

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
 Data File : BF117902.D
 Acq On : 21 Nov 2019 10:46
 Operator : JU
 Sample : K5904-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-(2-4)MS

Quant Time: Nov 21 15:15:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	134619	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	597521	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	320905	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	624379	20.00	ng	0.00
76) Chrysene-d12	14.12	240	467320	20.00	ng	0.00
87) Perylene-d12	15.62	264	478011	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	628456	82.64	ng	0.00
7) Phenol-d6	6.54	99	874946	95.38	ng	0.00
23) Nitrobenzene-d5	7.48	82	620858	61.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	284323	83.69	ng	0.00
45) 2-Fluorobiphenyl	9.28	172	1236001	69.10	ng	-0.01
79) Terphenyl-d14	13.05	244	1515635	59.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	122655	34.503	ng	97
3) Pyridine	3.48	79	322857	34.622	ng	98
4) n-Nitrosodimethylamine	3.43	42	165234	40.592	ng	99
6) Aniline	6.57	93	195517	16.129	ng	100
8) 2-Chlorophenol	6.70	128	356676	43.222	ng	97
9) Benzaldehyde	6.46	77	173027	26.195	ng	98
10) Phenol	6.55	94	446709	46.864	ng	96
11) bis(2-Chloroethyl)ether	6.65	93	309854	40.479	ng	100
12) 1,3-Dichlorobenzene	6.86	146	398362	41.003	ng	98
13) 1,4-Dichlorobenzene	6.93	146	404905	41.232	ng	99
14) 1,2-Dichlorobenzene	7.09	146	397693	42.344	ng	99
15) Benzyl Alcohol	7.05	79	330604	46.682	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	456948	38.773	ng	99
17) 2-Methylphenol	7.16	107	311913	44.633	ng	99
18) Hexachloroethane	7.43	117	161587	44.791	ng	95
19) n-Nitroso-di-n-propylamine	7.33	70	252522	44.623	ng	96
20) 3+4-Methylphenols	7.32	107	394474	45.473	ng	# 84
22) Acetophenone	7.32	105	511101	38.072	ng	# 96
24) Nitrobenzene	7.50	77	425291	41.014	ng	100
25) Isophorone	7.74	82	754768	40.969	ng	99
26) 2-Nitrophenol	7.82	139	224950	44.570	ng	95
27) 2,4-Dimethylphenol	7.85	122	355146	45.284	ng	98
28) bis(2-Chloroethoxy)methane	7.95	93	472475	40.415	ng	99
29) 2,4-Dichlorophenol	8.06	162	353941	41.606	ng	99
30) 1,2,4-Trichlorobenzene	8.15	180	383087	38.823	ng	99
31) Naphthalene	8.23	128	1189510	42.702	ng	99
32) Benzoic acid	7.92	122	35602	5.422	ng	95
33) 4-Chloroaniline	8.27	127	130601	10.473	ng	99
34) Hexachlorobutadiene	8.35	225	219540	38.054	ng	98
35) Caprolactam	8.63	113	81987	30.324	ng	97
36) 4-Chloro-3-methylphenol	8.75	107	372733	43.173	ng	95
37) 2-Methylnaphthalene	8.92	142	835574	44.395	ng	99
38) 1-Methylnaphthalene	9.02	142	778512	43.752	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	355080	38.101	ng	99

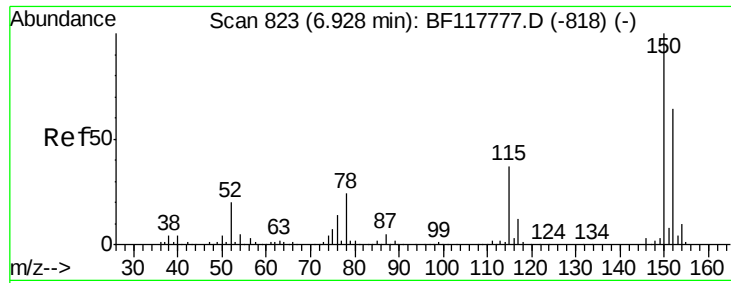
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	448185	85.816	ng	98
43) 2,4,6-Trichlorophenol	9.20	196	258453	38.719	ng	99
44) 2,4,5-Trichlorophenol	9.24	196	285860	41.246	ng	96
46) 1,1'-Biphenyl	9.39	154	1004112	42.175	ng	99
47) 2-Chloronaphthalene	9.41	162	772987	39.467	ng	98
48) 2-Nitroaniline	9.50	65	231703	39.185	ng	94
49) Acenaphthylene	9.83	152	1233331	43.191	ng	99
50) Dimethylphthalate	9.69	163	1025953	45.591	ng	98
51) 2,6-Dinitrotoluene	9.75	165	212513	43.210	ng	98
52) Acenaphthene	10.00	154	772939	42.255	ng	99
53) 3-Nitroaniline	9.92	138	118380	20.116	ng	88
54) 2,4-Dinitrophenol	10.02	184	94492	41.240	ng	90
55) Dibenzofuran	10.17	168	1094903	43.225	ng	99
56) 4-Nitrophenol	10.07	139	342374	77.941	ng	97
57) 2,4-Dinitrotoluene	10.15	165	287952	46.027	ng	99
58) Fluorene	10.52	166	851914	43.400	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.29	232	214835	37.726	ng	98
60) Diethylphthalate	10.39	149	945526	43.098	ng	100
61) 4-Chlorophenyl-phenylether	10.51	204	429847	43.150	ng	99
62) 4-Nitroaniline	10.53	138	231432	39.277	ng	98
63) Azobenzene	10.67	77	854105	42.792	ng	98
65) 4,6-Dinitro-2-methylphenol	10.56	198	95287	32.690	ng	95
66) n-Nitrosodiphenylamine	10.63	169	770599	42.408	ng	100
67) 4-Bromophenyl-phenylether	11.00	248	273055	40.531	ng	98
68) Hexachlorobenzene	11.07	284	309897	39.449	ng	99
69) Atrazine	11.16	200	281403	47.077	ng	99
70) Pentachlorophenol	11.26	266	261130	56.897	ng	99
71) Phenanthrene	11.49	178	1353155	43.105	ng	98
72) Anthracene	11.54	178	1368916	43.982	ng	99
73) Carbazole	11.69	167	1251785	46.025	ng	99
74) Di-n-butylphthalate	12.02	149	1571554	46.408	ng	99
75) Fluoranthene	12.68	202	1541781	55.728	ng	99
77) Benzidine	12.79	184	382691	25.000	ng	100
78) Pyrene	12.91	202	1524367	40.363	ng	100
80) Butylbenzylphthalate	13.52	149	689791	42.525	ng	92
81) Benzo(a)anthracene	14.10	228	1306343	42.302	ng	99
82) 3,3'-Dichlorobenzidine	14.06	252	201504	18.654	ng	98
83) Chrysene	14.14	228	1251789	41.832	ng	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	976444	49.653	ng	100
85) Di-n-octyl phthalate	14.70	149	1602295	55.462	ng	99
86) Indeno(1,2,3-cd)pyrene	17.16	276	1392925	54.693	ng	99
88) Benzo(b)fluoranthene	15.17	252	1289947	41.535	ng	100
89) Benzo(k)fluoranthene	15.20	252	1235456	42.220	ng	98
90) Benzo(a)pyrene	15.56	252	1110727	40.672	ng	99
91) Dibenzo(a,h)anthracene	17.18	278	1138054	48.416	ng	98
92) Benzo(g,h,i)perylene	17.63	276	1157128	49.424	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

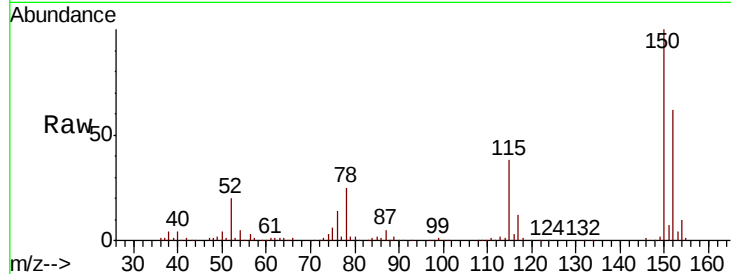


#1

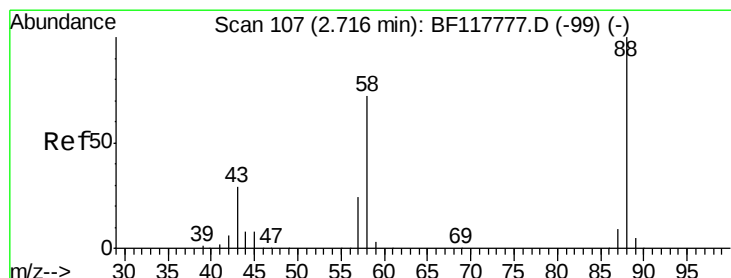
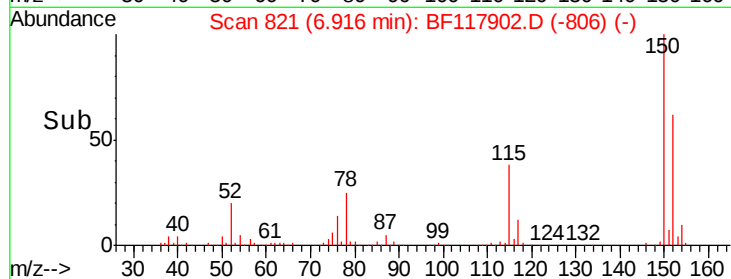
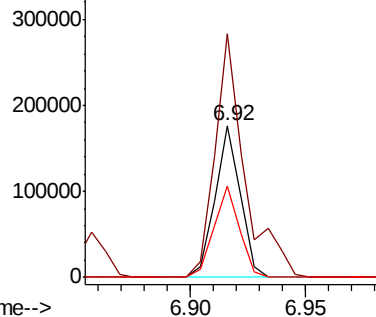
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion:152 Resp: 134619
Ion Ratio Lower Upper
152 100
150 160.2 125.3 187.9
115 60.2 47.0 70.4



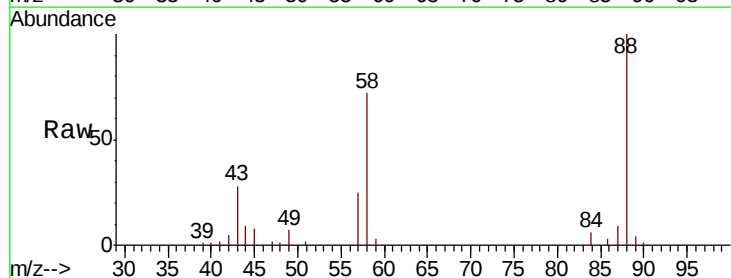
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



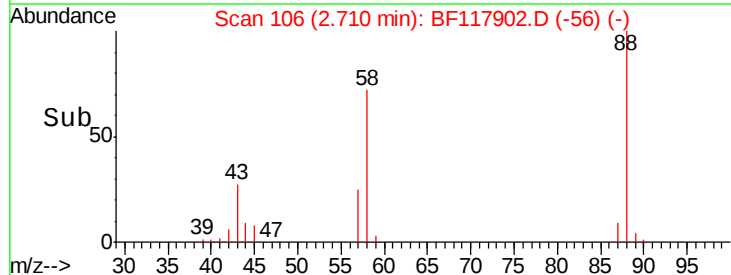
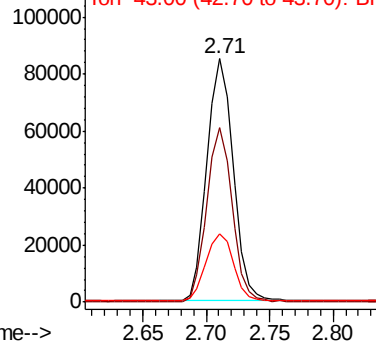
#2

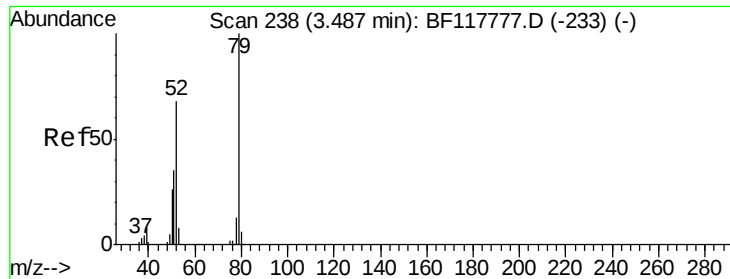
1,4-Dioxane
Concen: 34.503 ng
RT: 2.71 min Scan# 106
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion: 88 Resp: 122655
Ion Ratio Lower Upper
88 100
58 69.5 58.2 87.2
43 28.6 23.3 34.9



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.622 ng

RT: 3.48 min Scan# 237

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

1-(2-4)MS

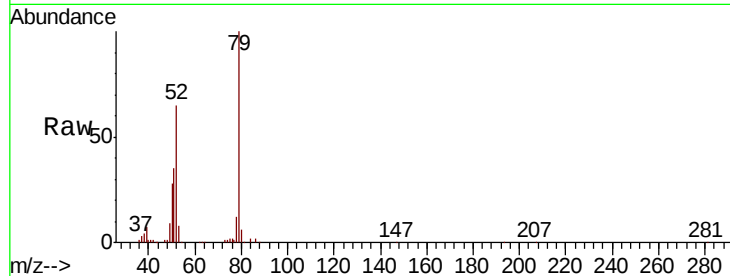
Tot Ion: 79 Resp: 322857

Ion Ratio Lower Upper

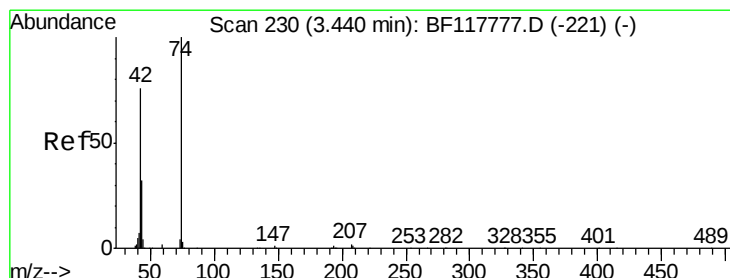
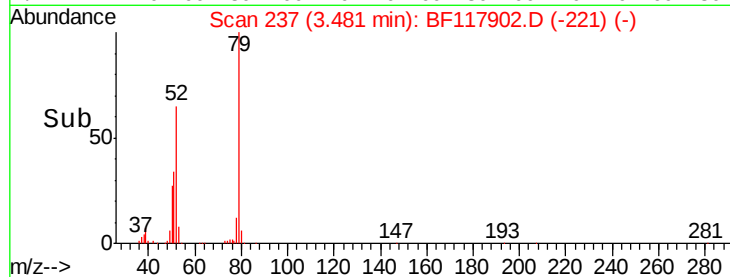
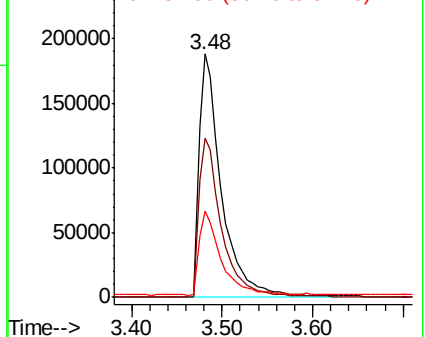
79 100

52 65.5 54.8 82.2

51 35.3 28.2 42.4



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.592 ng

RT: 3.43 min Scan# 228

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

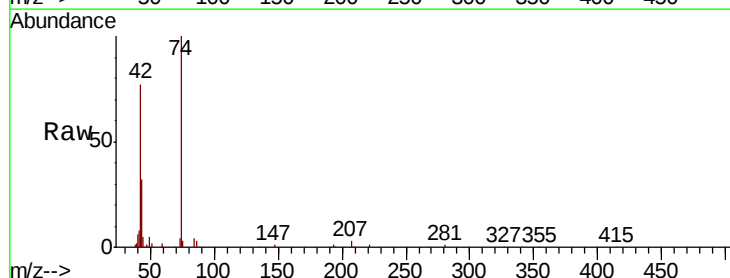
Tgt Ion: 42 Resp: 165234

Ion Ratio Lower Upper

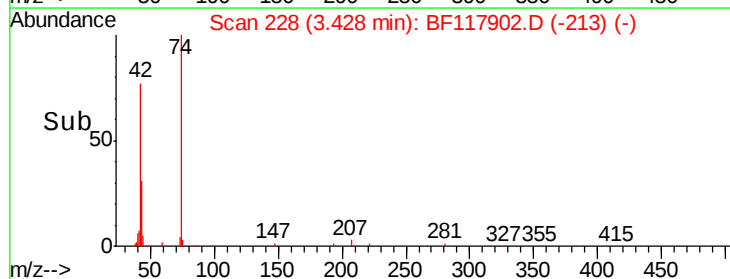
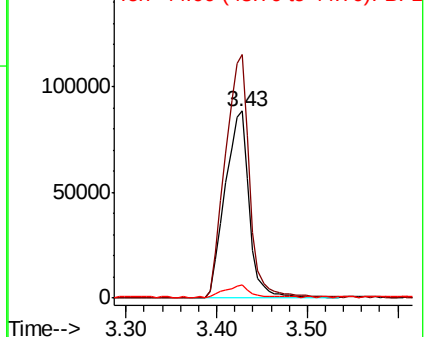
42 100

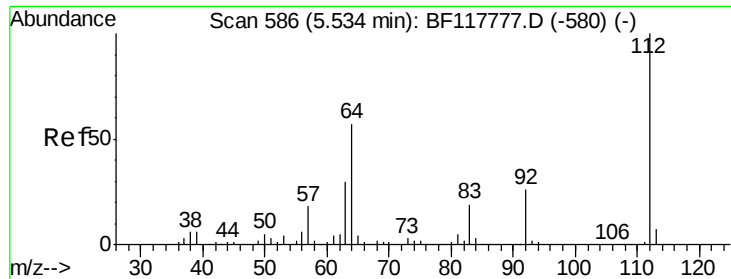
74 130.3 105.1 157.7

44 6.9 4.6 7.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 82.636 ng

RT: 5.53 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

1-(2-4)MS

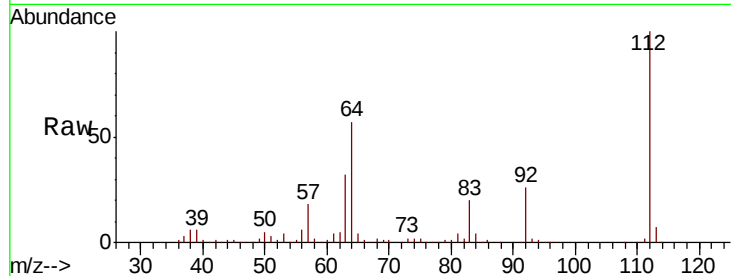
Tot Ion:112 Resp: 628456

Ion Ratio Lower Upper

112 100

64 57.3 45.6 68.4

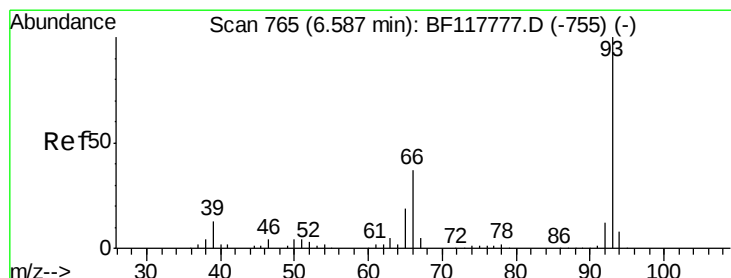
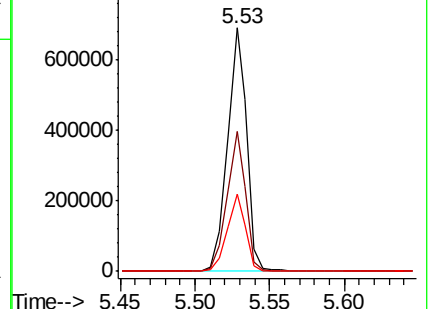
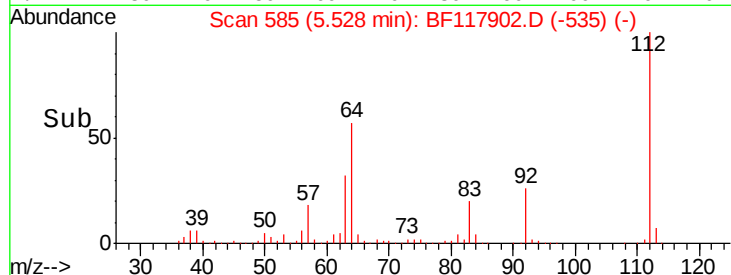
63 31.6 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.129 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

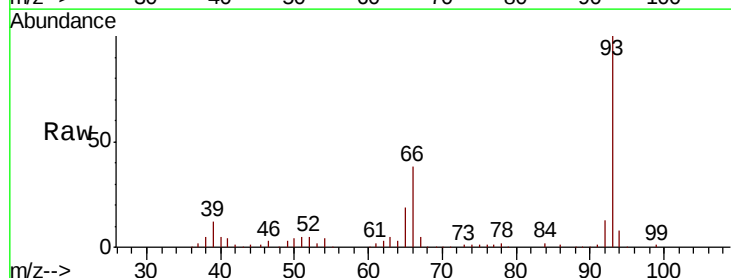
Tgt Ion: 93 Resp: 195517

Ion Ratio Lower Upper

93 100

66 38.2 30.6 45.8

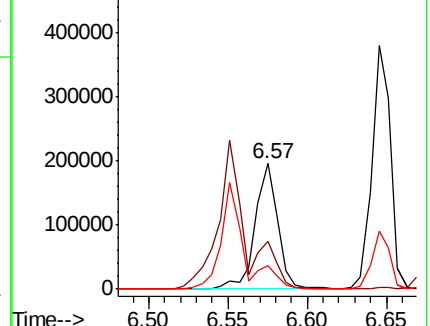
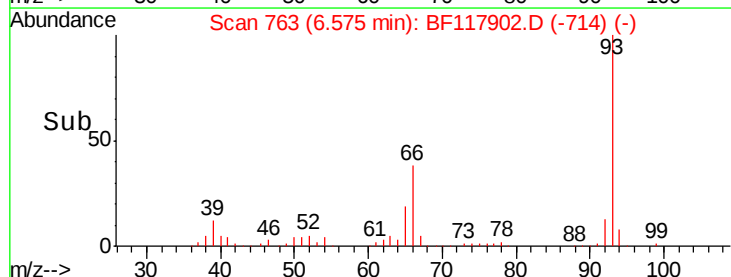
65 19.1 15.6 23.4

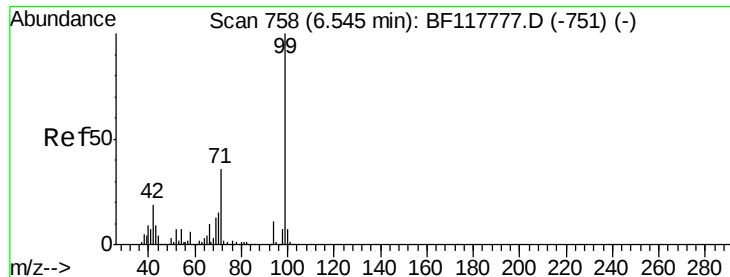


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 95.382 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

ClientSampled :

1-(2-4)MS

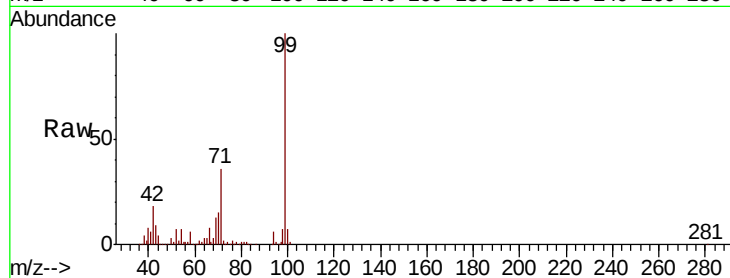
Tot Ion: 99 Resp: 874946

Ion Ratio Lower Upper

99 100

42 18.2 14.9 22.3

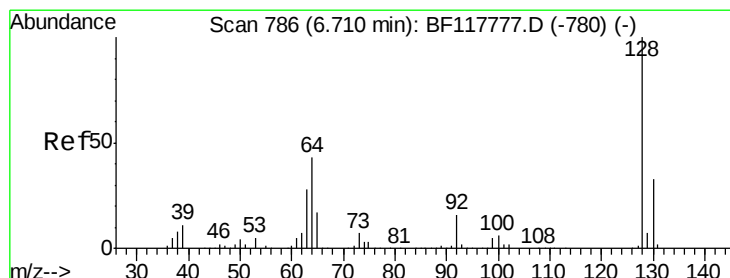
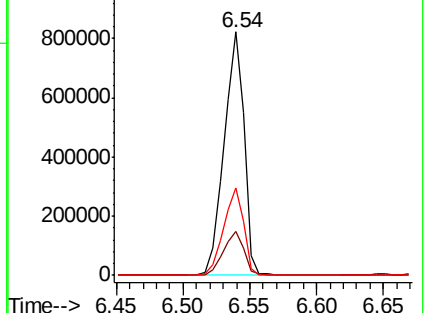
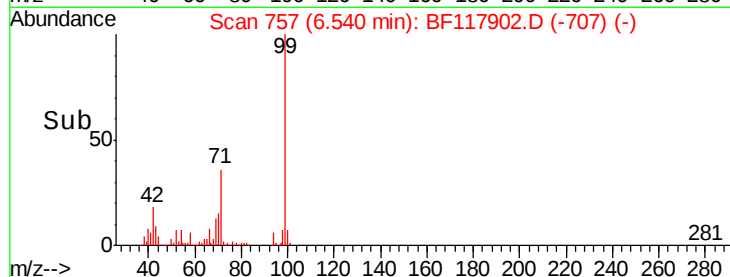
71 36.0 28.6 43.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.222 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

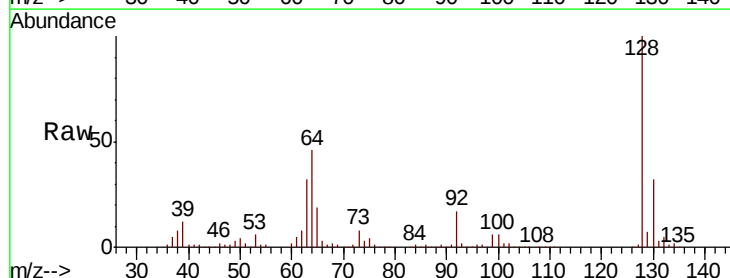
Tgt Ion: 128 Resp: 356676

Ion Ratio Lower Upper

128 100

130 32.2 13.2 53.2

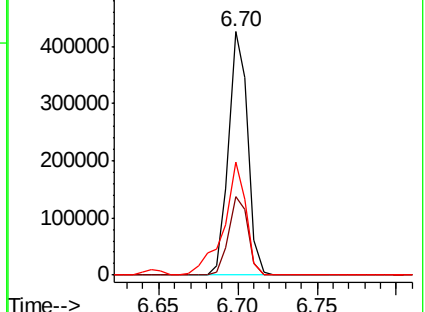
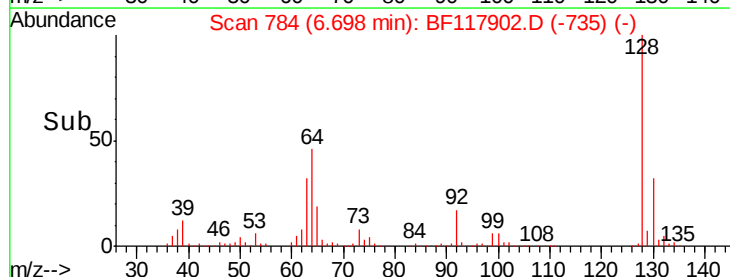
64 46.4 23.7 63.7

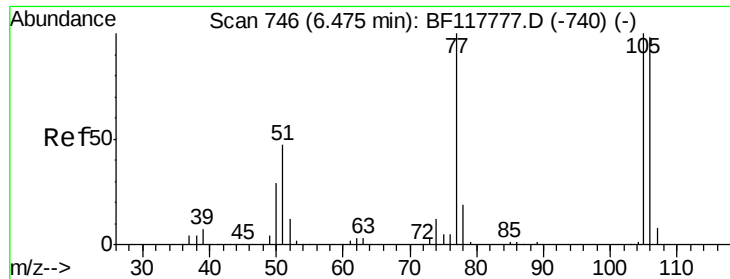


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.195 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

1-(2-4)MS

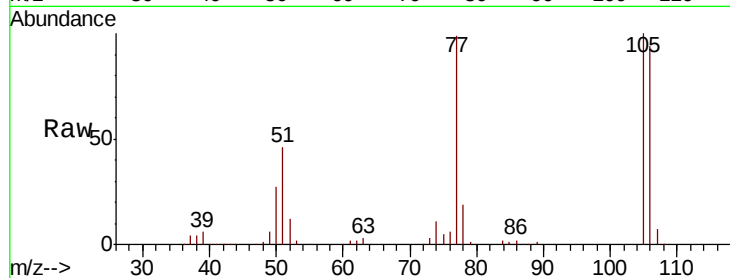
Tot Ion: 77 Resp: 173027

Ion Ratio Lower Upper

77 100

105 101.1 80.2 120.2

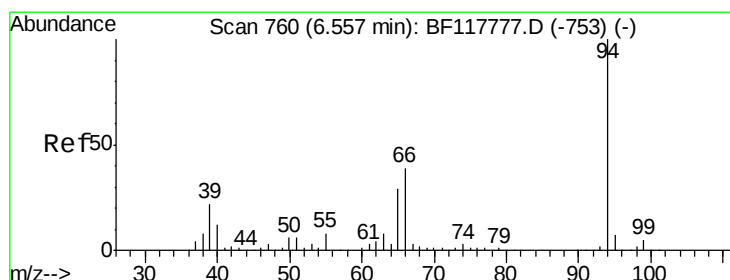
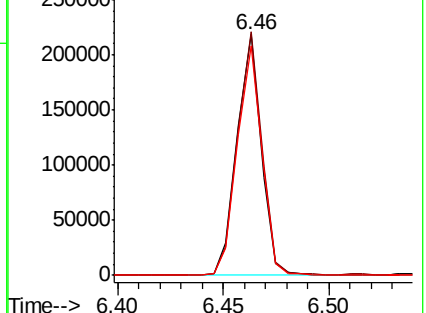
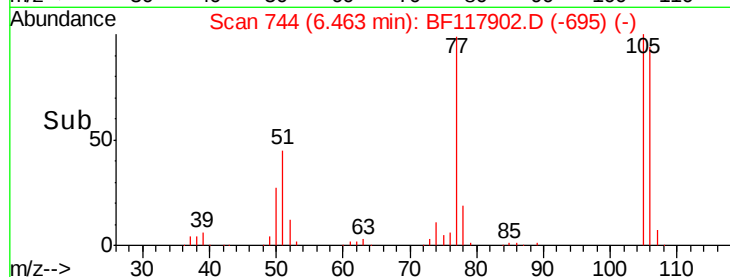
106 95.4 78.4 118.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.864 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

