

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117958.D
 Acq On : 23 Nov 2019 16:00
 Operator : JU
 Sample : K5972-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 25 07:51:30 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	6.90	152	140405	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	556962	20.00	ng	-0.02
39) Acenaphthene-d10	9.96	164	251952	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	550446	20.00	ng	-0.02
76) Chrysene-d12	14.10	240	466967	20.00	ng	-0.01
87) Perylene-d12	15.60	264	478105	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	738771	93.14	ng	-0.01
7) Phenol-d6	6.53	99	1054852	110.26	ng	-0.02
23) Nitrobenzene-d5	7.47	82	642963	68.62	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	306413	114.87	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1066051	75.91	ng	-0.02
79) Terphenyl-d14	13.04	244	1421974	55.65	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.72	88	125945	33.969	ng	97
3) Pyridine	3.48	79	314853	32.372	ng	96
4) n-Nitrosodimethylamine	3.43	42	162203	38.205	ng	96
6) Aniline	6.56	93	201634	15.949	ng	99
8) 2-Chlorophenol	6.69	128	380136	44.166	ng	94
9) Benzaldehyde	6.45	77	188455	27.718	ng	96
10) Phenol	6.55	94	465810	46.854	ng	96
11) bis(2-Chloroethyl)ether	6.64	93	299025	37.455	ng	93
12) 1,3-Dichlorobenzene	6.85	146	427759	42.215	ng	98
13) 1,4-Dichlorobenzene	6.92	146	427755	41.763	ng	100
14) 1,2-Dichlorobenzene	7.07	146	362868	37.044	ng	99
15) Benzyl Alcohol	7.05	79	299794	40.587	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	389512	31.689	ng	93
17) 2-Methylphenol	7.15	107	285290	39.141	ng	97
18) Hexachloroethane	7.42	117	164449	43.706	ng	98
19) n-Nitroso-di-n-propylamine	7.32	70	252946	42.856	ng	95
20) 3+4-Methylphenols	7.30	107	398709	44.067	ng	# 87
22) Acetophenone	7.31	105	543947	43.470	ng	96
24) Nitrobenzene	7.49	77	396545	41.026	ng	98
25) Isophorone	7.73	82	734798	42.789	ng	98
26) 2-Nitrophenol	7.80	139	216242	45.965	ng	95
27) 2,4-Dimethylphenol	7.84	122	336841	46.078	ng	96
28) bis(2-Chloroethoxy)methane	7.93	93	398794	36.596	ng	99
29) 2,4-Dichlorophenol	8.05	162	334437	42.176	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	365269	39.713	ng	99
31) Naphthalene	8.22	128	1193776	45.976	ng	99
32) Benzoic acid	7.96	122	257259	42.029	ng	# 82
33) 4-Chloroaniline	8.26	127	108289	9.316	ng	98
34) Hexachlorobutadiene	8.33	225	179871	33.448	ng	98
35) Caprolactam	8.63	113	73063	28.992	ng	95
36) 4-Chloro-3-methylphenol	8.75	107	305558	37.970	ng	94
37) 2-Methylnaphthalene	8.91	142	709991	40.470	ng	98
38) 1-Methylnaphthalene	9.01	142	642248	38.723	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.08	216	286394	39.141	ng	98

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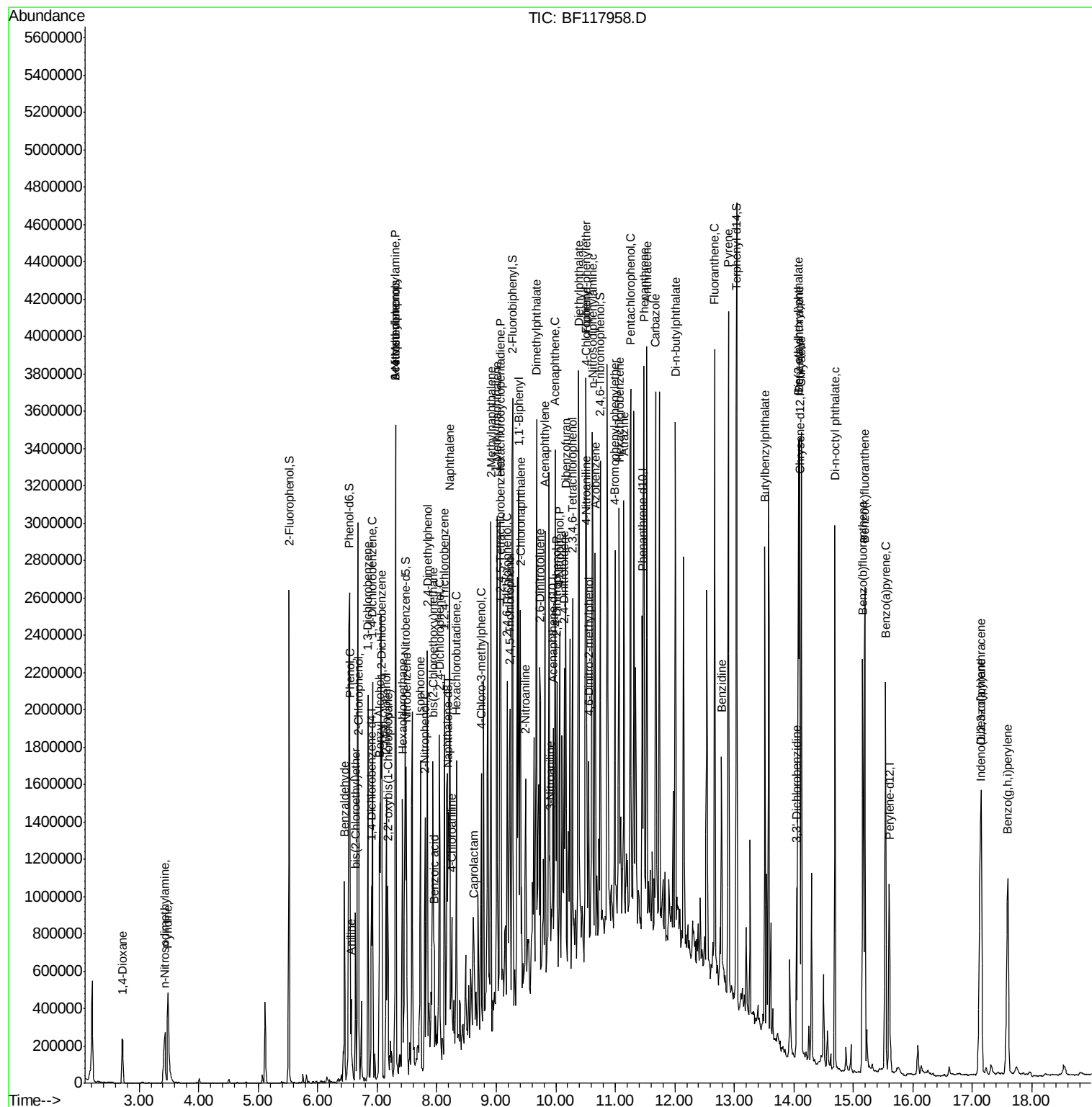
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	365762	89.201	nq	97
43) 2,4,6-Trichlorophenol	9.19	196	207883	39.666	nq	96
44) 2,4,5-Trichlorophenol	9.23	196	220006	40.432	nq	95
46) 1,1'-Biphenyl	9.37	154	797180	42.647	nq	98
47) 2-Chloronaphthalene	9.40	162	604540	39.313	nq	99
48) 2-Nitroaniline	9.49	65	181587	39.114	nq	99
49) Acenaphthylene	9.82	152	999823	44.596	nq	99
50) Dimethylphthalate	9.67	163	894040	50.602	nq	99
51) 2,6-Dinitrotoluene	9.74	165	163927	42.453	nq	87
52) Acenaphthene	9.99	154	678048	47.212	nq	99
53) 3-Nitroaniline	9.90	138	82552	17.867	nq	97
54) 2,4-Dinitrophenol	10.02	184	178595	89.111	nq	# 85
55) Dibenzofuran	10.17	168	864810	43.485	nq	99
56) 4-Nitrophenol	10.07	139	296946	86.100	nq	94
57) 2,4-Dinitrotoluene	10.15	165	221810	45.157	nq	91
58) Fluorene	10.51	166	681281	44.206	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.28	232	188145	42.082	nq	# 88
60) Diethylphthalate	10.38	149	714477	41.479	nq	100
61) 4-Chlorophenyl-phenylether	10.50	204	331599	42.398	nq	95
62) 4-Nitroaniline	10.52	138	177053	38.271	nq	91
63) Azobenzene	10.66	77	676100	43.144	nq	95
65) 4,6-Dinitro-2-methylphenol	10.55	198	123162	47.929	nq	74
66) n-Nitrosodiphenylamine	10.62	169	624723	38.997	nq	99
67) 4-Bromophenyl-phenylether	10.99	248	236498	39.820	nq	91
68) Hexachlorobenzene	11.06	284	269280	38.883	nq	99
69) Atrazine	11.14	200	256023	48.584	nq	97
70) Pentachlorophenol	11.26	266	328394	81.164	nq	99
71) Phenanthrene	11.48	178	1200931	43.395	nq	98
72) Anthracene	11.53	178	1223410	44.587	nq	99
73) Carbazole	11.68	167	1133724	47.283	nq	100
74) Di-n-butylphthalate	12.01	149	1342392	44.965	nq	99
75) Fluoranthene	12.67	202	1271570	51.552	nq	100
77) Benzidine	12.79	184	418746	27.376	nq	99
78) Pyrene	12.90	202	1313653	34.810	nq	99
80) Butylbenzylphthalate	13.52	149	610157	37.644	nq	99
81) Benzo(a)anthracene	14.09	228	1260523	40.849	nq	99
82) 3,3'-Dichlorobenzidine	14.05	252	191606	17.751	nq	98
83) Chrysene	14.13	228	1161924	38.859	nq	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	838339	42.662	nq	99
85) Di-n-octyl phthalate	14.69	149	1452847	50.327	nq	99
86) Indeno(1,2,3-cd)pyrene	17.13	276	1063322	41.783	nq	98
88) Benzo(b)fluoranthene	15.16	252	1214453	39.097	nq	98
89) Benzo(k)fluoranthene	15.19	252	1105759	37.780	nq	99
90) Benzo(a)pyrene	15.54	252	1103935	40.415	nq	100
91) Dibenzo(a,h)anthracene	17.15	278	860901	36.618	nq	97
92) Benzo(g,h,i)perylene	17.59	276	955570	40.807	nq	99

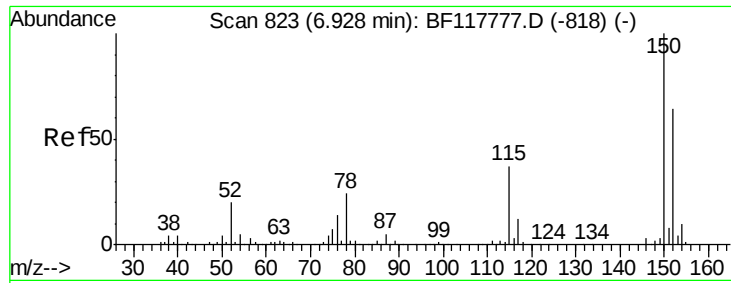
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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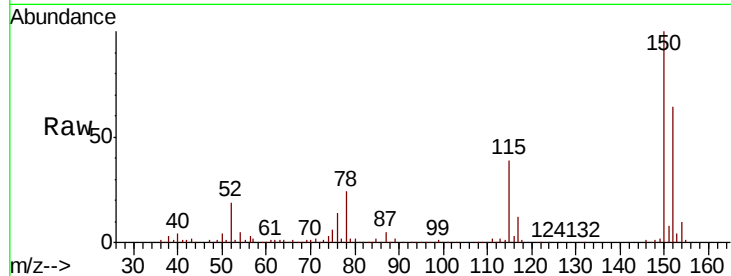


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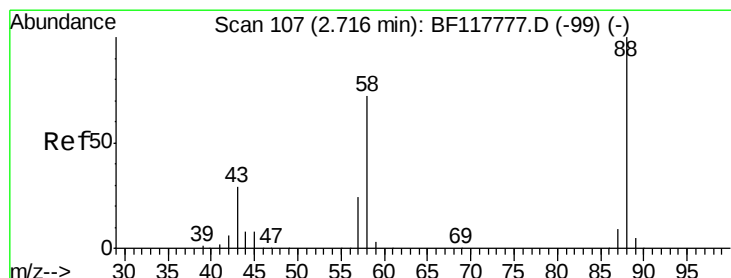
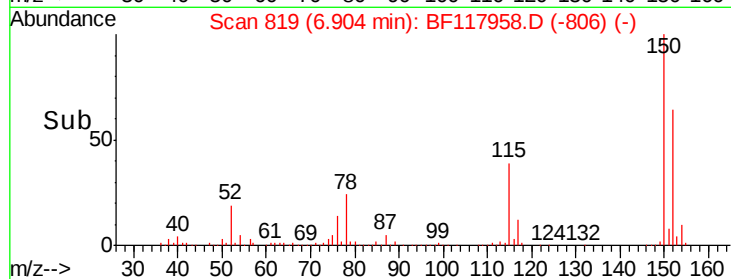
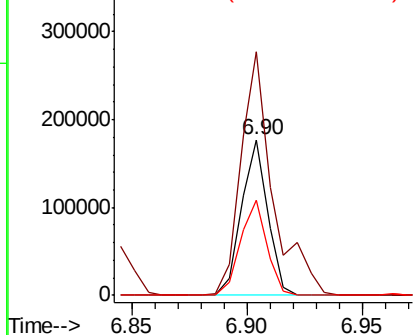
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF117958.D
 Acq: 23 Nov 2019 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 140405
 Ion Ratio Lower Upper
 152 100
 150 156.7 125.3 187.9
 115 61.1 47.0 70.4



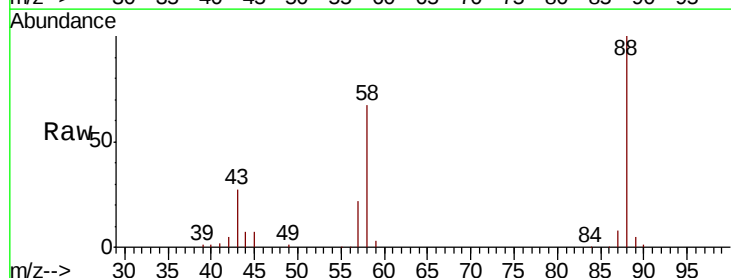
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



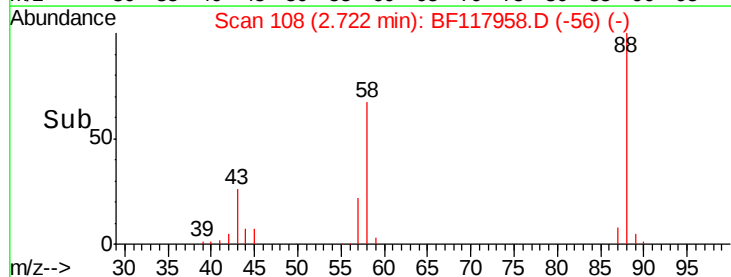
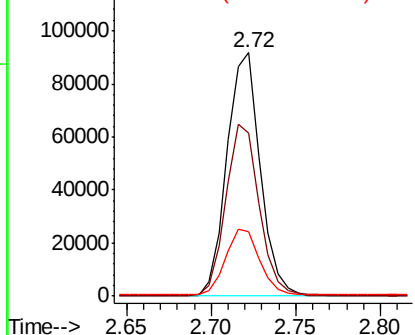
#2

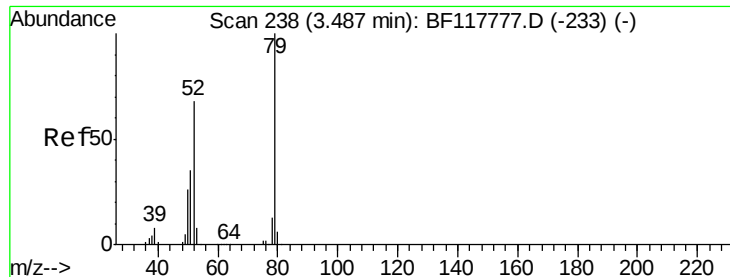
1,4-Dioxane
 Concen: 33.969 ng
 RT: 2.72 min Scan# 108
 Delta R.T. 0.01 min
 Lab File: BF117958.D
 Acq: 23 Nov 2019 16:00

Tgt Ion: 88 Resp: 125945
 Ion Ratio Lower Upper
 88 100
 58 70.7 58.2 87.2
 43 27.5 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: 32.372 ng

RT: 3.48 min Scan# 237

Delta R.T. -0.01 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

ClientSampleId :

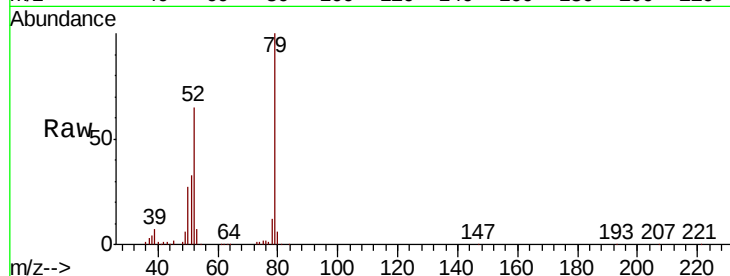
Tot Ion: 79 Resp: 314853

Ion Ratio Lower Upper

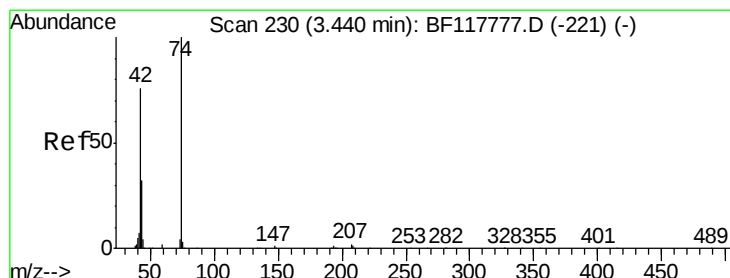
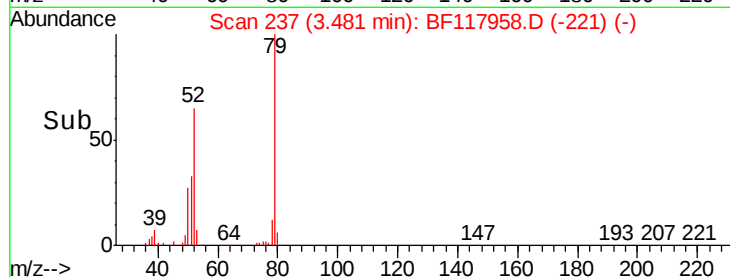
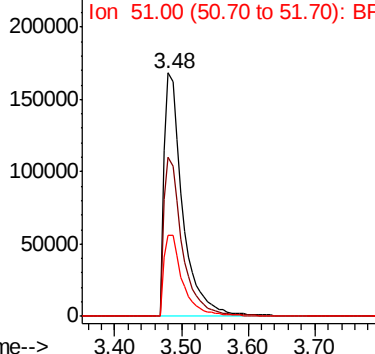
79 100

52 65.3 54.8 82.2

51 33.5 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: 38.205 ng

RT: 3.43 min Scan# 229

Delta R.T. -0.01 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

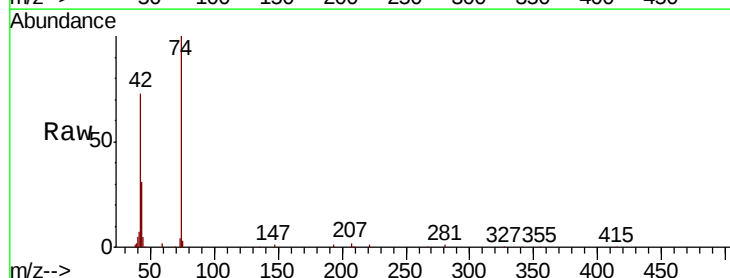
Tgt Ion: 42 Resp: 162203

Ion Ratio Lower Upper

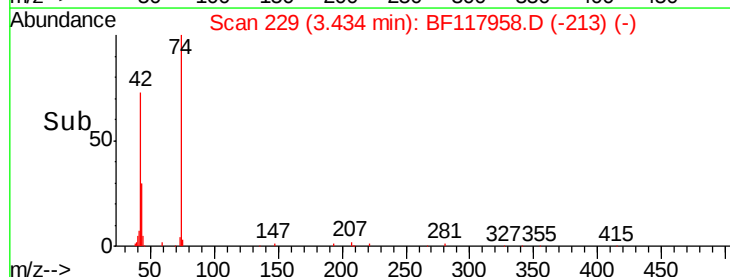
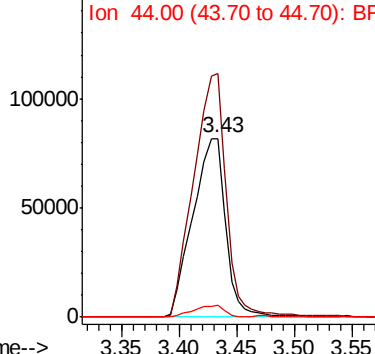
42 100

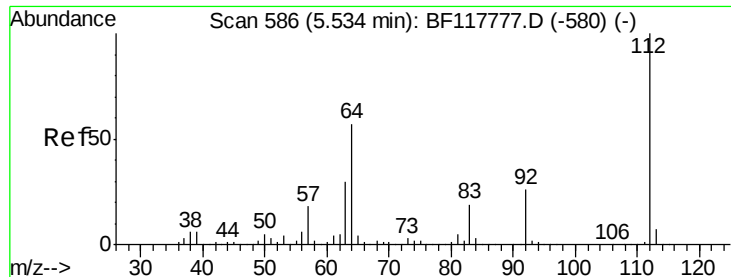
74 136.4 105.1 157.7

44 6.3 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: 93.138 ng

RT: 5.52 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :
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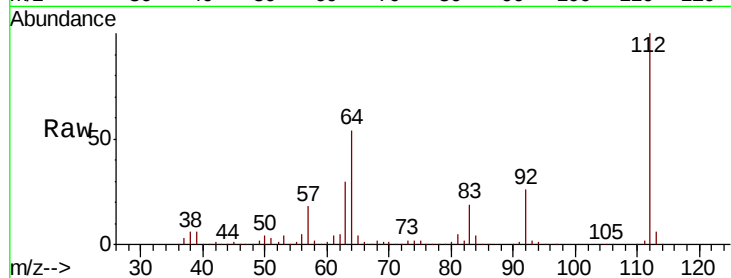
Tot Ion:112 Resp: 738771

Ion Ratio Lower Upper

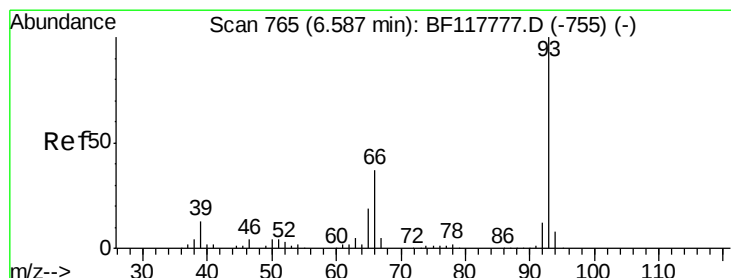
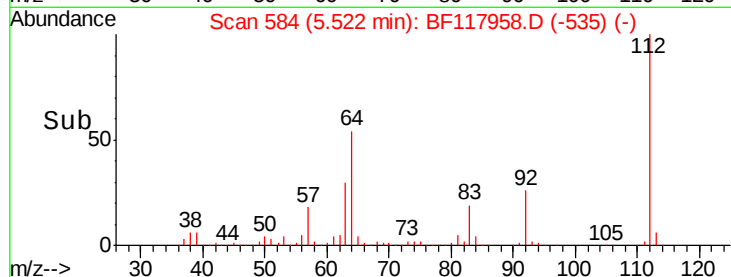
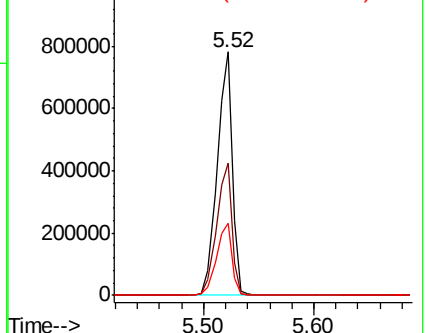
112 100

64 54.3 45.6 68.4

63 29.7 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: 15.949 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

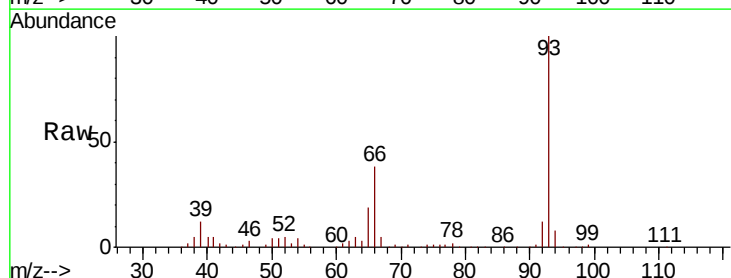
Tgt Ion: 93 Resp: 201634

Ion Ratio Lower Upper

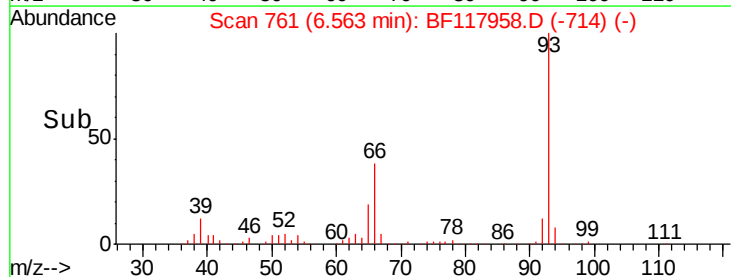
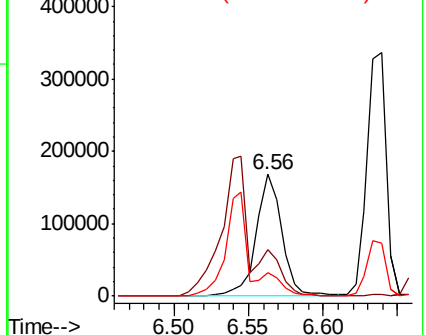
93 100

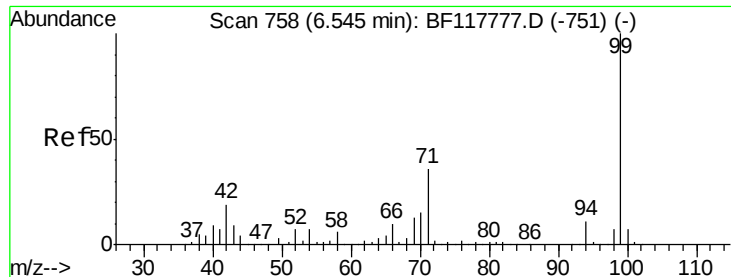
66 38.5 30.6 45.8

65 18.8 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: 110.256 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

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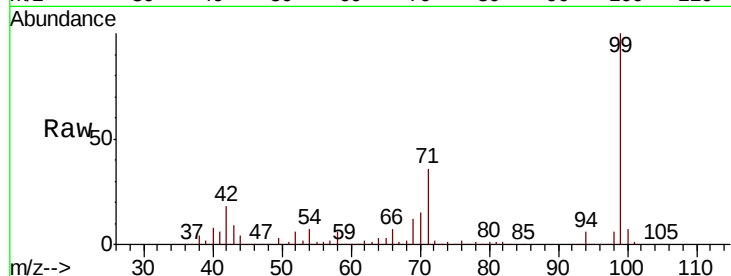
Tot Ion: 99 Resp: 1054852

Ion Ratio Lower Upper

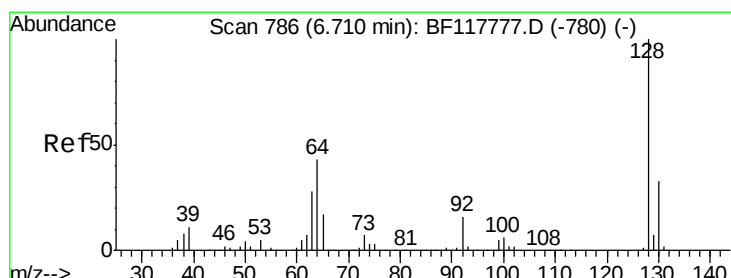
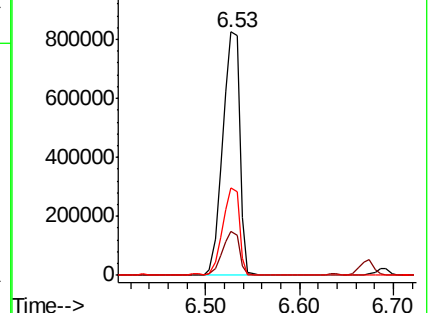
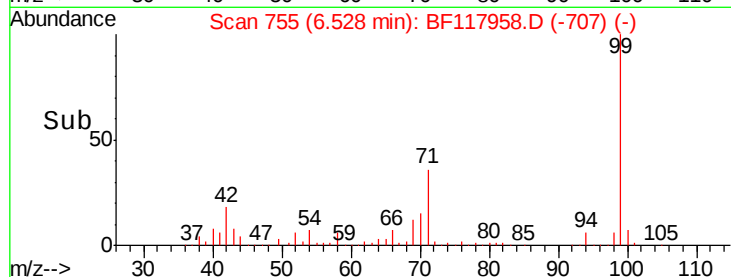
99 100

42 18.0 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: 44.166 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

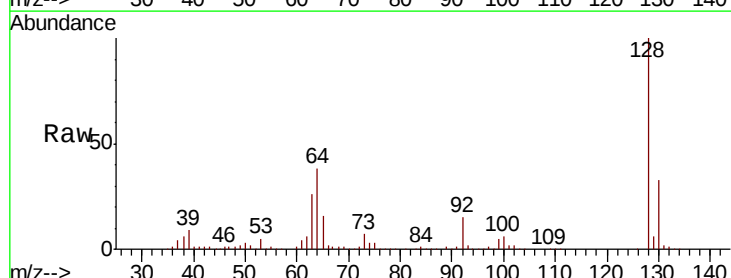
Tgt Ion: 128 Resp: 380136

Ion Ratio Lower Upper

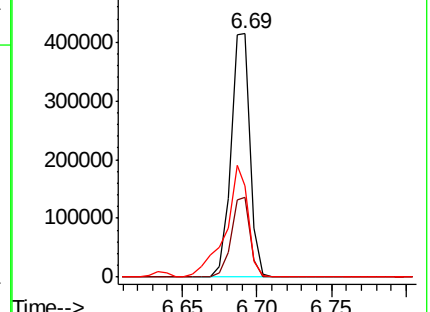
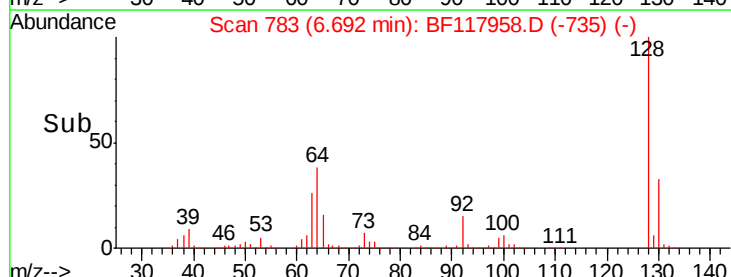
128 100

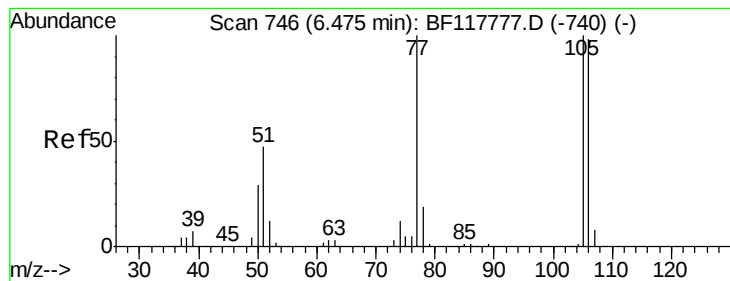
130 33.0 13.2 53.2

64 37.5 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: 27.718 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.02 min

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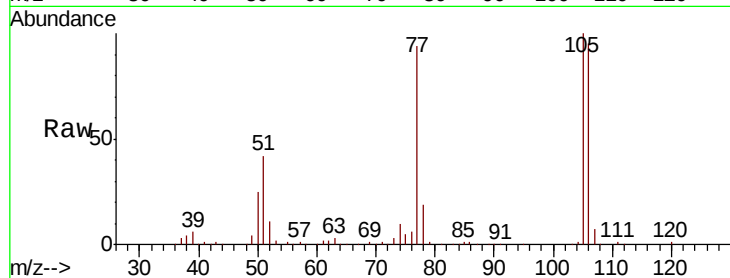
Tot Ion: 77 Resp: 188455

Ion Ratio Lower Upper

77 100

105 106.3 80.2 120.2

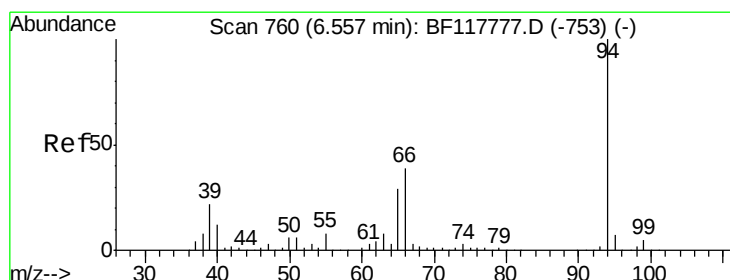
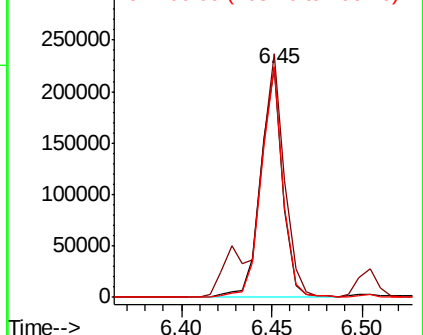
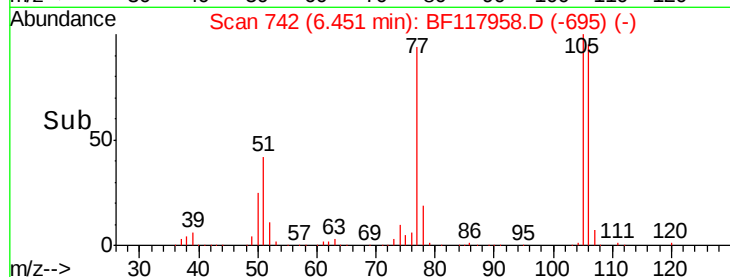
106 100.9 78.4 118.4



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: 46.854 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

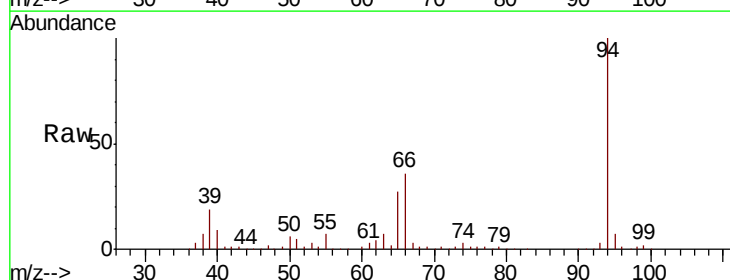
Tgt Ion: 94 Resp: 465810

Ion Ratio Lower Upper

94 100

65 26.7 8.9 48.9

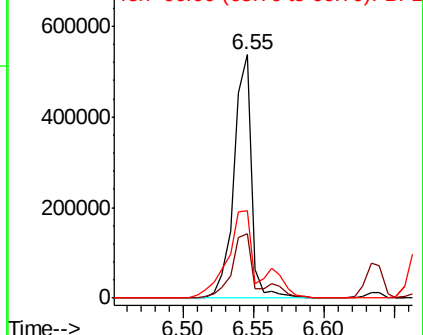
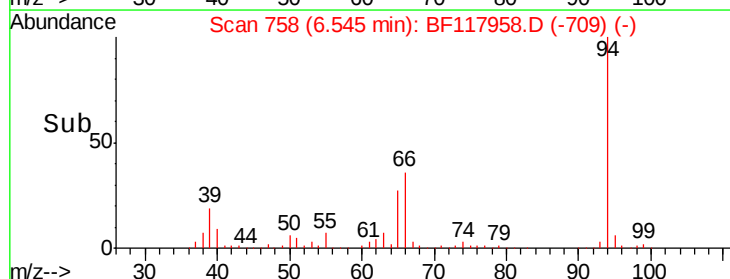
66 36.0 18.7 58.7

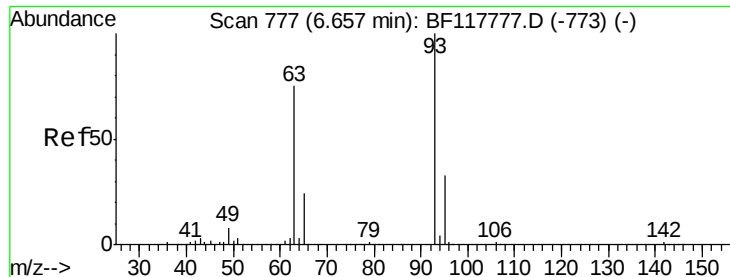


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

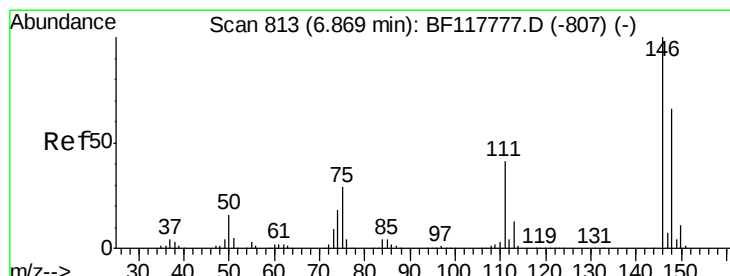
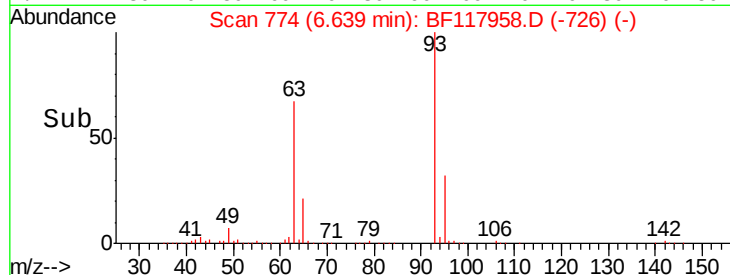
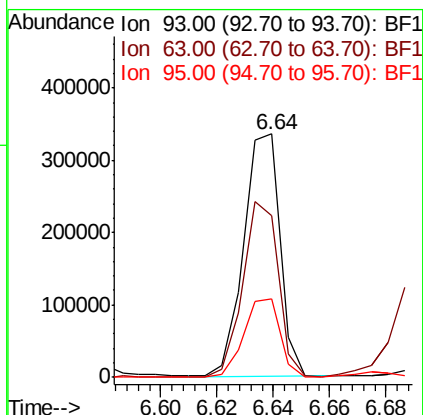
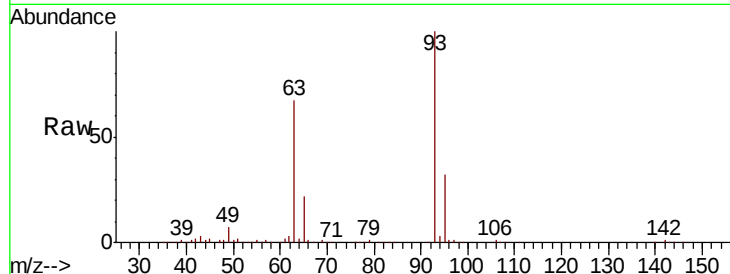




#11
 bis(2-Chloroethyl)ether
 Concen: 37.455 ng
 RT: 6.64 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF117958.D
 Acq: 23 Nov 2019 16:00

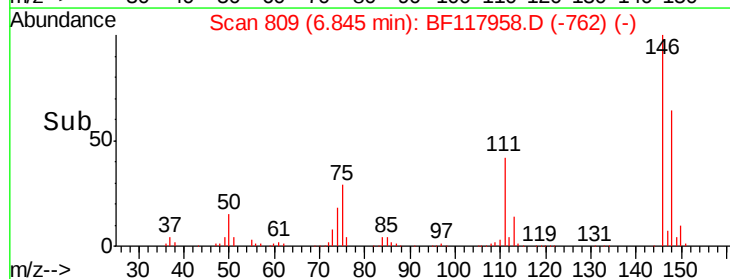
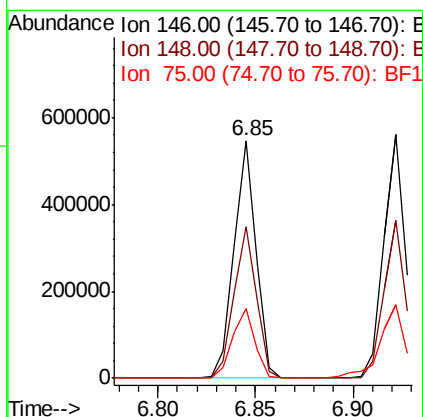
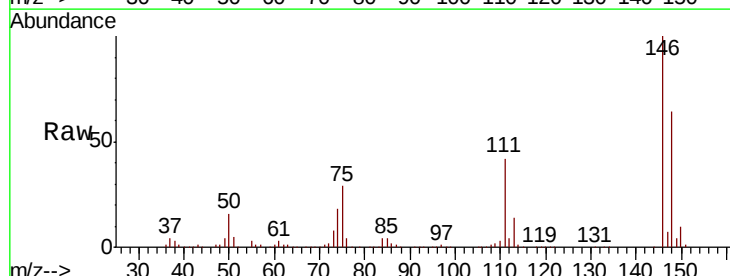
Instrument :
 BNA_F
 ClientSampleId :

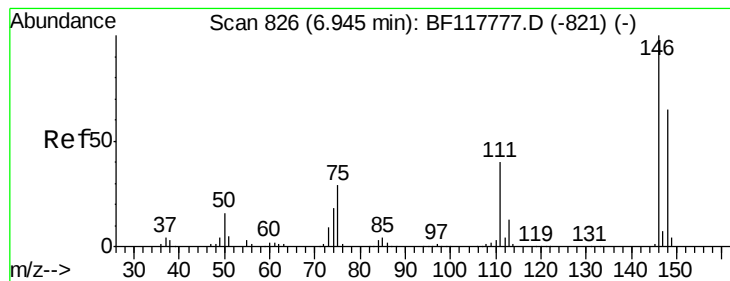
Tot Ion	Ratio	Lower	Upper
93	100		
63	66.7	54.8	94.8
95	32.2	12.7	52.7



#12
 1,3-Dichlorobenzene
 Concen: 42.215 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF117958.D
 Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.8	79.2
75	29.1	23.4	35.0





#13

1,4-Dichlorobenzene

Concen: 41.763 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

ClientSampleId :

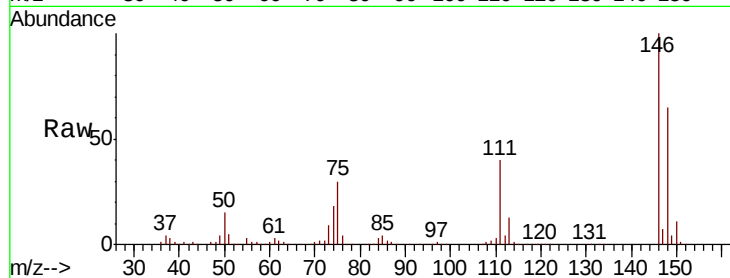
Tot Ion:146 Resp: 427755

Ion Ratio Lower Upper

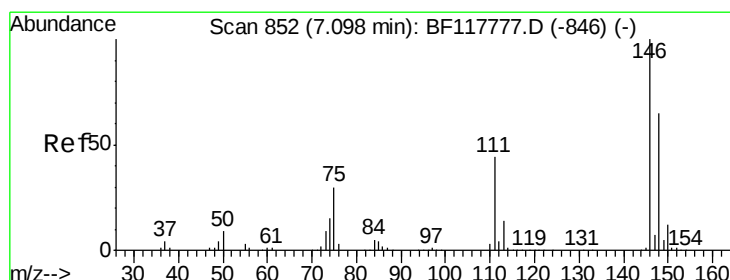
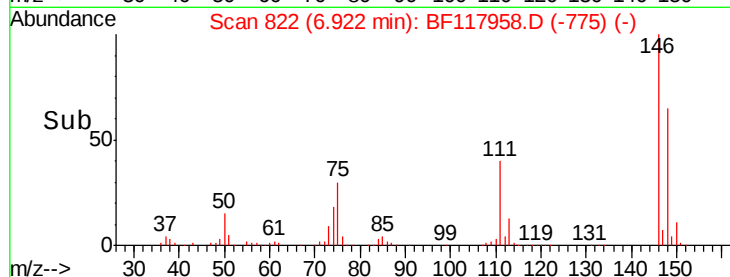
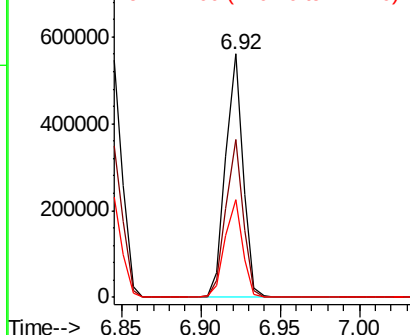
146 100

148 65.1 52.3 78.5

111 40.2 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: 37.044 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

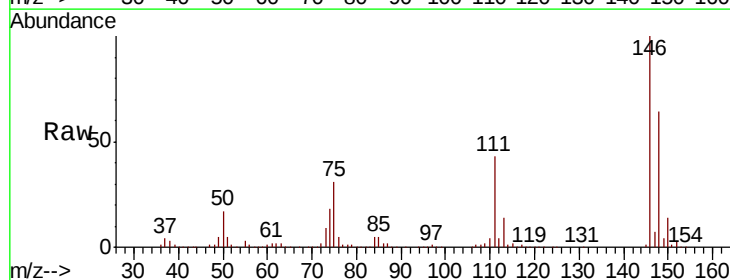
Tgt Ion:146 Resp: 362868

Ion Ratio Lower Upper

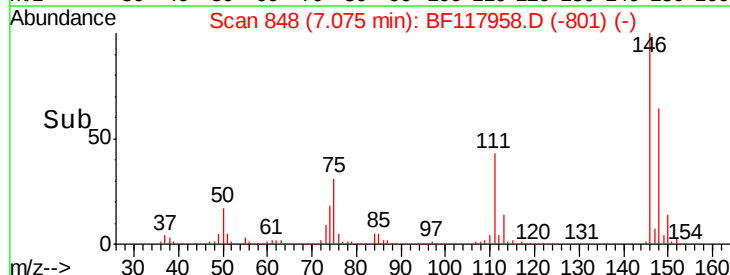
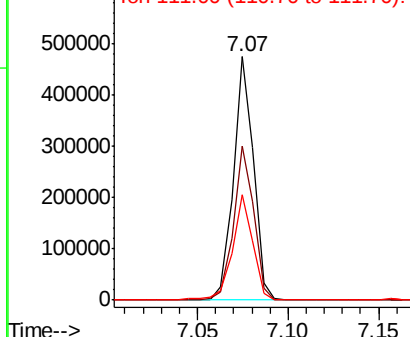
146 100