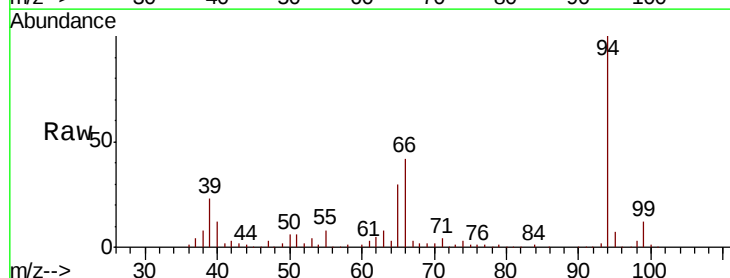
Tgt Ion: 94 Resp: 446709

Ion Ratio Lower Upper

94 100

65 30.0 8.9 48.9

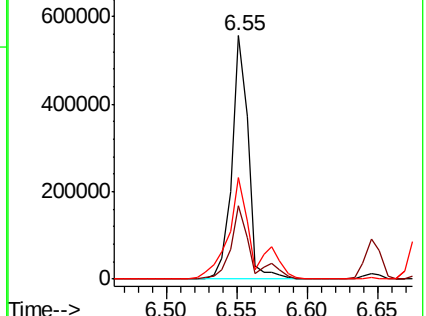
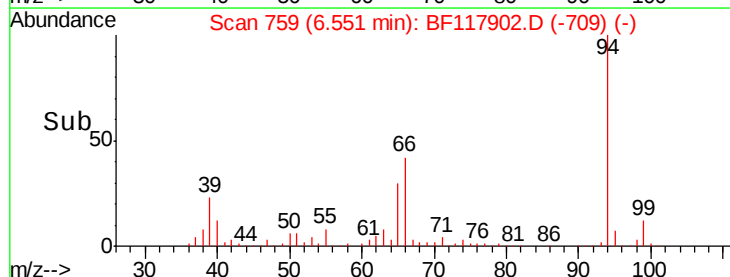
66 41.7 18.7 58.7

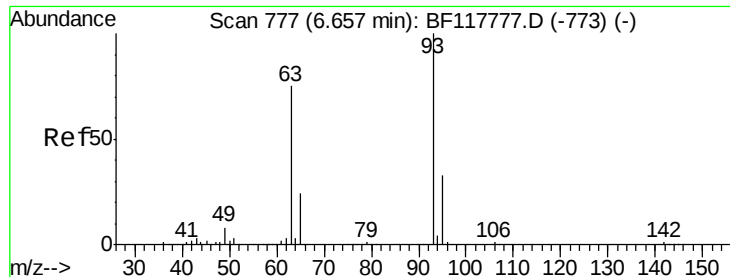


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

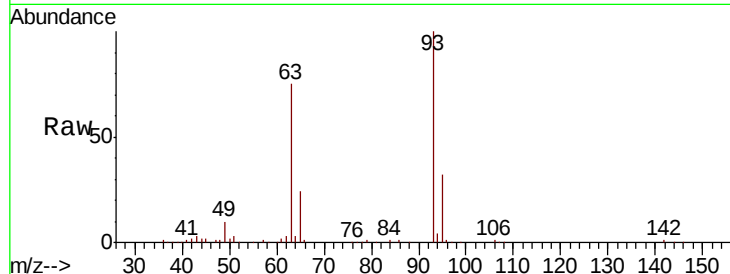




#11
bis(2-Chloroethyl)ether
Concen: 40.479 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion	93	Resp	309854
Ion Ratio	Lower	Upper	
93	100		
63	74.7	54.8	94.8
95	32.4	12.7	52.7

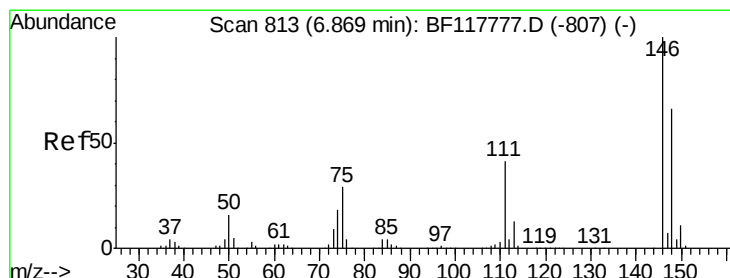
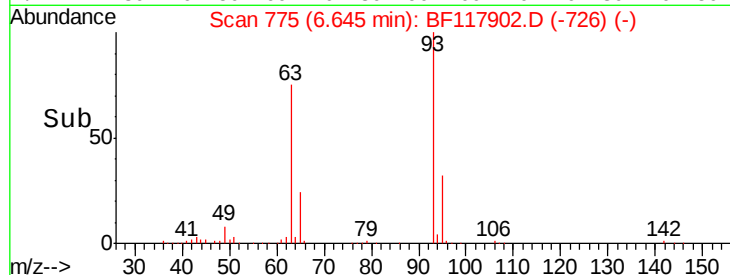
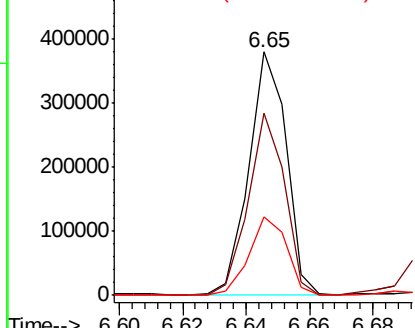


Abundance

Ion 93.00 (92.70 to 93.70): BF1

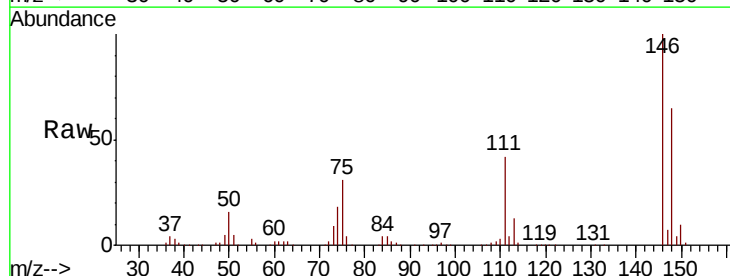
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 41.003 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion	146	Resp	398362
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.8	79.2
75	30.5	23.4	35.0

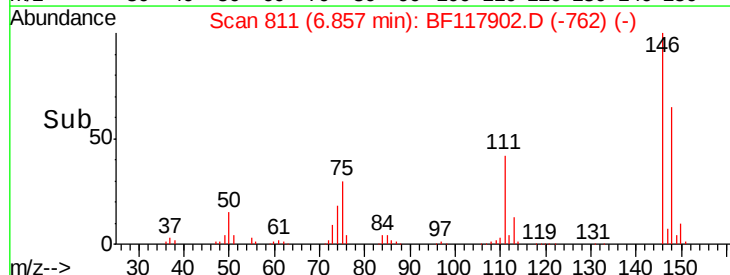
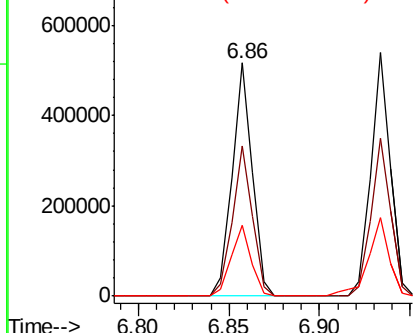


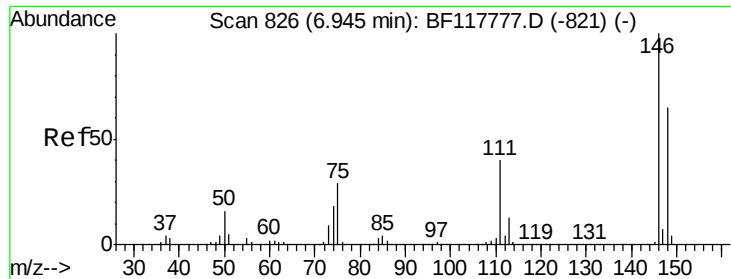
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

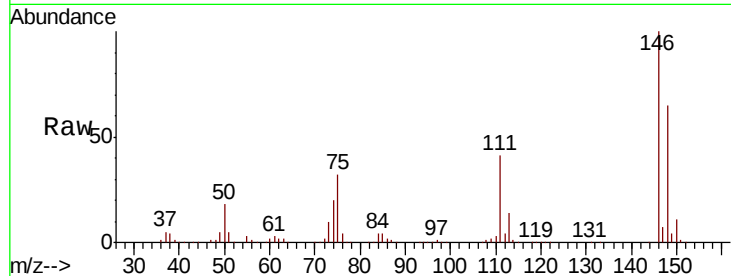




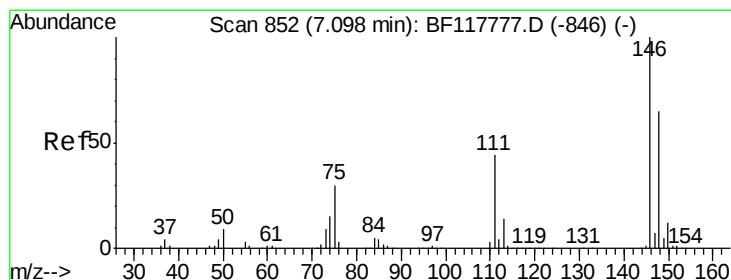
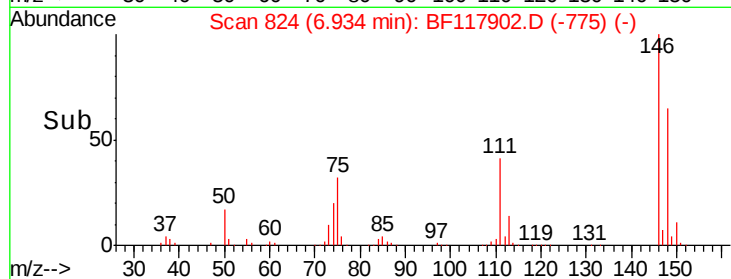
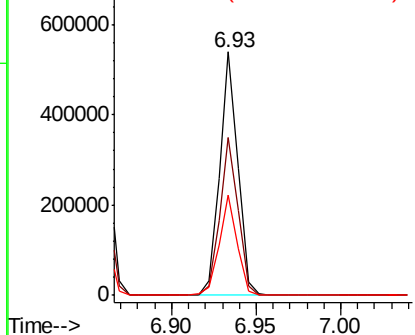
#13
 1,4-Dichlorobenzene
 Concen: 41.232 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF117902.D
 Acq: 21 Nov 2019 10:46

Instrument :
 BNA_F
 ClientSampleId :
 1-(2-4)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.3	78.5
111	40.9	32.2	48.4

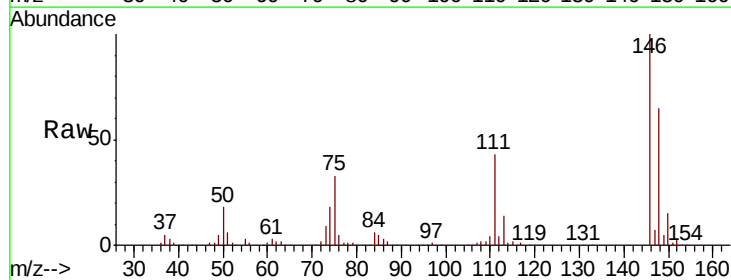


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

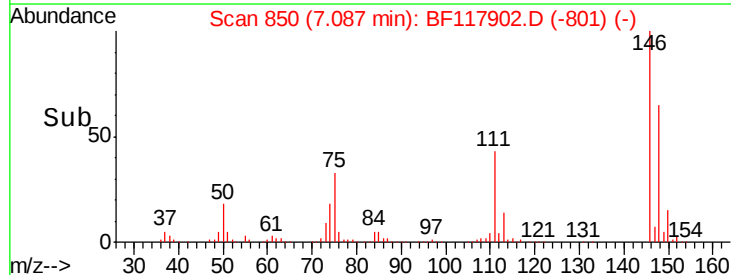
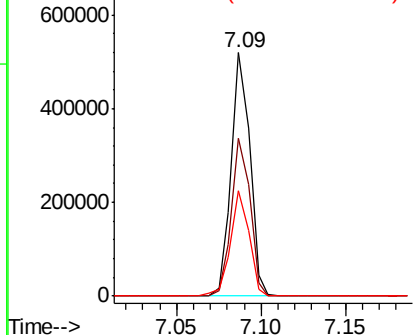


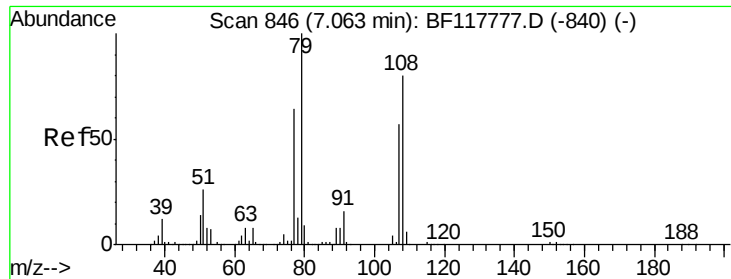
#14
 1,2-Dichlorobenzene
 Concen: 42.344 ng
 RT: 7.09 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF117902.D
 Acq: 21 Nov 2019 10:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
111	43.2	35.0	52.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

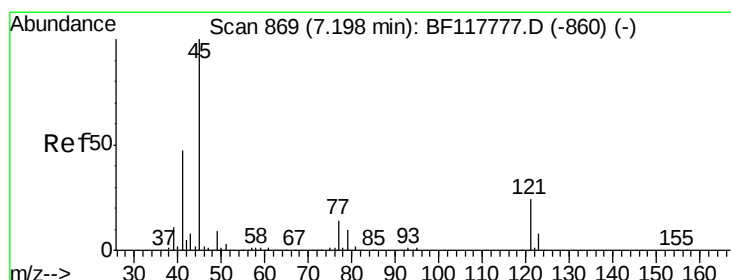
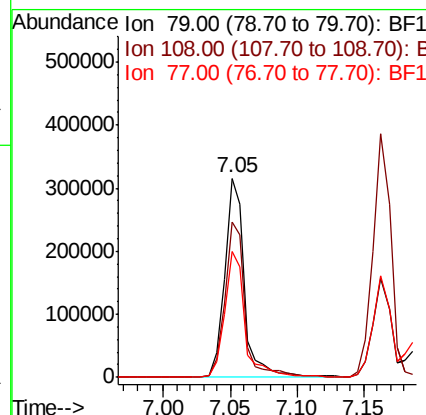
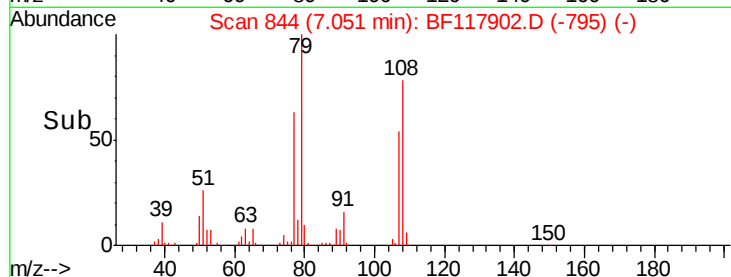
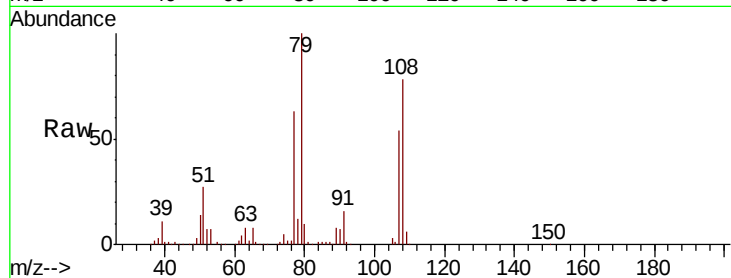




#15
Benzyl Alcohol
Concen: 46.682 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

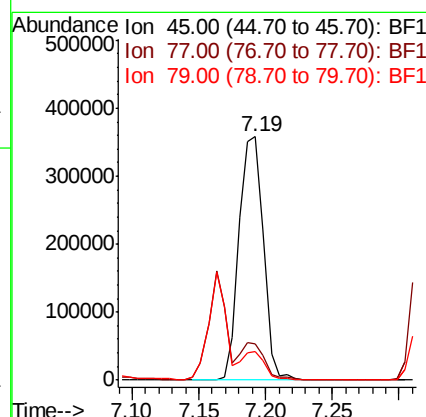
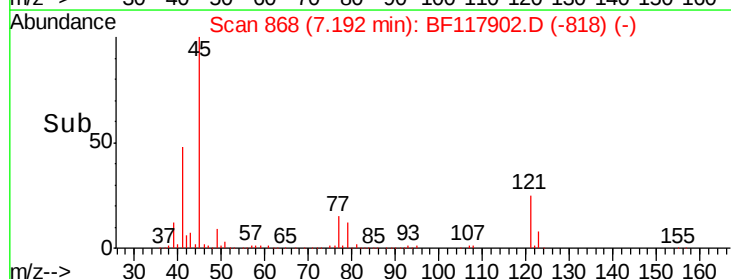
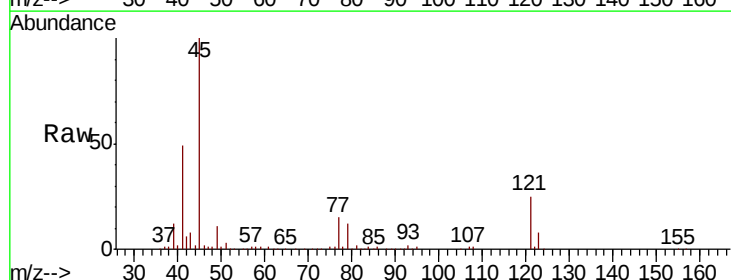
Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

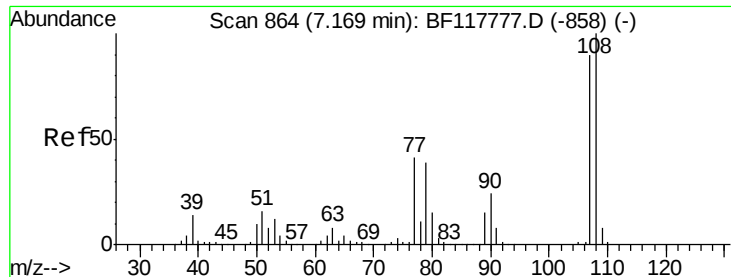
Tot Ion	Ratio	Lower	Upper
79	100		
108	77.9	64.1	96.1
77	63.0	51.3	76.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.773 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	35.0
79	11.7	0.0	31.1





#17

2-Methylphenol

Concen: 44.633 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

1-(2-4)MS

Tot Ion:107 Resp: 311913

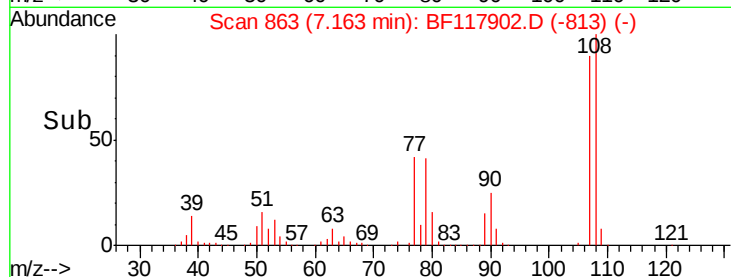
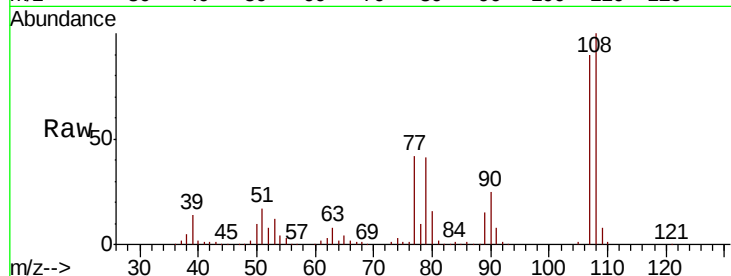
Ion Ratio Lower Upper

107 100

108 111.2 89.1 133.7

77 46.5 36.6 54.8

79 45.5 35.2 52.8

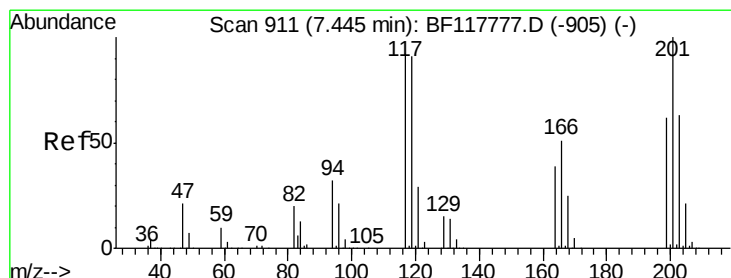
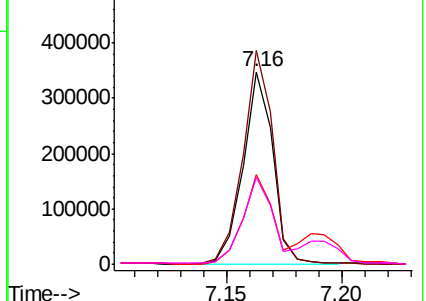


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 44.791 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

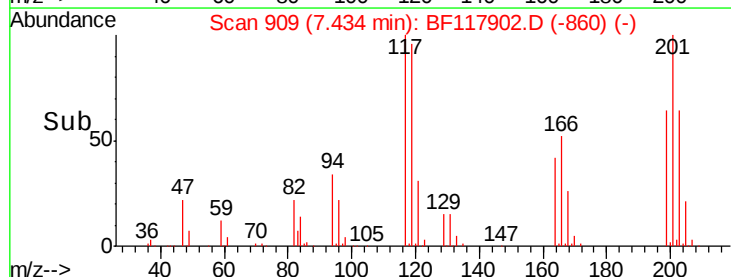
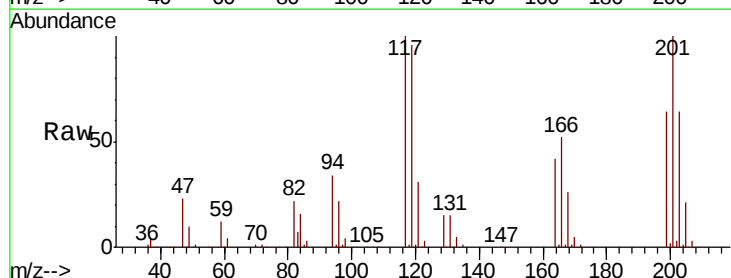
Tgt Ion:117 Resp: 161587

Ion Ratio Lower Upper

117 100

119 96.1 78.7 118.1

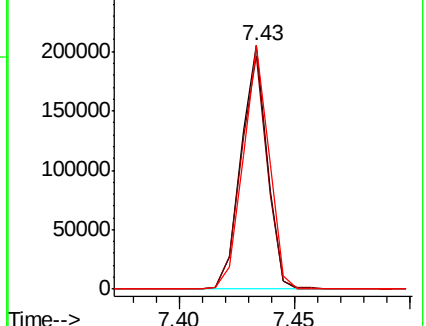
201 100.0 86.5 129.7

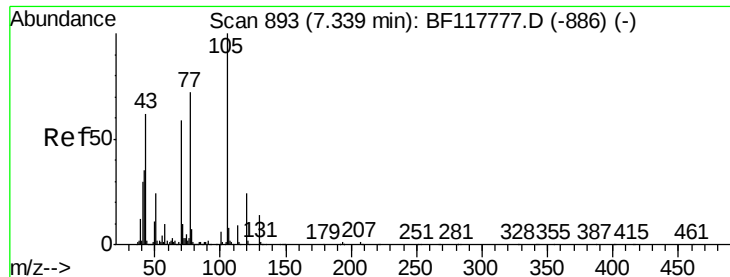


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

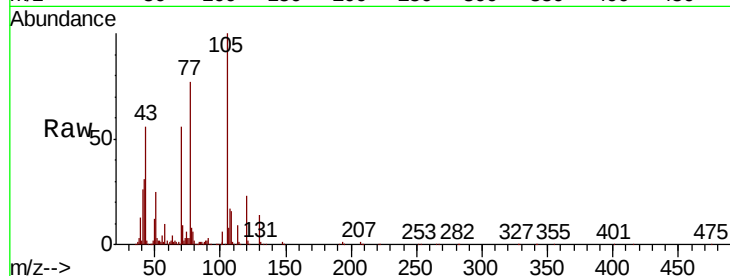




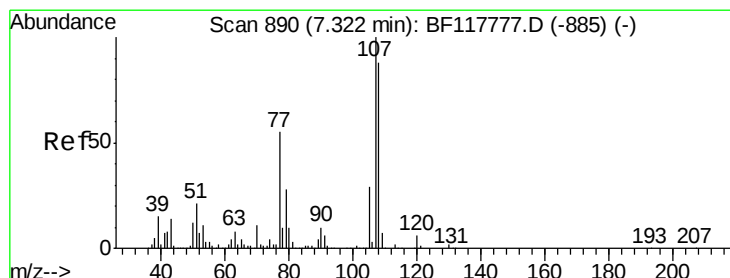
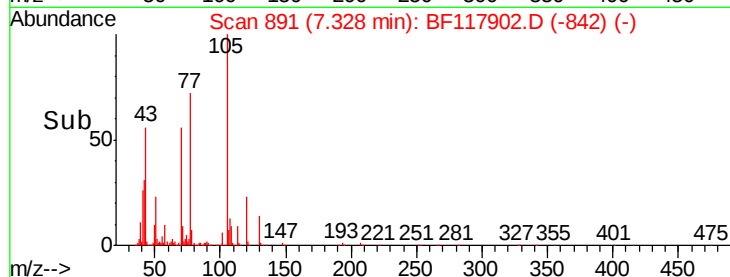
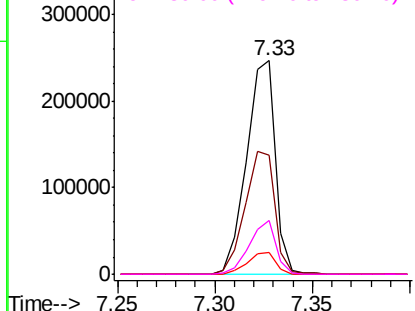
#19
n-Nitroso-di-n-propylamine
Concen: 44.623 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion:	70	Resp:	252522
Ion	Ratio	Lower	Upper
70	100		
42	55.6	47.4	71.2
101	10.1	8.4	12.6
130	24.9	18.8	28.2

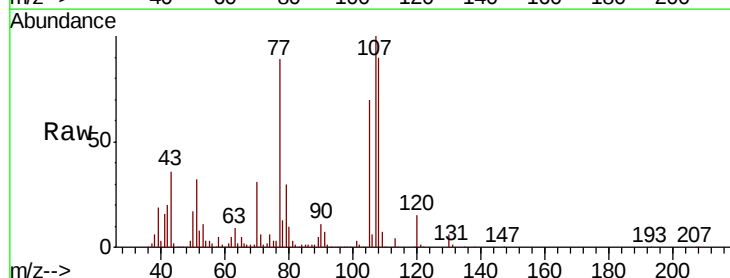


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

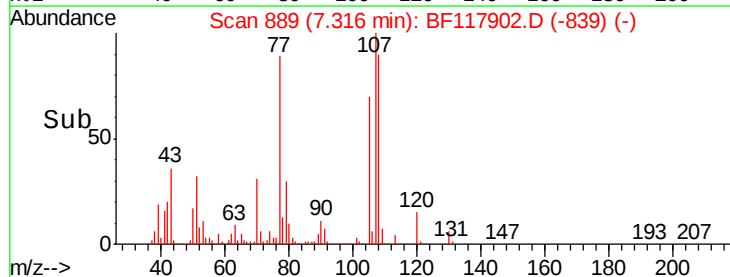
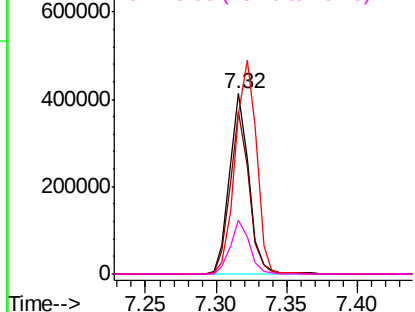


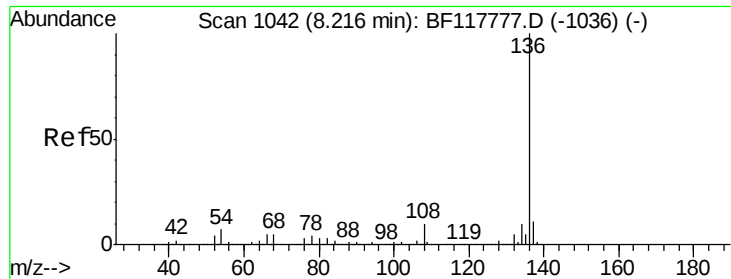
#20
3+4-Methylphenols
Concen: 45.473 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion:	107	Resp:	394474
Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.4	108.4
77	89.0	35.2	75.2#
79	29.8	8.6	48.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

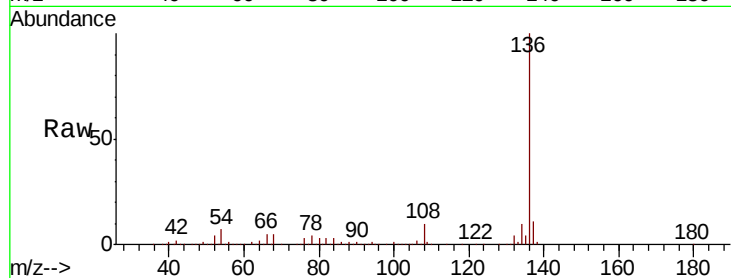




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion:136	Resp:	597521	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	9.0	13.4	
54 7.1	5.4	8.2	
68 5.4	4.3	6.5	



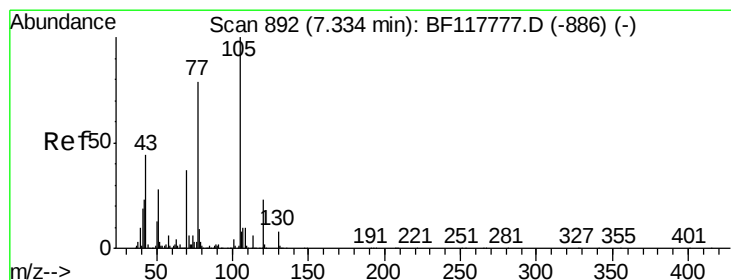
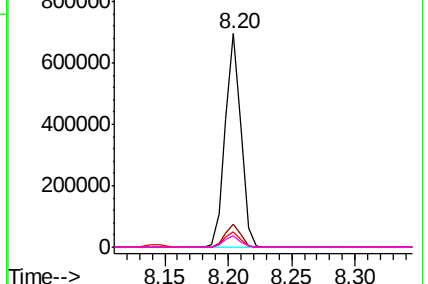
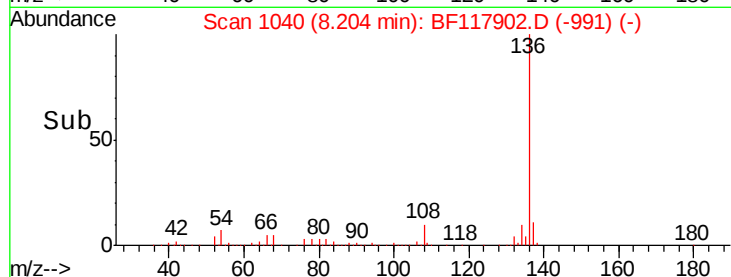
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