148 63.5 51.8 77.8

111 43.3 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: 40.587 ng

RT: 7.05 min Scan# 843

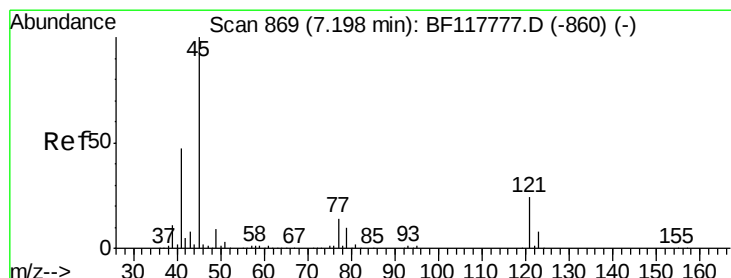
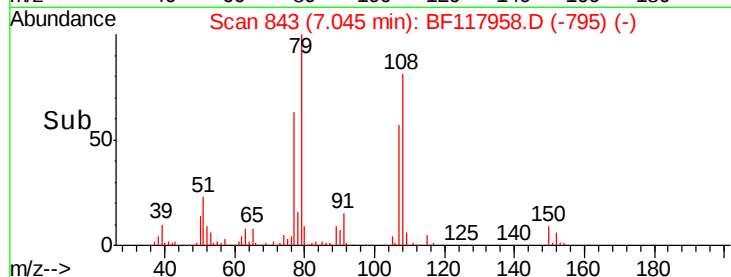
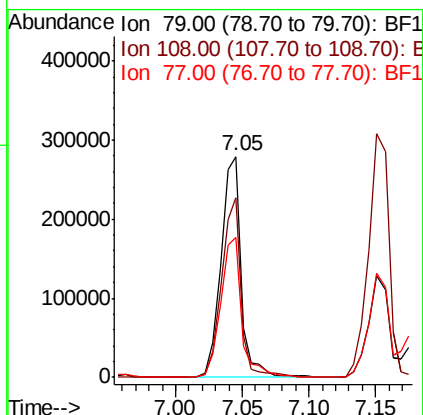
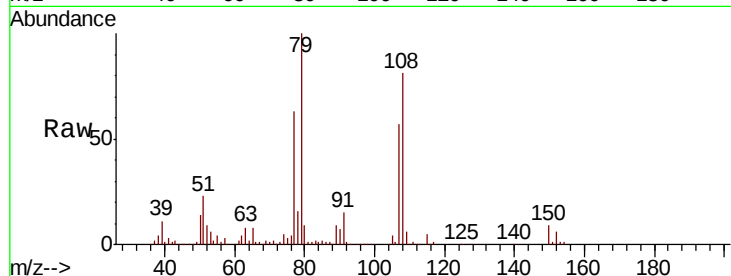
Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	79	Resp:	299794
Ion	Ratio	Lower	Upper
79	100		
108	81.3	64.1	96.1
77	63.1	51.3	76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.689 ng

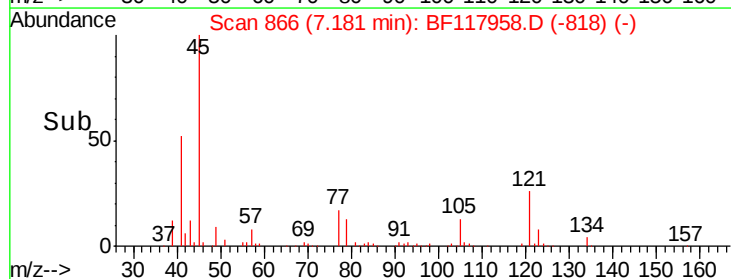
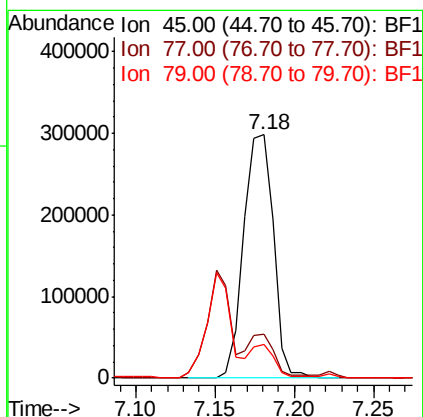
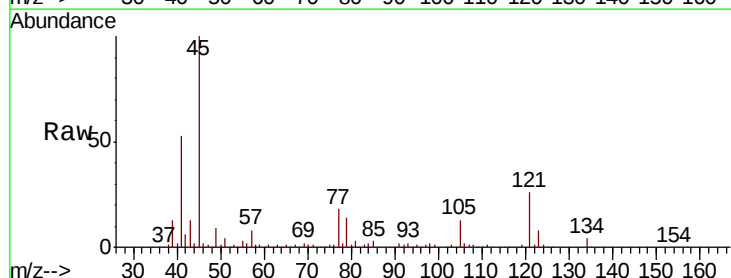
RT: 7.18 min Scan# 866

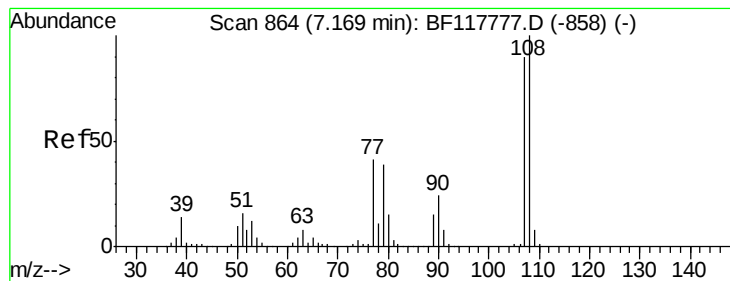
Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Tgt Ion:	45	Resp:	389512
Ion	Ratio	Lower	Upper
45	100		
77	17.9	0.0	35.0
79	14.0	0.0	31.1

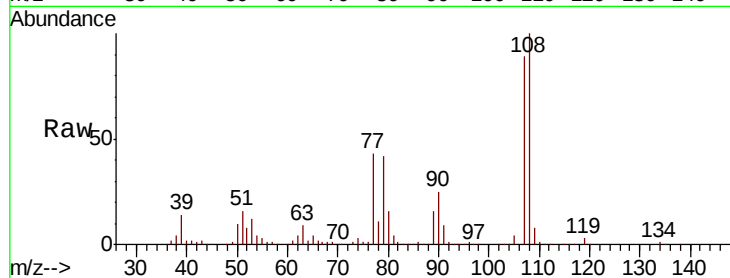




#17
2-Methylphenol
Concen: 39.141 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.5	89.1	133.7
77	48.3	36.6	54.8
79	47.2	35.2	52.8



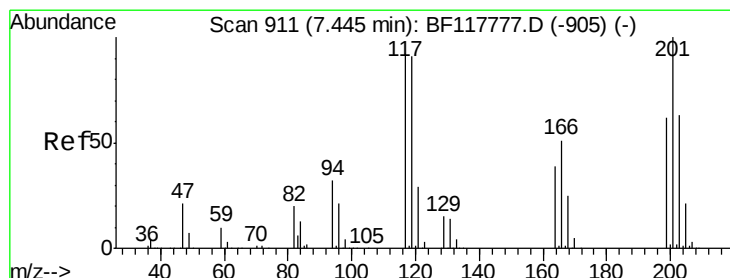
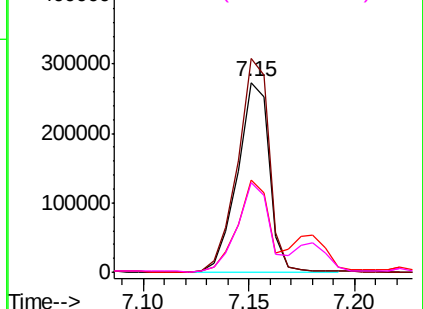
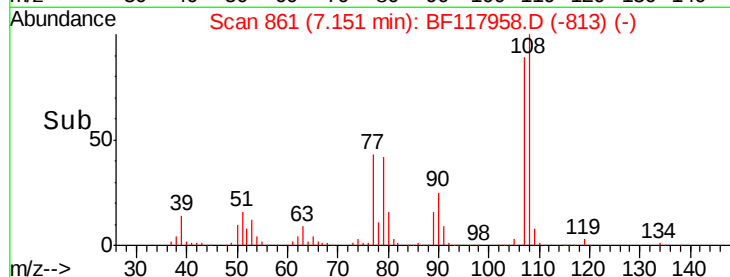
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

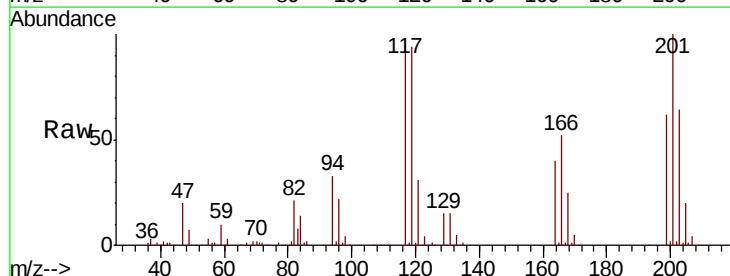
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 43.706 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	78.7	118.1
201	104.4	86.5	129.7

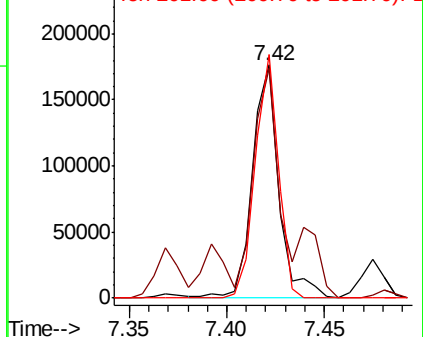
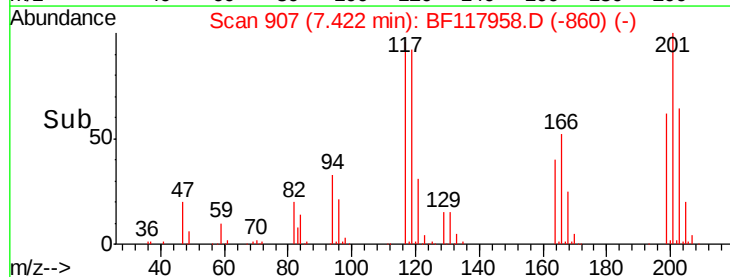


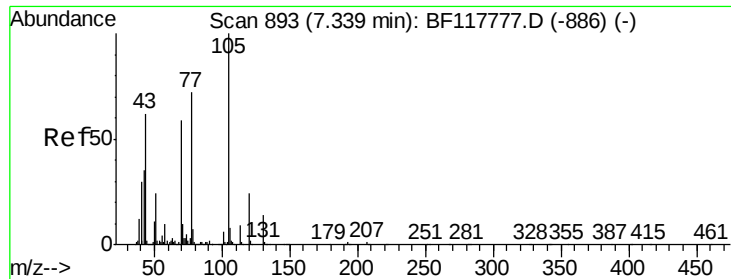
Abundance

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

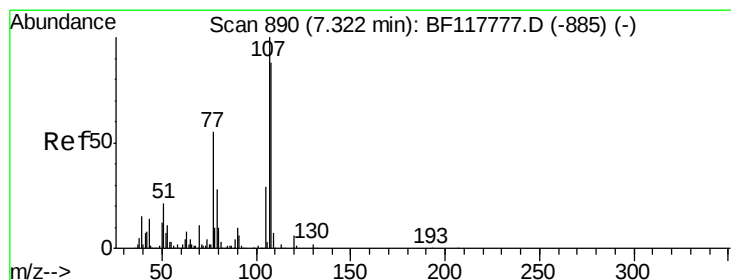
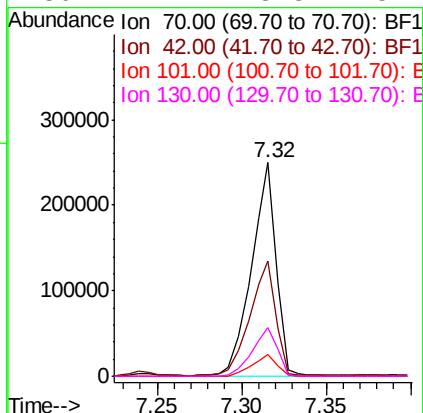
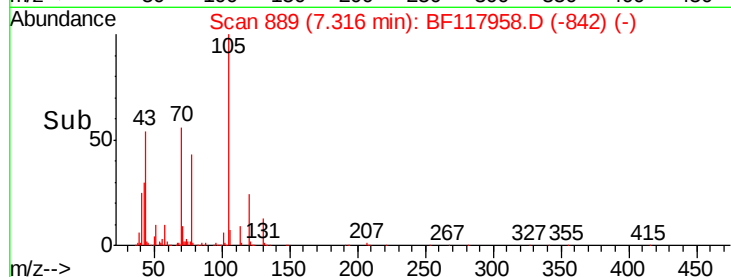
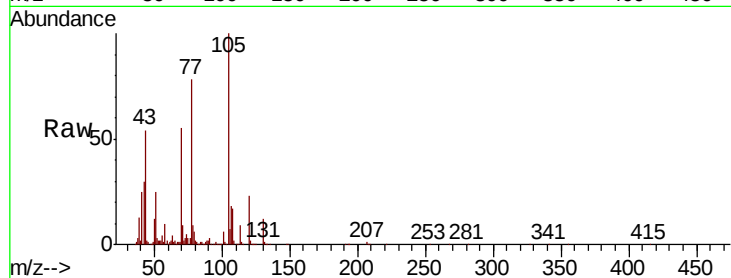




#19
n-Nitroso-di-n-propylamine
Concen: 42.856 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

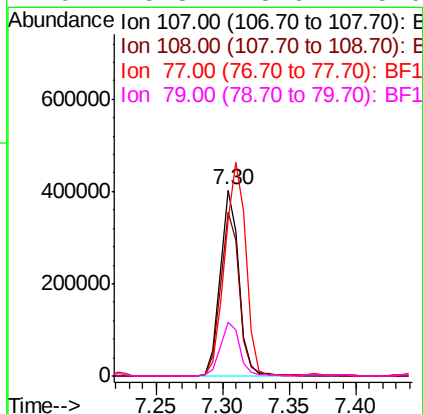
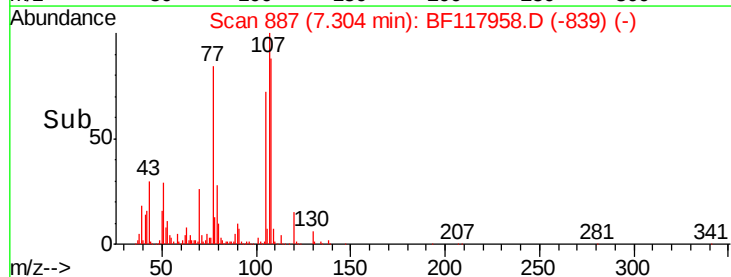
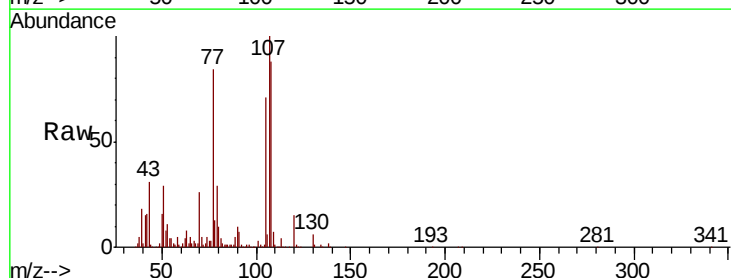
Instrument :
BNA_F
ClientSampleId :

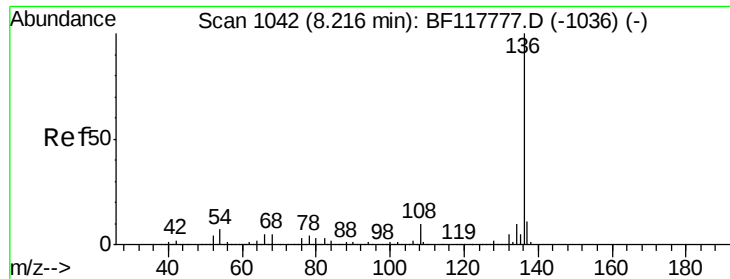
Tot Ion	Ratio	Lower	Upper
70	100		
42	54.2	47.4	71.2
101	10.4	8.4	12.6
130	22.7	18.8	28.2



#20
3+4-Methylphenols
Concen: 44.067 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	68.4	108.4
77	84.0	35.2	75.2#
79	28.8	8.6	48.6

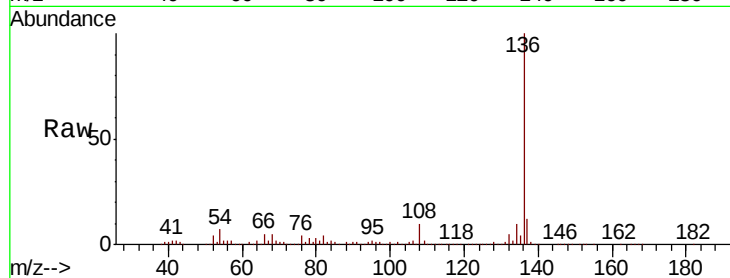




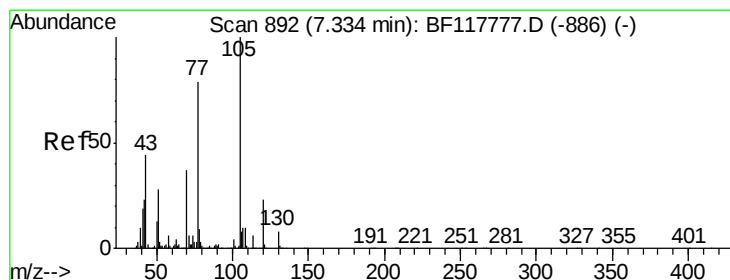
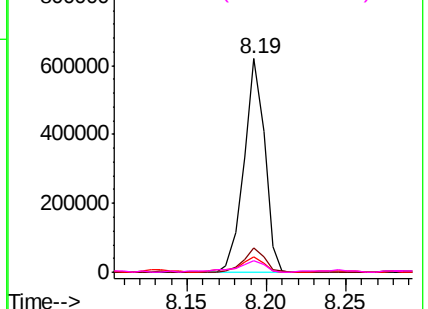
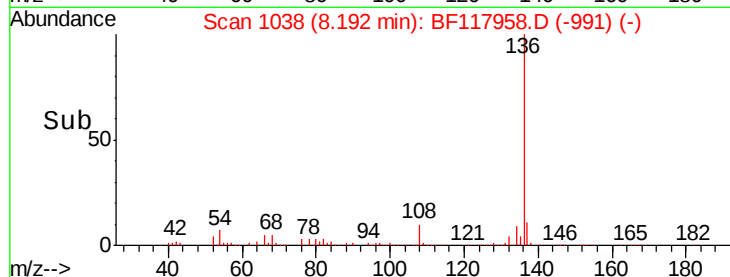
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	556962
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.0 13.4
54	7.2	5.4 8.2
68	5.5	4.3 6.5

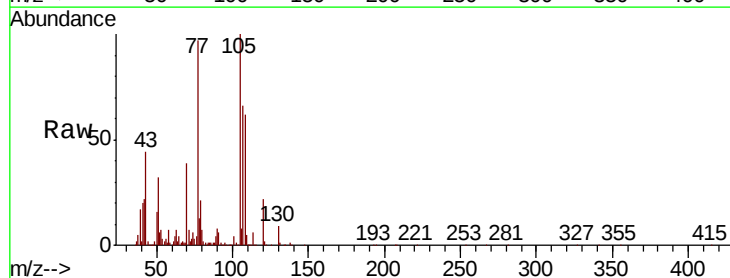


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

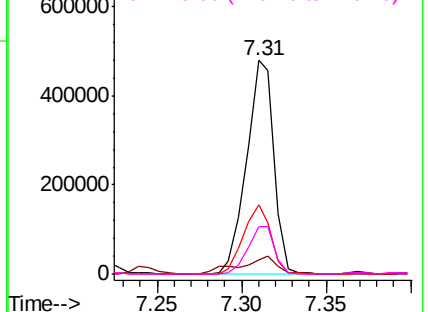
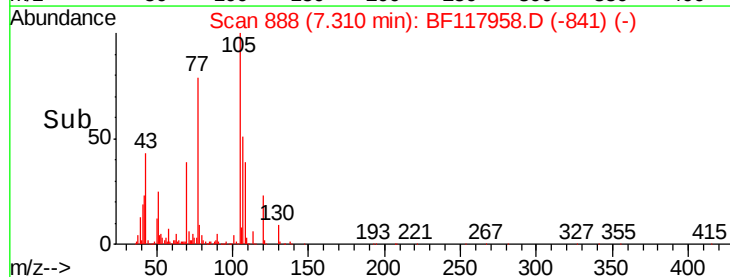


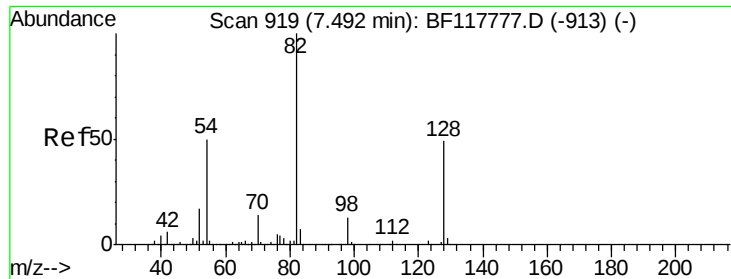
#22
Acetophenone
Concen: 43.470 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion:105	Resp:	543947
Ion Ratio	Lower	Upper
105	100	
71	6.8	4.9 7.3
51	32.2	22.7 34.1
120	22.3	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

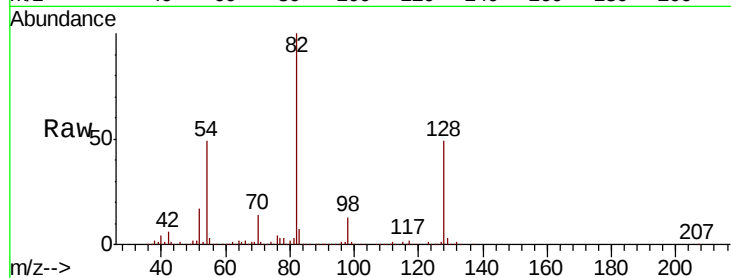




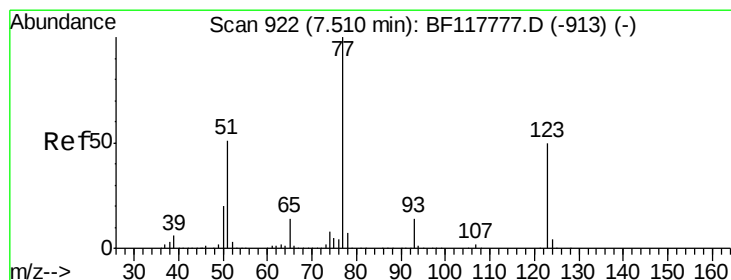
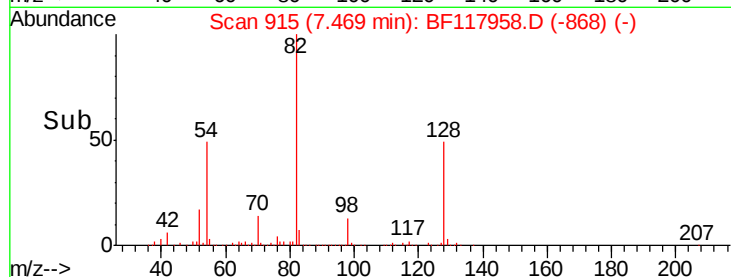
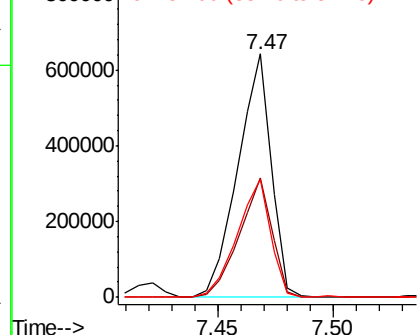
#23
Nitrobenzene-d5
Concen: 68.625 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.2	38.9	58.3
54	48.8	39.8	59.6