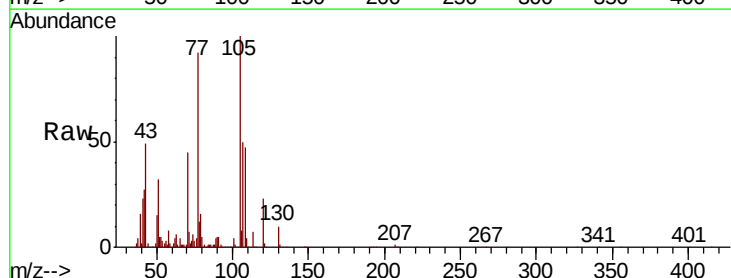
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.072 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt	Ion:105	Resp:	511101
Ion	Ratio	Lower	Upper
105	100		
71	7.4	4.9	7.3#
51	32.1	22.7	34.1
120	22.9	18.5	27.7



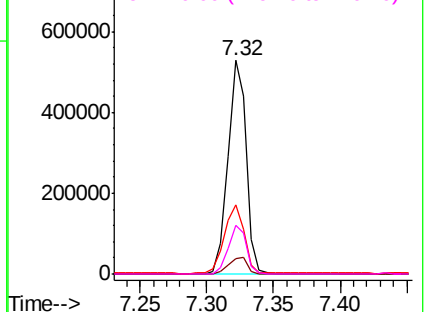
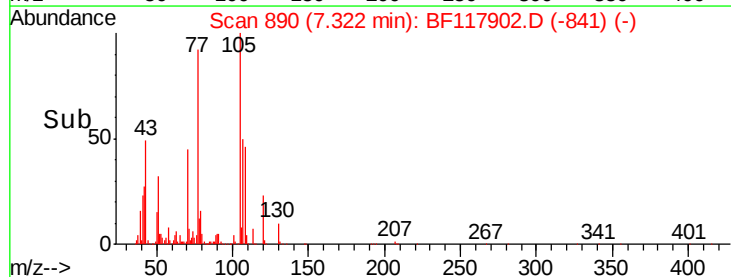
Abundance

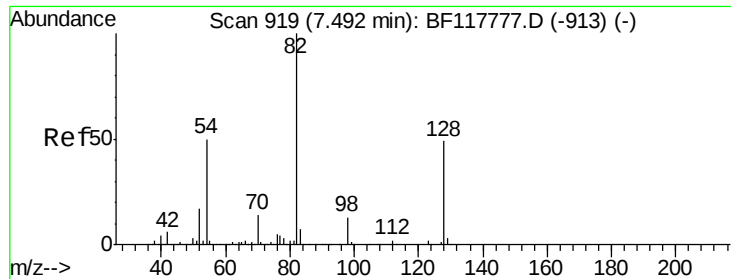
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

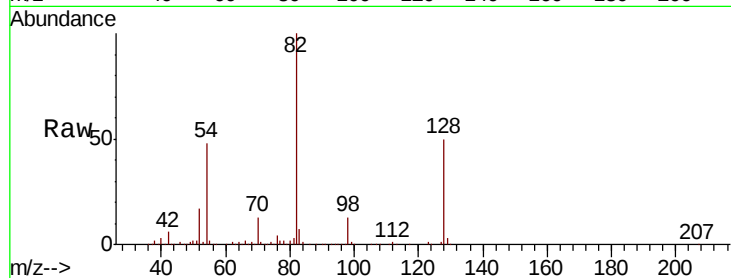




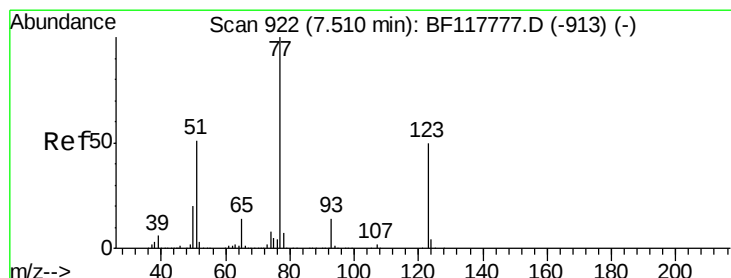
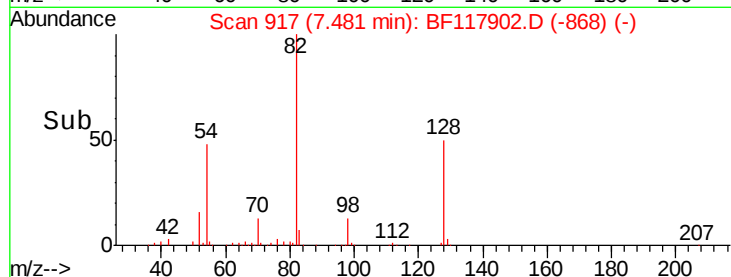
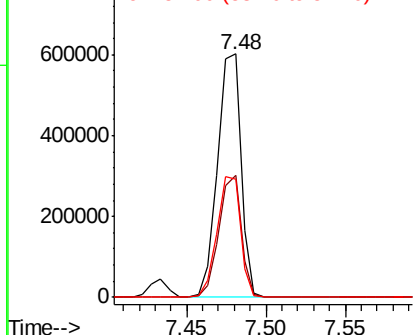
#23
 Nitrobenzene-d5
 Concen: 61.768 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF117902.D
 Acq: 21 Nov 2019 10:46

Instrument :
 BNA_F
 ClientSampleId :
 1-(2-4)MS

Tot Ion	82	Resp	620858
Ion Ratio	100	Lower	Upper
128	50.0	38.9	58.3
54	48.4	39.8	59.6

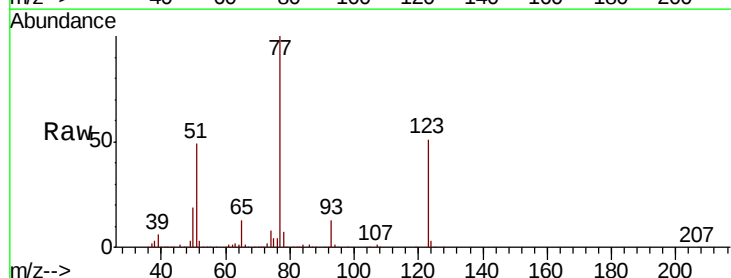


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

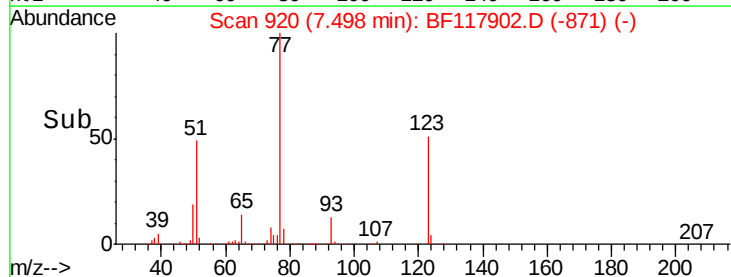
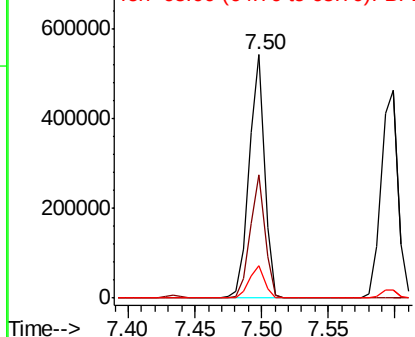


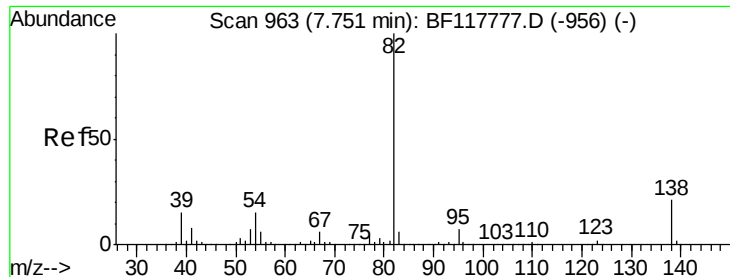
#24
 Nitrobenzene
 Concen: 41.014 ng
 RT: 7.50 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BF117902.D
 Acq: 21 Nov 2019 10:46

Tgt Ion	77	Resp	425291
Ion Ratio	100	Lower	Upper
123	50.5	40.3	60.5
65	13.4	10.9	16.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

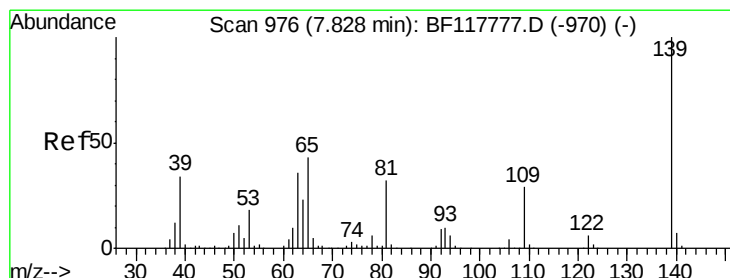
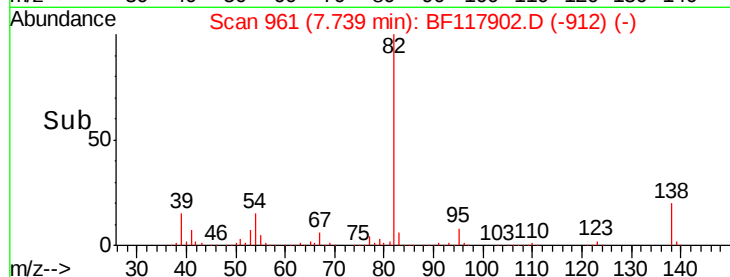
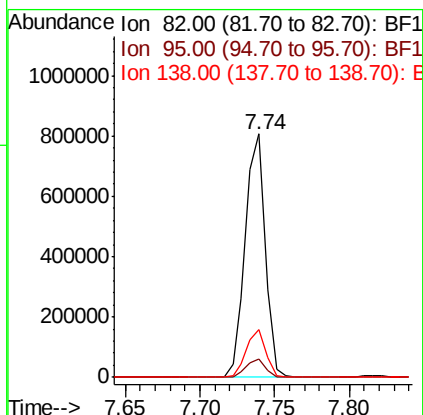
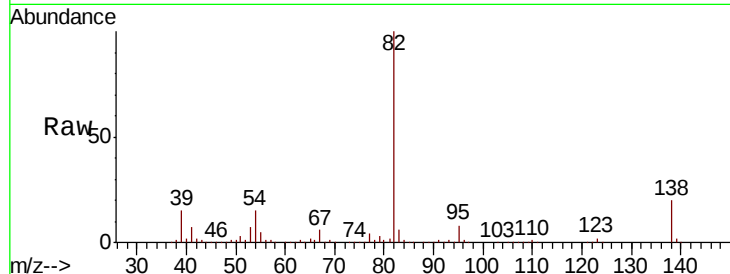




#25
Isophorone
Concen: 40.969 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

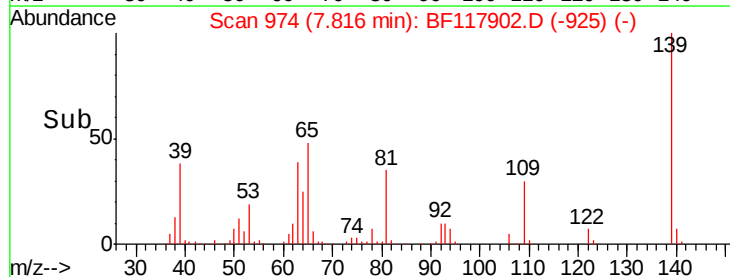
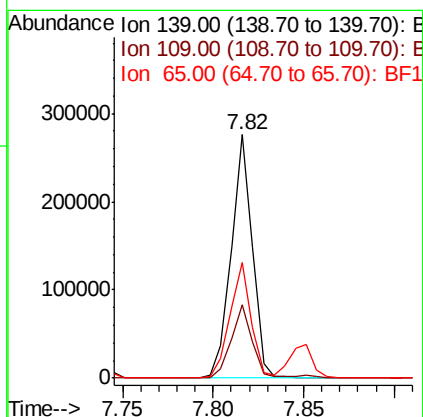
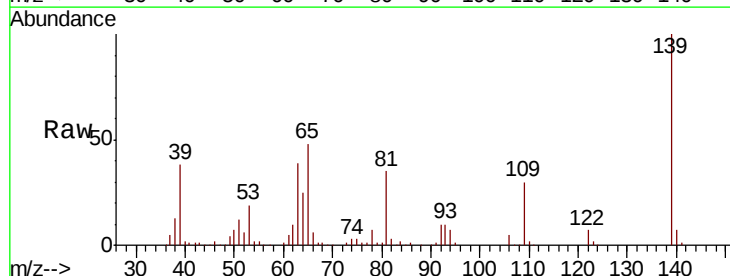
Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

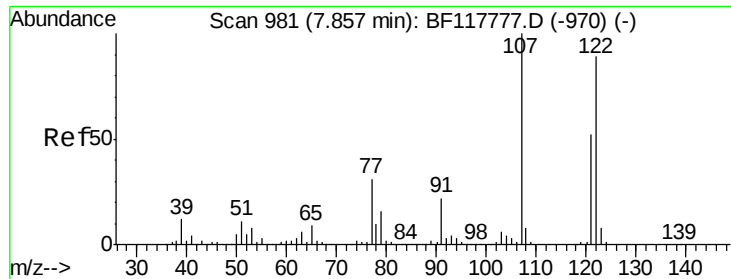
Tot Ion: 82 Resp: 754768
Ion Ratio Lower Upper
82 100
95 7.6 5.8 8.8
138 19.8 16.5 24.7



#26
2-Nitrophenol
Concen: 44.570 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion: 139 Resp: 224950
Ion Ratio Lower Upper
139 100
109 30.3 23.0 34.4
65 47.7 34.7 52.1





#27

2,4-Dimethylphenol

Concen: 45.284 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

1-(2-4)MS

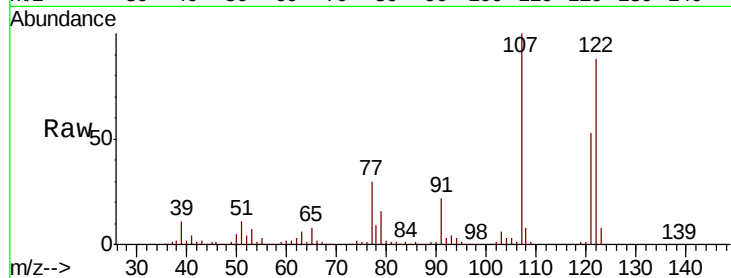
Tot Ion:122 Resp: 355146

Ion Ratio Lower Upper

122 100

107 114.1 90.0 135.0

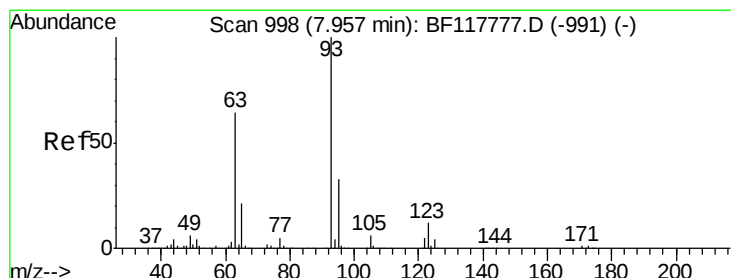
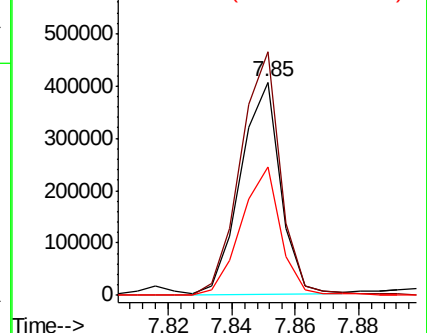
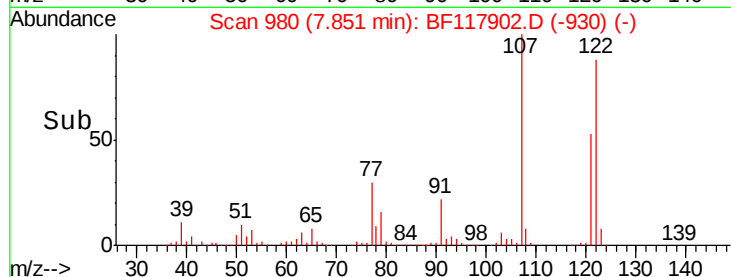
121 60.1 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.415 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

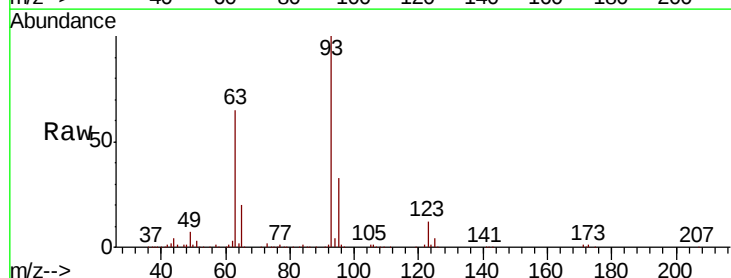
Tgt Ion: 93 Resp: 472475

Ion Ratio Lower Upper

93 100

95 32.9 26.6 40.0

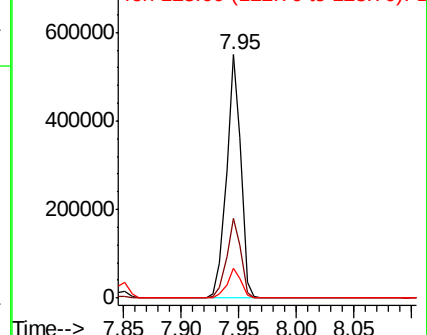
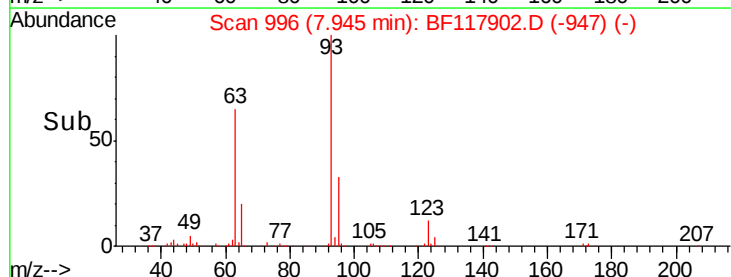
123 12.0 10.3 15.5

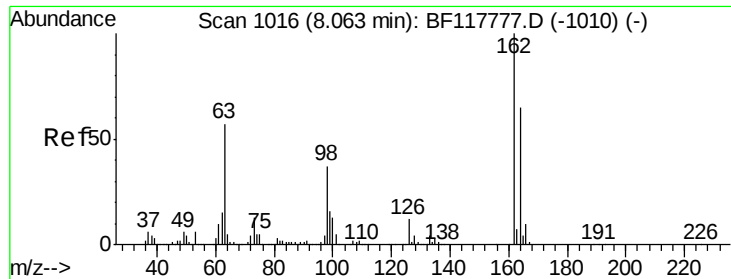


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

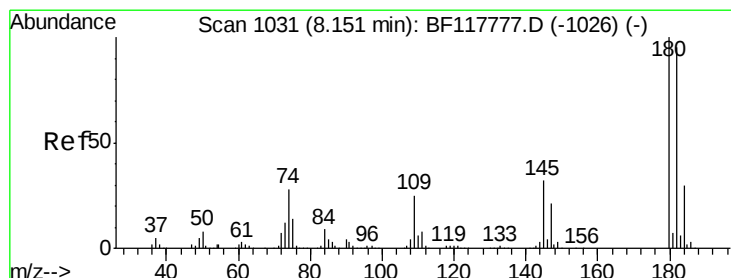
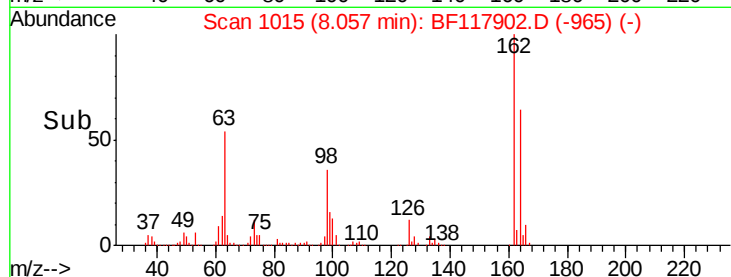
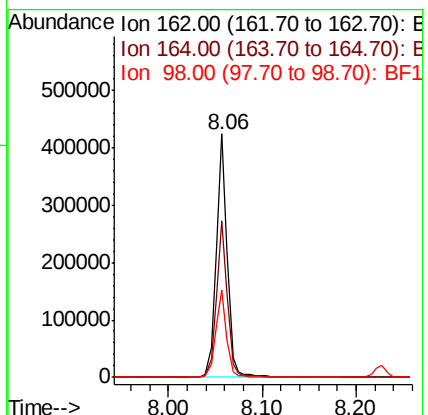
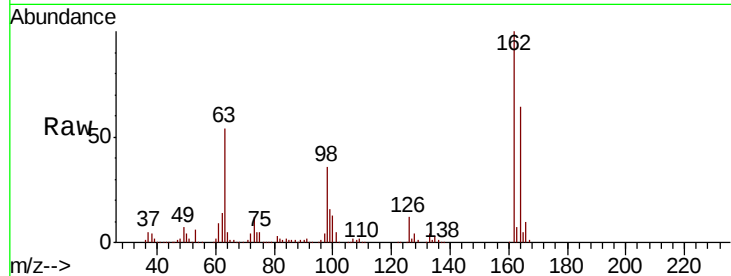




#29
2,4-Dichlorophenol
Concen: 41.606 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

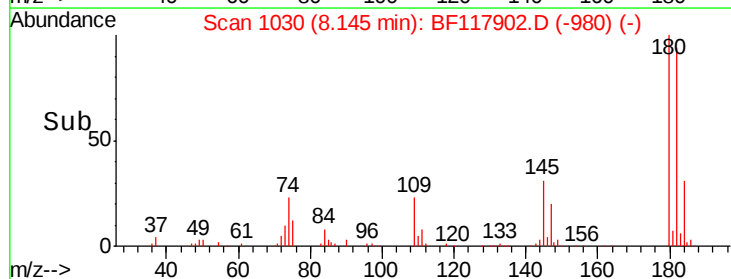
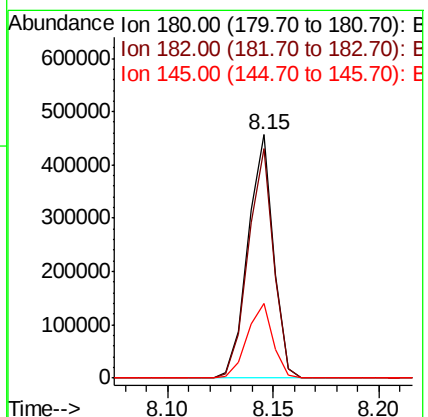
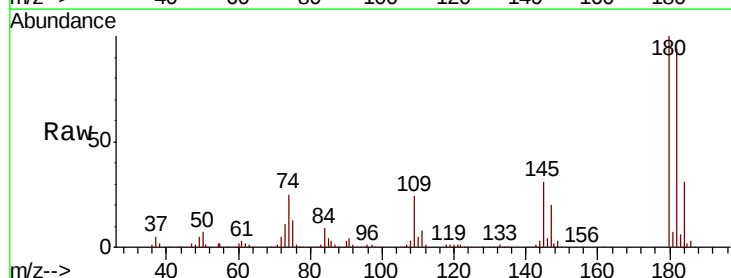
Instrument :
BNA_F
ClientSampled :
1-(2-4)MS

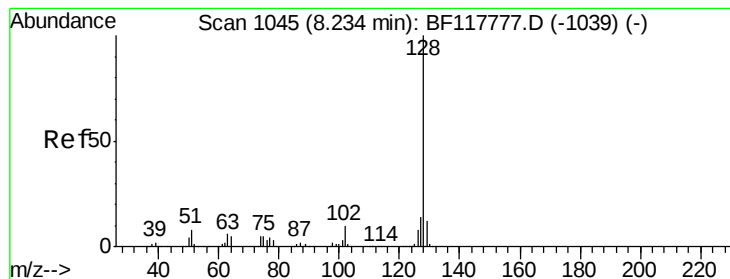
Tot Ion:162 Resp: 353941
Ion Ratio Lower Upper
162 100
164 64.4 45.1 85.1
98 35.7 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 38.823 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion:180 Resp: 383087
Ion Ratio Lower Upper
180 100
182 94.1 75.8 113.6
145 30.9 25.5 38.3





#31

Naphthalene

Concen: 42.702 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

1-(2-4)MS

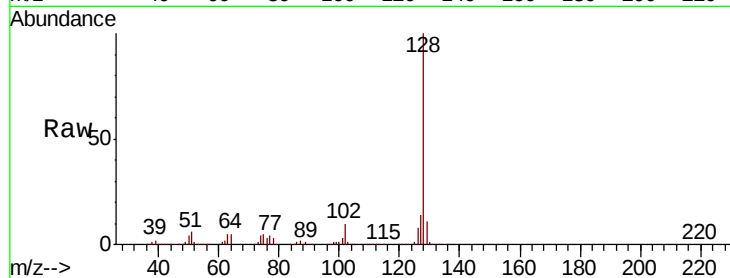
Tot Ion:128 Resp: 1189510

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

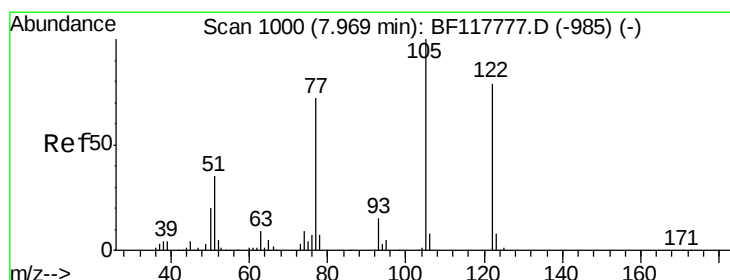
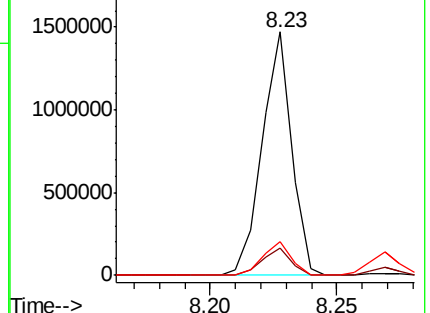
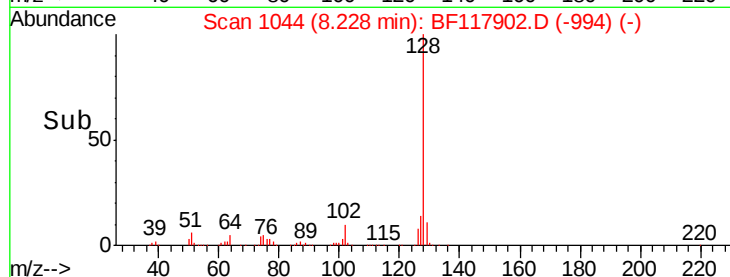
127 13.6 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

2000000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 5.422 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.05 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

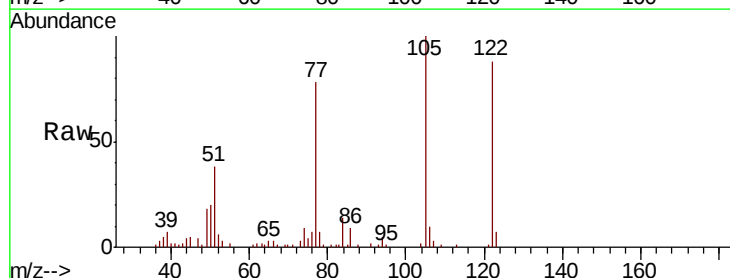
Tgt Ion:122 Resp: 35602

Ion Ratio Lower Upper

122 100

105 114.2 102.7 142.7

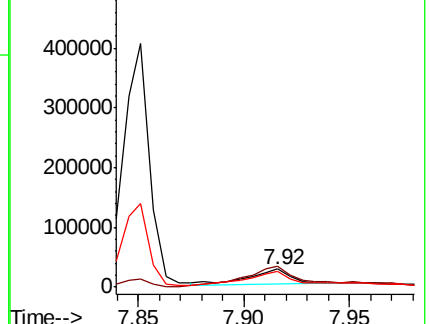
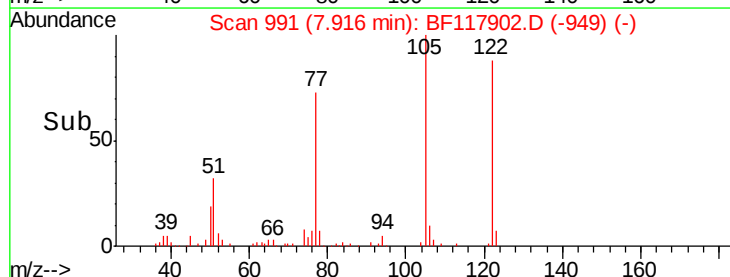
77 88.5 70.5 110.5

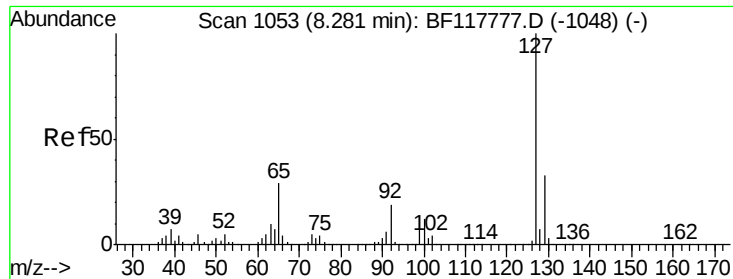


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

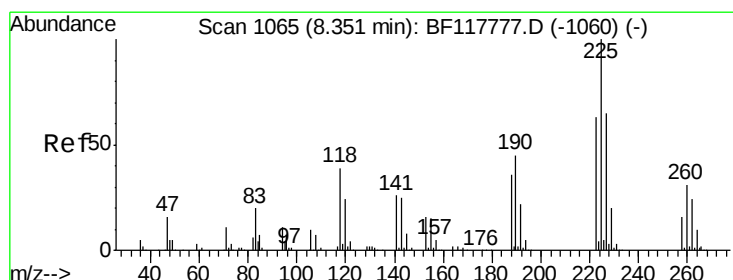
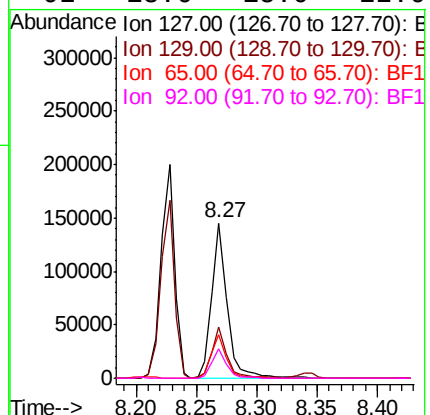
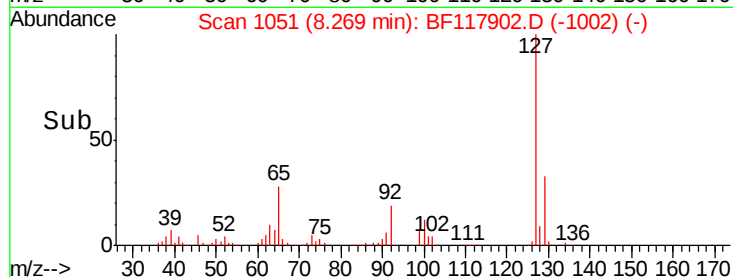
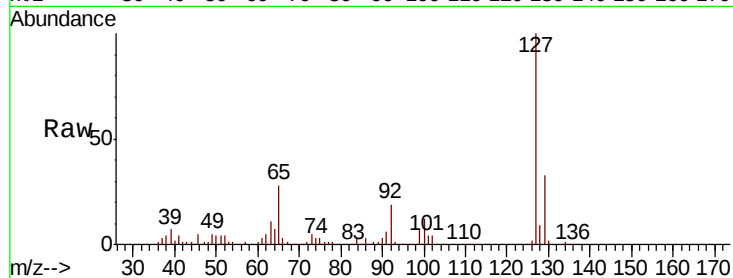




#33
4-Chloroaniline
Concen: 10.473 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

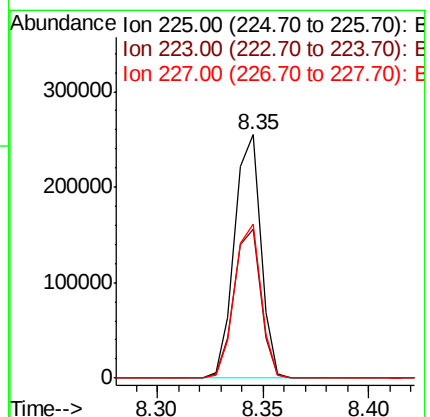
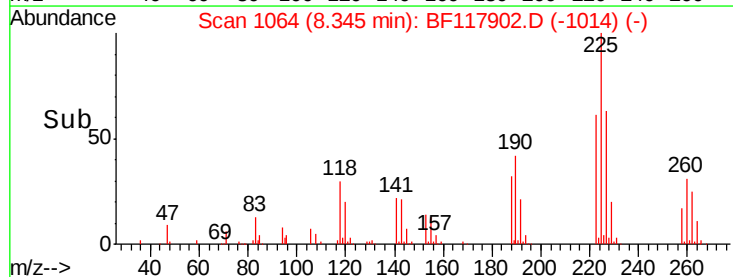
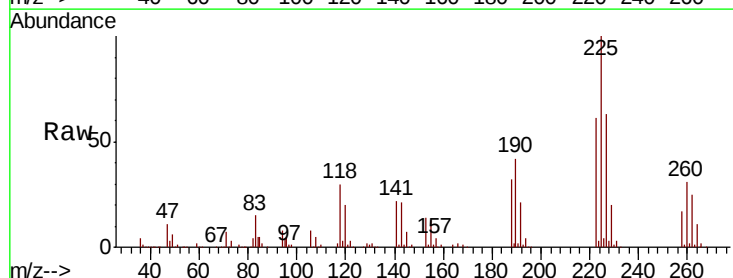
Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

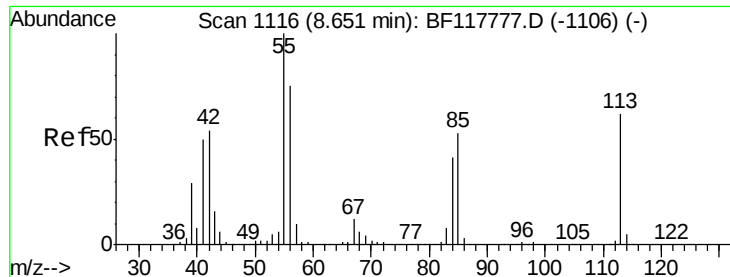
Tot Ion:	127	Resp:	130601
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.5	39.7
65	28.1	22.9	34.3
92	18.6	15.0	22.6



#34
Hexachlorobutadiene
Concen: 38.054 ng
RT: 8.35 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion:	225	Resp:	219540
Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.0	75.0
227	63.0	51.8	77.6

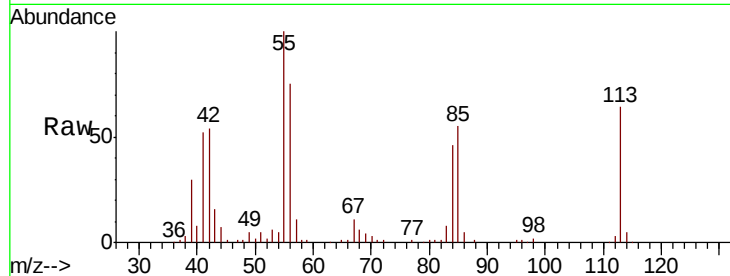




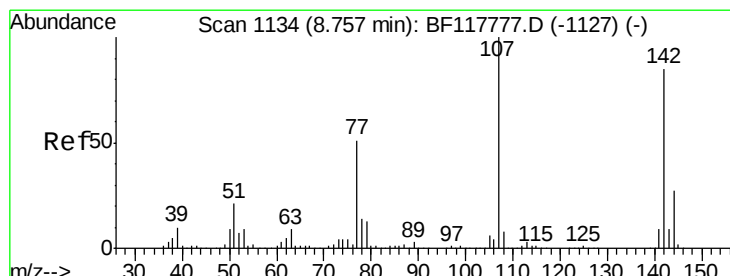
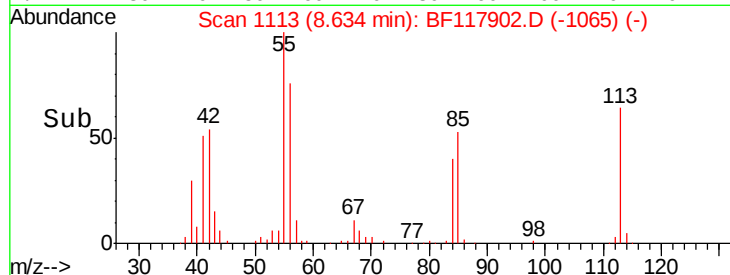
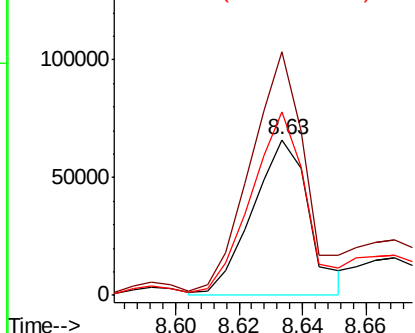
#35
Caprolactam
Concen: 30.324 ng
RT: 8.63 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion:113 Resp: 81987
Ion Ratio Lower Upper
113 100
55 156.4 141.1 181.1
56 117.5 100.5 140.5

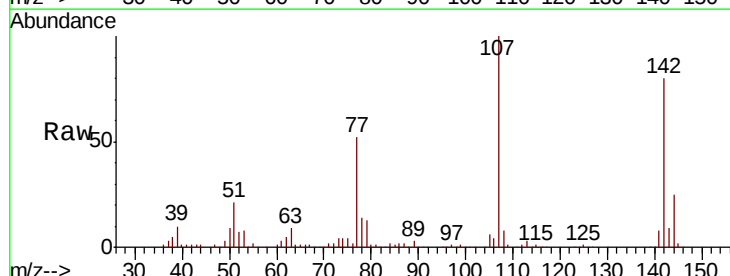


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

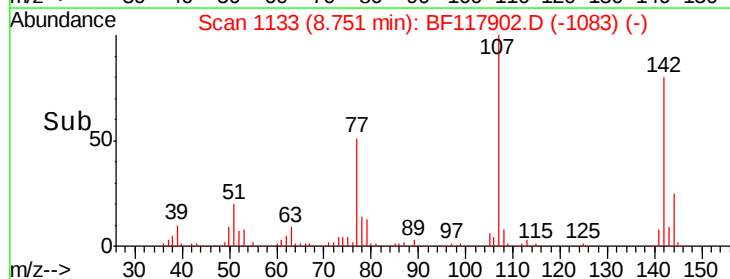
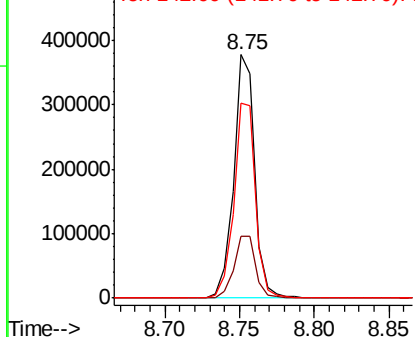


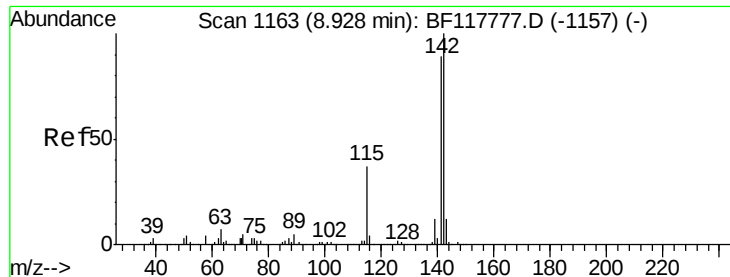
#36
4-Chloro-3-methylphenol
Concen: 43.173 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion:107 Resp: 372733
Ion Ratio Lower Upper
107 100
144 25.5 21.9 32.9
142 79.9 67.7 101.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

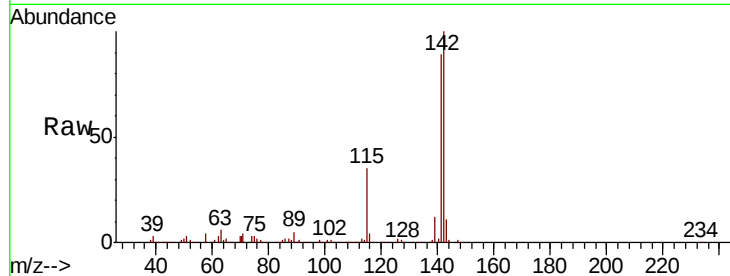




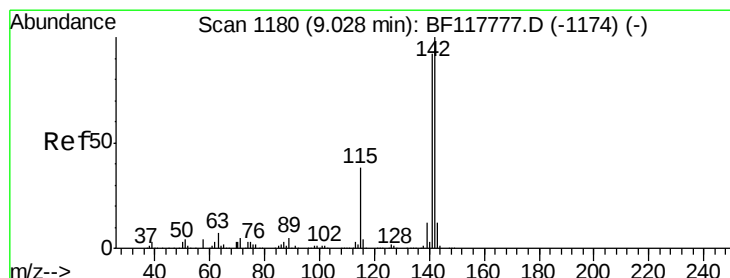
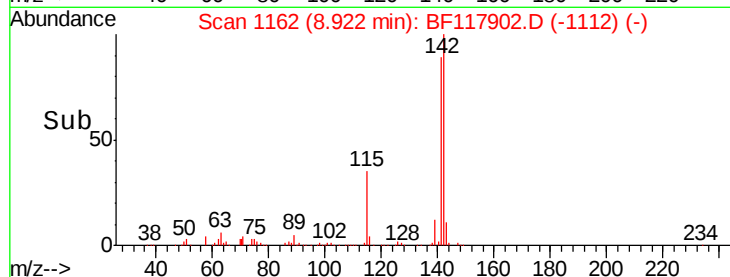
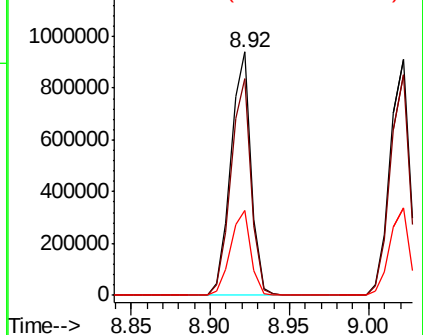
#37
2-Methylnaphthalene
Concen: 44.395 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion:142 Resp: 835574
Ion Ratio Lower Upper
142 100
141 89.2 71.1 106.7
115 34.8 29.2 43.8

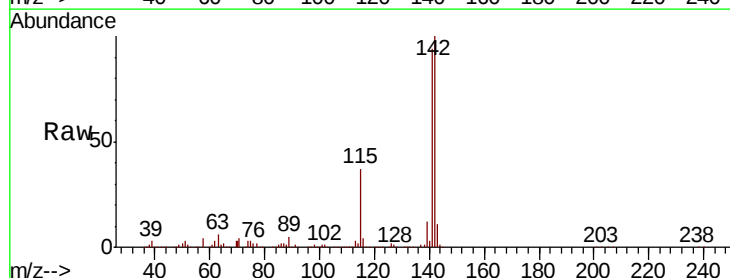


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

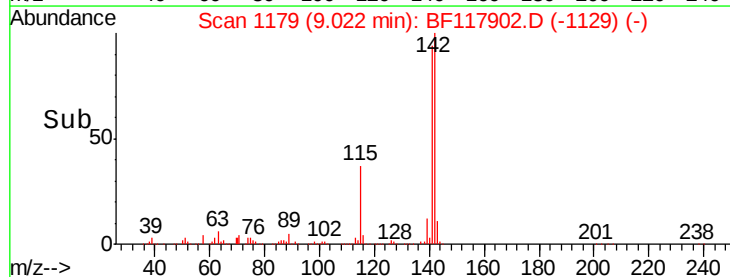
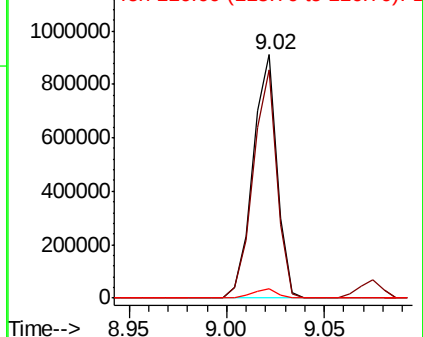


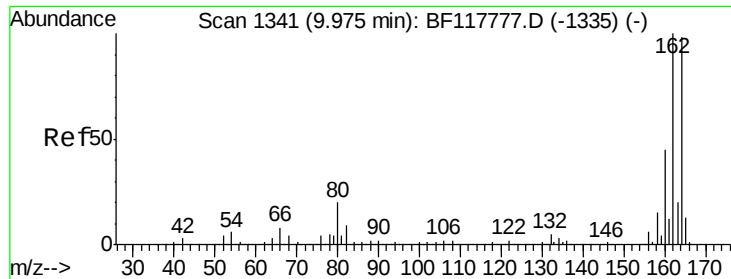
#38
1-Methylnaphthalene
Concen: 43.752 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion:142 Resp: 778512
Ion Ratio Lower Upper
142 100
141 93.7 73.5 110.3
116 3.8 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

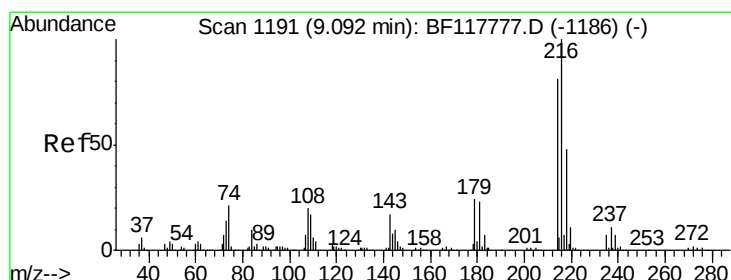
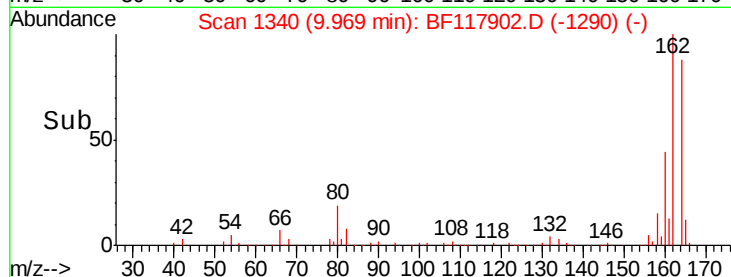
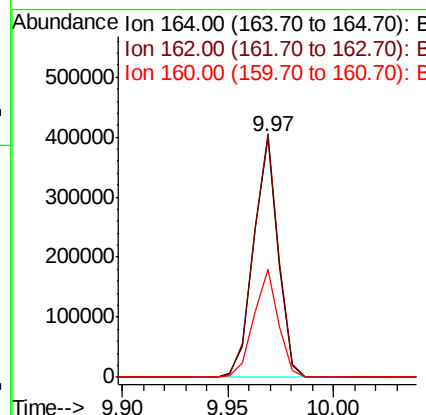
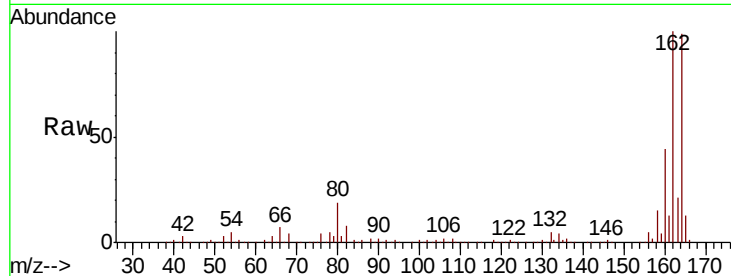




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

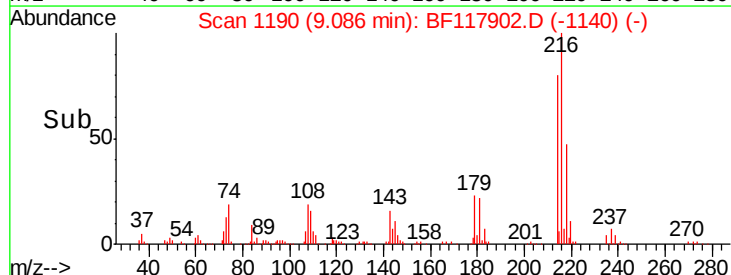
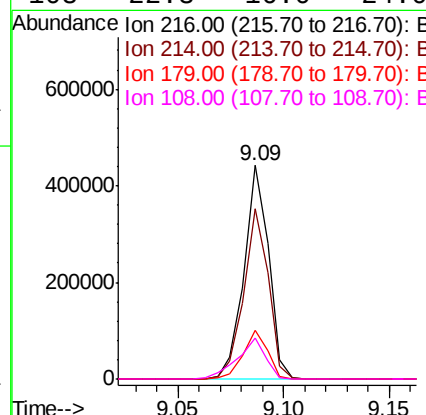
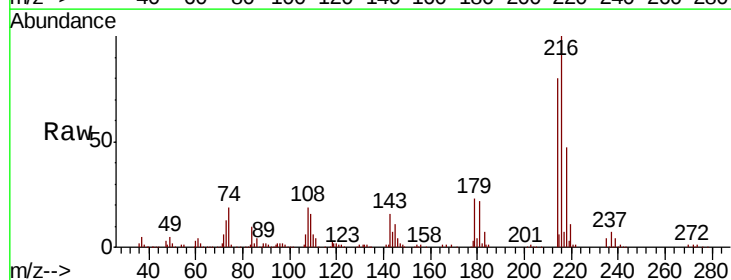
Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

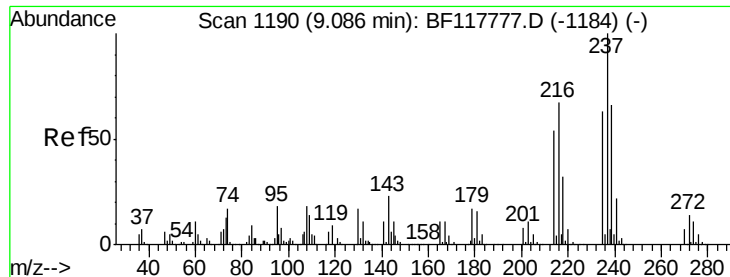
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.3	121.9
160	45.0	36.6	55.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.101 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.4	95.0
179	22.8	18.2	27.4
108	22.3	16.0	24.0





#41

Hexachlorocyclopentadiene

Concen: 85.816 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

1-(2-4)MS

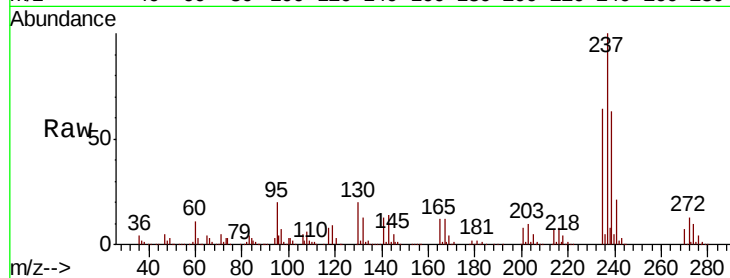
Tot Ion:237 Resp: 448185

Ion Ratio Lower Upper

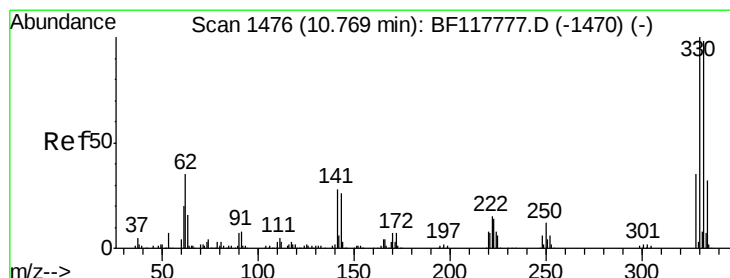
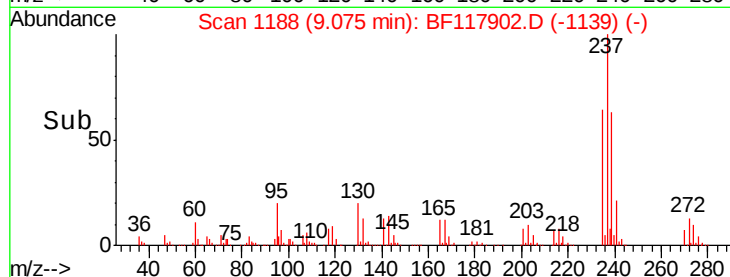
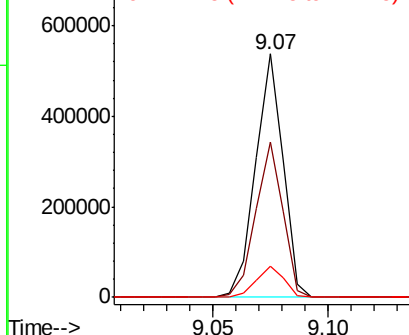
237 100

235 63.8 42.6 82.6

272 12.8 0.0 34.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 83.689 ng

RT: 10.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

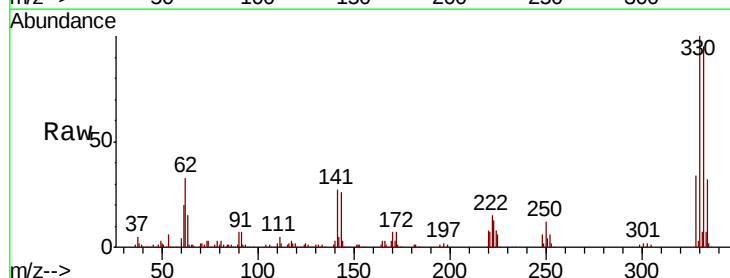
Tgt Ion:330 Resp: 284323

Ion Ratio Lower Upper

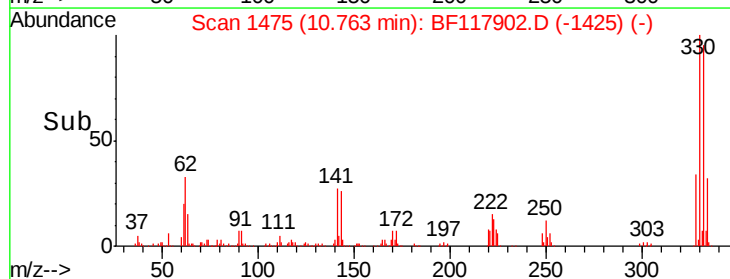
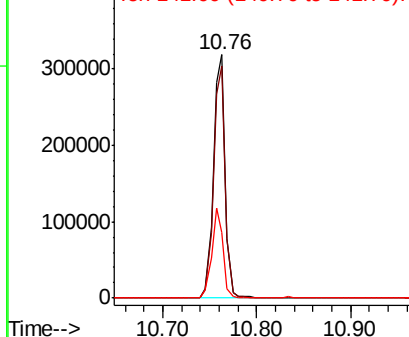
330 100

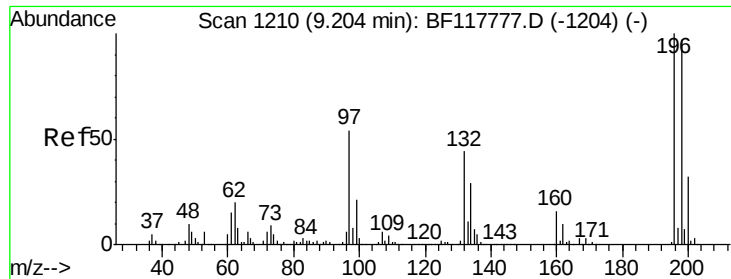
332 94.7 76.7 115.1

141 35.7 27.7 41.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

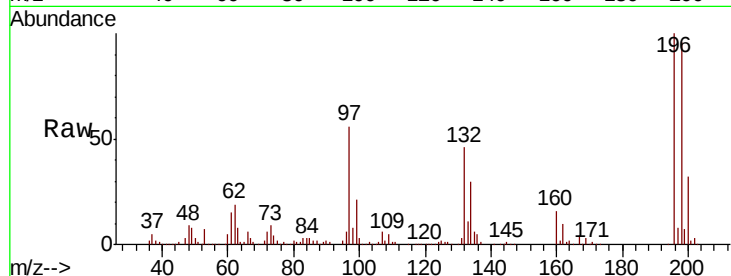




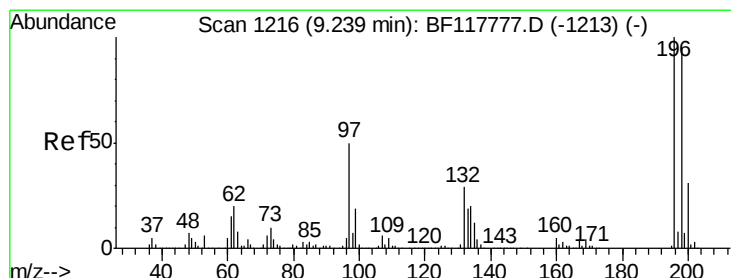
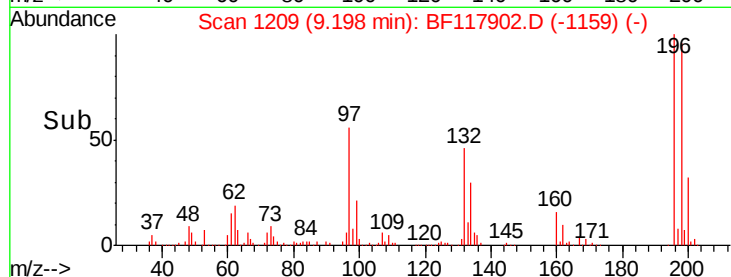
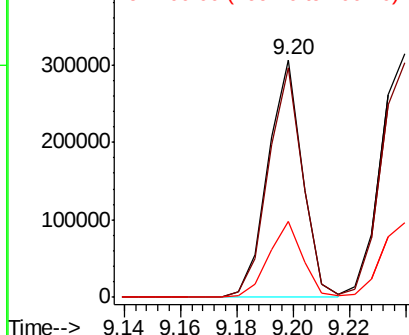
#43
 2,4,6-Trichlorophenol
 Concen: 38.719 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF117902.D
 Acq: 21 Nov 2019 10:46

Instrument :
 BNA_F
 ClientSampleId :
 1-(2-4)MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.8	116.6
200	31.8	25.4	38.0



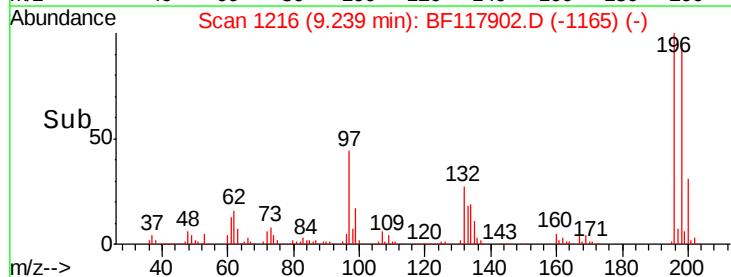
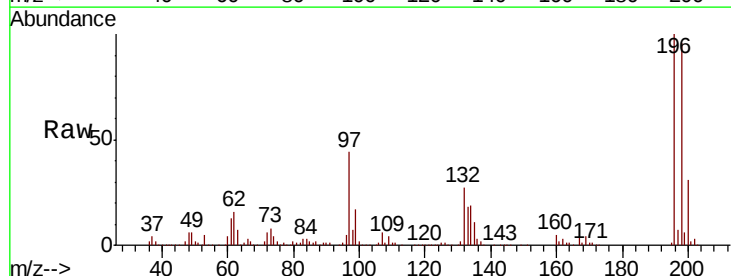
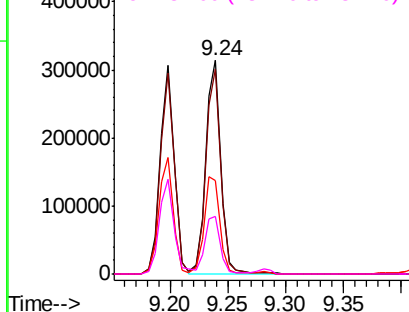
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

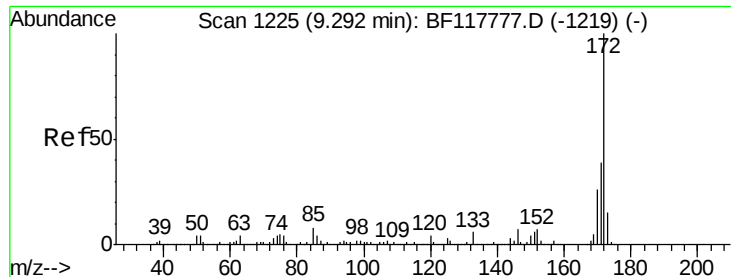


#44
 2,4,5-Trichlorophenol
 Concen: 41.246 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF117902.D
 Acq: 21 Nov 2019 10:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.3	114.5
97	43.8	40.0	60.0
132	26.7	23.6	35.4