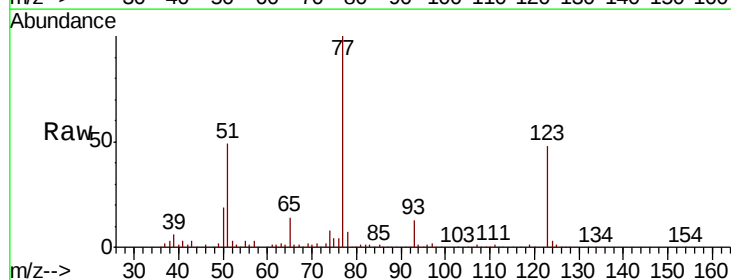


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

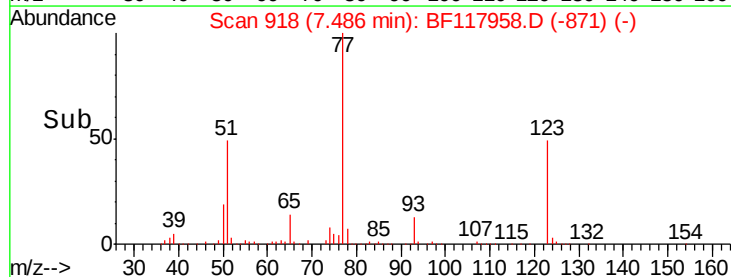
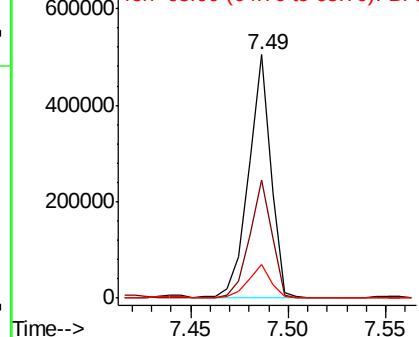


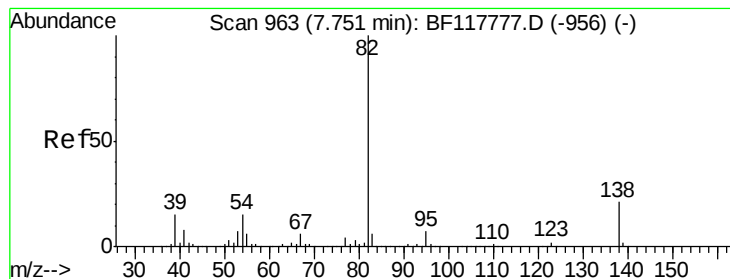
#24
Nitrobenzene
Concen: 41.026 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.5	40.3	60.5
65	14.0	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: 42.789 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

ClientSampled :

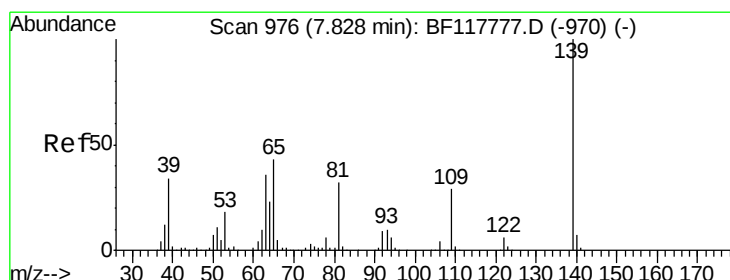
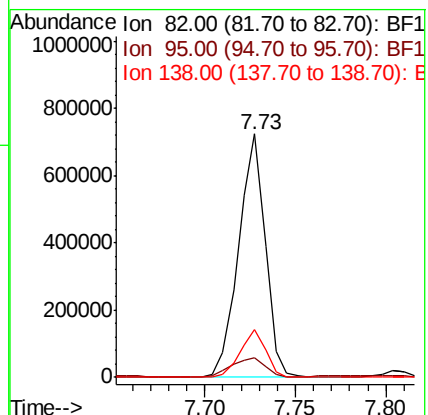
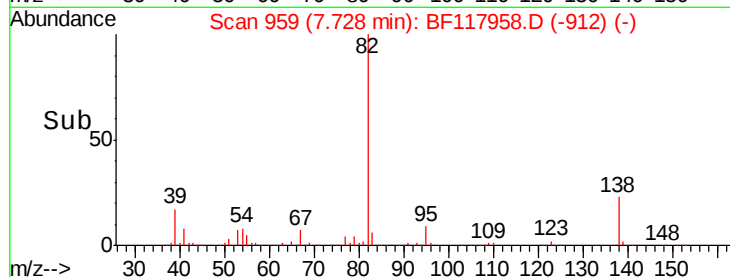
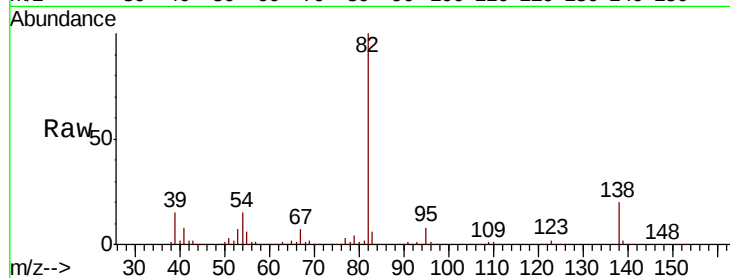
Tot Ion: 82 Resp: 734798

Ion Ratio Lower Upper

82 100

95 8.0 5.8 8.8

138 19.8 16.5 24.7



#26

2-Nitrophenol

Concen: 45.965 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

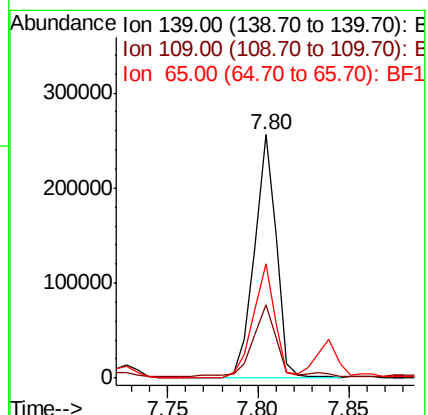
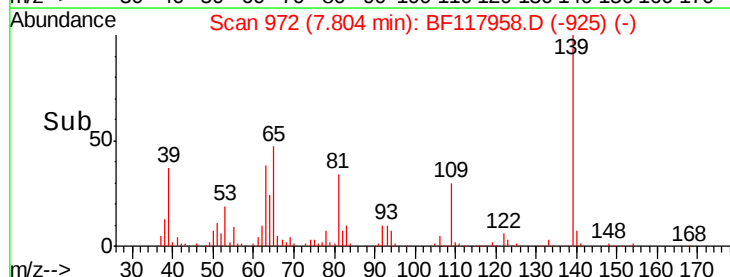
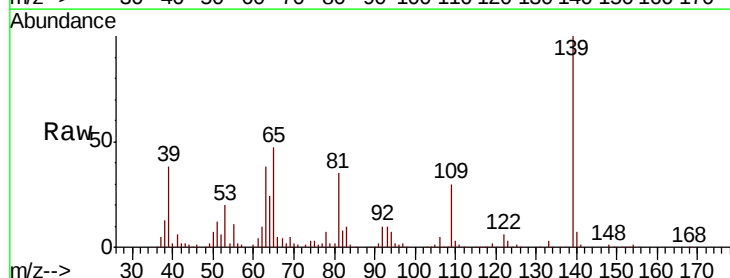
Tgt Ion: 139 Resp: 216242

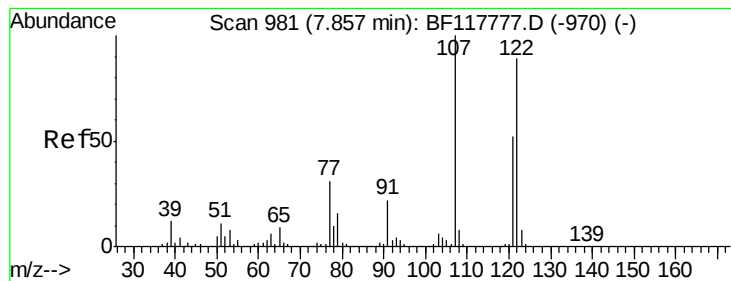
Ion Ratio Lower Upper

139 100

109 30.4 23.0 34.4

65 46.9 34.7 52.1





#27

2,4-Dimethylphenol

Concen: 46.078 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

ClientSampleId :

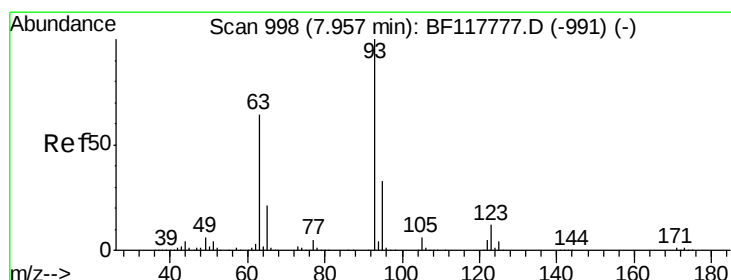
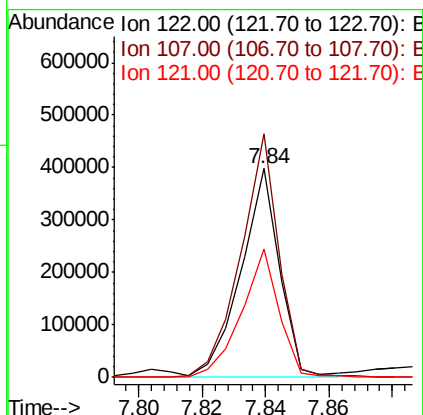
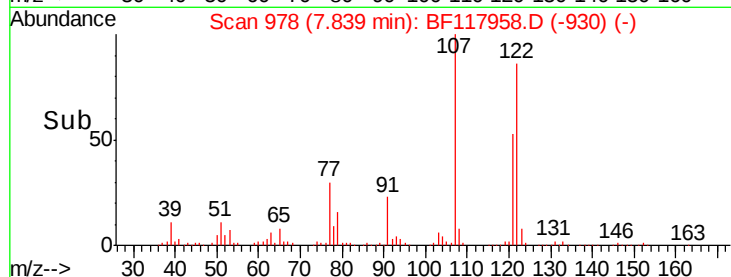
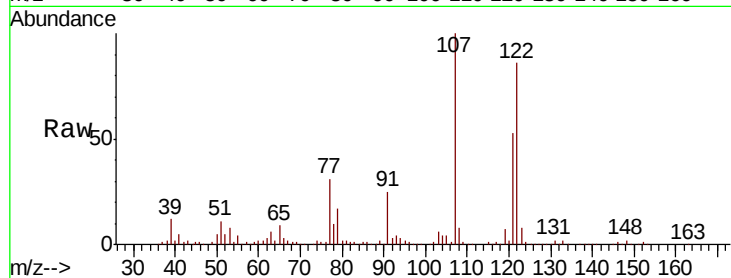
Tot Ion:122 Resp: 336841

Ion Ratio Lower Upper

122 100

107 116.6 90.0 135.0

121 61.7 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 36.596 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

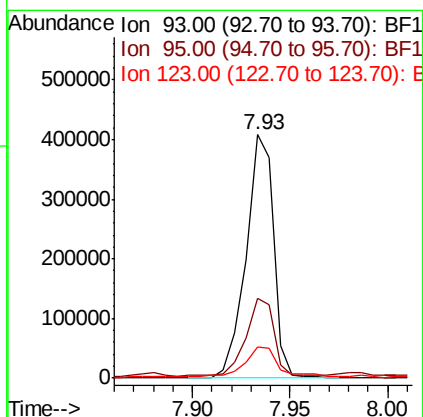
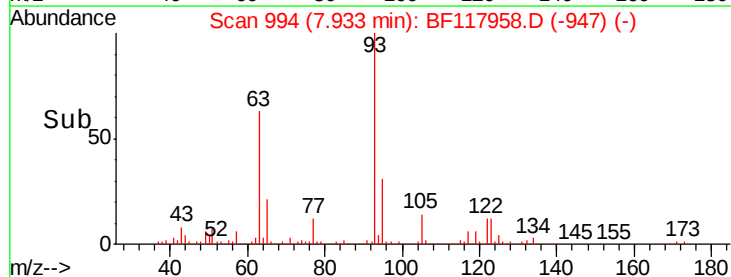
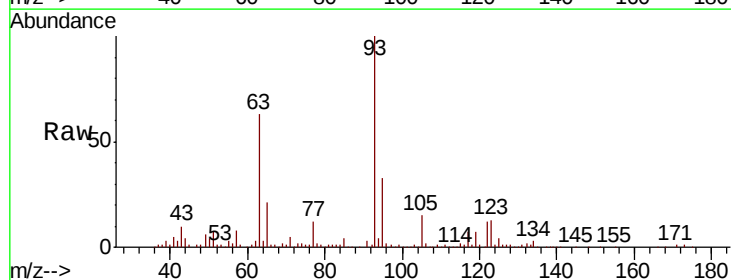
Tgt Ion: 93 Resp: 398794

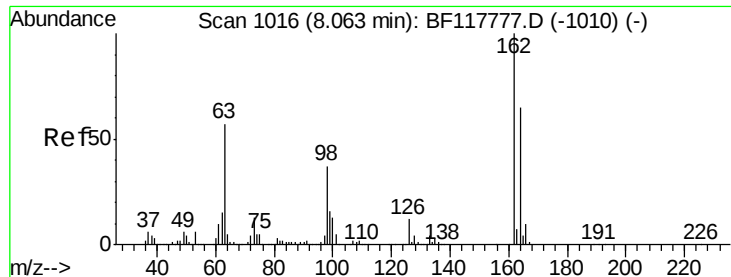
Ion Ratio Lower Upper

93 100

95 32.6 26.6 40.0

123 12.6 10.3 15.5

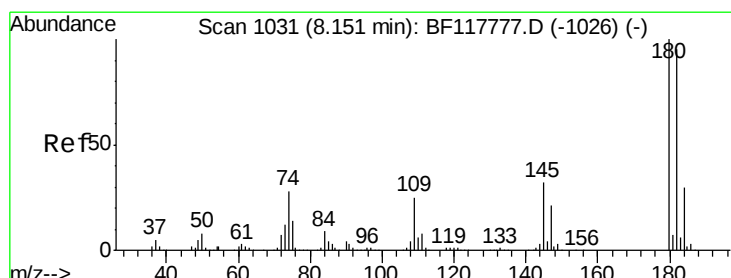
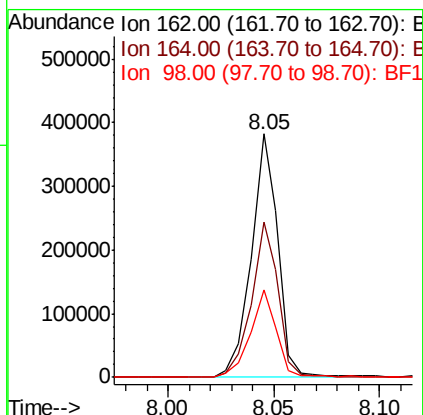
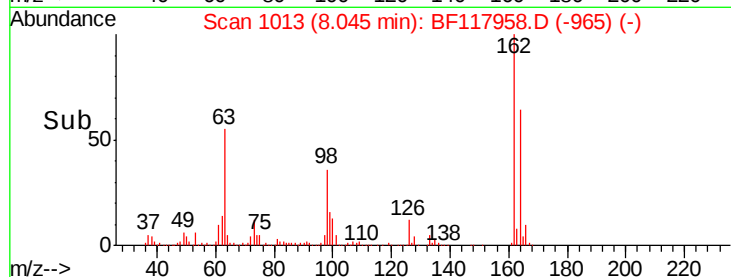
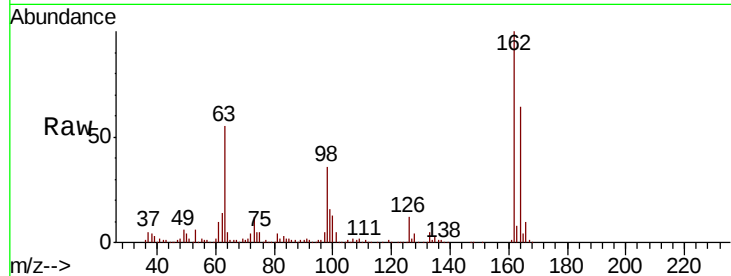




#29
2,4-Dichlorophenol
Concen: 42.176 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

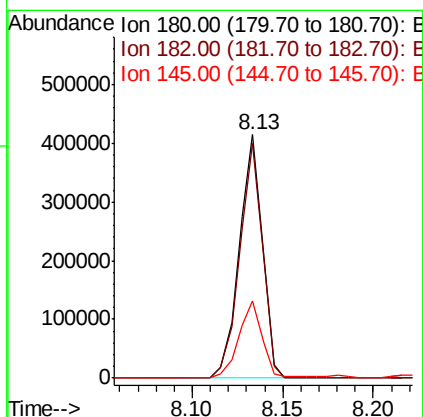
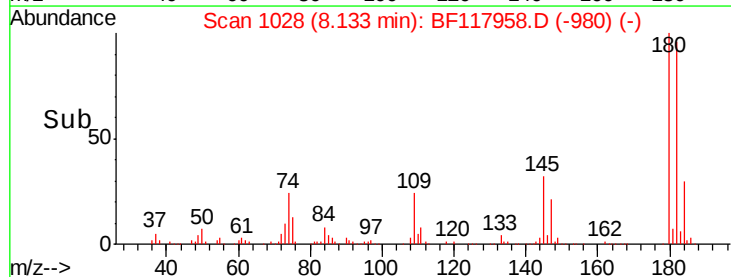
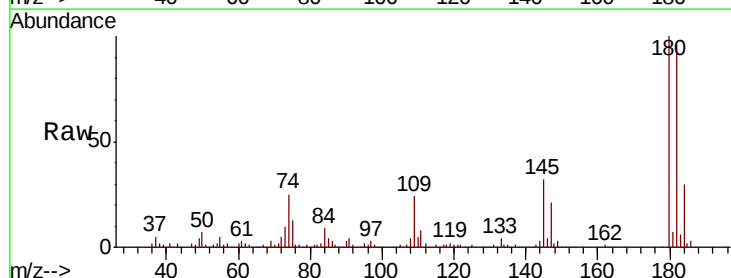
Instrument :
BNA_F
ClientSampled :

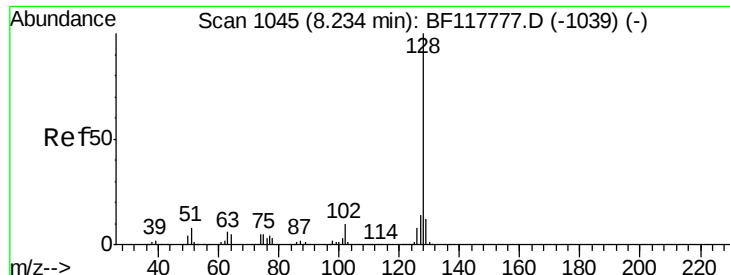
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	45.1	85.1
98	35.8	17.2	57.2



#30
1,2,4-Trichlorobenzene
Concen: 39.713 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.8	113.6
145	31.6	25.5	38.3

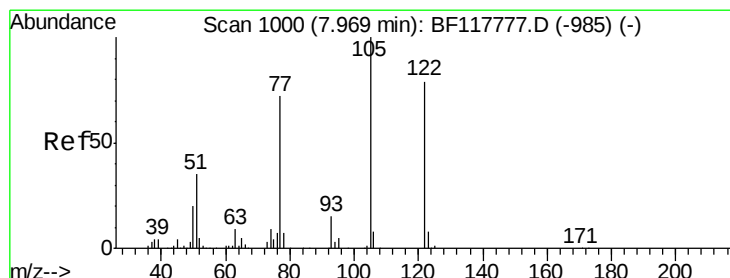
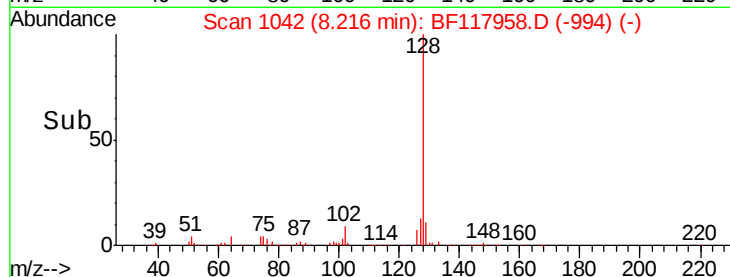
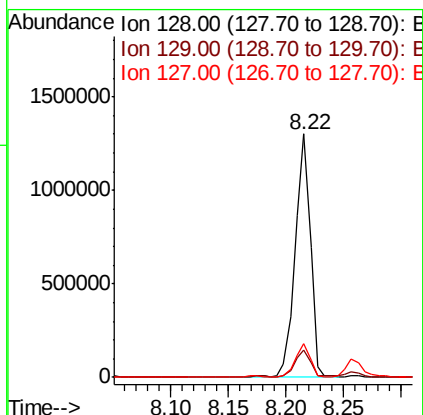
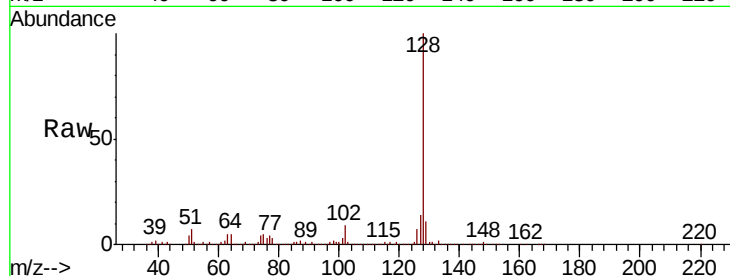




#31
Naphthalene
Concen: 45.976 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

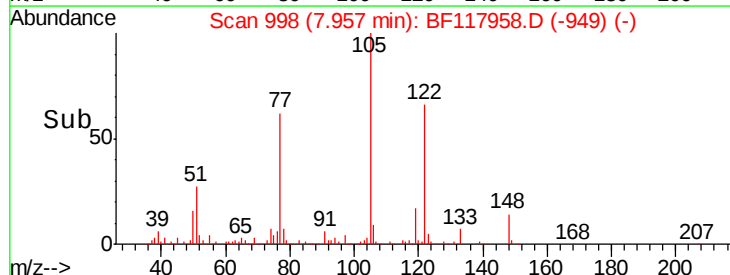
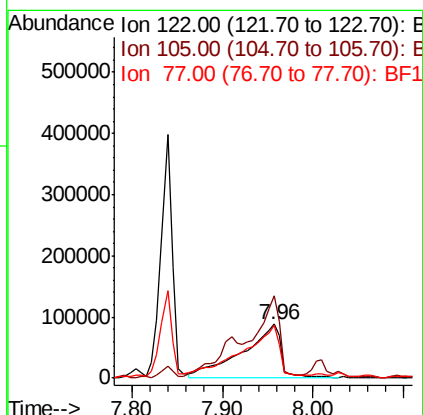
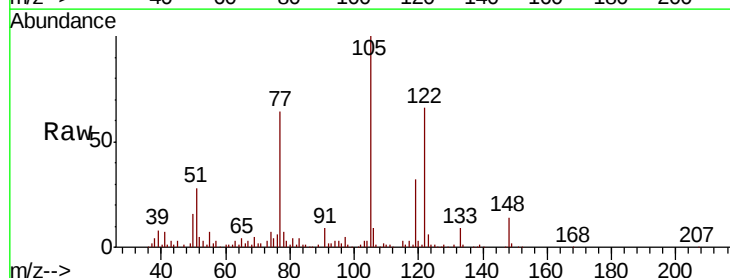
Instrument :
BNA_F
ClientSampleId :