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

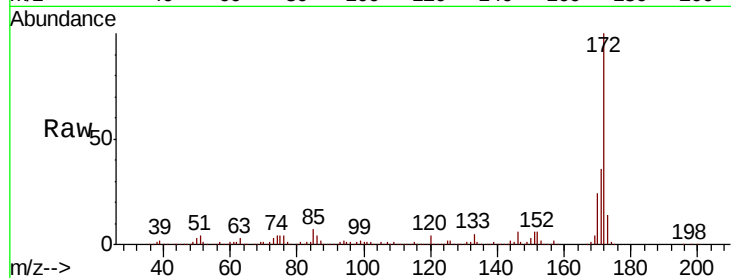




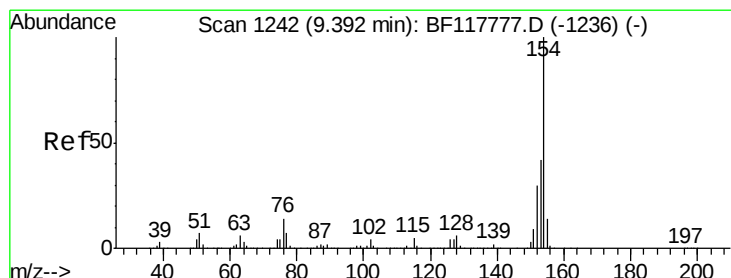
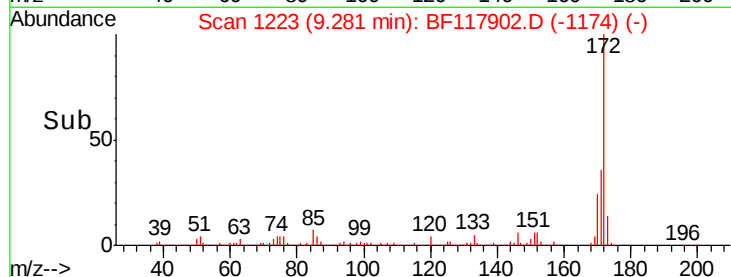
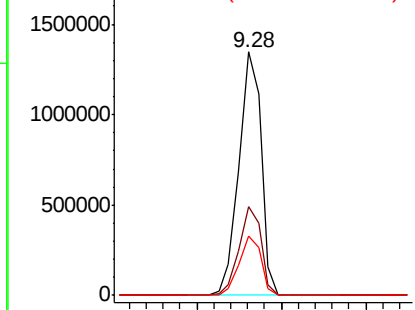
#45
2-Fluorobiphenyl
Concen: 69.099 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion:172 Resp: 1236001
Ion Ratio Lower Upper
172 100
171 36.4 30.9 46.3
170 24.3 21.0 31.4

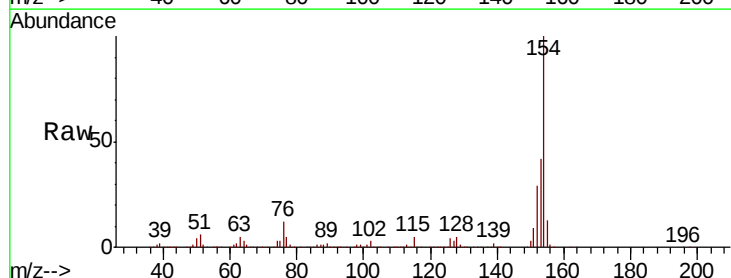


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

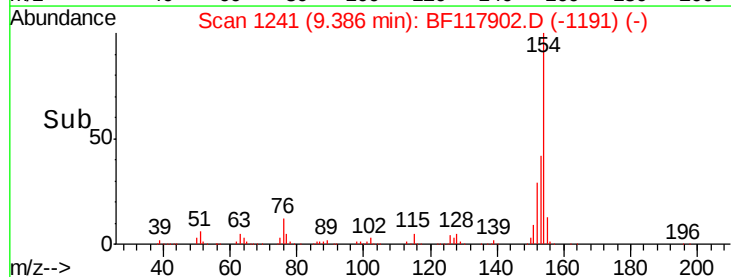
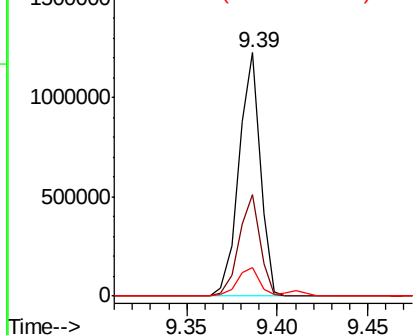


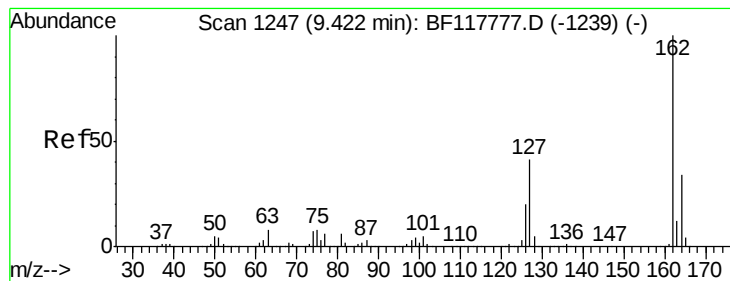
#46
1,1'-Biphenyl
Concen: 42.175 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion:154 Resp: 1004112
Ion Ratio Lower Upper
154 100
153 41.7 21.9 61.9
76 11.7 0.0 33.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 39.467 ng

RT: 9.41 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

1-(2-4)MS

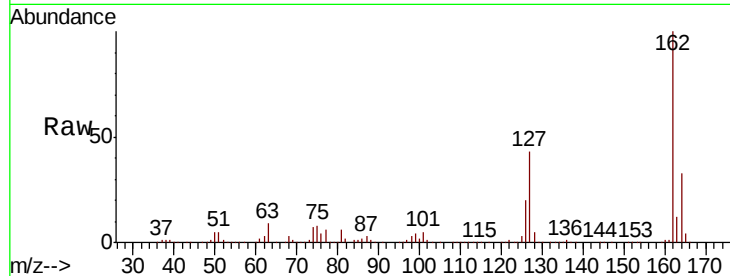
Tot Ion:162 Resp: 772987

Ion Ratio Lower Upper

162 100

127 42.6 33.2 49.8

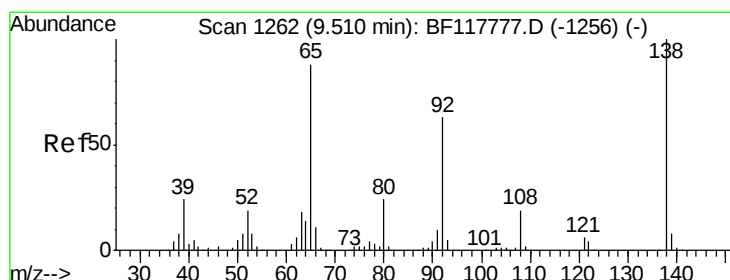
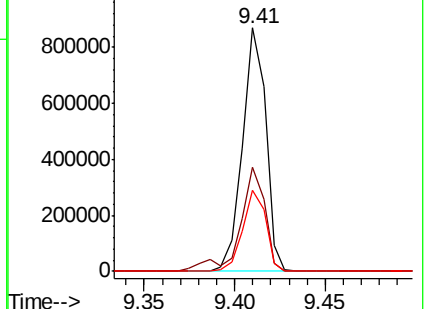
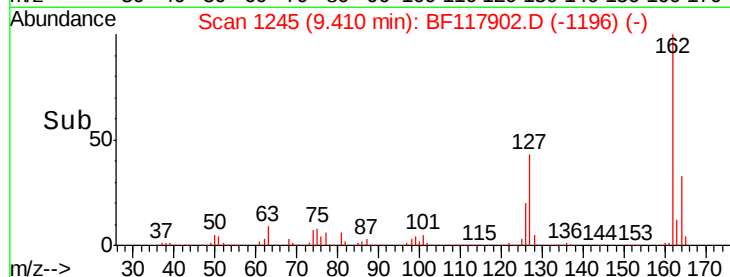
164 33.2 27.3 40.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 39.185 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

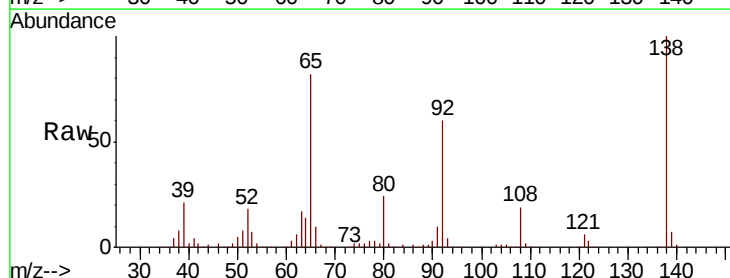
Tgt Ion: 65 Resp: 231703

Ion Ratio Lower Upper

65 100

92 72.9 56.6 84.8

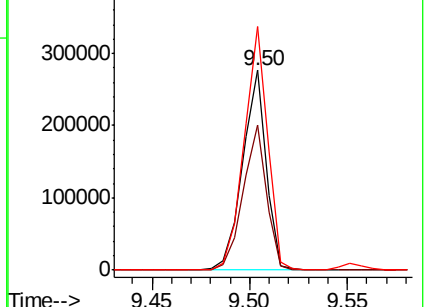
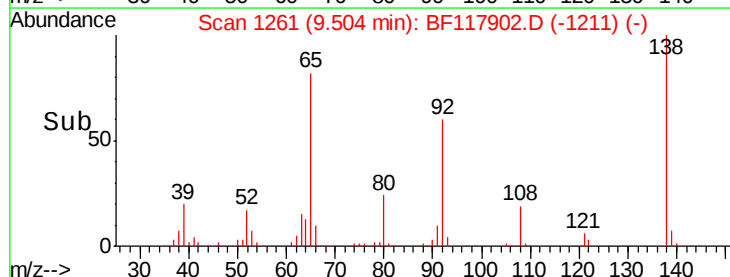
138 121.9 90.5 135.7

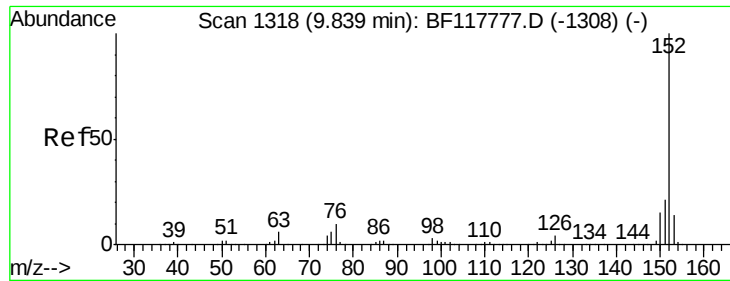


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.191 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

1-(2-4)MS

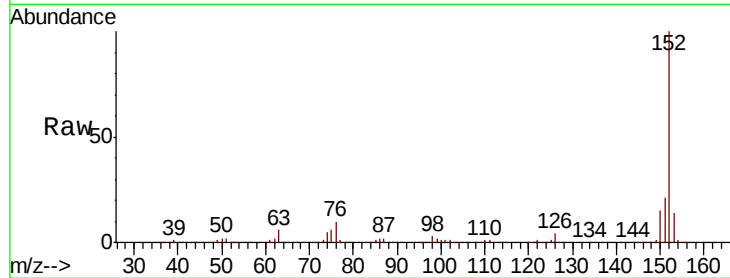
Tot Ion:152 Resp: 1233331

Ion Ratio Lower Upper

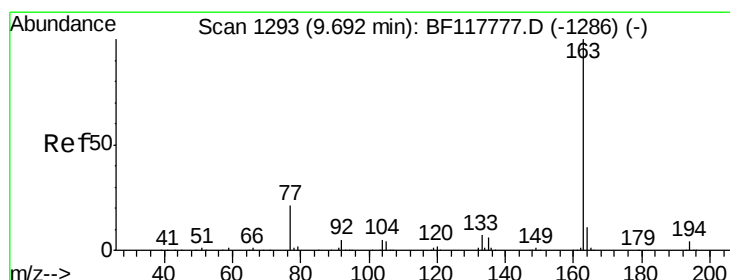
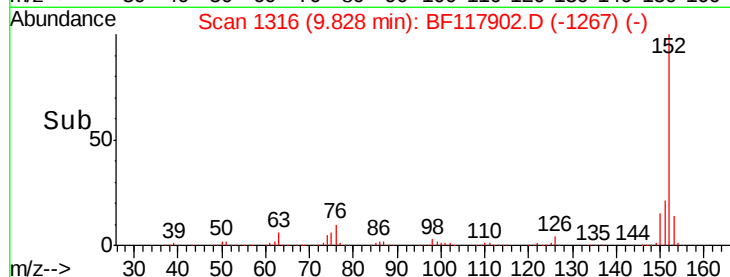
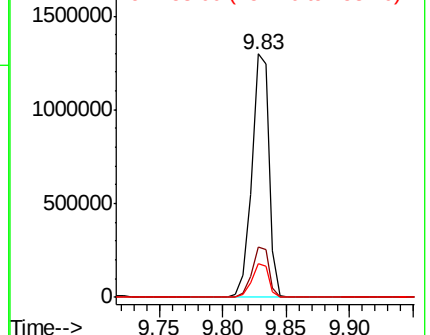
152 100

151 20.8 17.0 25.6

153 13.7 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.591 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

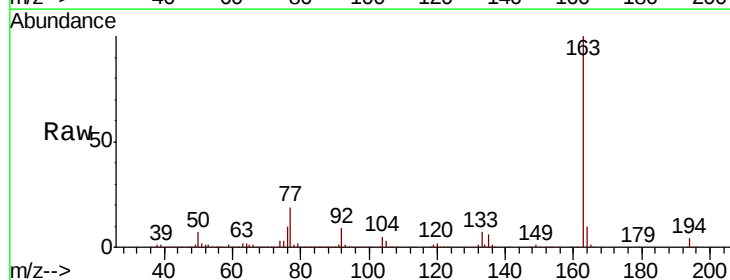
Tgt Ion:163 Resp: 1025953

Ion Ratio Lower Upper

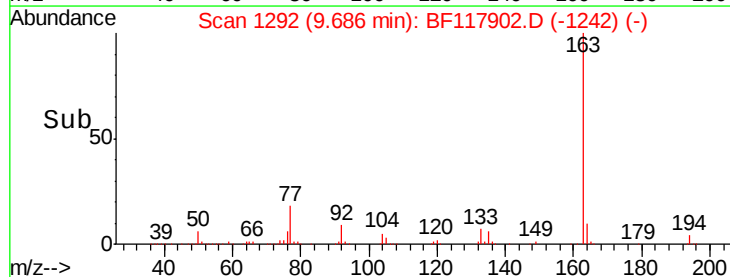
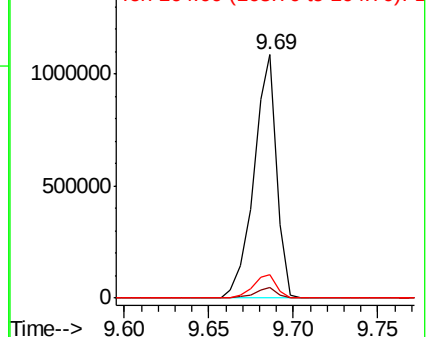
163 100

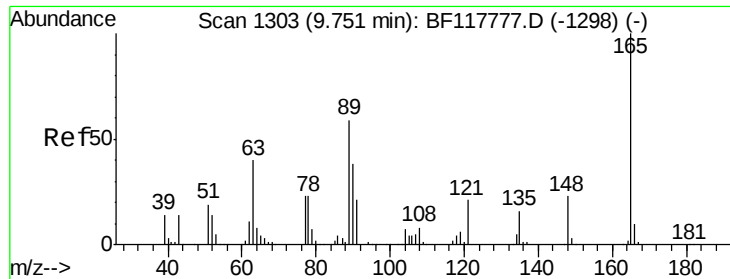
194 4.2 3.3 4.9

164 9.9 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.210 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

1-(2-4)MS

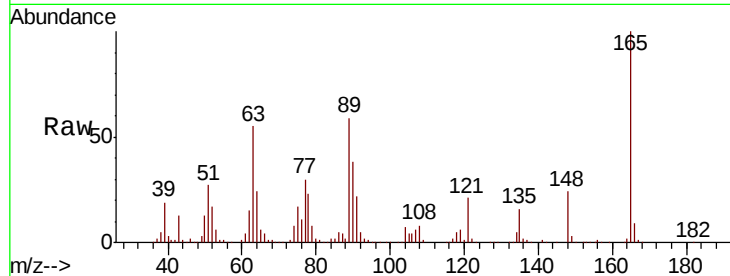
Tot Ion:165 Resp: 212513

Ion Ratio Lower Upper

165 100

63 55.4 46.0 69.0

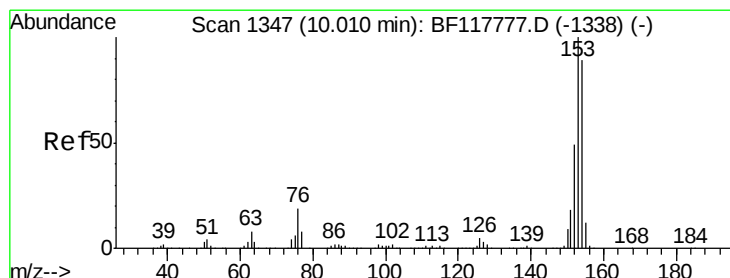
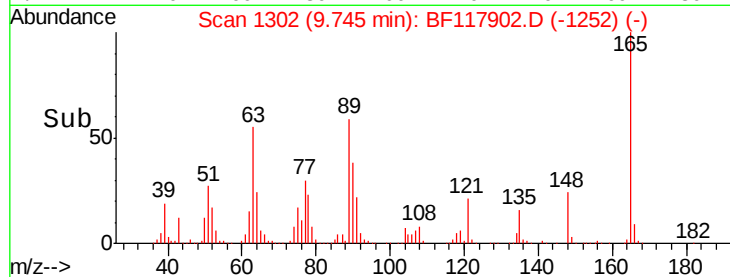
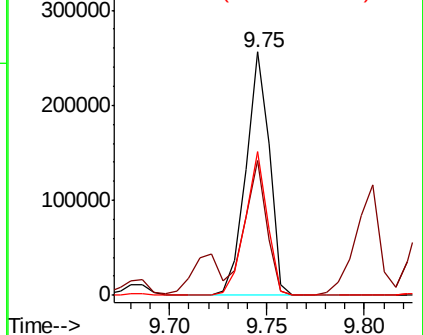
89 59.0 47.7 71.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 42.255 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

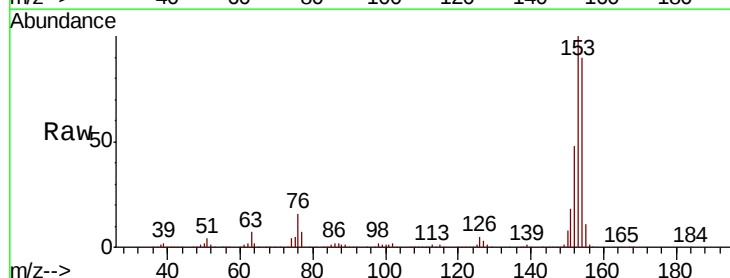
Tgt Ion:154 Resp: 772939

Ion Ratio Lower Upper

154 100

153 111.6 90.1 135.1

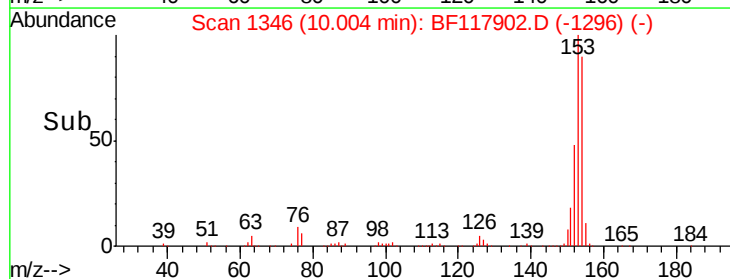
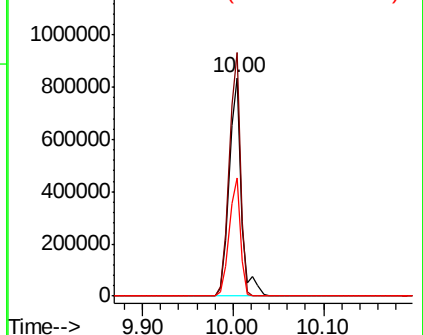
152 54.0 44.0 66.0

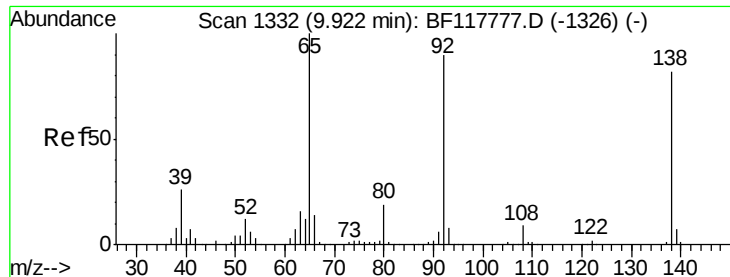


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

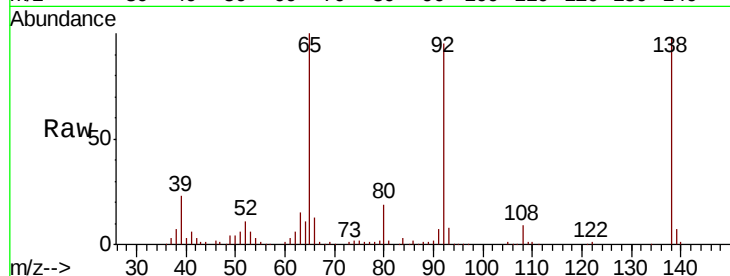




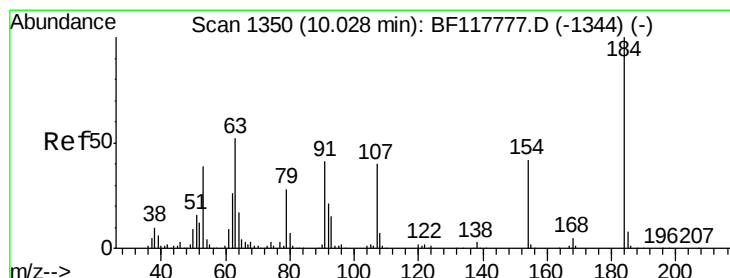
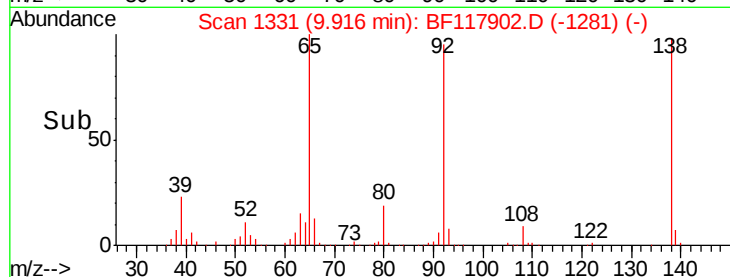
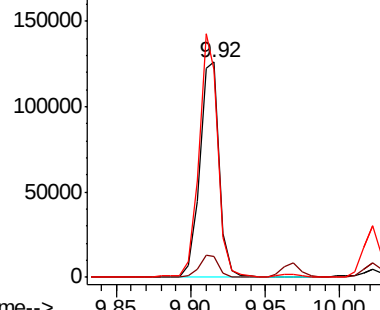
#53
 3-Nitroaniline
 Concen: 20.116 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF117902.D
 Acq: 21 Nov 2019 10:46

Instrument :
 BNA_F
 ClientSampleId :
 1-(2-4)MS

Tot Ion:138 Resp: 118380
 Ion Ratio Lower Upper
 138 100
 108 9.4 8.6 12.8
 92 96.7 87.9 131.9

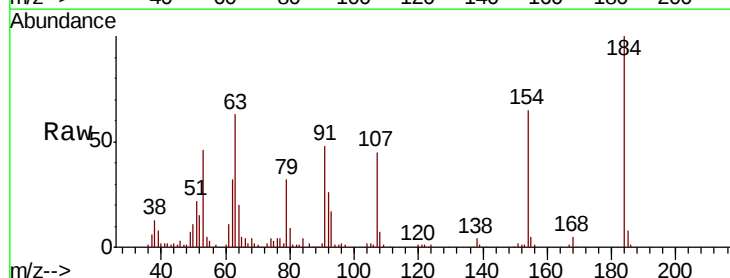


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

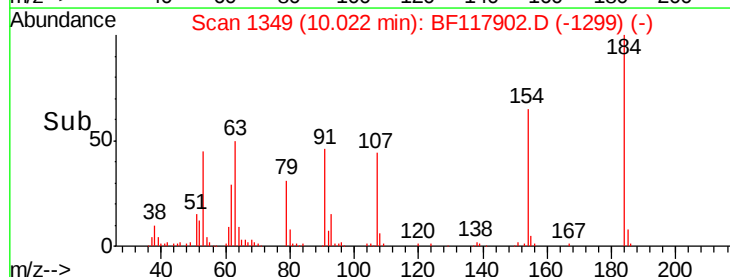
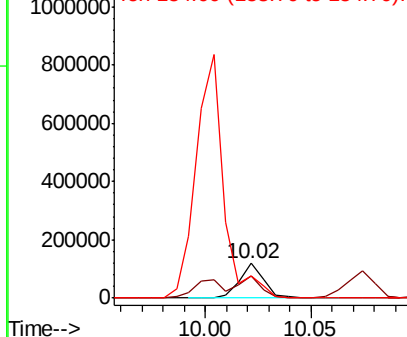


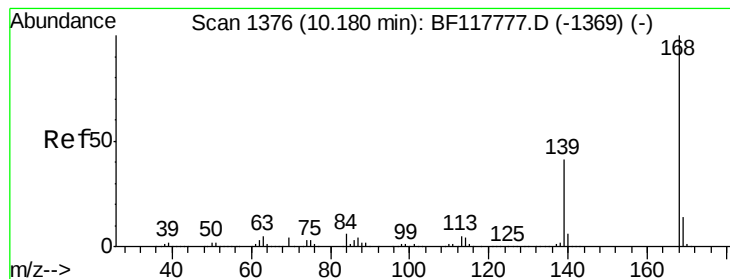
#54
 2,4-Dinitrophenol
 Concen: 41.240 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF117902.D
 Acq: 21 Nov 2019 10:46

Tgt Ion:184 Resp: 94492
 Ion Ratio Lower Upper
 184 100
 63 63.5 43.0 64.6
 154 64.6 48.0 72.0



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 43.225 ng

RT: 10.17 min Scan# 1375

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

1-(2-4)MS

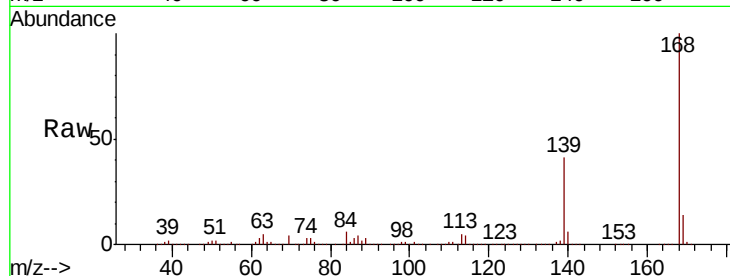
Tot Ion:168 Resp: 1094903

Ion Ratio Lower Upper

168 100

139 41.0 33.0 49.6

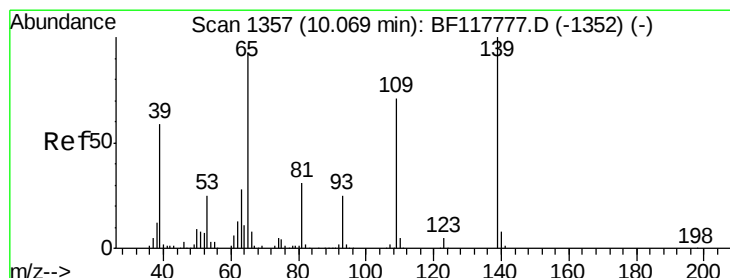
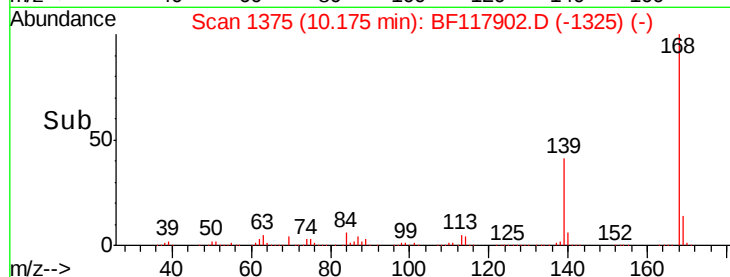
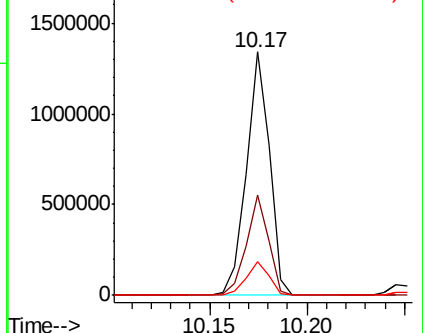
169 13.7 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 77.941 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

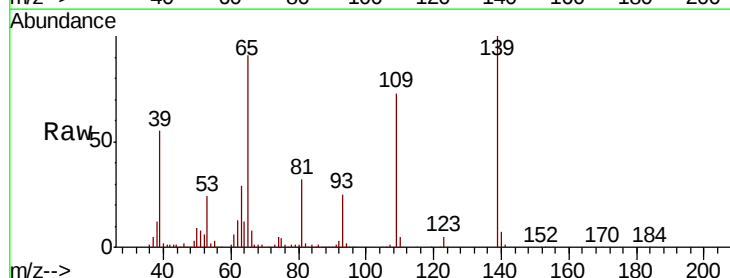
Tgt Ion:139 Resp: 342374

Ion Ratio Lower Upper

139 100

109 73.4 50.8 90.8

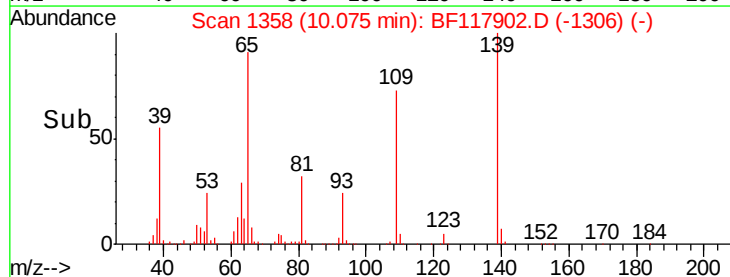
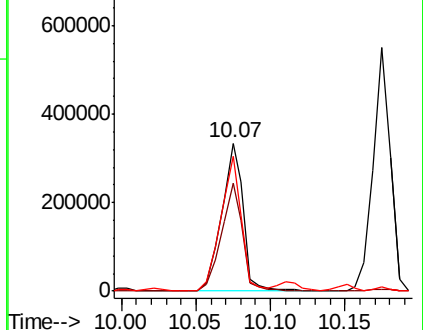
65 91.3 73.6 113.6

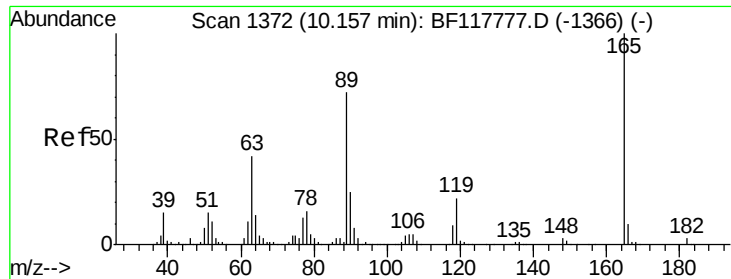


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

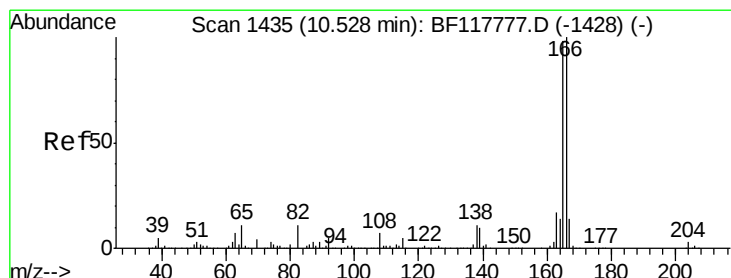
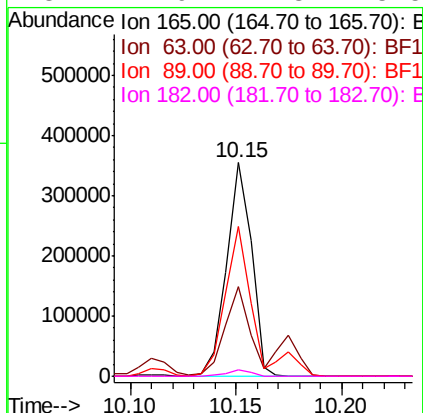
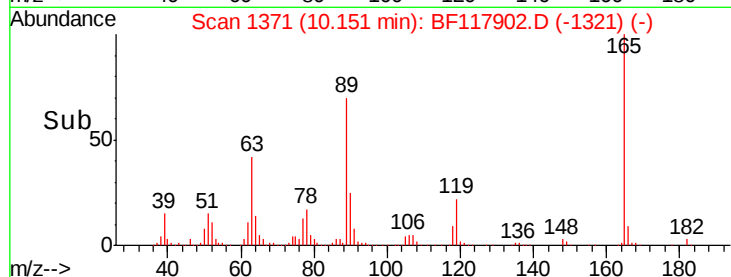
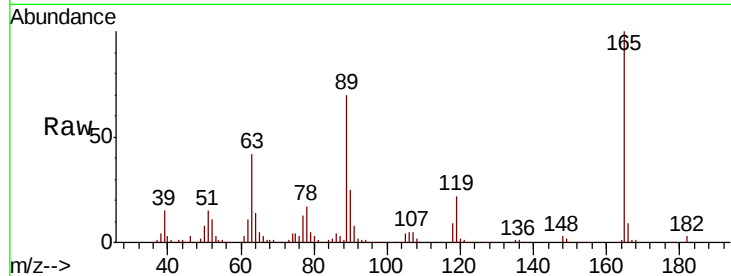




#57
2,4-Dinitrotoluene
Concen: 46.027 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

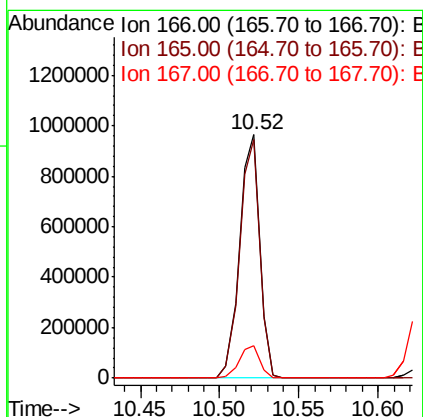
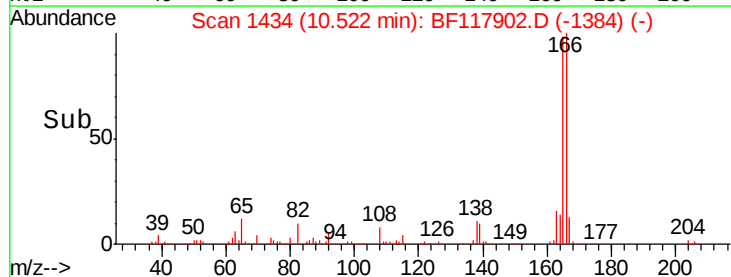
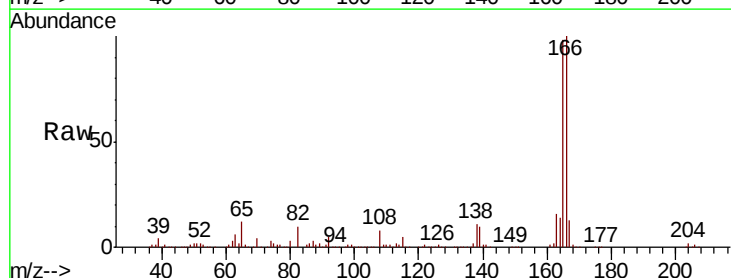
Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

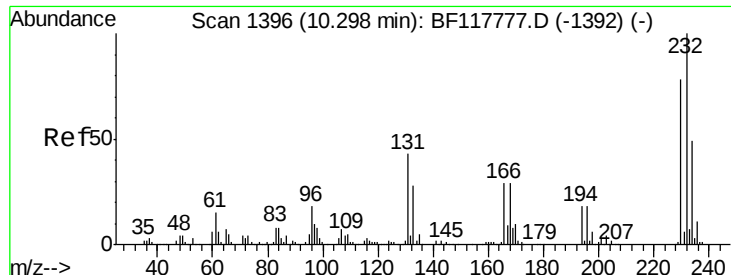
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.8	33.7	50.5
89	70.3	57.3	85.9
182	2.9	2.3	3.5



#58
Fluorene
Concen: 43.400 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.4	117.6
167	13.3	11.0	16.4

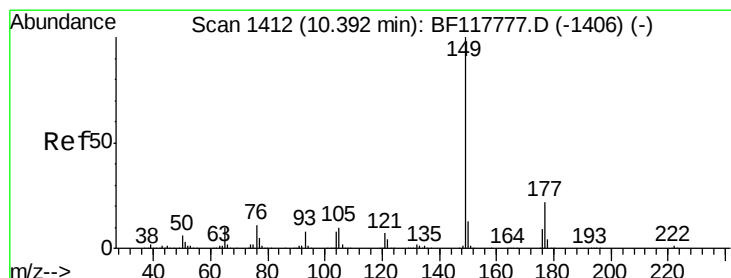
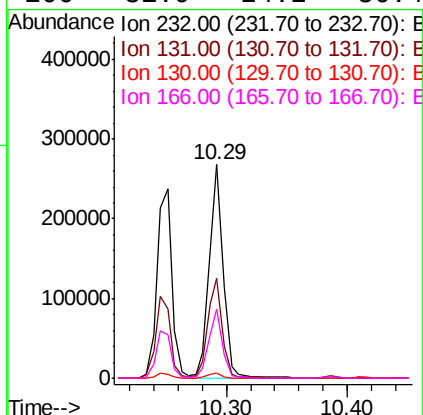
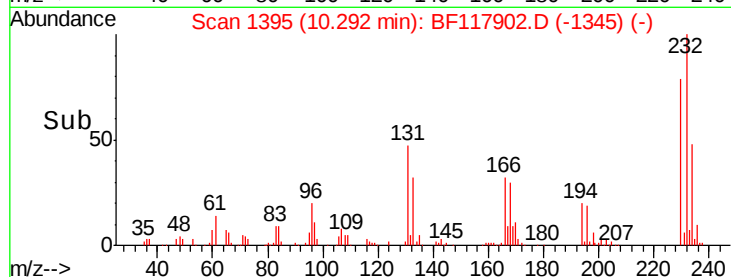
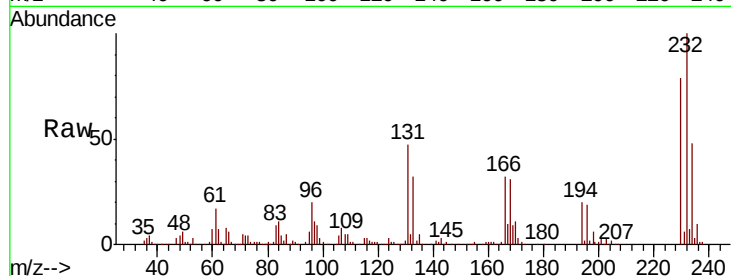




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.726 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF117902.D
 Acq: 21 Nov 2019 10:46

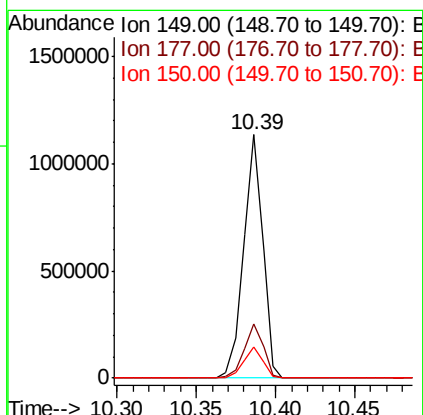
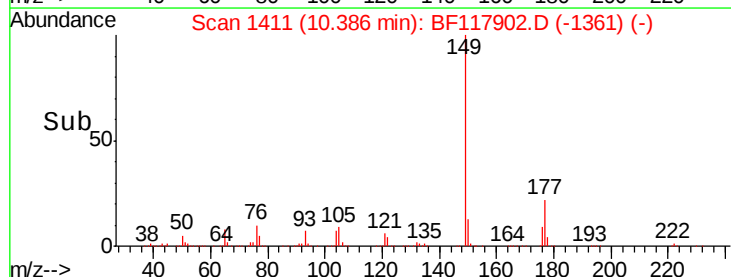
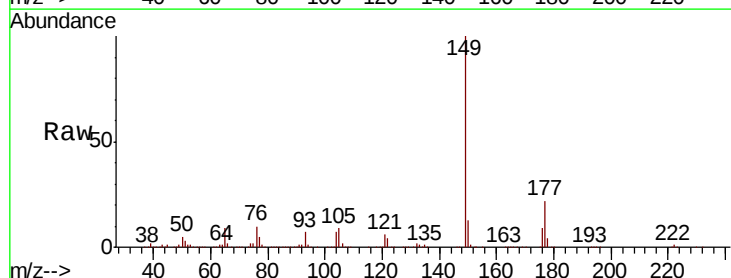
Instrument :
 BNA_F
 ClientSampleId :
 1-(2-4)MS

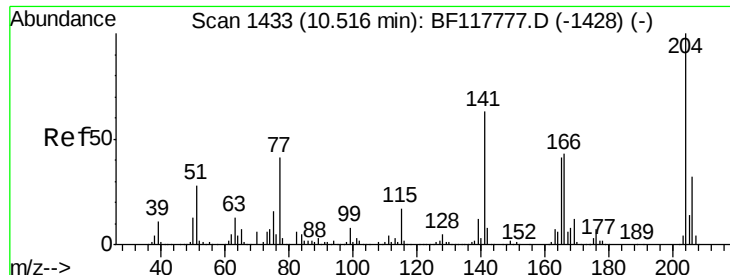
Tot Ion	Ratio	Lower	Upper
232	100		
131	48.2	37.6	56.4
130	2.5	1.9	2.9
166	31.9	24.2	36.4



#60
 Diethylphthalate
 Concen: 43.098 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF117902.D
 Acq: 21 Nov 2019 10:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.0	27.0
150	12.8	10.5	15.7

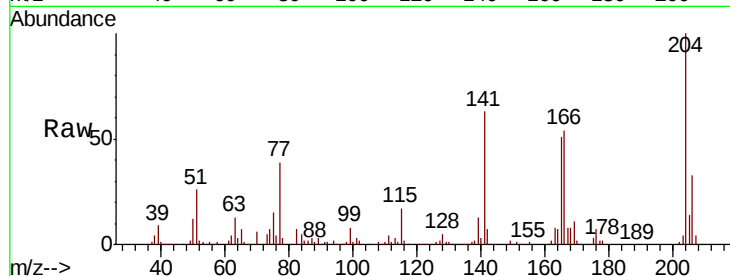




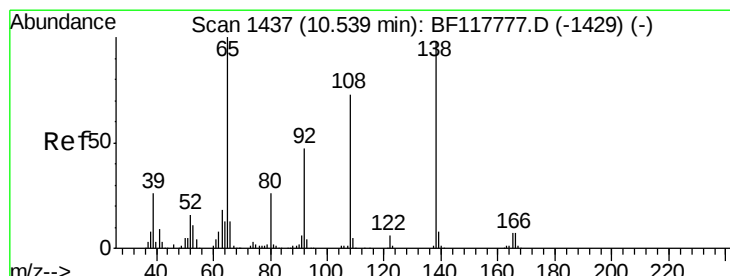
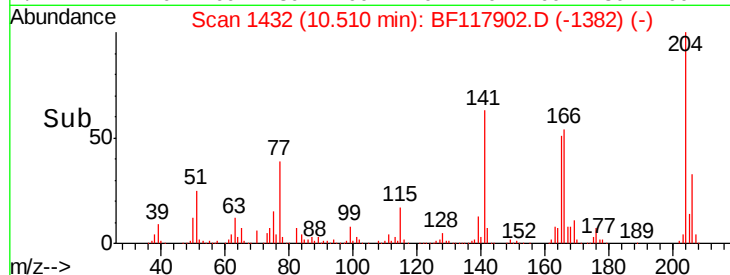
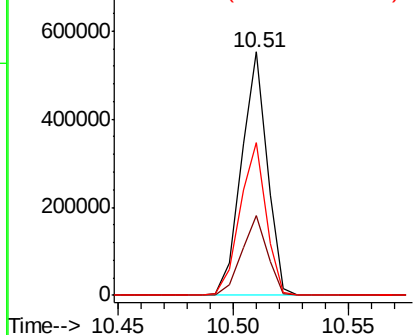
#61
4-Chlorophenyl-phenylether
Concen: 43.150 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion:204 Resp: 429847
Ion Ratio Lower Upper
204 100
206 32.5 25.6 38.4
141 62.7 50.7 76.1

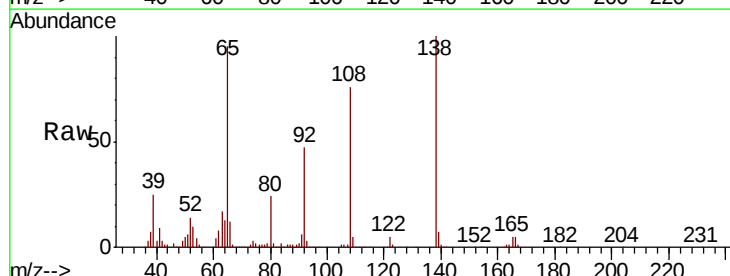


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

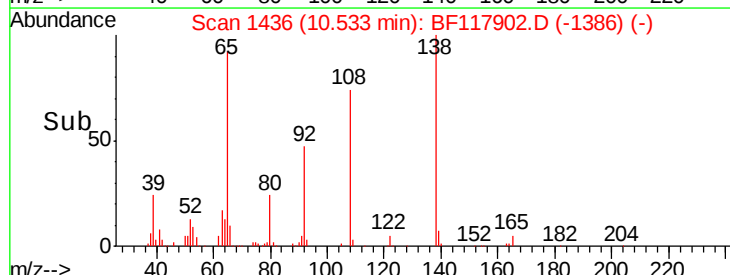
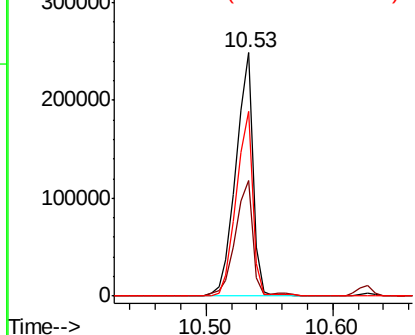


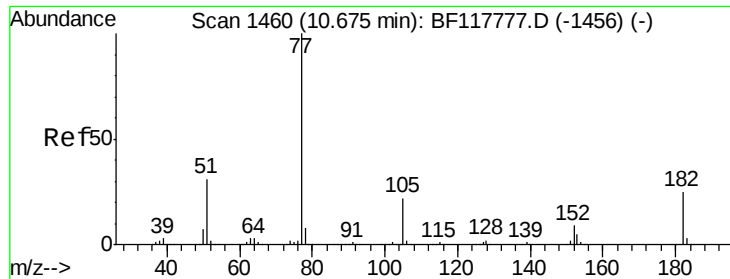
#62
4-Nitroaniline
Concen: 39.277 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion:138 Resp: 231432
Ion Ratio Lower Upper
138 100
92 47.4 28.3 68.3
108 75.7 54.3 94.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 42.792 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

1-(2-4)MS

Tot Ion: 77 Resp: 854105

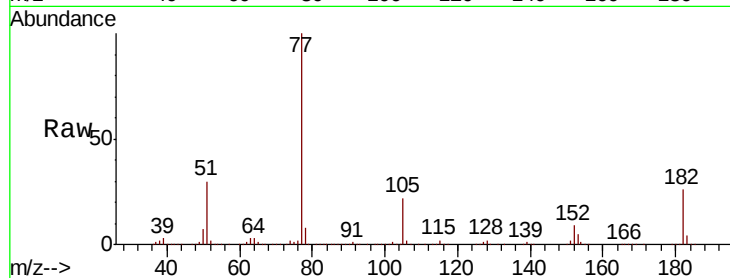
Ion Ratio Lower Upper

77 100

182 26.2 4.8 44.8

105 21.7 2.1 42.1

51 30.2 11.4 51.4

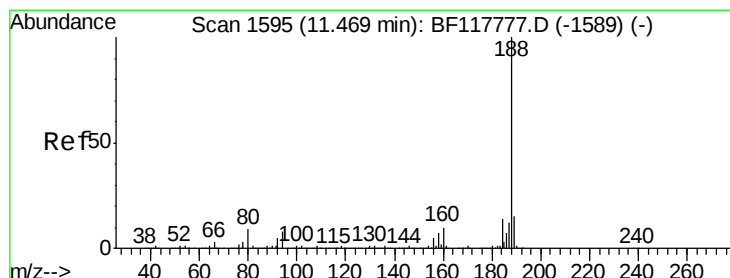
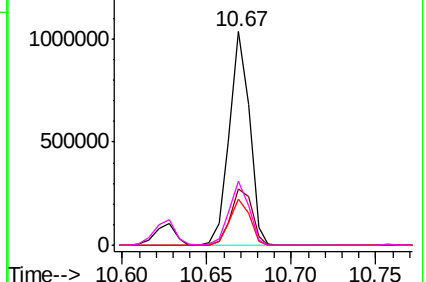
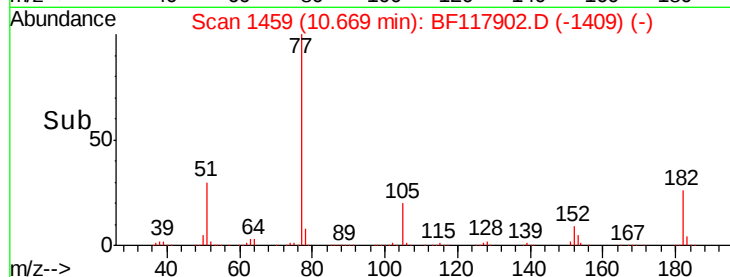


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

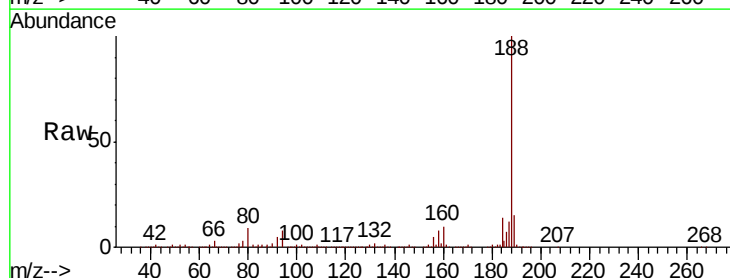
Tgt Ion: 188 Resp: 624379

Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

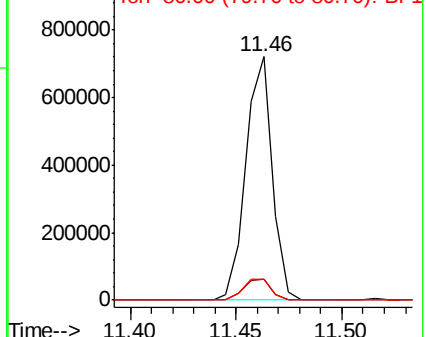
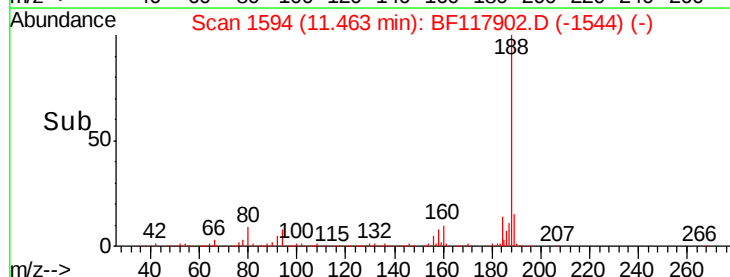
80 8.7 7.2 10.8

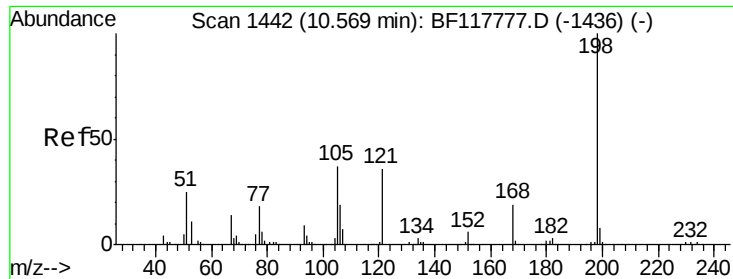


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

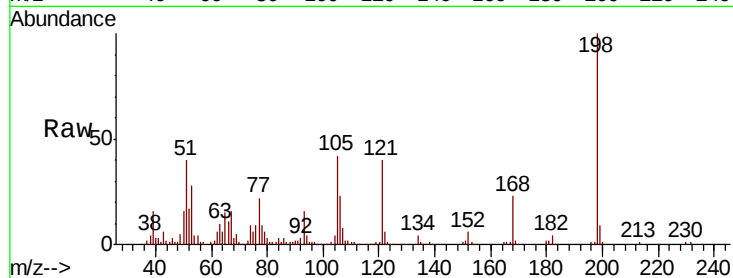




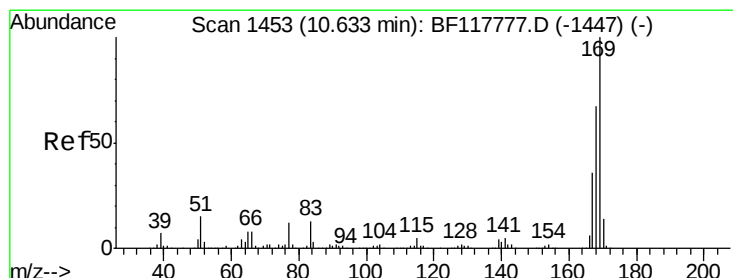
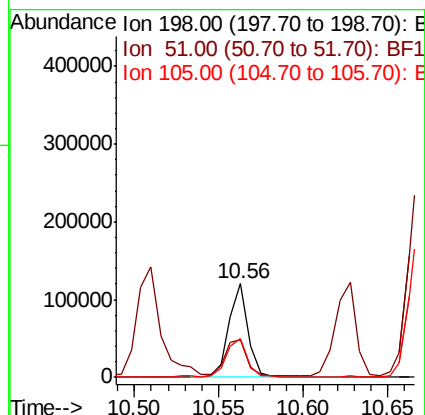
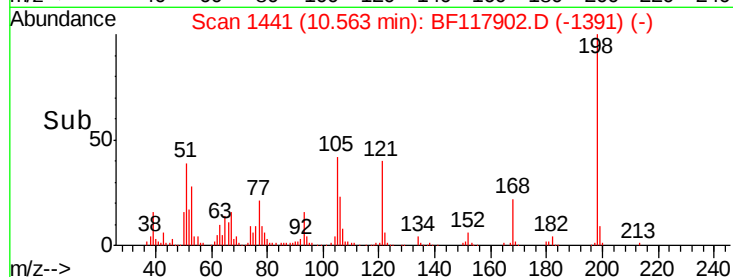
#65
4,6-Dinitro-2-methylphenol
Concen: 32.690 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion:198 Resp: 95287
Ion Ratio Lower Upper
198 100
51 40.1 16.0 56.0
105 41.5 19.1 59.1

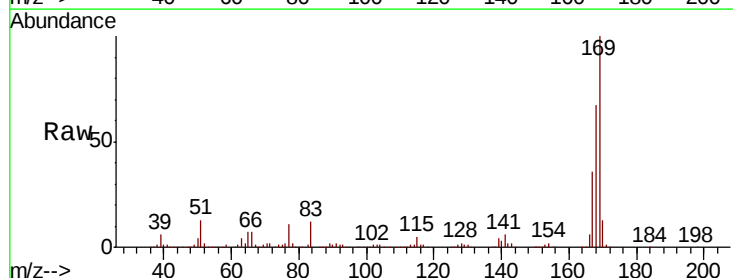


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

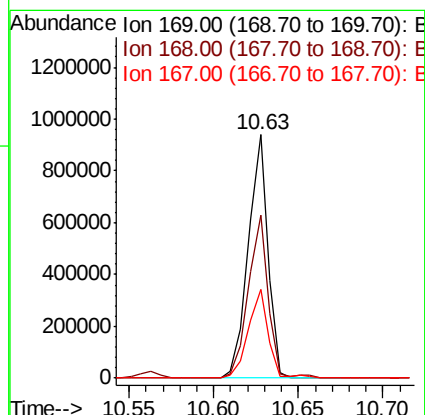
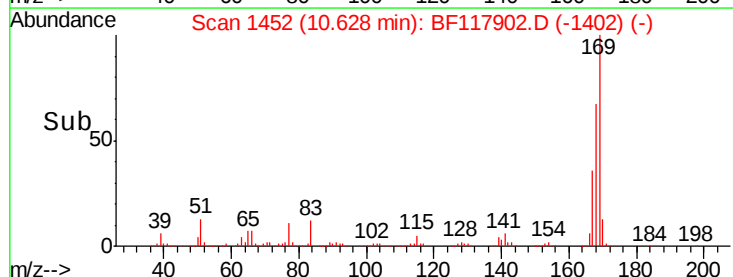


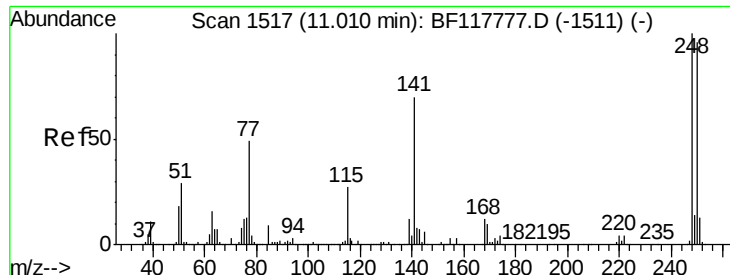
#66
n-Nitrosodiphenylamine
Concen: 42.408 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion:169 Resp: 770599
Ion Ratio Lower Upper
169 100
168 67.1 53.5 80.3
167 36.4 29.0 43.4



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

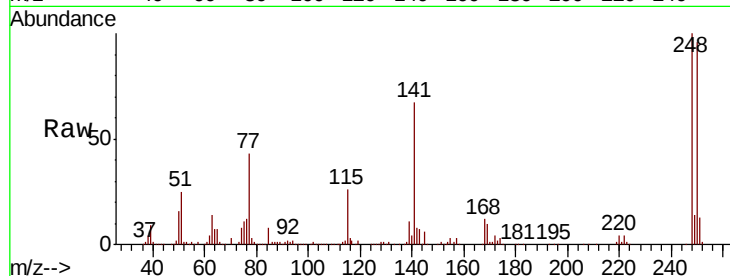




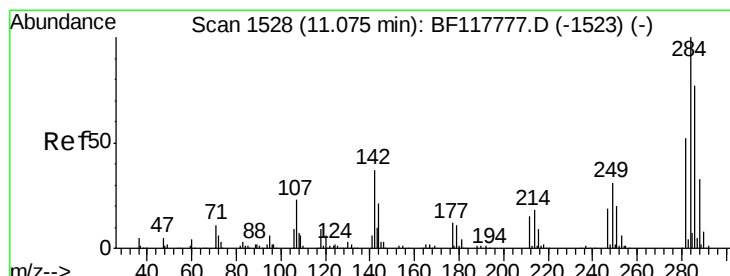
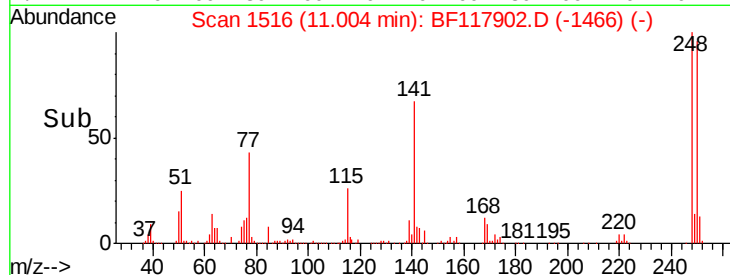
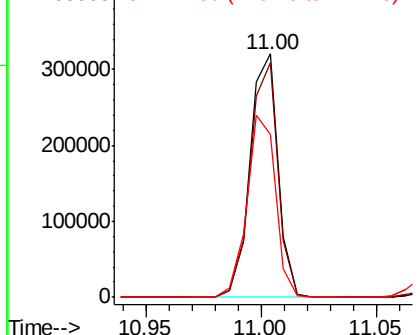
#67
4-Bromophenyl-phenylether
Concen: 40.531 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion:248 Resp: 273055
Ion Ratio Lower Upper
248 100
250 96.2 76.6 115.0
141 67.0 55.9 83.9

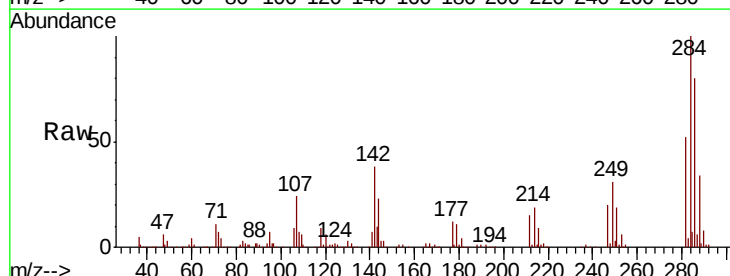


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

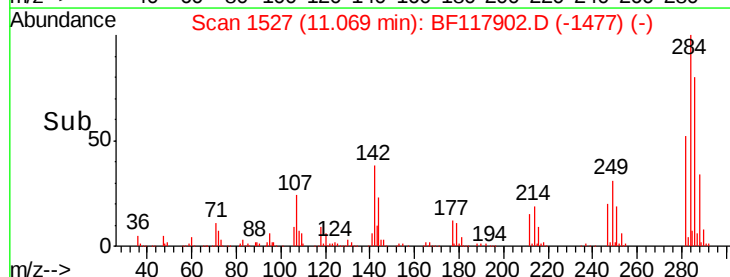
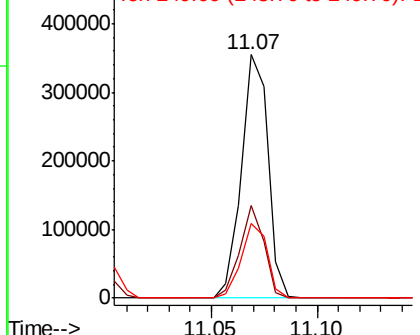