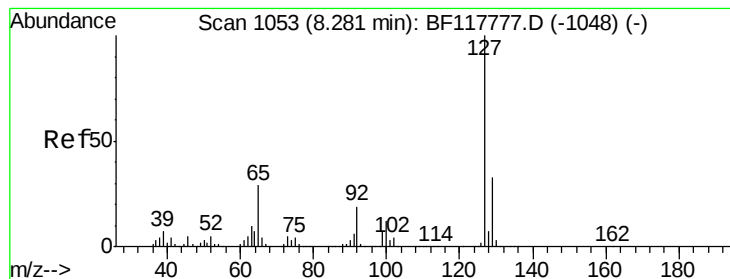
Tot Ion:128 Resp: 1193776
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.7 11.3 16.9



#32
Benzoic acid
Concen: 42.029 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion:122 Resp: 257259
Ion Ratio Lower Upper
122 100
105 152.5 102.7 142.7#
77 97.2 70.5 110.5





#33

4-Chloroaniline

Concen: 9.316 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 108289

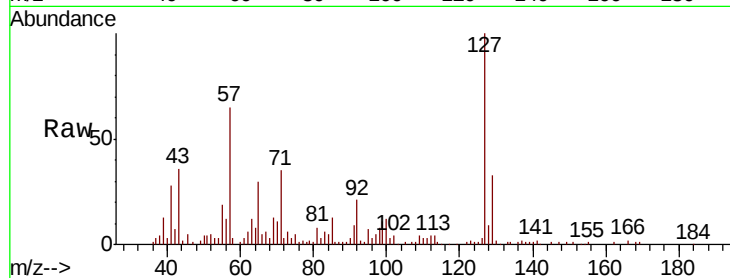
Ion Ratio Lower Upper

127 100

129 32.8 26.5 39.7

65 29.6 22.9 34.3

92 20.8 15.0 22.6

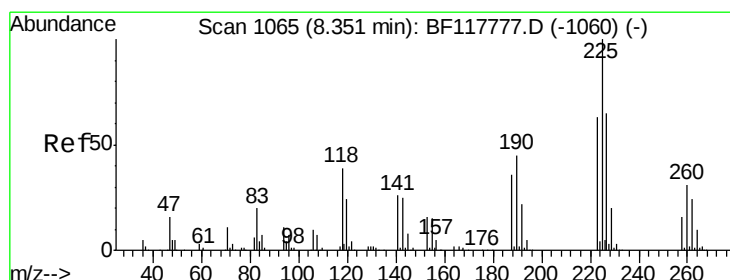
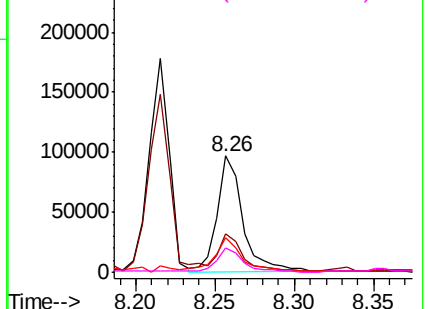
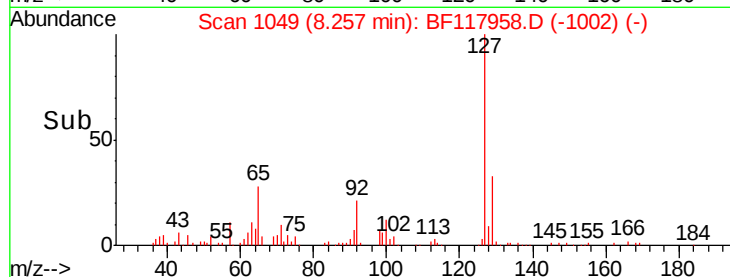


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 33.448 ng

RT: 8.33 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

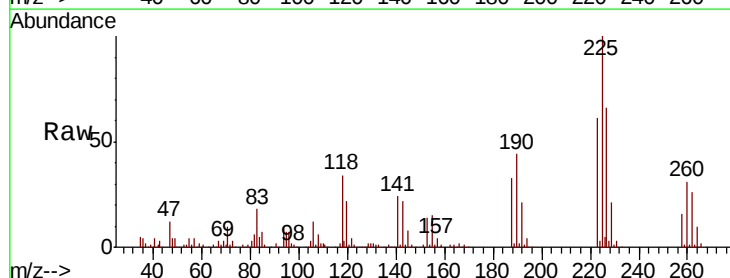
Tgt Ion:225 Resp: 179871

Ion Ratio Lower Upper

225 100

223 61.2 50.0 75.0

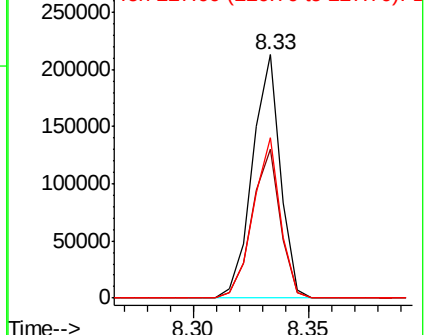
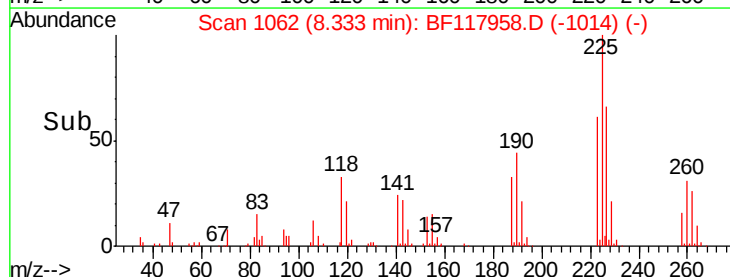
227 65.8 51.8 77.6

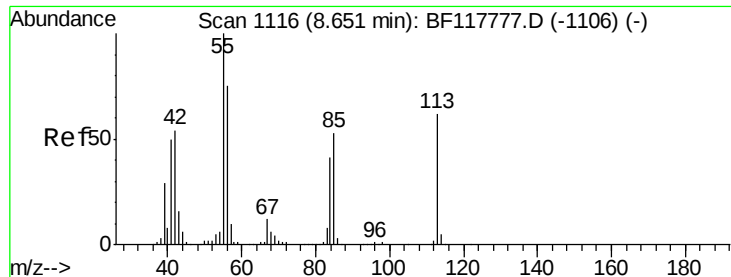


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

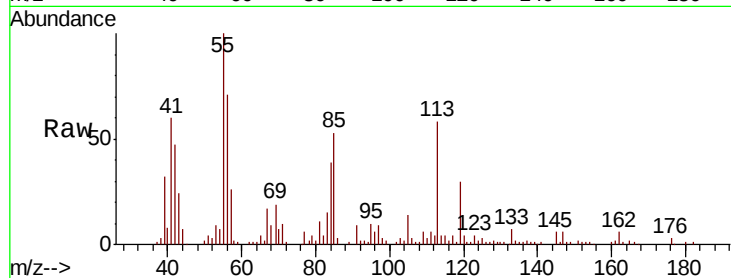




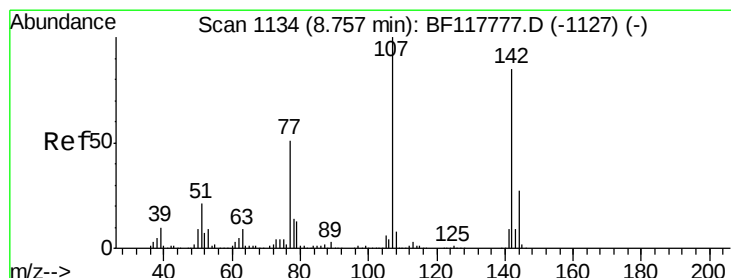
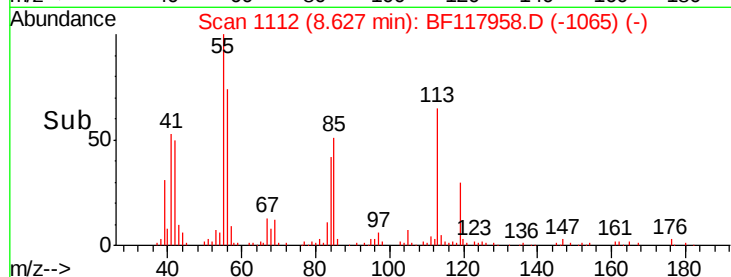
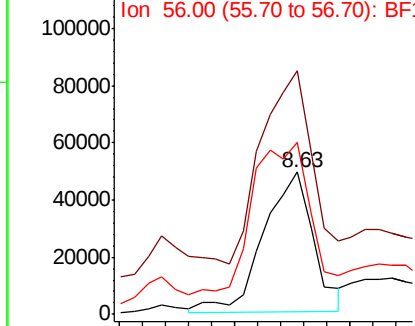
#35
Caprolactam
Concen: 28.992 ng
RT: 8.63 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 73063
Ion Ratio Lower Upper
113 100
55 171.3 141.1 181.1
56 120.9 100.5 140.5

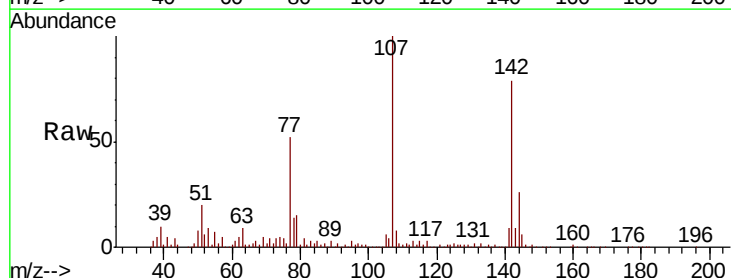


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

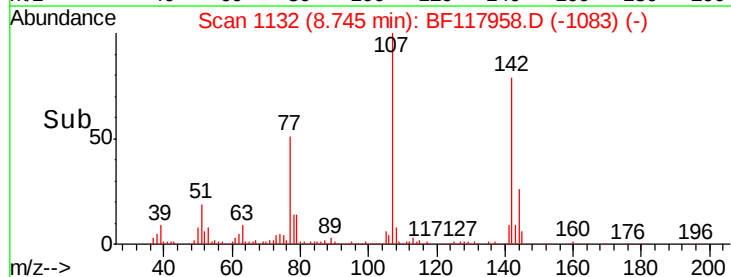
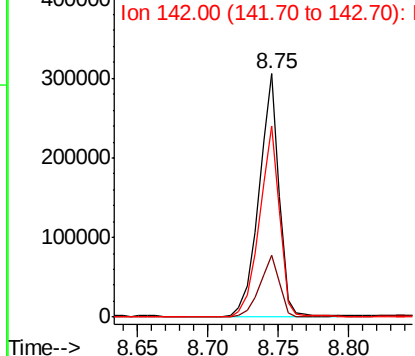


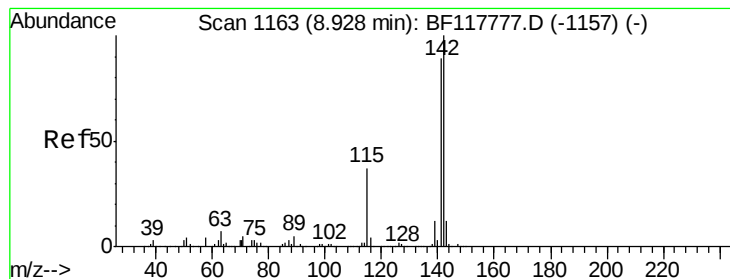
#36
4-Chloro-3-methylphenol
Concen: 37.970 ng
RT: 8.75 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion:107 Resp: 305558
Ion Ratio Lower Upper
107 100
144 25.6 21.9 32.9
142 78.6 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: 40.470 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

ClientSampleId :

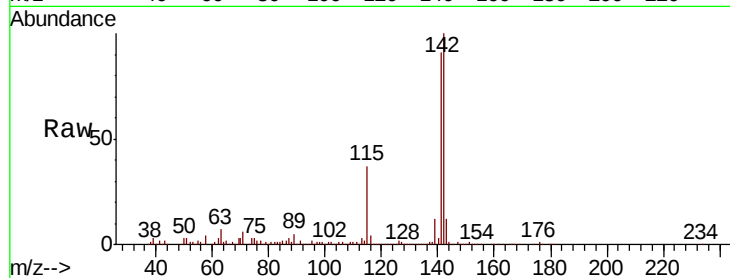
Tot Ion:142 Resp: 709991

Ion Ratio Lower Upper

142 100

141 91.0 71.1 106.7

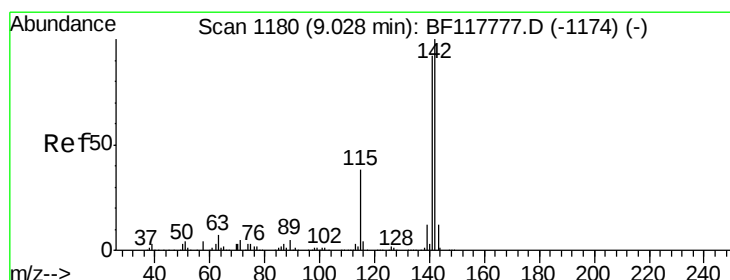
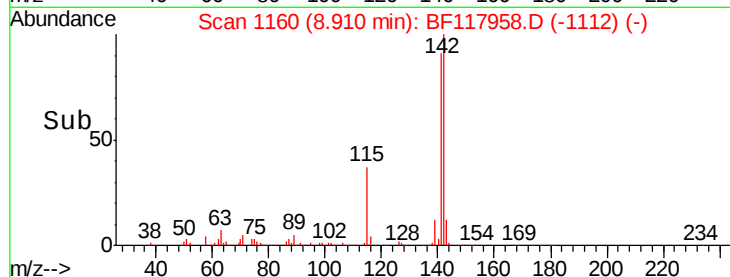
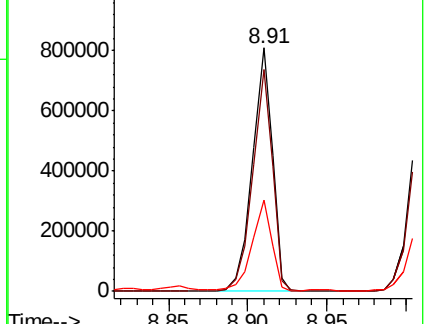
115 37.3 29.2 43.8



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: 38.723 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

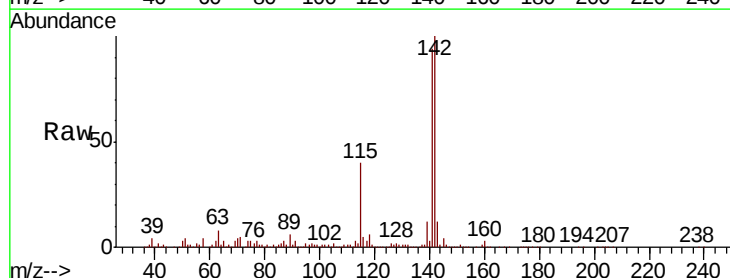
Tgt Ion:142 Resp: 642248

Ion Ratio Lower Upper

142 100

141 94.0 73.5 110.3

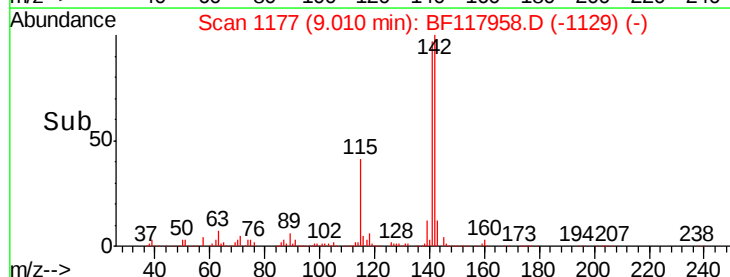
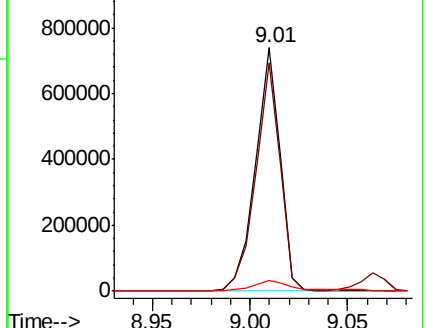
116 4.6 3.2 4.8

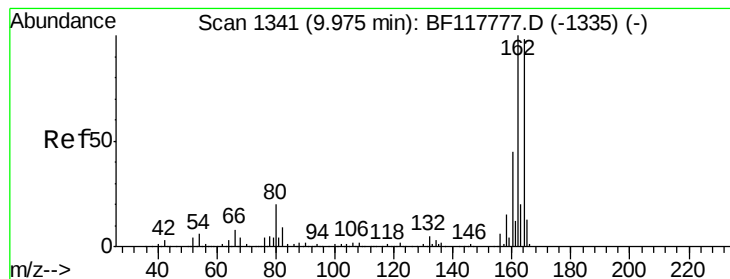


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.96 min Scan# 1338

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

ClientSampleId :

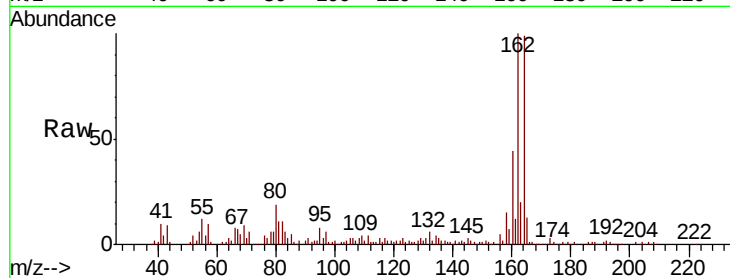
Tot Ion:164 Resp: 251952

Ion Ratio Lower Upper

164 100

162 101.0 81.3 121.9

160 44.6 36.6 55.0

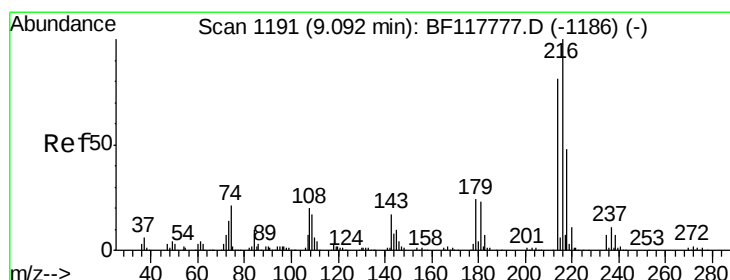
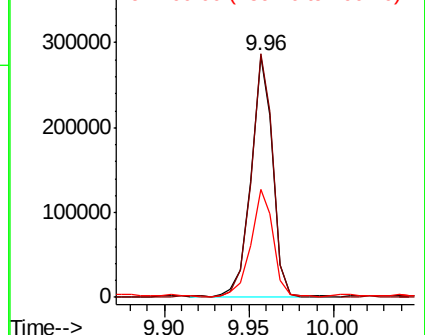
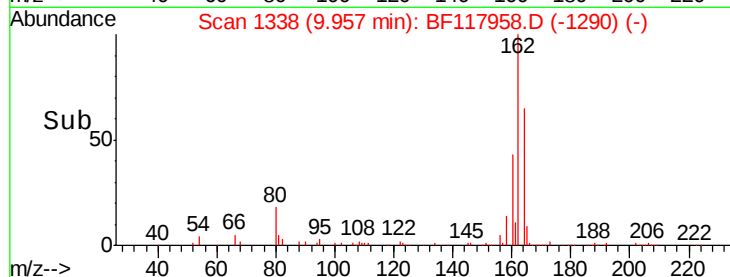


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.141 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Tgt Ion:216 Resp: 286394

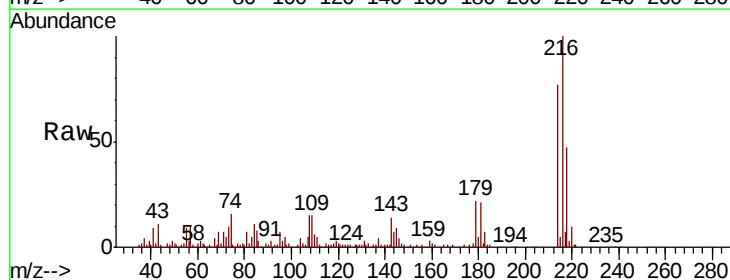
Ion Ratio Lower Upper

216 100

214 77.1 63.4 95.0

179 23.3 18.2 27.4

108 21.8 16.0 24.0



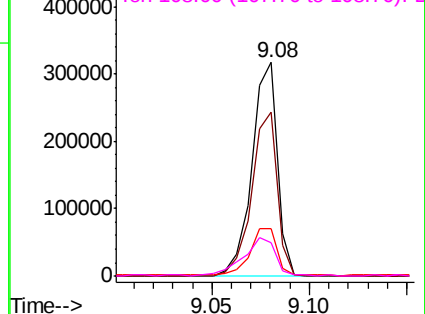
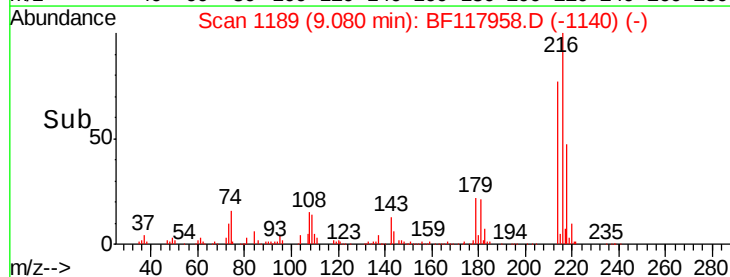
Abundance

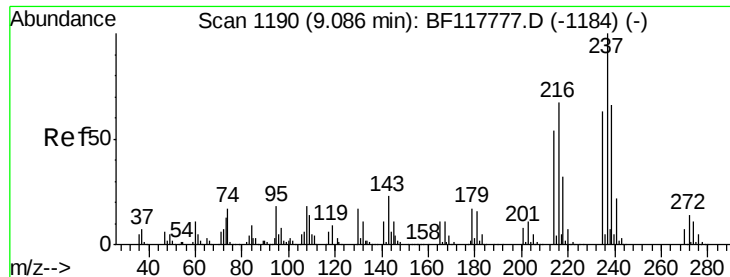
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 89.201 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

ClientSampled :

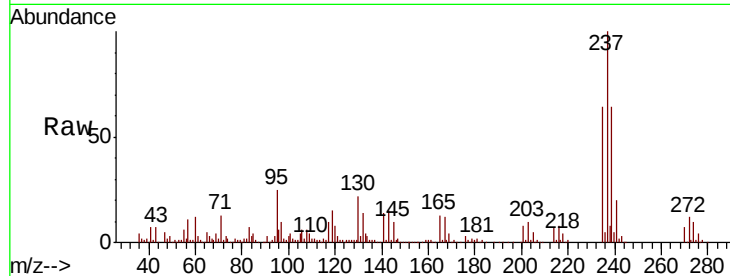
Tot Ion:237 Resp: 365762

Ion Ratio Lower Upper

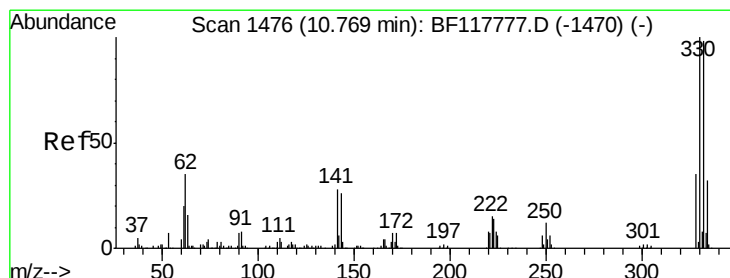
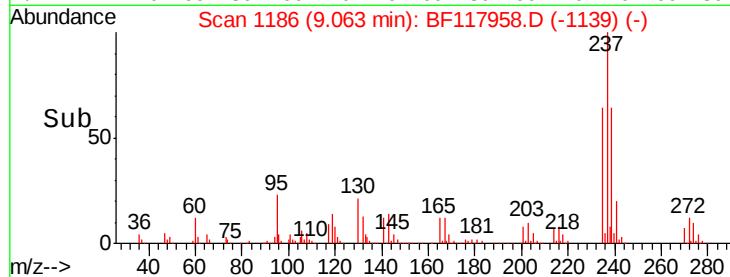
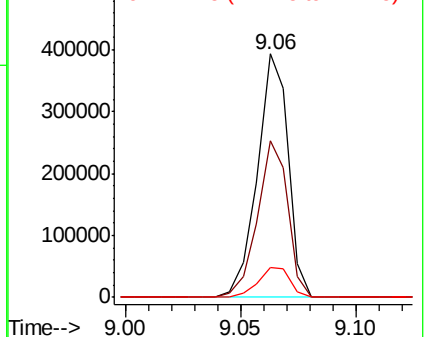
237 100