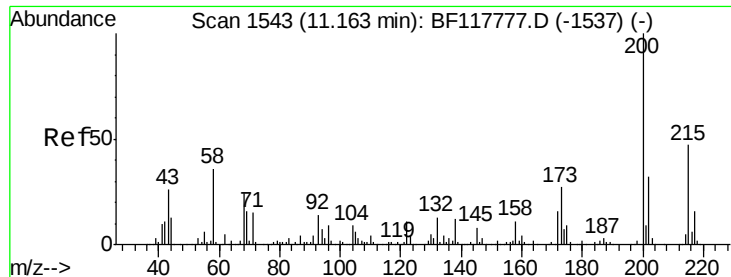
#68
Hexachlorobenzene
Concen: 39.449 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion:284 Resp: 309897
Ion Ratio Lower Upper
284 100
142 38.2 29.4 44.2
249 30.7 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 47.077 ng

RT: 11.16 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

1-(2-4)MS

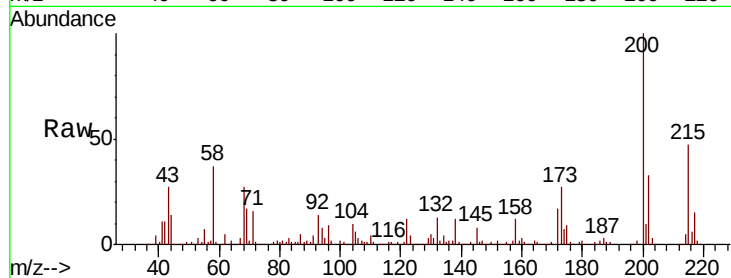
Tot Ion:200 Resp: 281403

Ion Ratio Lower Upper

200 100

173 26.7 6.7 46.7

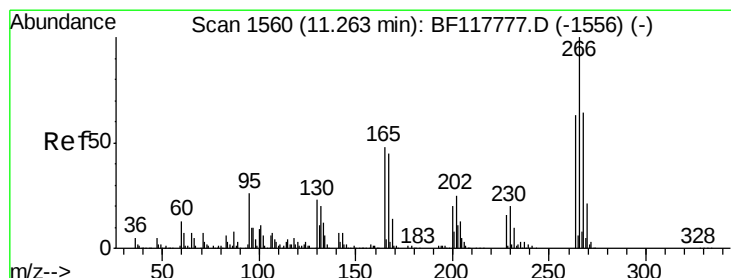
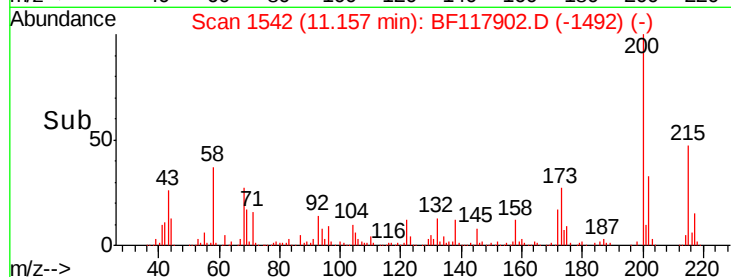
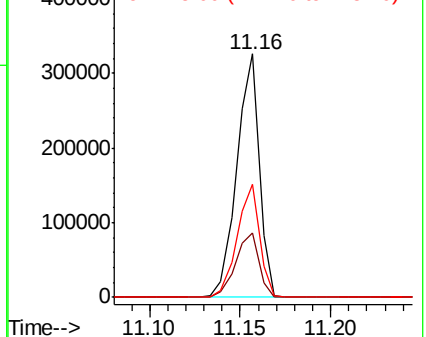
215 46.7 27.5 67.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 56.897 ng

RT: 11.26 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

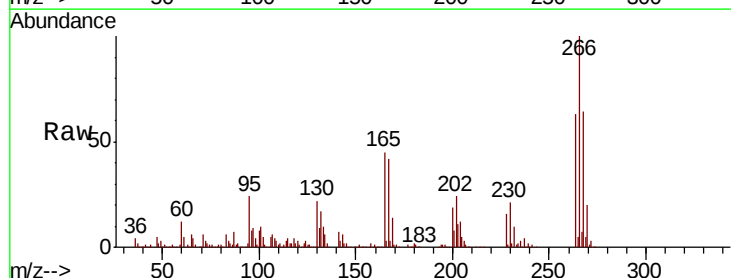
Tgt Ion:266 Resp: 261130

Ion Ratio Lower Upper

266 100

268 64.3 50.8 76.2

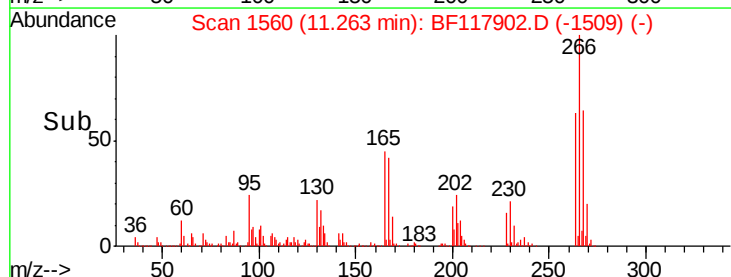
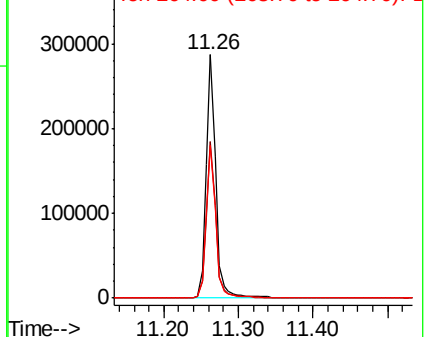
264 62.6 50.7 76.1

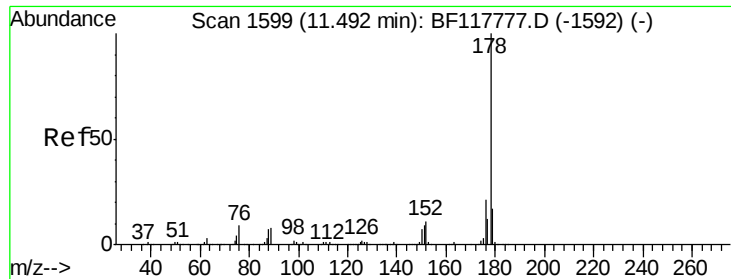


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.105 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

1-(2-4)MS

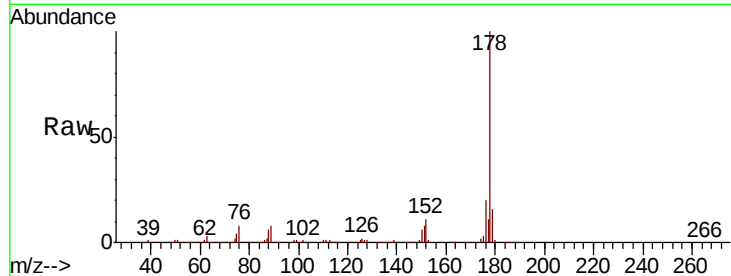
Tot Ion:178 Resp: 1353155

Ion Ratio Lower Upper

178 100

176 20.2 16.6 25.0

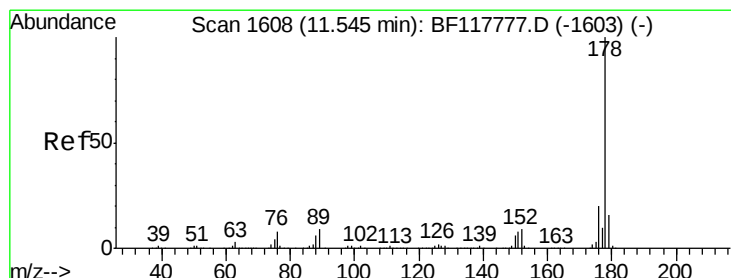
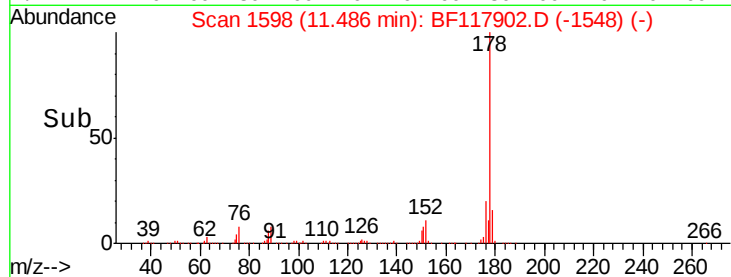
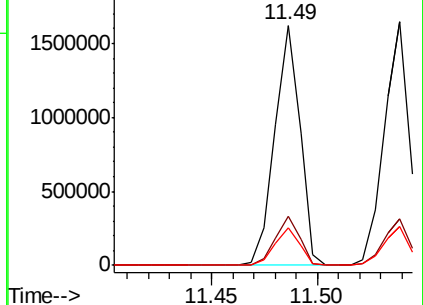
179 15.7 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.982 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

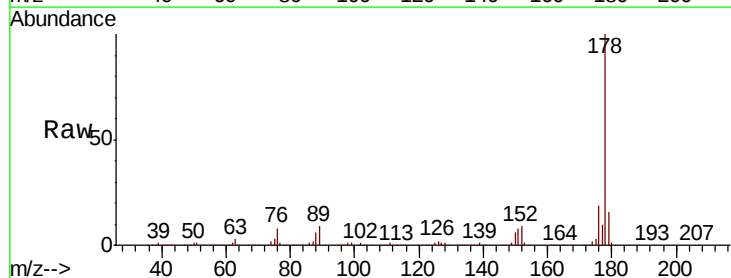
Tgt Ion:178 Resp: 1368916

Ion Ratio Lower Upper

178 100

176 19.3 16.1 24.1

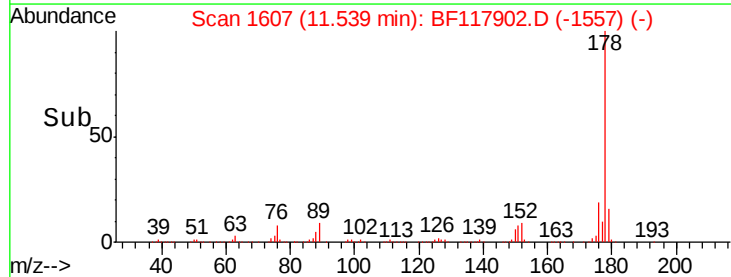
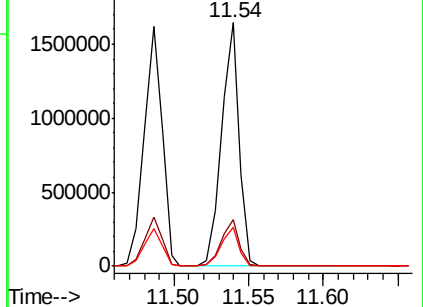
179 15.9 13.0 19.4

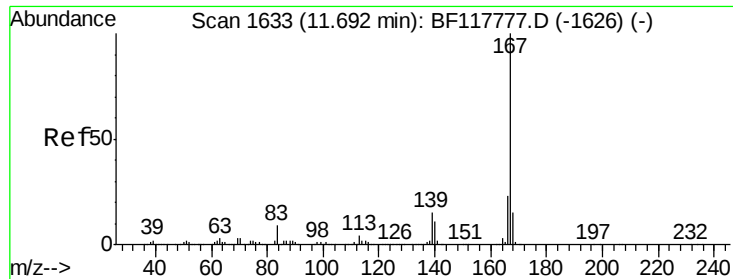


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



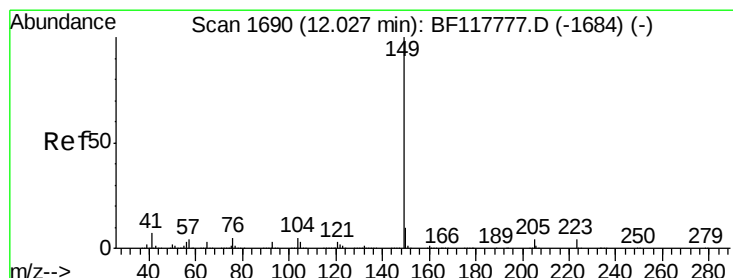
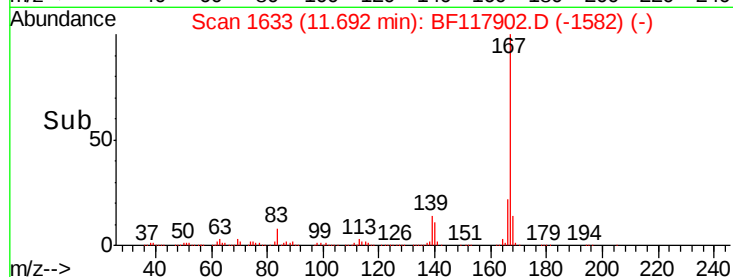
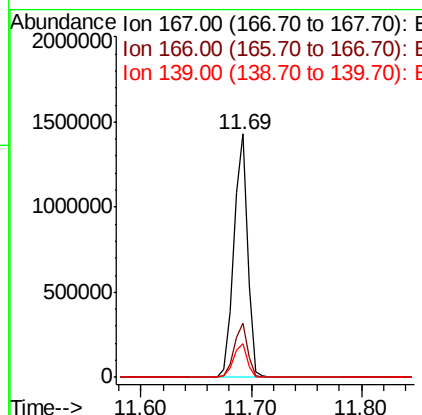
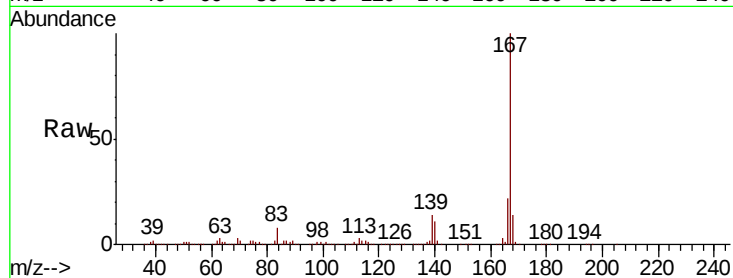


#73
 Carbazole
 Concen: 46.025 ng
 RT: 11.69 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BF117902.D
 Acq: 21 Nov 2019 10:46

Instrument :
 BNA_F
 ClientSampleId :
 1-(2-4)MS

Tot Ion:167 Resp: 1251785

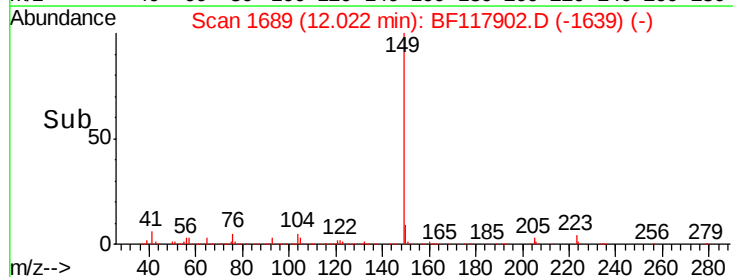
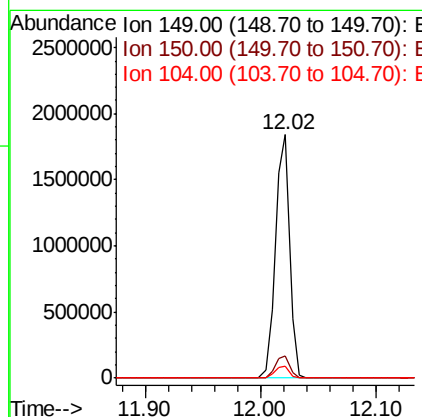
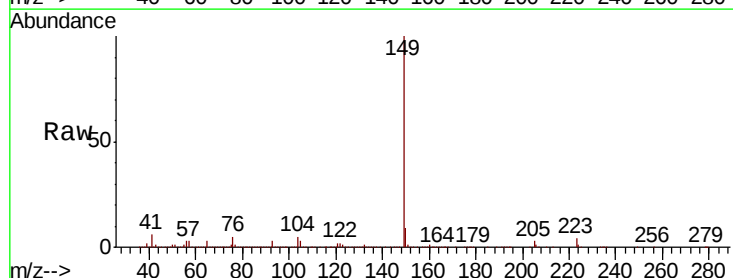
Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.0	27.0
139	14.0	11.7	17.5

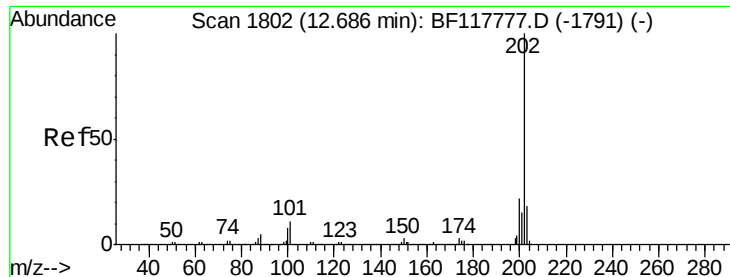


#74
 Di-n-butylphthalate
 Concen: 46.408 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF117902.D
 Acq: 21 Nov 2019 10:46

Tgt Ion:149 Resp: 1571554

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	4.9	4.2	6.4





#75

Fluoranthene

Concen: 55.728 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

1-(2-4)MS

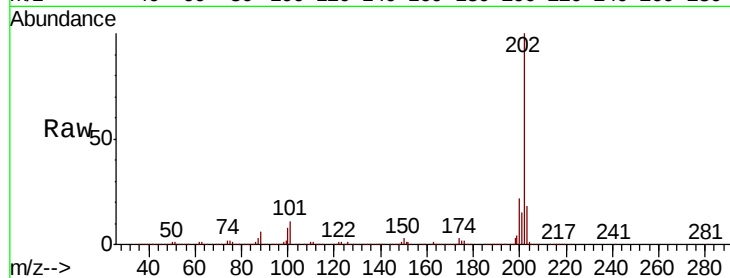
Tot Ion:202 Resp: 1541781

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.1

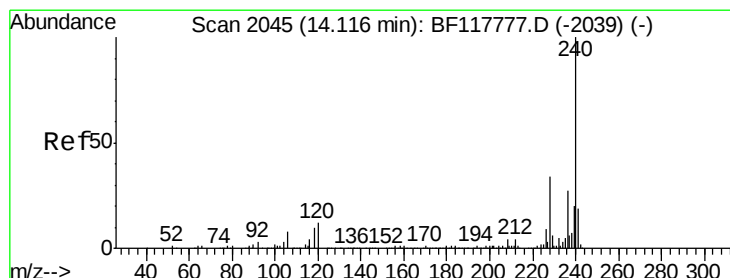
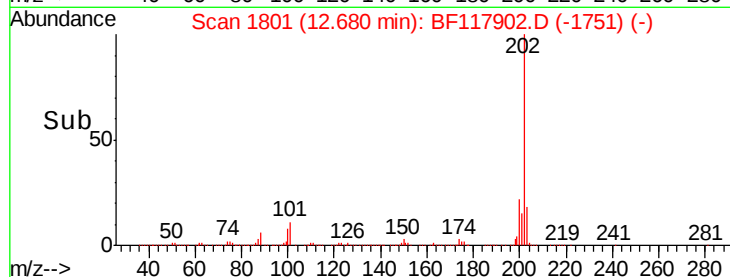
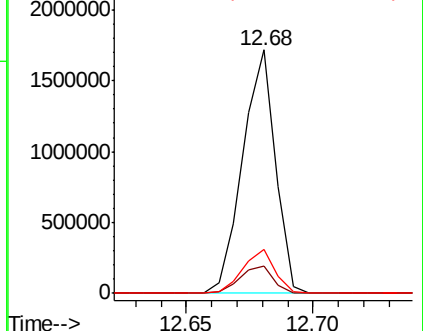
203 17.9 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.12 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

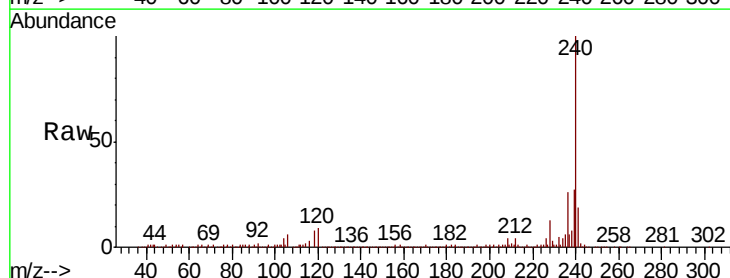
Tgt Ion:240 Resp: 467320

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

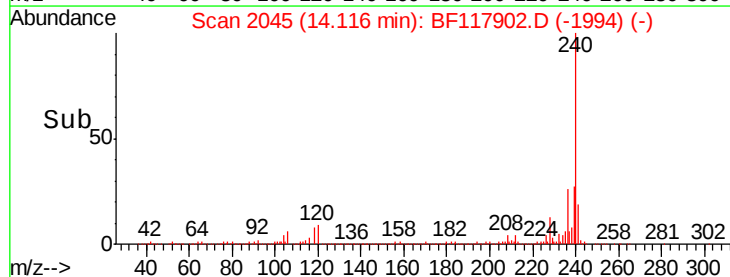
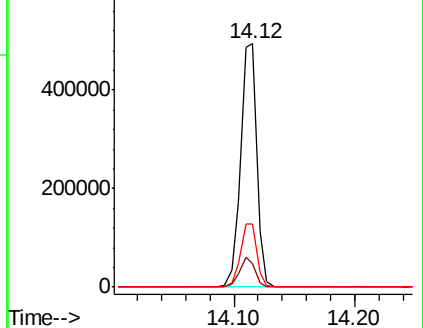
236 25.8 21.3 31.9

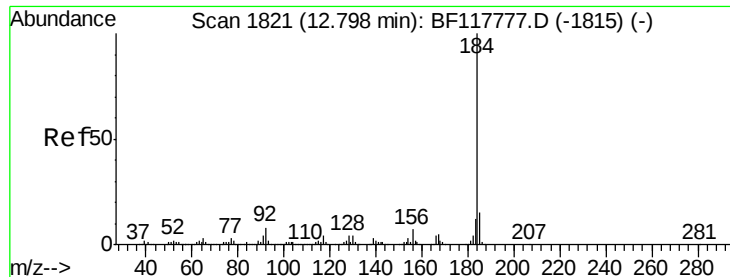


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

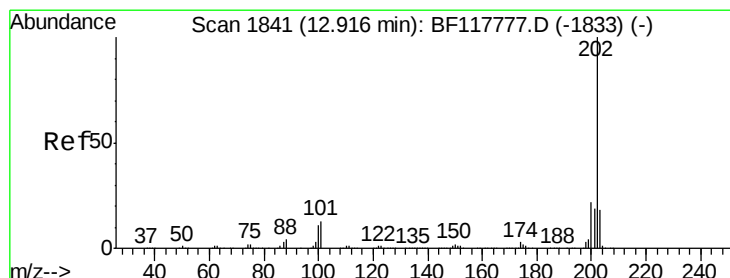
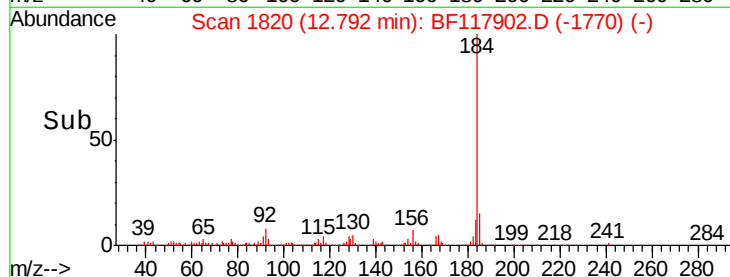
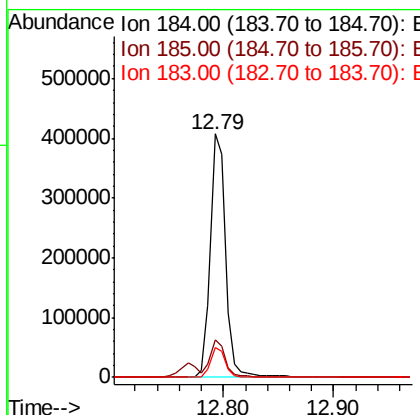
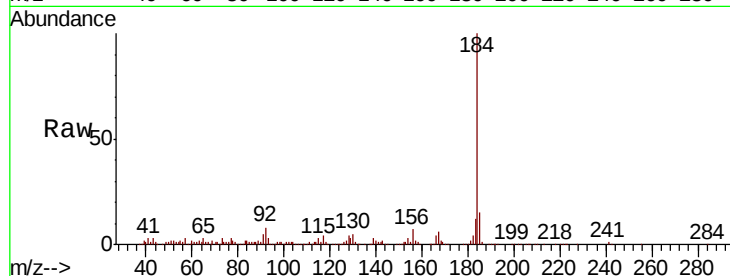




#77
Benzidine
Concen: 25.000 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

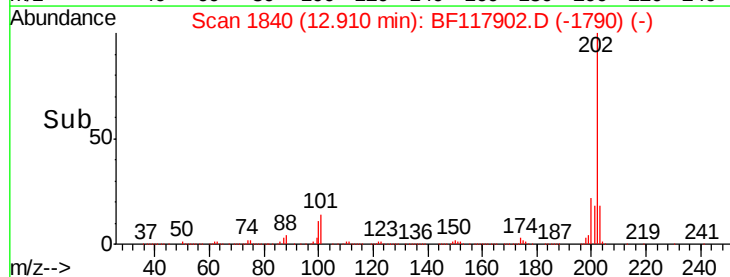
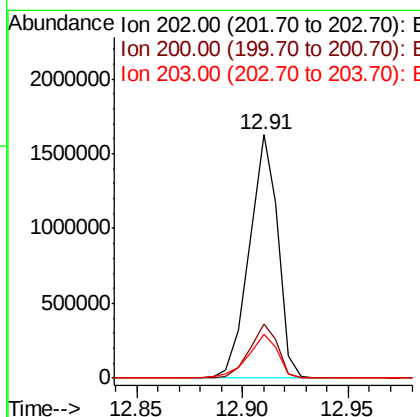
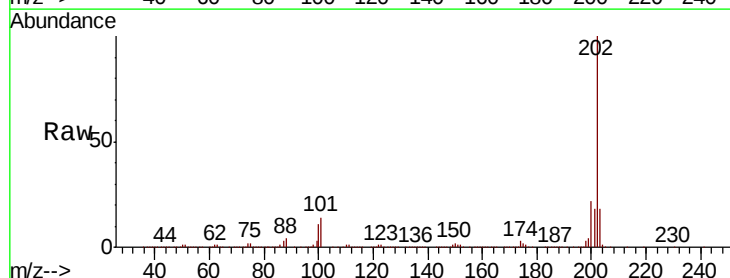
Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

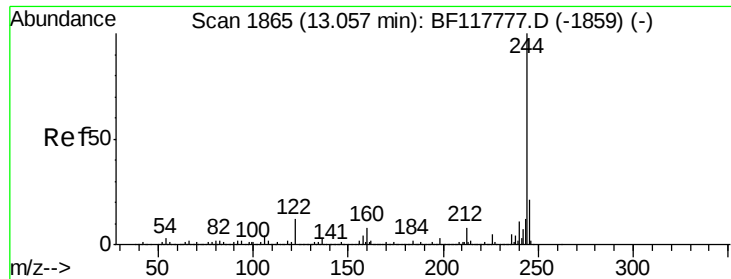
Tot Ion:184 Resp: 382691
Ion Ratio Lower Upper
184 100
185 15.3 12.2 18.4
183 12.1 9.5 14.3



#78
Pyrene
Concen: 40.363 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion:202 Resp: 1524367
Ion Ratio Lower Upper
202 100
200 22.2 17.8 26.8
203 18.1 14.6 22.0

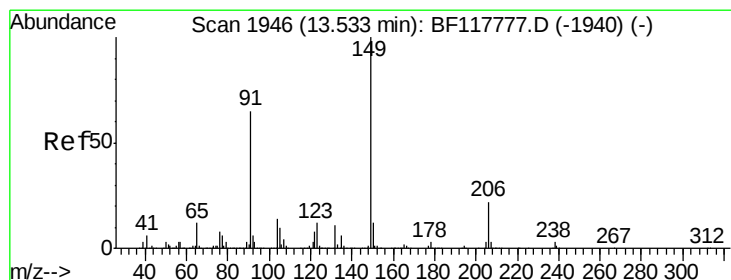
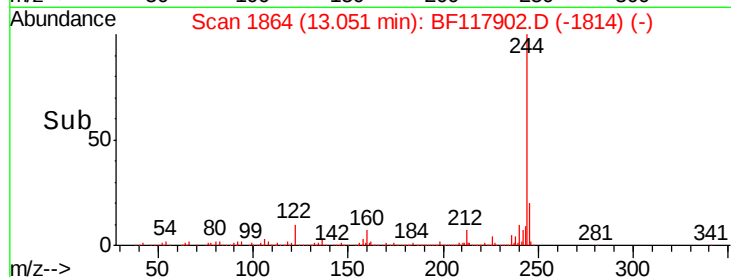
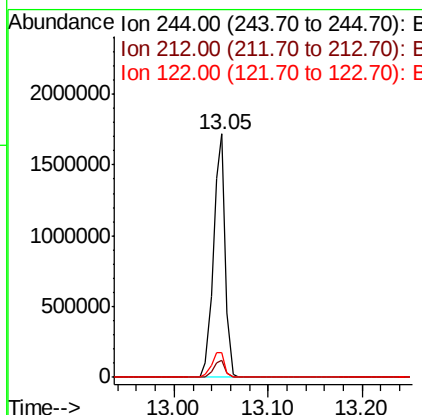
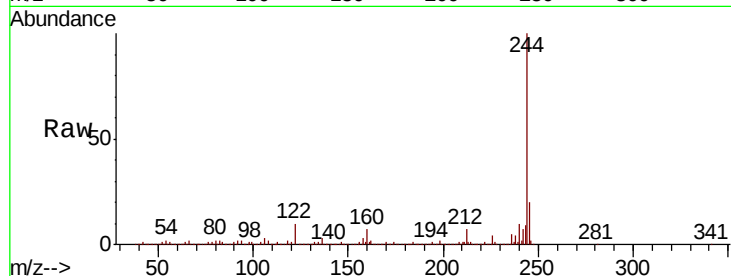




#79
 Terphenyl-d14
 Concen: 59.274 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF117902.D
 Acq: 21 Nov 2019 10:46

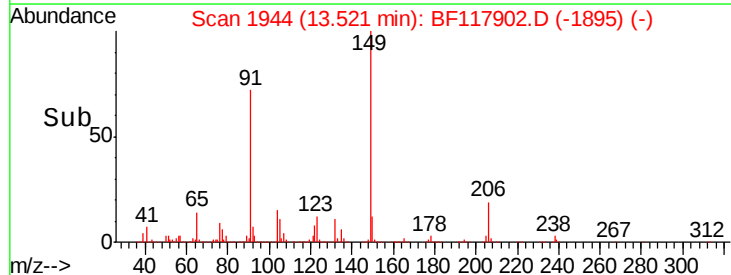
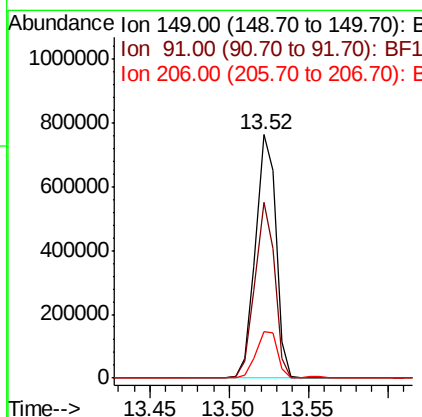
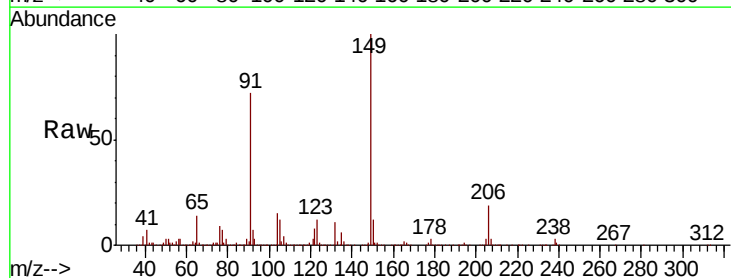
Instrument :
 BNA_F
 ClientSampleId :
 1-(2-4)MS

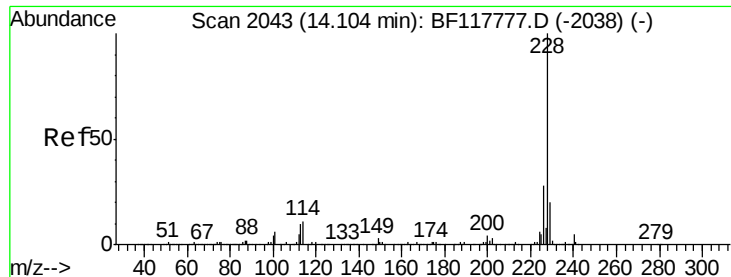
Tot Ion:244 Resp: 1515635
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.3 9.5
 122 10.3 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 42.525 ng
 RT: 13.52 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BF117902.D
 Acq: 21 Nov 2019 10:46

Tgt Ion:149 Resp: 689791
 Ion Ratio Lower Upper
 149 100
 91 72.2 51.9 77.9
 206 19.0 17.2 25.8





#81

Benzo(a)anthracene

Concen: 42.302 ng

RT: 14.10 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

1-(2-4)MS

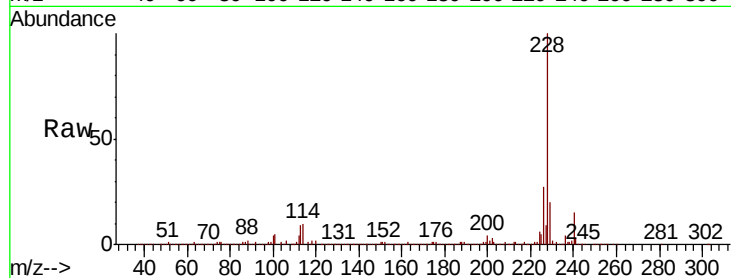
Tot Ion:228 Resp: 1306343

Ion Ratio Lower Upper

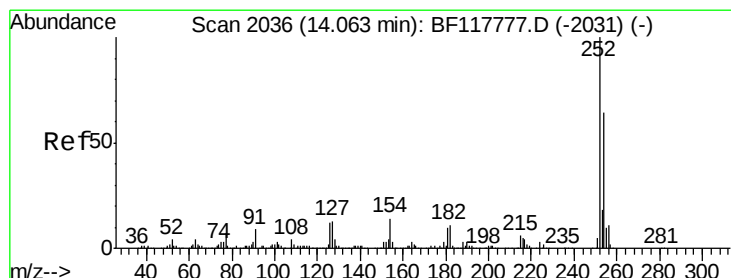
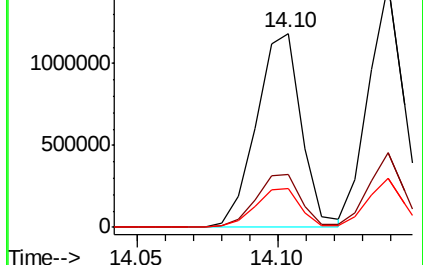
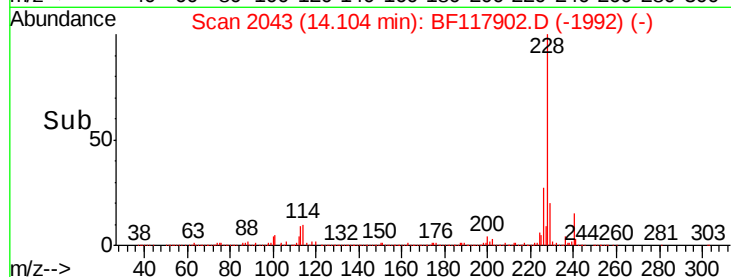
228 100

226 27.3 22.2 33.2

229 20.2 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
2000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.654 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

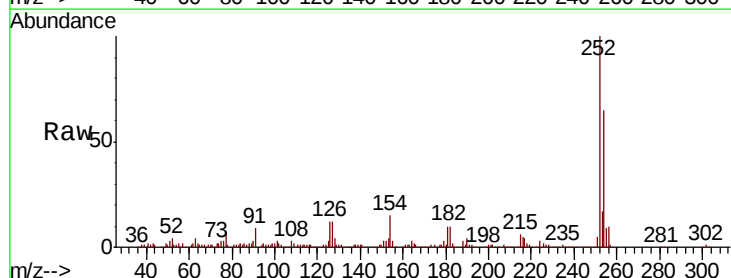
Tgt Ion:252 Resp: 201504

Ion Ratio Lower Upper

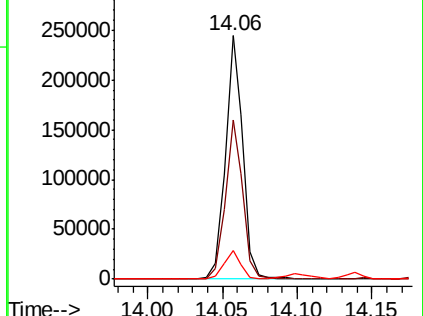
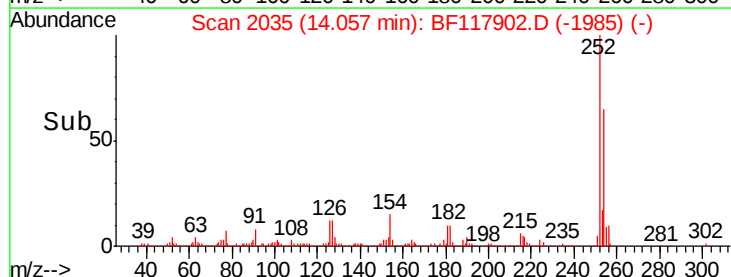
252 100

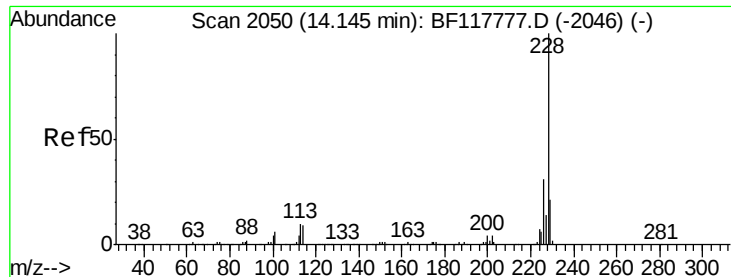
254 65.4 51.0 76.6

126 11.9 9.7 14.5



Abundance Ion 252.00 (251.70 to 252.70): E
300000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

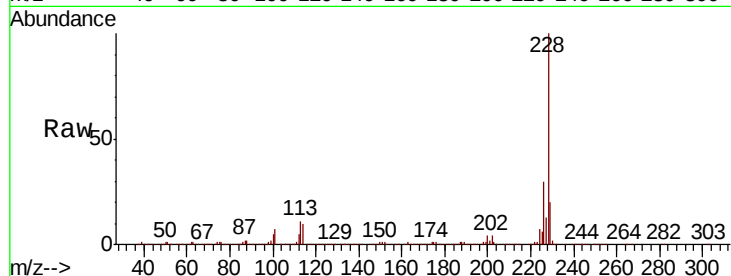




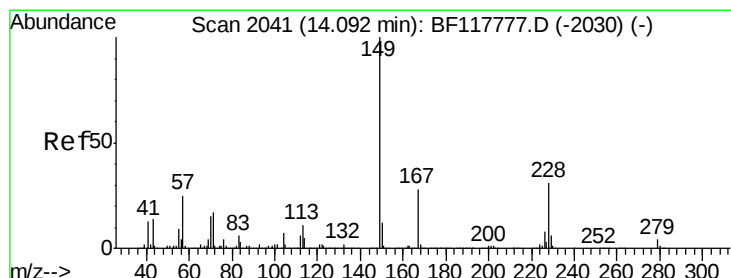
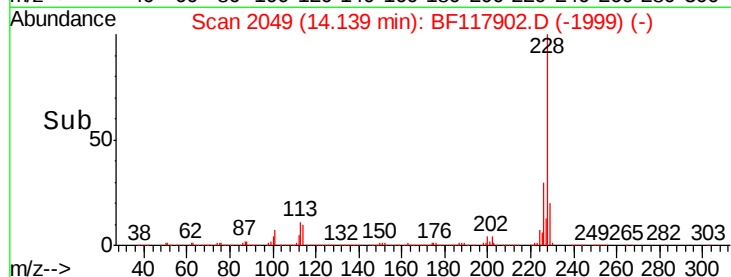
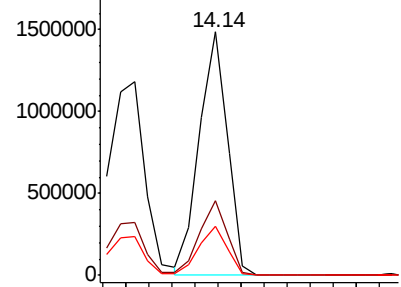
#83
Chrysene
Concen: 41.832 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion:228 Resp: 1251789
Ion Ratio Lower Upper
228 100
226 30.4 25.0 37.4
229 20.1 16.6 25.0

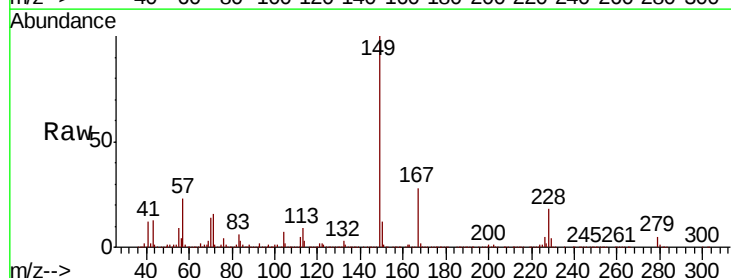


Abundance Ion 228.00 (227.70 to 228.70): E
2000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

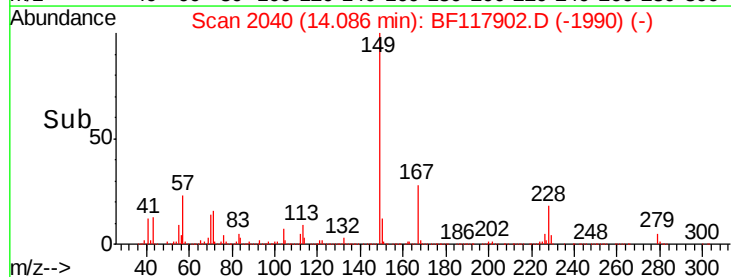
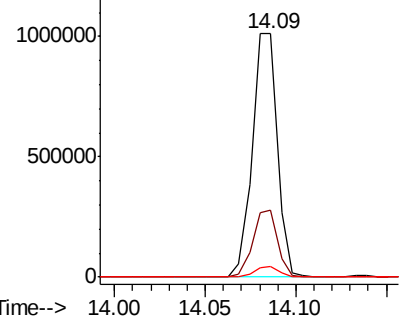


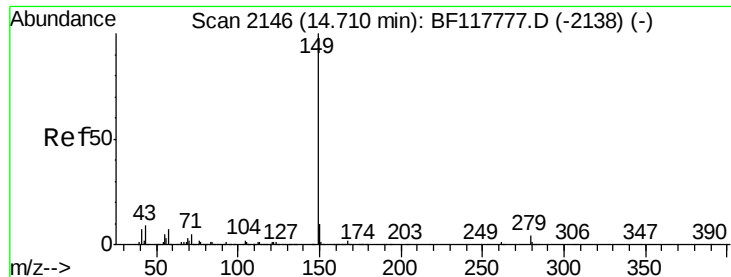
#84
Bis(2-ethylhexyl)phthalate
Concen: 49.653 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion:149 Resp: 976444
Ion Ratio Lower Upper
149 100
167 27.7 22.2 33.2
279 4.6 3.4 5.2



Abundance Ion 149.00 (148.70 to 149.70): E
1000000
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 55.462 ng

RT: 14.70 min Scan# 2145

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

1-(2-4)MS

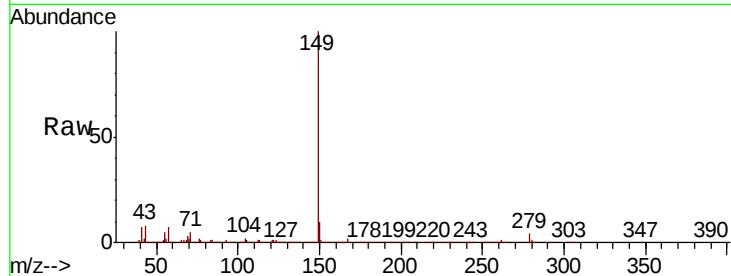
Tot Ion:149 Resp: 1602295

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

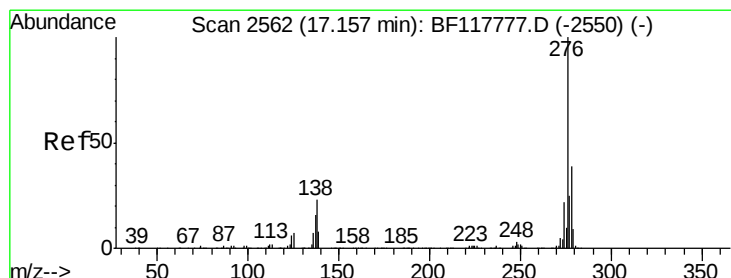
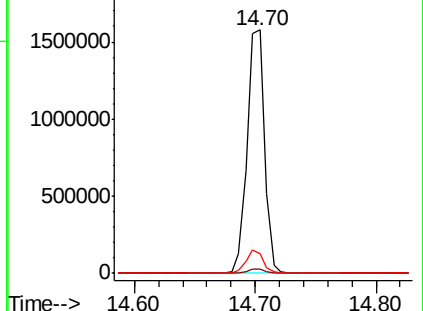
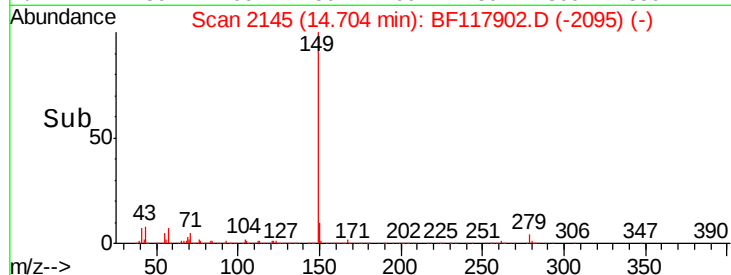
43 8.7 7.4 11.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 54.693 ng

RT: 17.16 min Scan# 2563

Delta R.T. 0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

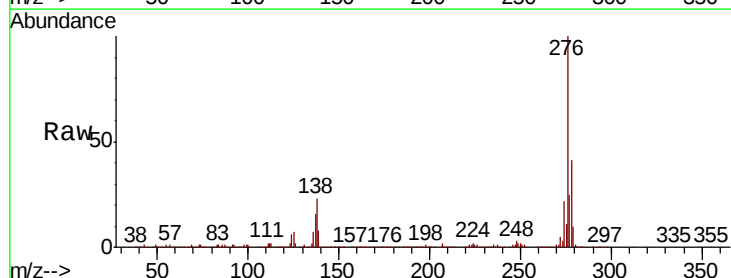
Tgt Ion:276 Resp: 1392925

Ion Ratio Lower Upper

276 100

138 24.8 20.9 31.3

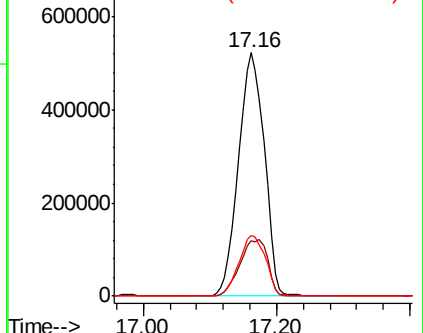
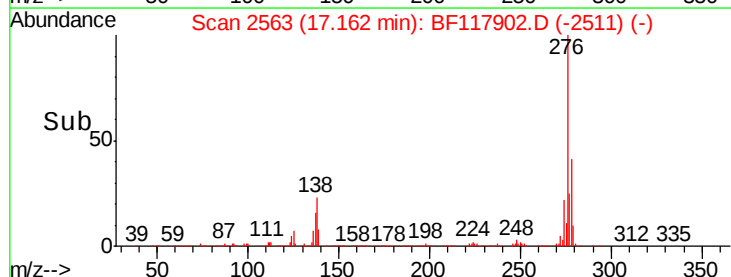
277 25.5 20.3 30.5

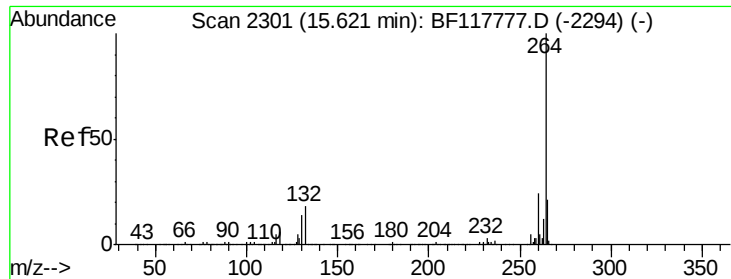


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.62 min Scan# 2301

Delta R.T. 0.00 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

1-(2-4)MS

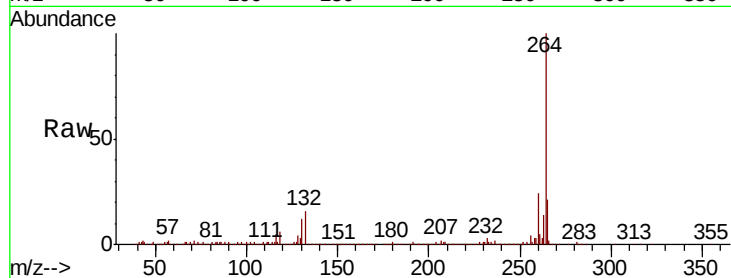
Tot Ion:264 Resp: 478011

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

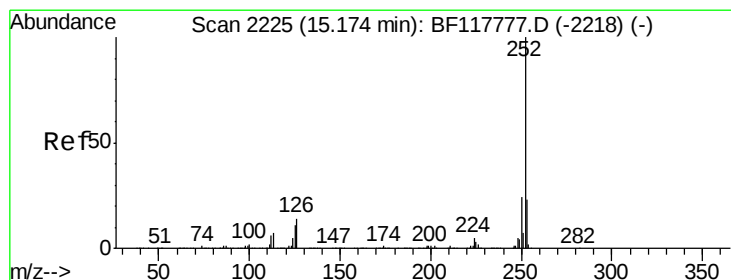
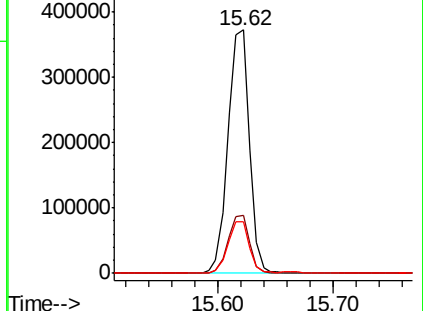
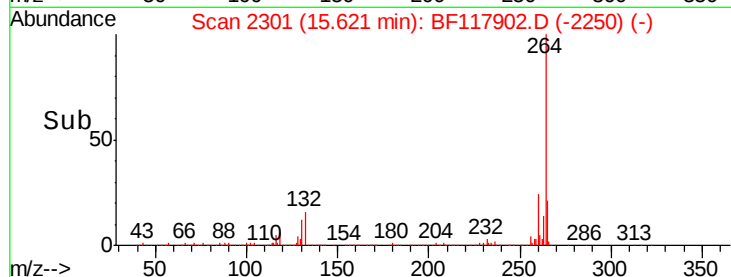
265 21.2 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.535 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

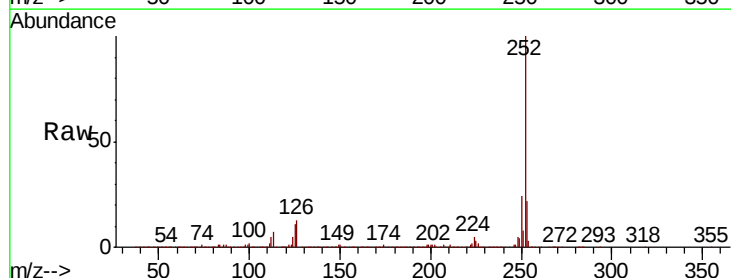
Tgt Ion:252 Resp: 1289947

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

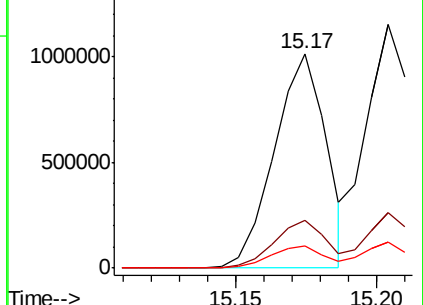
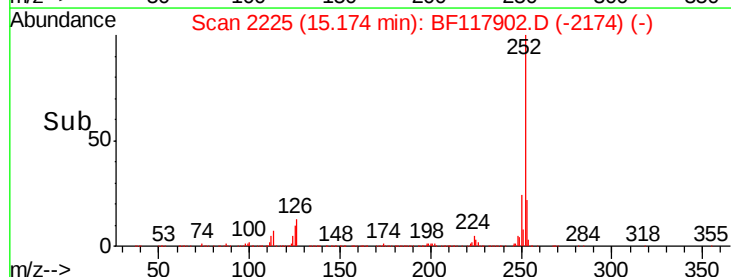
125 10.5 8.6 13.0

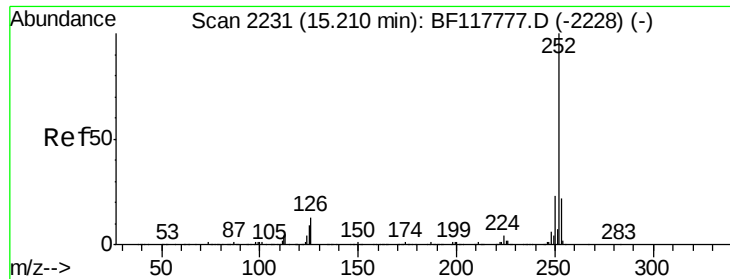


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

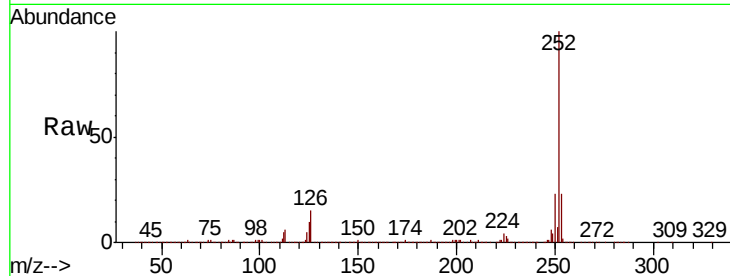




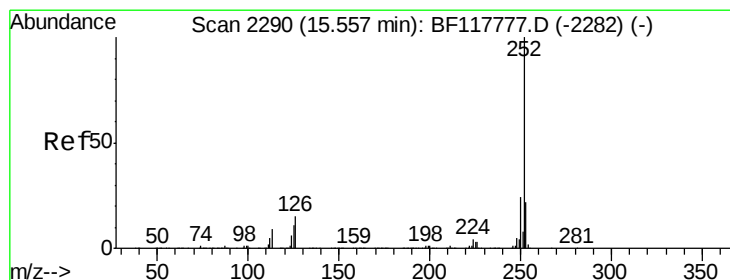
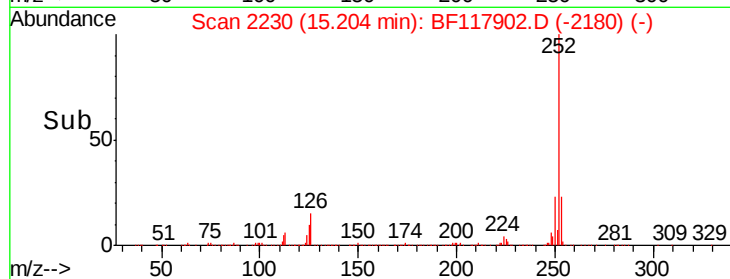
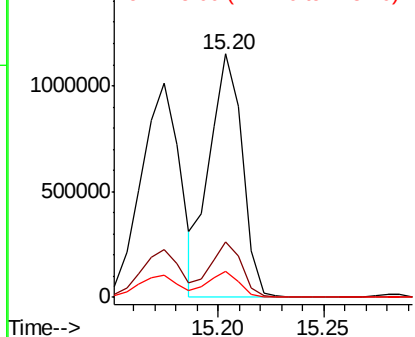
#89
Benzo(k)fluoranthene
Concen: 42.220 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion:252 Resp: 1235456
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 10.5 7.9 11.9

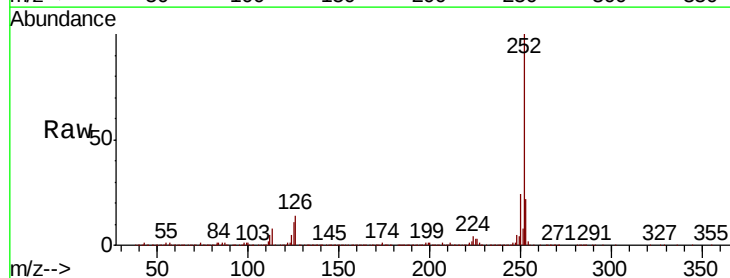


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

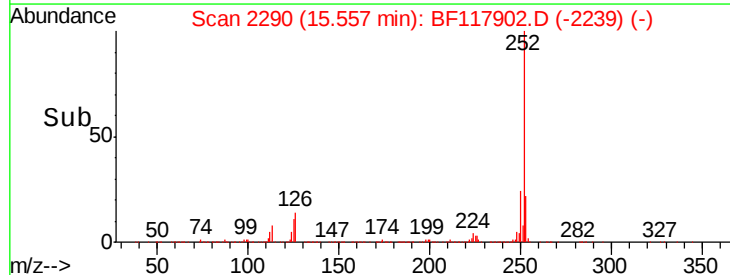
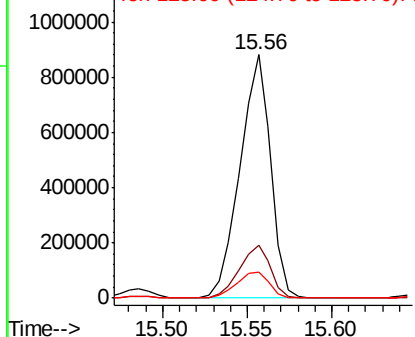


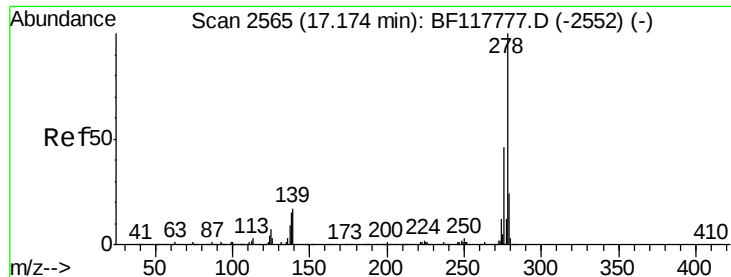
#90
Benzo(a)pyrene
Concen: 40.672 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion:252 Resp: 1110727
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 10.9 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 48.416 ng

RT: 17.18 min Scan# 2566

Delta R.T. 0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

1-(2-4)MS

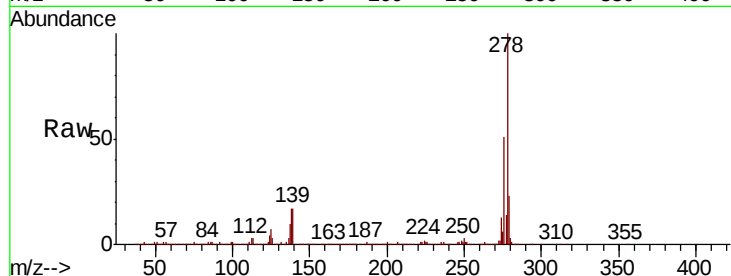
Tot Ion:278 Resp: 1138054

Ion Ratio Lower Upper

278 100

139 16.7 13.8 20.8

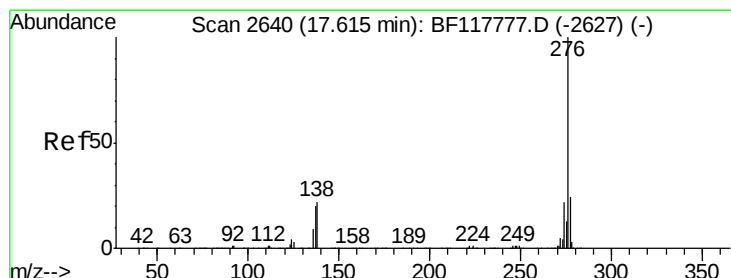
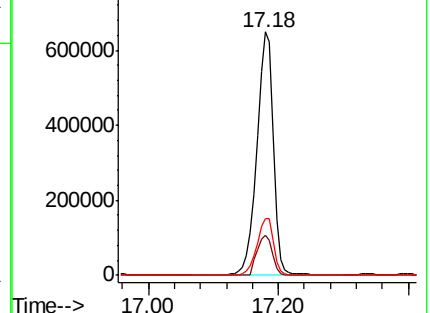
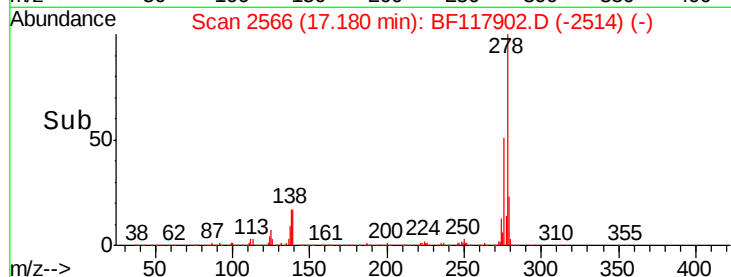
279 23.2 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.424 ng

RT: 17.63 min Scan# 2643

Delta R.T. 0.02 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

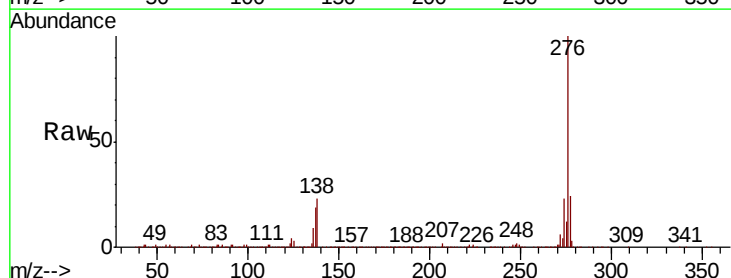
Tgt Ion:276 Resp: 1157128

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 22.6 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