235 64.5 42.6 82.6

272 12.3 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: 114.874 ng

RT: 10.75 min Scan# 1473

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

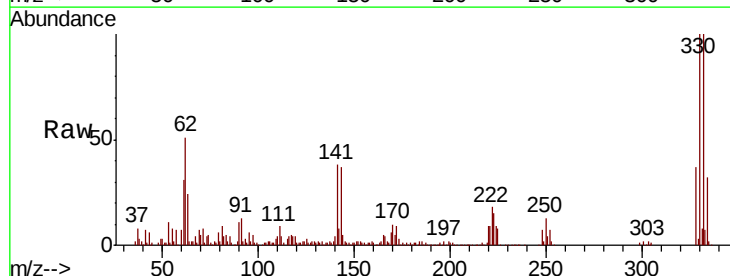
Tgt Ion:330 Resp: 306413

Ion Ratio Lower Upper

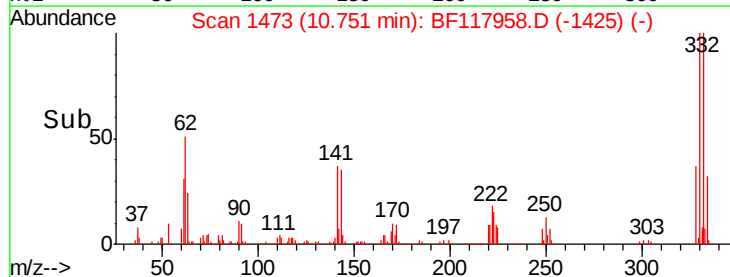
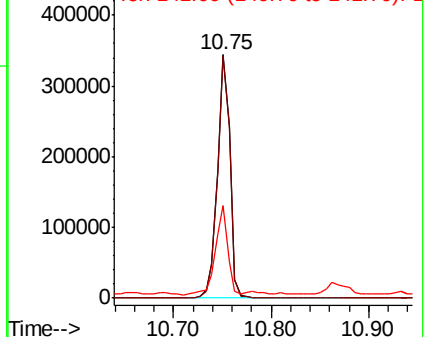
330 100

332 99.3 76.7 115.1

141 36.0 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

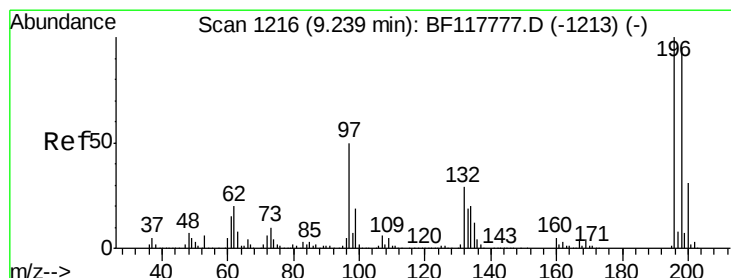
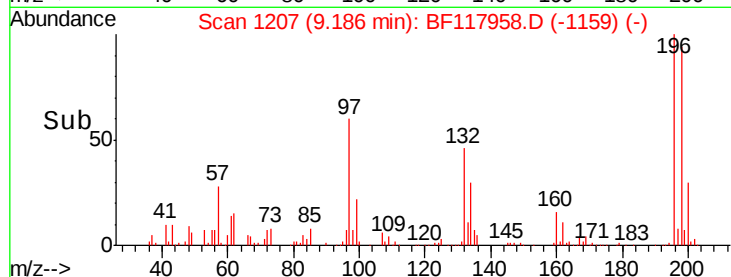
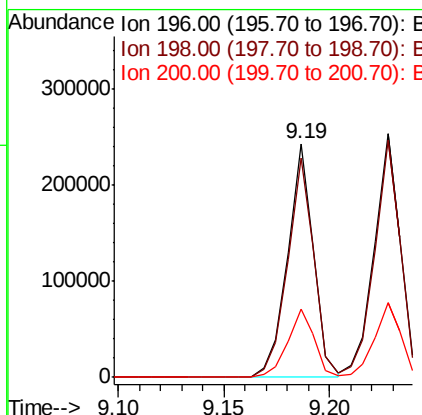
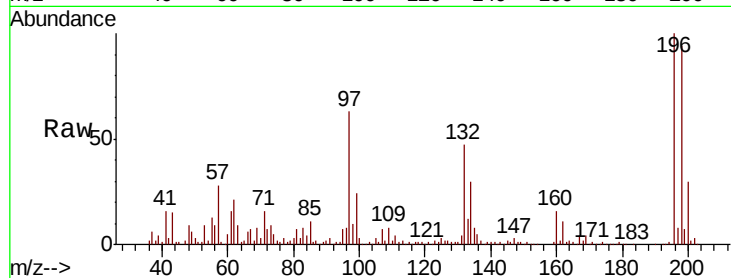




#43
 2,4,6-Trichlorophenol
 Concen: 39.666 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF117958.D
 Acq: 23 Nov 2019 16:00

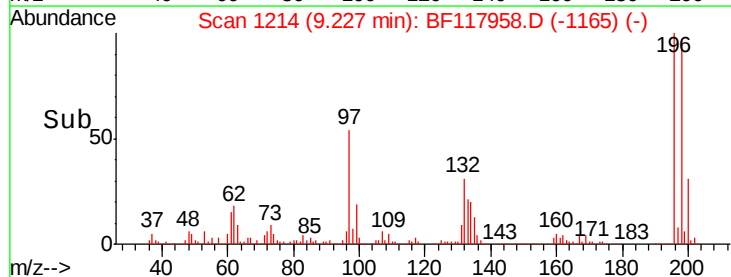
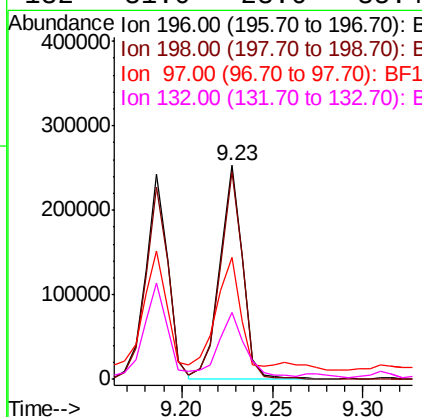
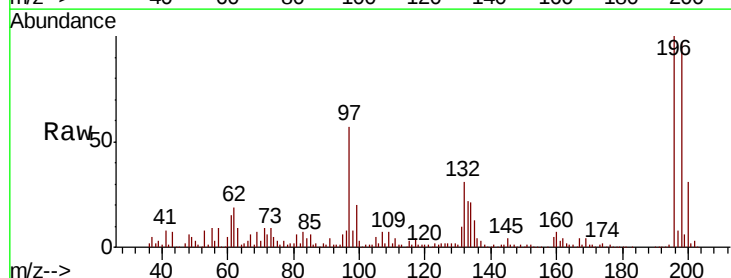
Instrument :
 BNA_F
 ClientSampleId :

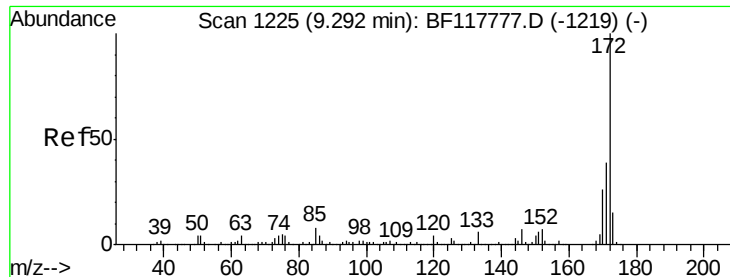
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.8	77.8	116.6
200	29.5	25.4	38.0



#44
 2,4,5-Trichlorophenol
 Concen: 40.432 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF117958.D
 Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	76.3	114.5
97	57.2	40.0	60.0
132	31.0	23.6	35.4

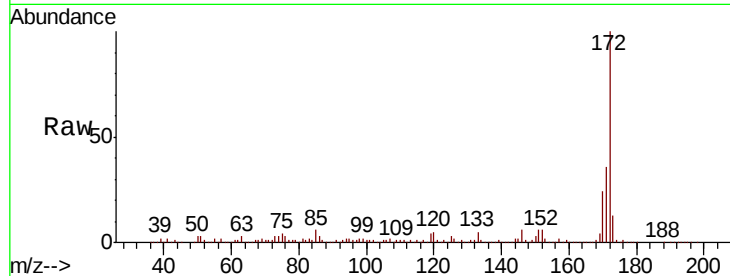




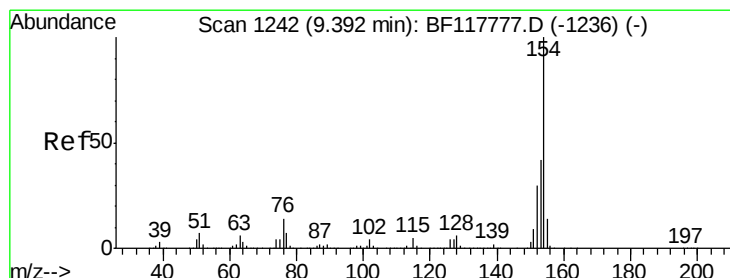
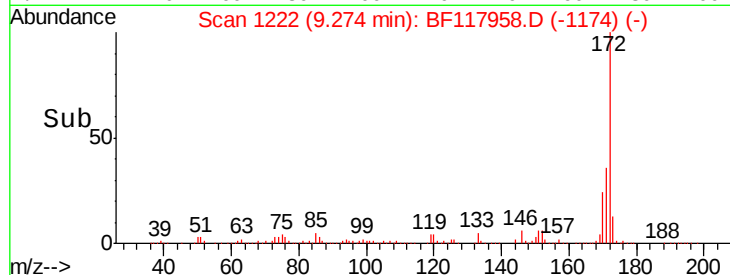
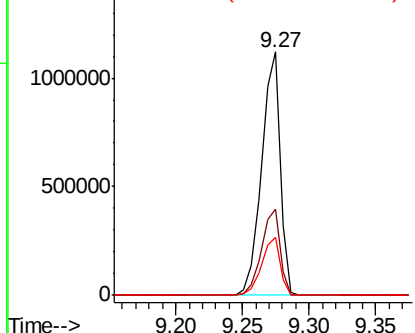
#45
2-Fluorobiphenyl
Concen: 75.909 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1066051
Ion Ratio Lower Upper
172 100
171 35.6 30.9 46.3
170 23.7 21.0 31.4

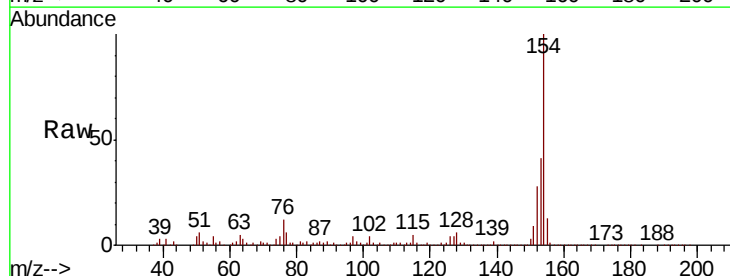


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

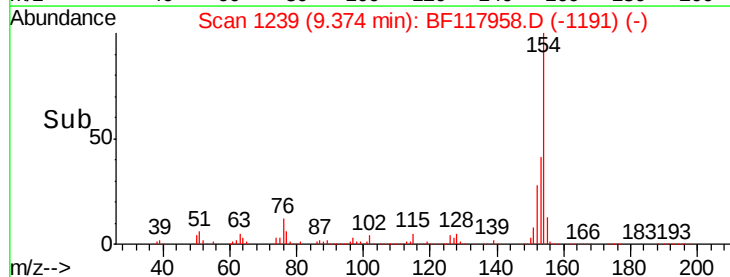
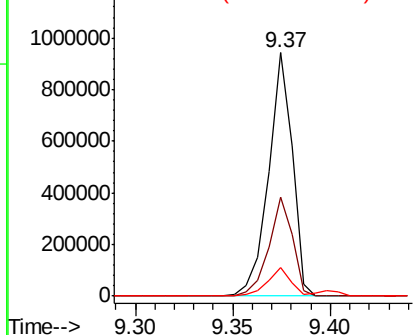


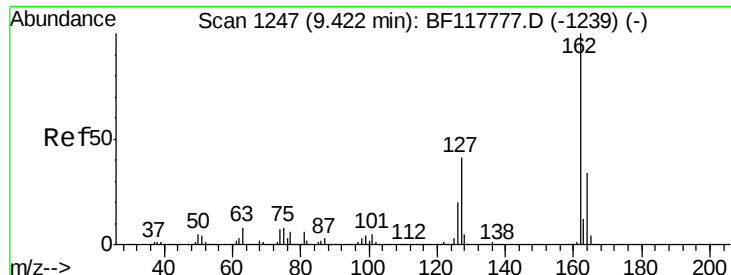
#46
1,1'-Biphenyl
Concen: 42.647 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion:154 Resp: 797180
Ion Ratio Lower Upper
154 100
153 40.7 21.9 61.9
76 11.9 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

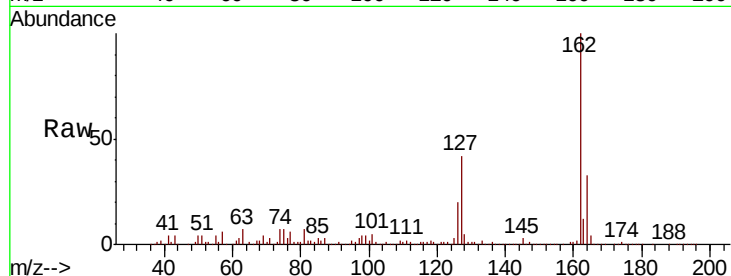




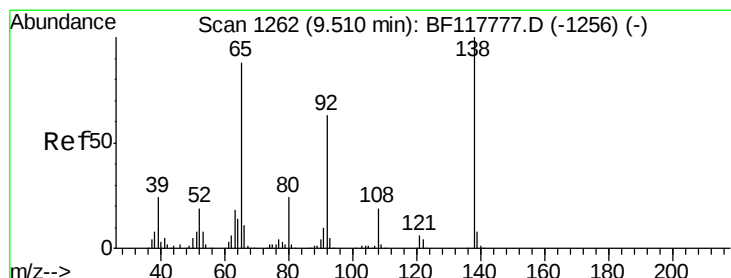
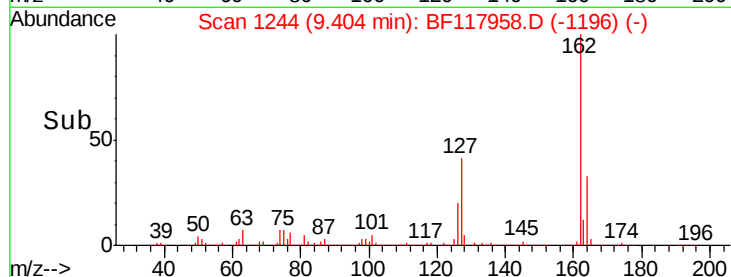
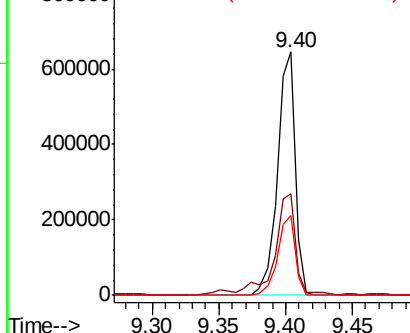
#47
2-Chloronaphthalene
Concen: 39.313 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.7	33.2	49.8
164	33.0	27.3	40.9

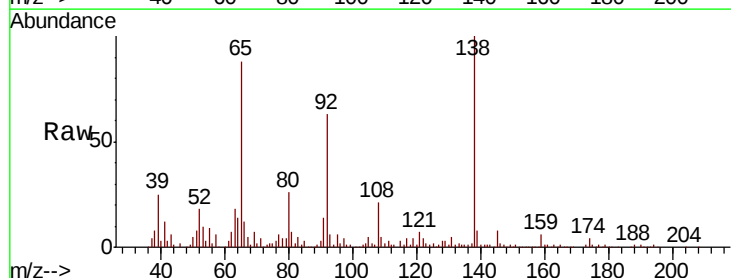


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

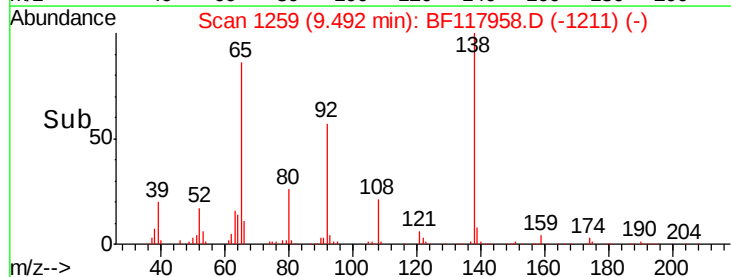
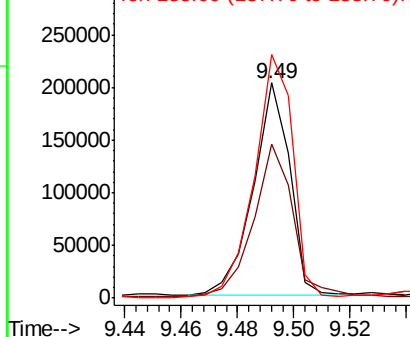


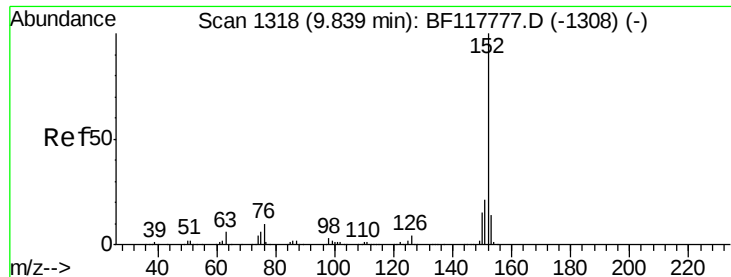
#48
2-Nitroaniline
Concen: 39.114 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.8	56.6	84.8
138	113.3	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: 44.596 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

ClientSampled :

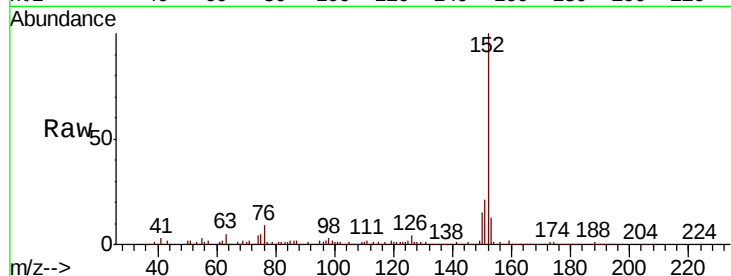
Tot Ion:152 Resp: 999823

Ion Ratio Lower Upper

152 100

151 20.9 17.0 25.6

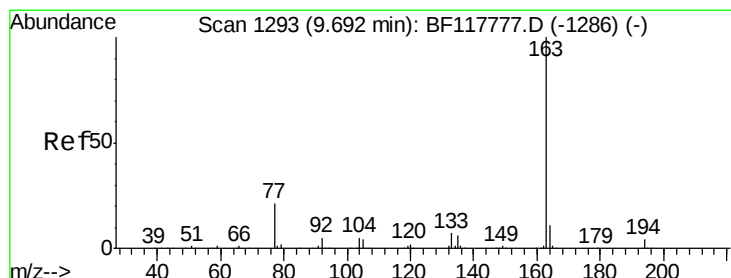
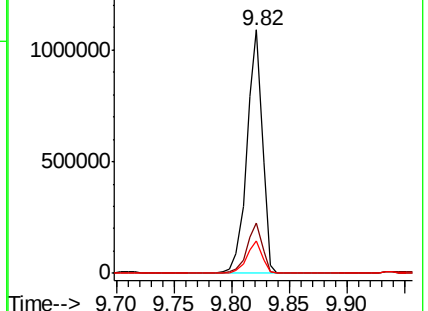
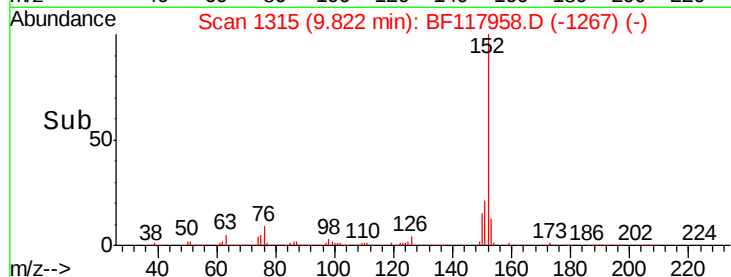
153 13.4 11.0 16.6



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: 50.602 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

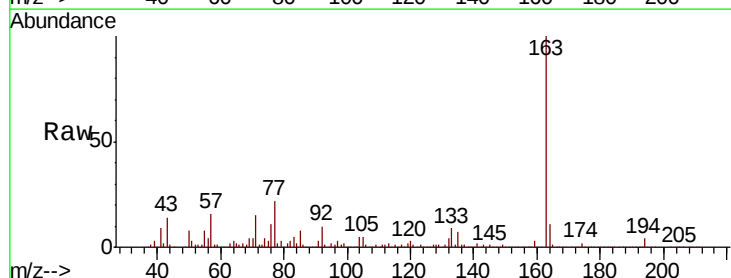
Tgt Ion:163 Resp: 894040

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

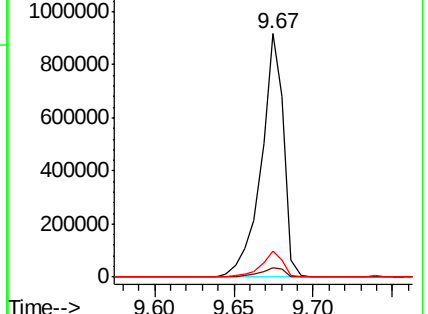
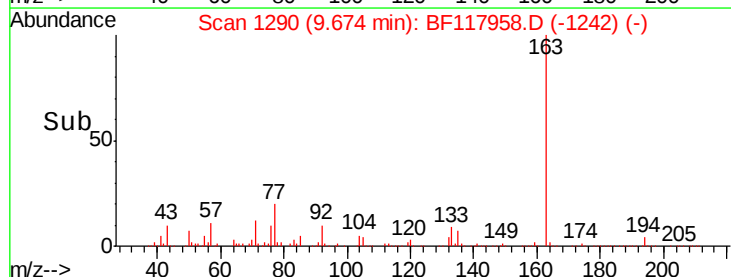
164 10.5 8.7 13.1

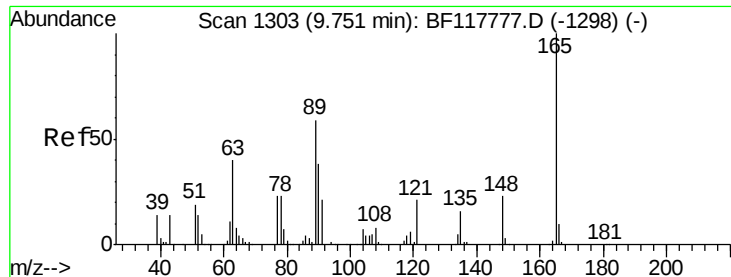


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.453 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

ClientSampleId :

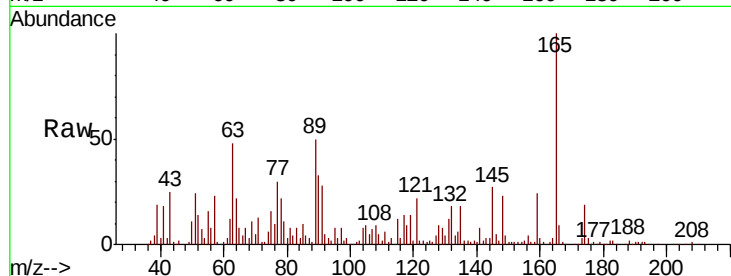
Tot Ion:165 Resp: 163927

Ion Ratio Lower Upper

165 100

63 48.3 46.0 69.0

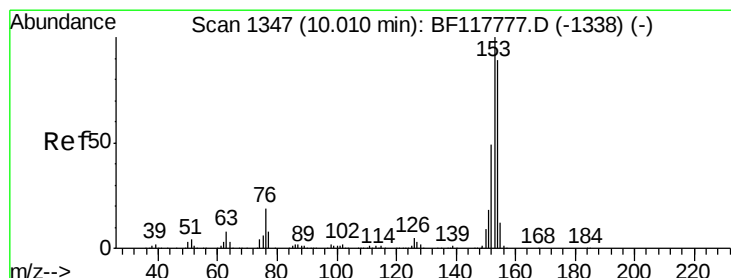
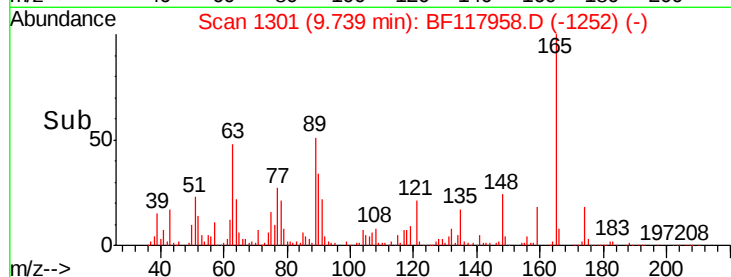
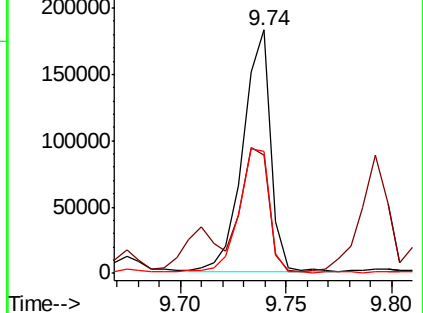
89 50.1 47.7 71.5



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: 47.212 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

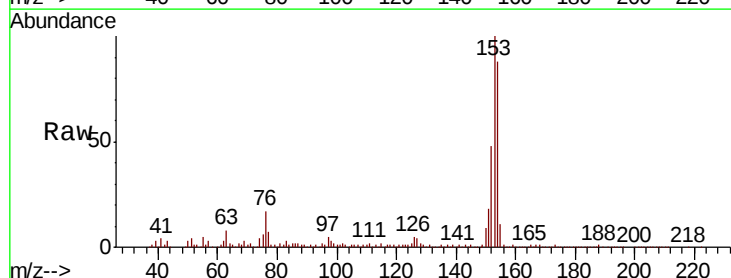
Tgt Ion:154 Resp: 678048

Ion Ratio Lower Upper

154 100

153 113.4 90.1 135.1

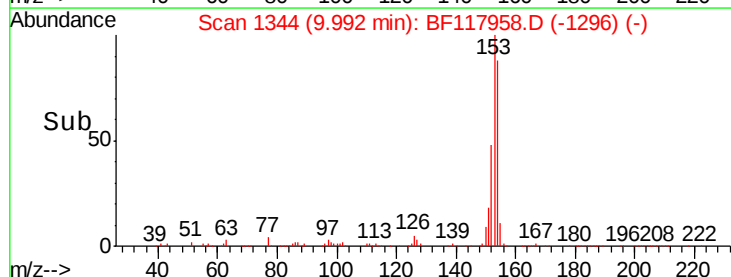
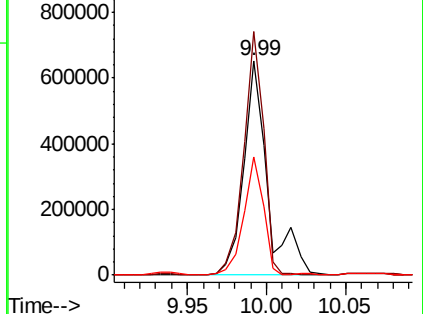
152 55.0 44.0 66.0

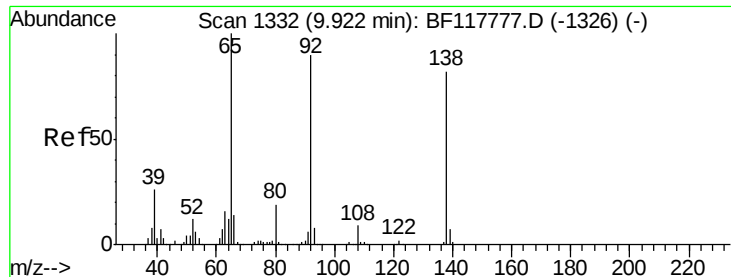


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

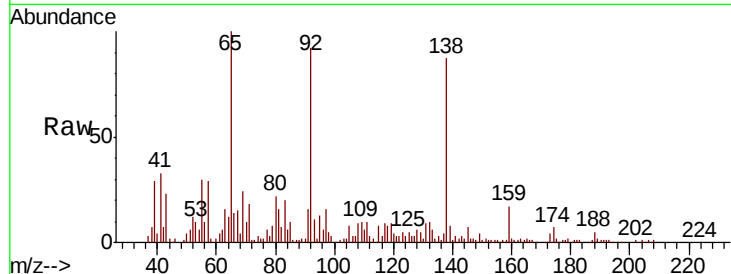




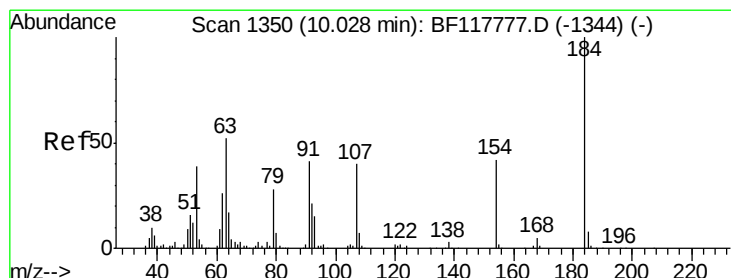
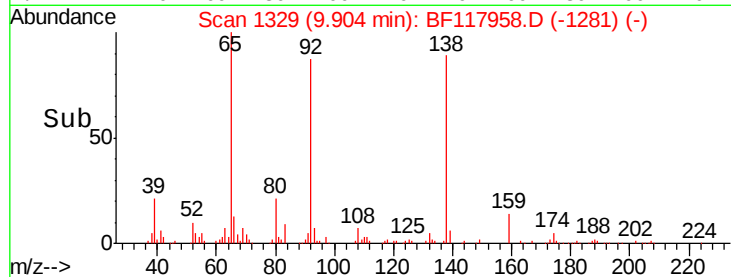
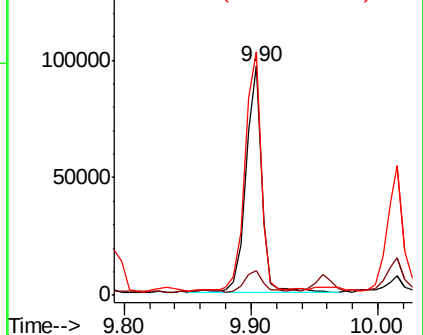
#53
3-Nitroaniline
Concen: 17.867 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 82552
Ion Ratio Lower Upper
138 100
108 10.6 8.6 12.8
92 106.3 87.9 131.9

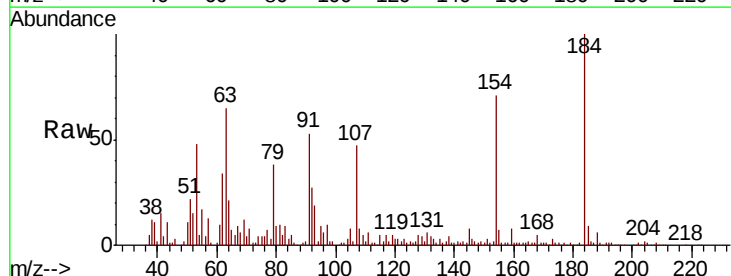


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

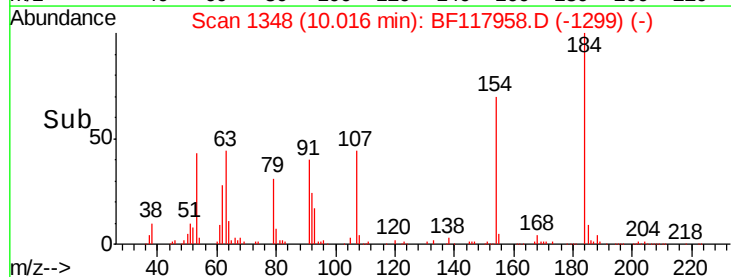
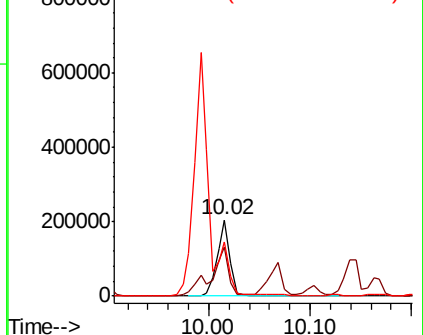


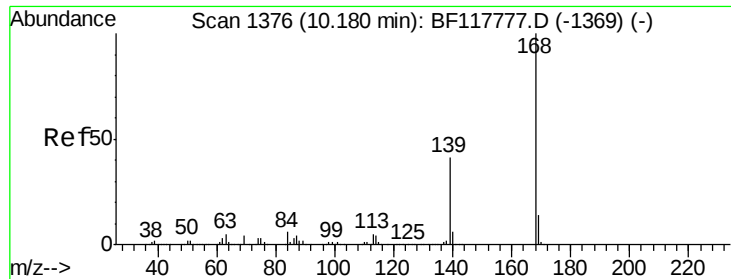
#54
2,4-Dinitrophenol
Concen: 89.111 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion:184 Resp: 178595
Ion Ratio Lower Upper
184 100
63 65.2 43.0 64.6#
154 71.3 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

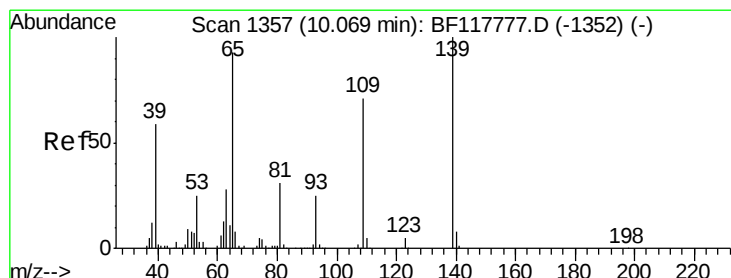
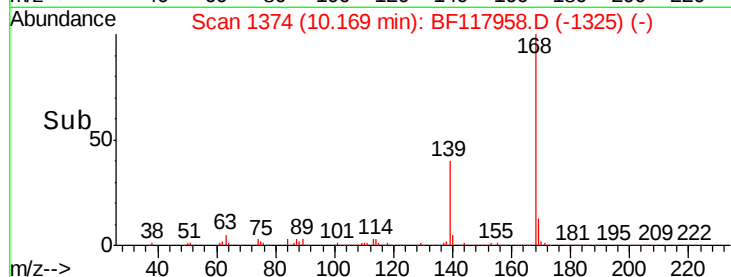
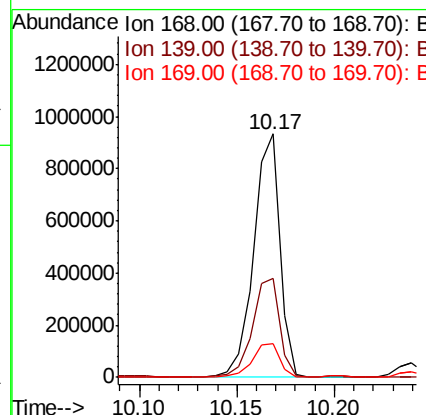
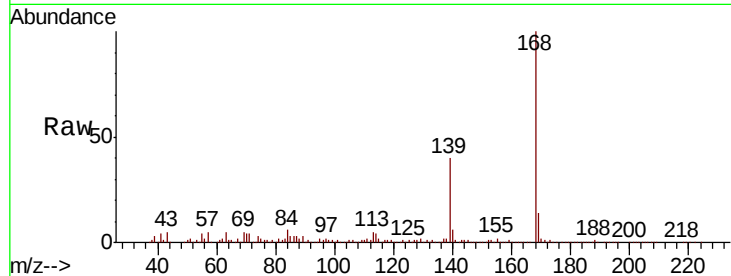




#55
Dibenzofuran
Concen: 43.485 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

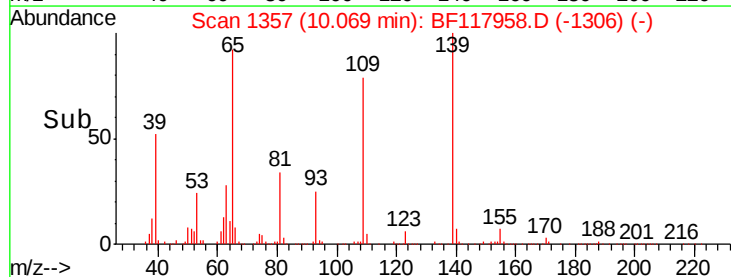
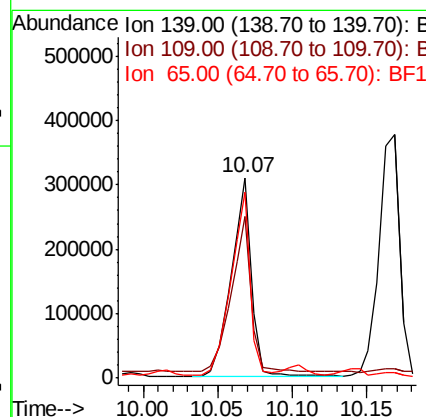
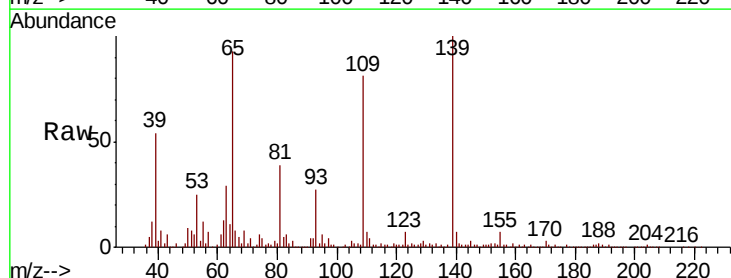
Instrument :
BNA_F
ClientSampleId :

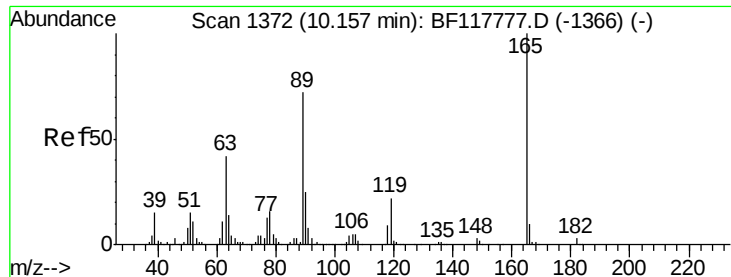
Tot Ion:168 Resp: 864810
Ion Ratio Lower Upper
168 100
139 40.5 33.0 49.6
169 13.7 11.5 17.3



#56
4-Nitrophenol
Concen: 86.100 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion:139 Resp: 296946
Ion Ratio Lower Upper
139 100
109 80.9 50.8 90.8
65 93.2 73.6 113.6

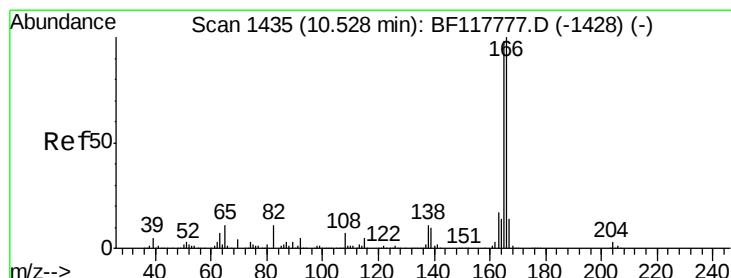
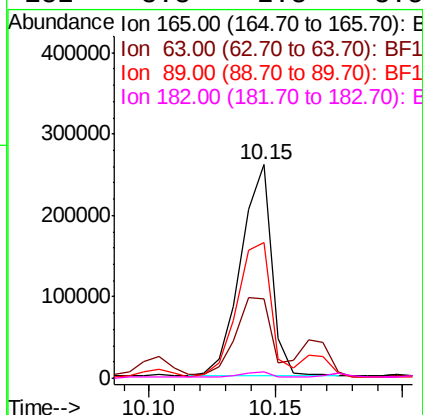
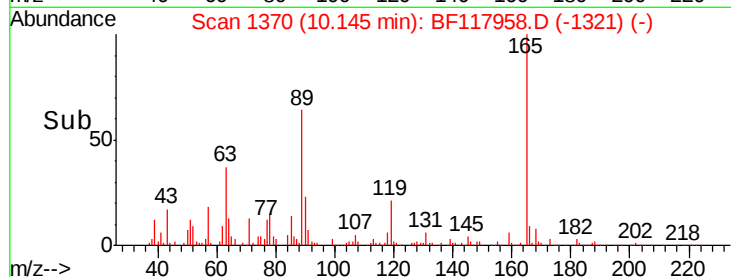
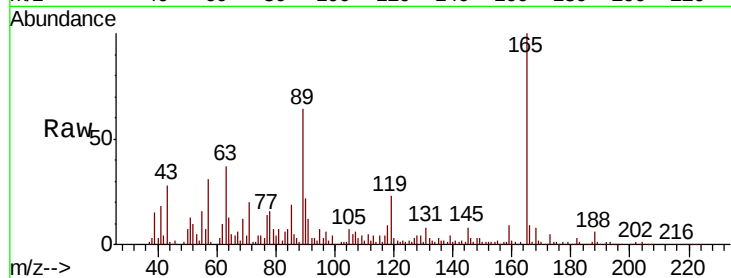




#57
2,4-Dinitrotoluene
Concen: 45.157 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

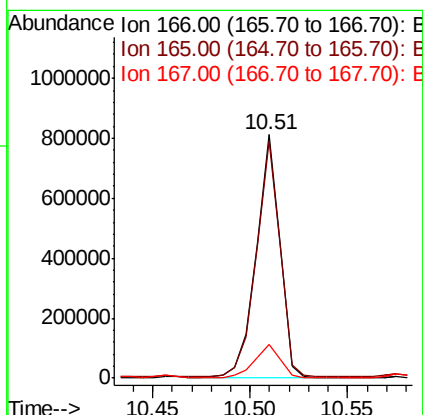
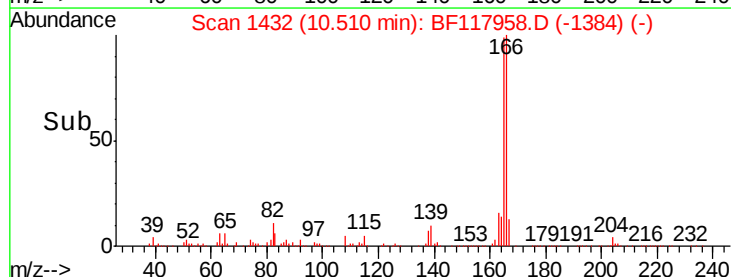
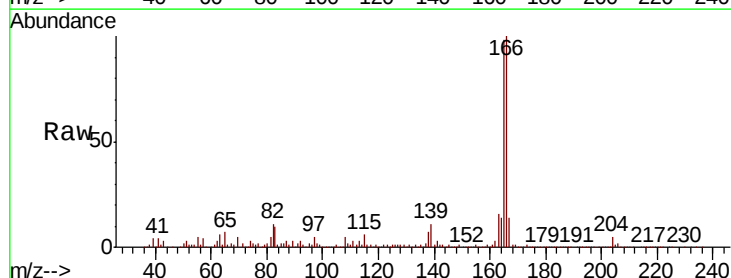
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.4	33.7	50.5
89	63.7	57.3	85.9
182	3.3	2.3	3.5



#58
Fluorene
Concen: 44.206 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.4	117.6
167	13.7	11.0	16.4

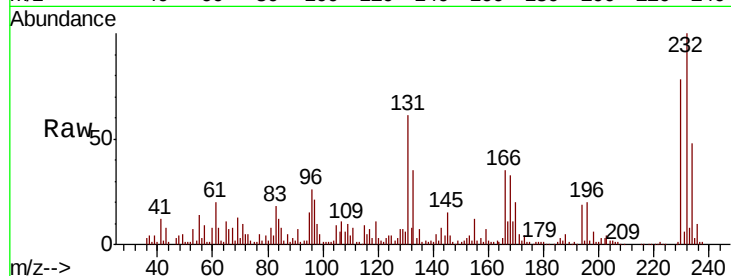




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.082 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	58.8	37.6	56.4
130	6.3	1.9	2.9
166	32.1	24.2	36.4



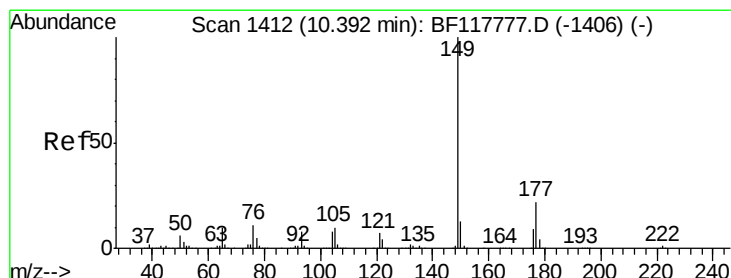
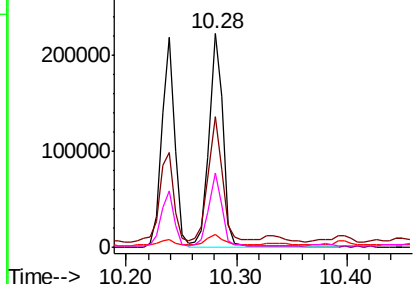
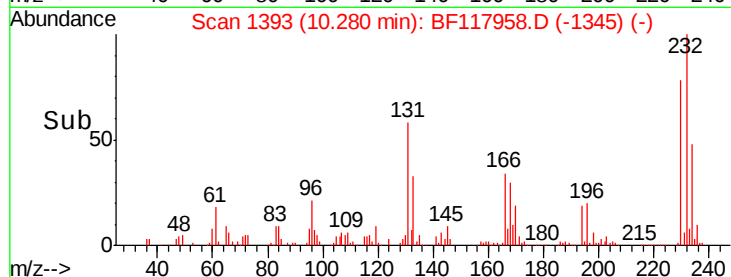
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

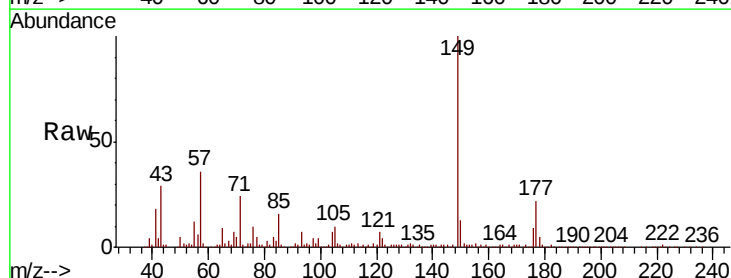
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 41.479 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

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

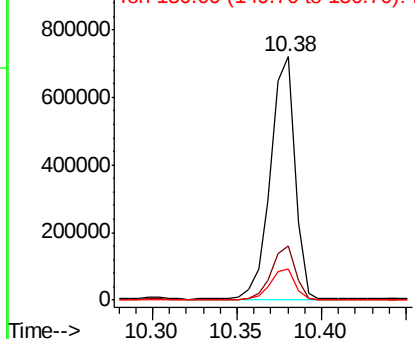
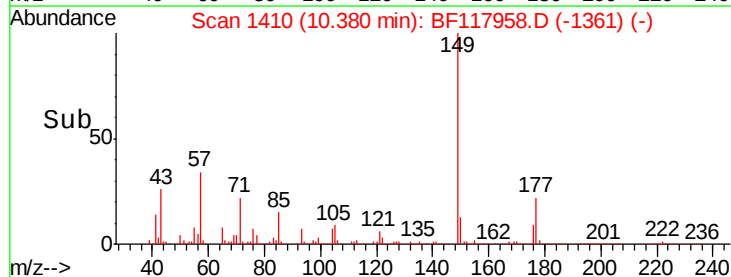


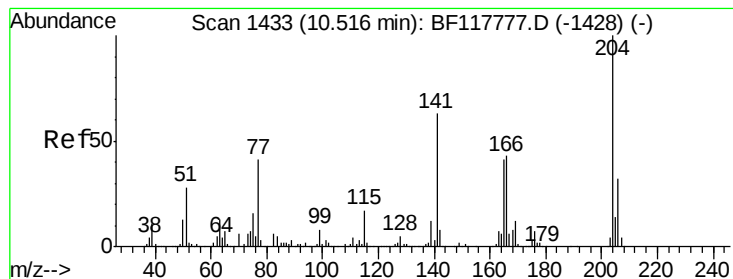
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 42.398 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

ClientSampled :

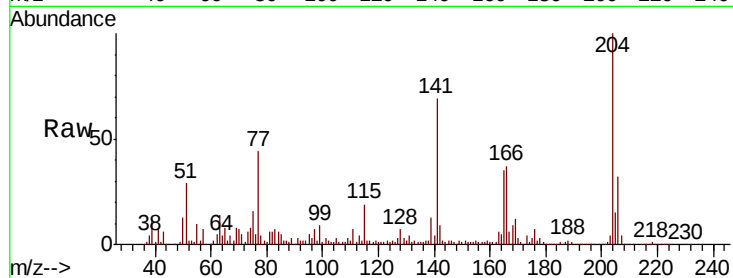
Tot Ion:204 Resp: 331599

Ion Ratio Lower Upper

204 100

206 32.4 25.6 38.4

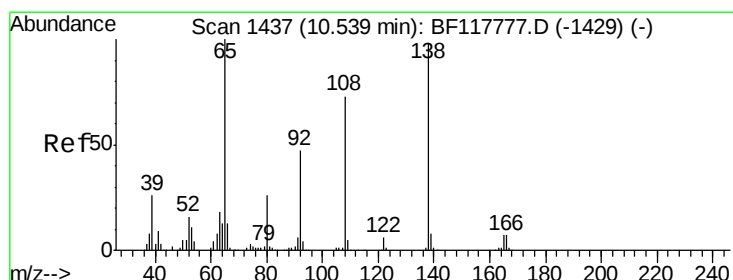
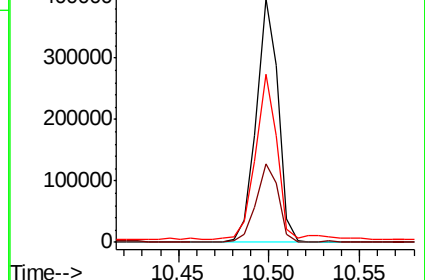
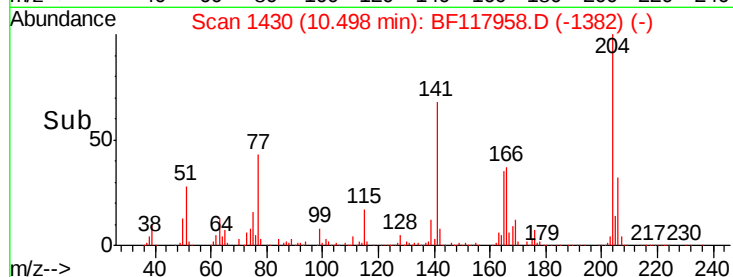
141 69.0 50.7 76.1



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: 38.271 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

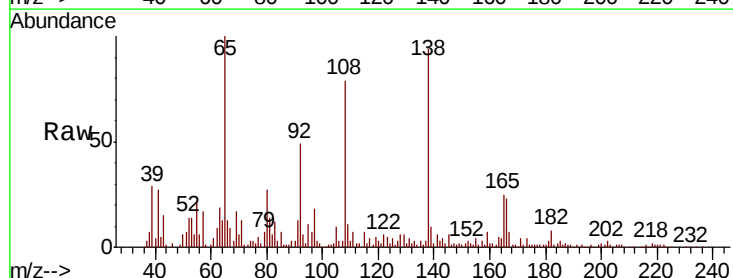
Tgt Ion:138 Resp: 177053

Ion Ratio Lower Upper

138 100

92 52.0 28.3 68.3

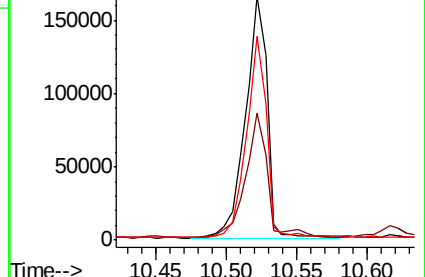
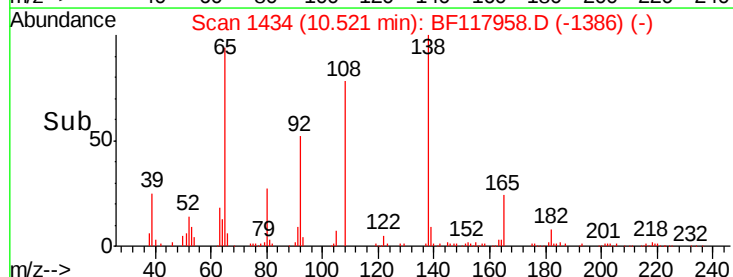
108 83.7 54.3 94.3

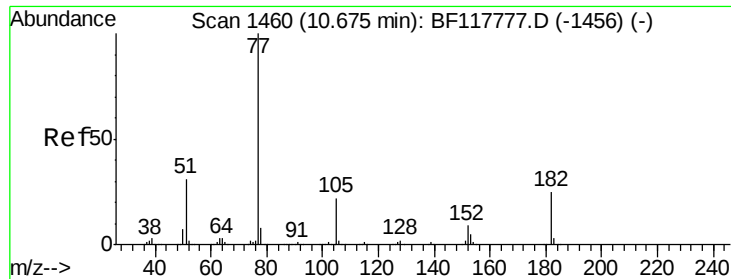


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

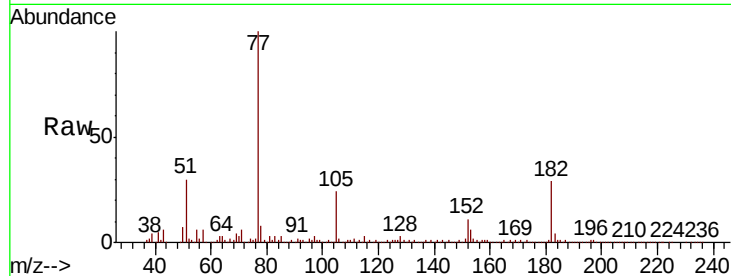




#63
Azobenzene
Concen: 43.144 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:	77	Resp:	676100
Ion	Ratio	Lower	Upper
77	100		
182	29.1	4.8	44.8
105	23.7	2.1	42.1
51	29.5	11.4	51.4



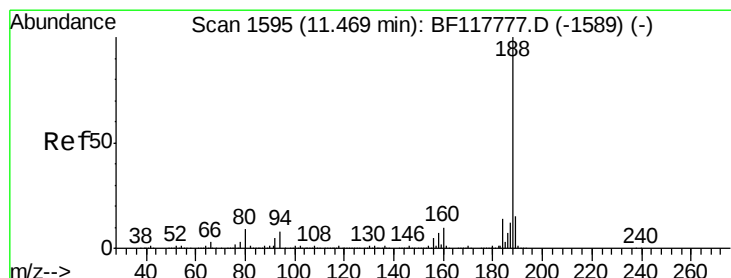
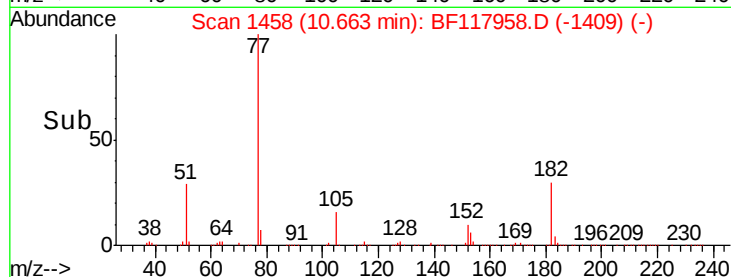
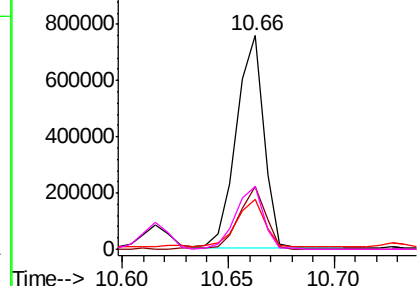
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

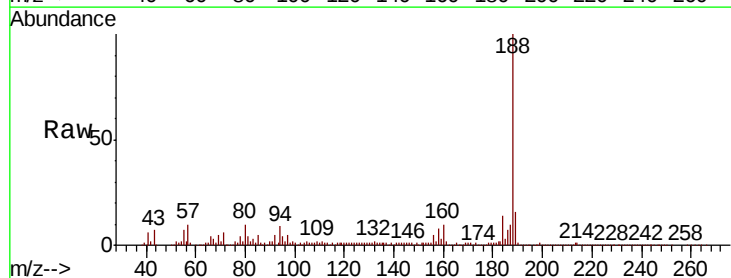
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion:	188	Resp:	550446
Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.6	10.0
80	9.7	7.2	10.8

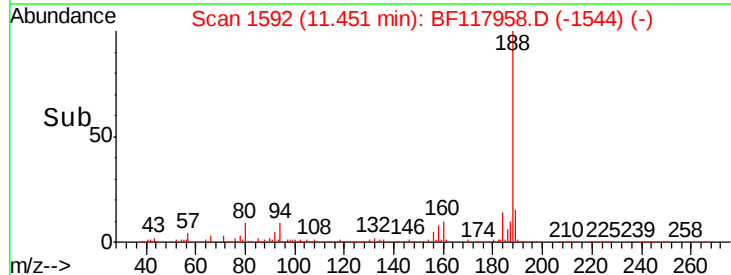
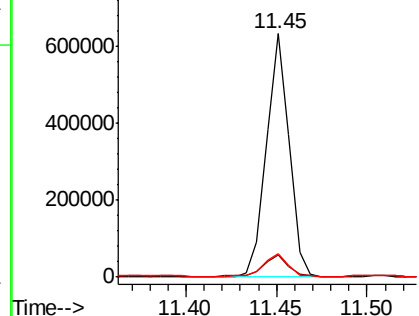


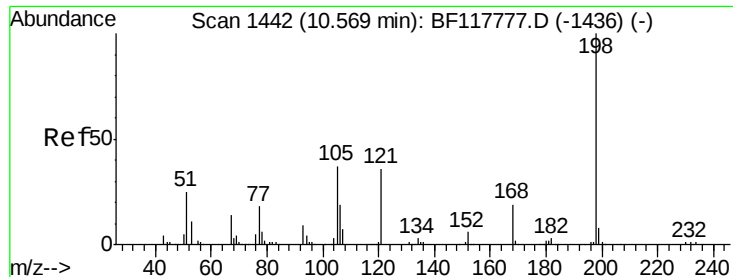
Abundance

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: 47.929 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

ClientSampled :

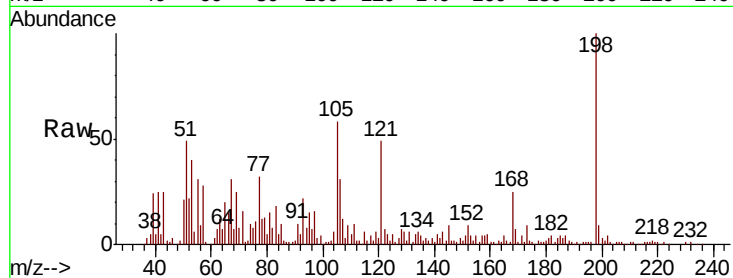
Tot Ion:198 Resp: 123162

Ion Ratio Lower Upper

198 100

51 49.2 16.0 56.0

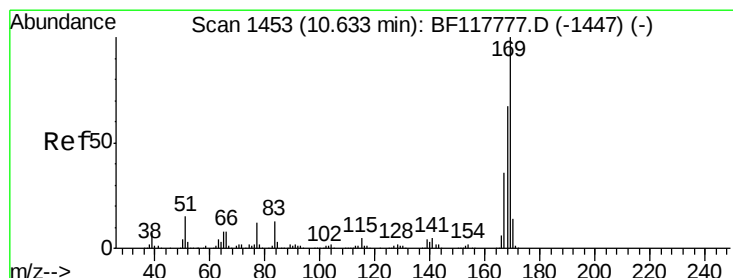
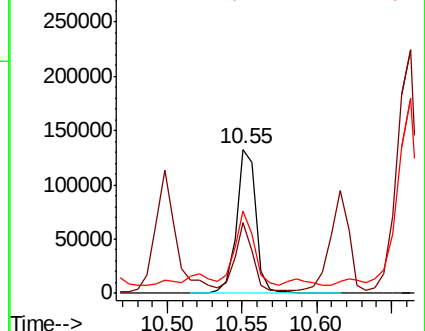
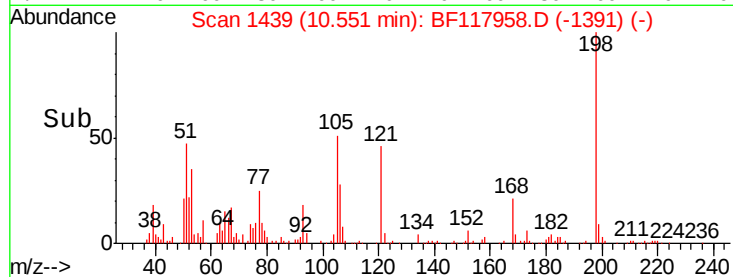
105 57.6 19.1 59.1



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: 38.997 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

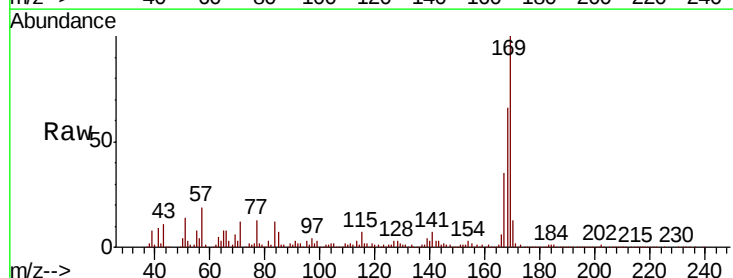
Tgt Ion:169 Resp: 624723

Ion Ratio Lower Upper

169 100

168 66.1 53.5 80.3

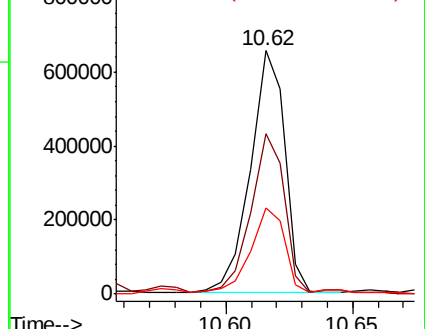
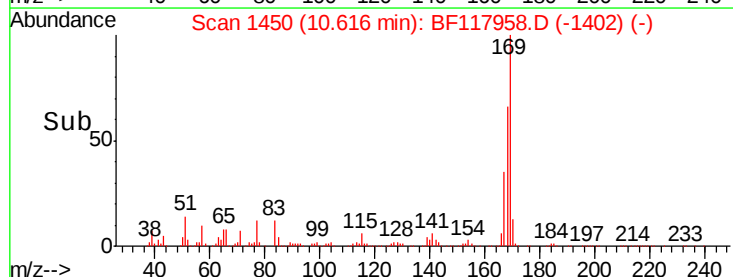
167 35.3 29.0 43.4



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

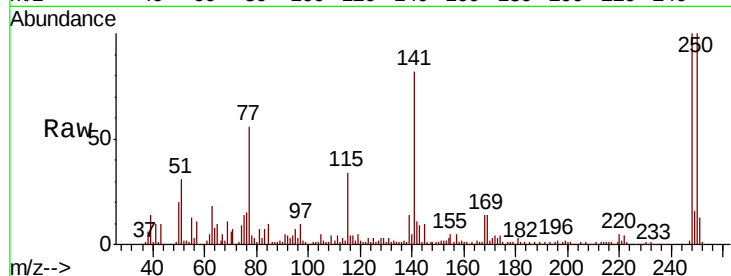




#67
4-Bromophenyl-phenylether
Concen: 39.820 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.8	76.6	115.0
141	82.1	55.9	83.9

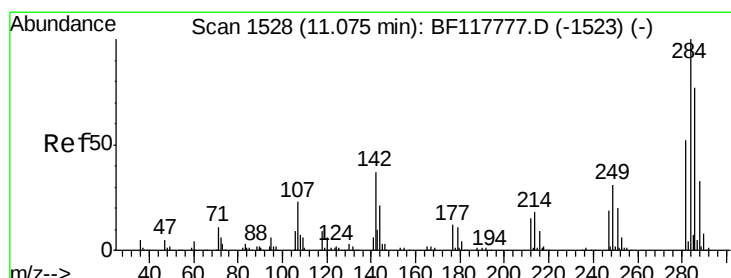
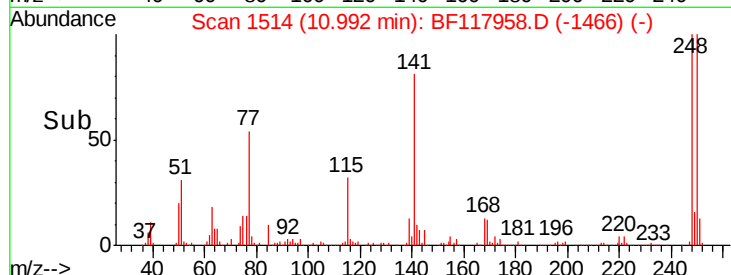
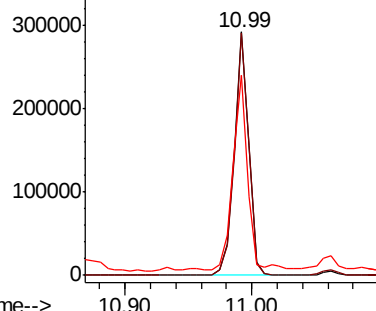


Abundance

Ion 248.00 (247.70 to 248.70): E

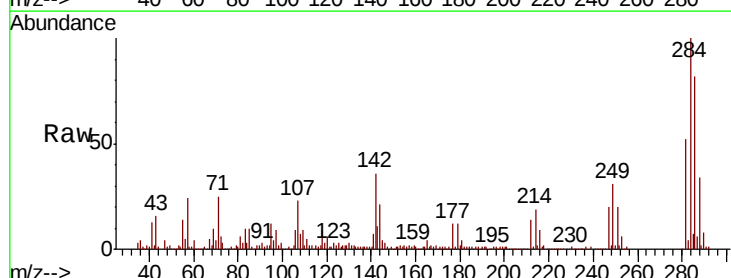
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.883 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.8	29.4	44.2
249	30.6	24.6	37.0

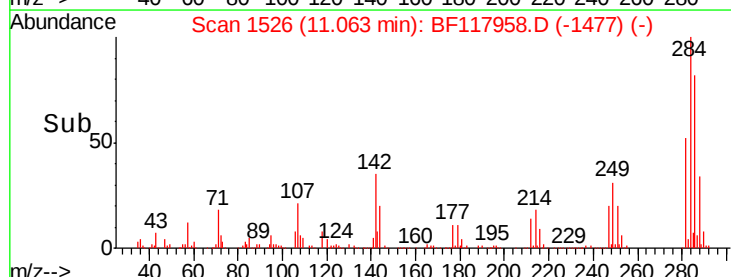
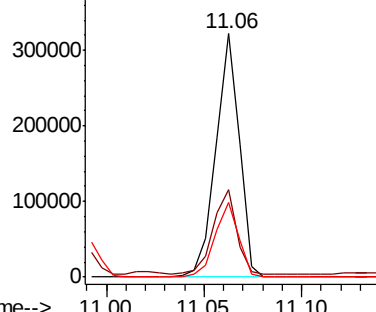


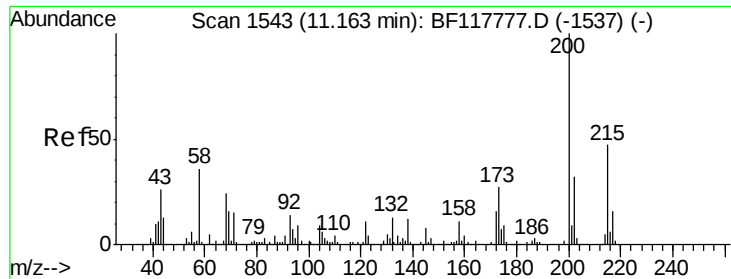
Abundance

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: 48.584 ng

RT: 11.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

ClientSampleId :

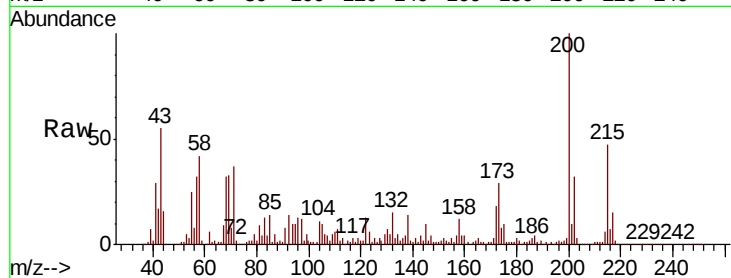
Tot Ion:200 Resp: 256023

Ion Ratio Lower Upper

200 100

173 29.4 6.7 46.7

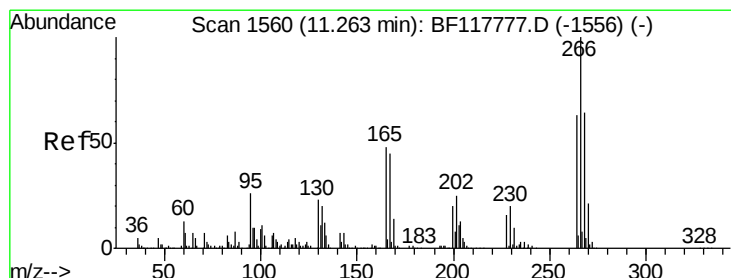
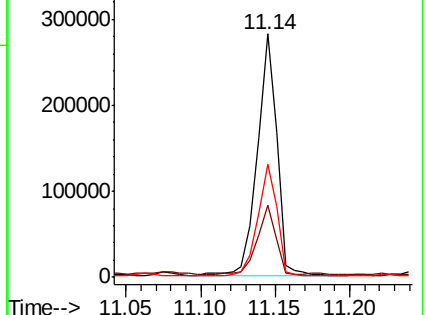
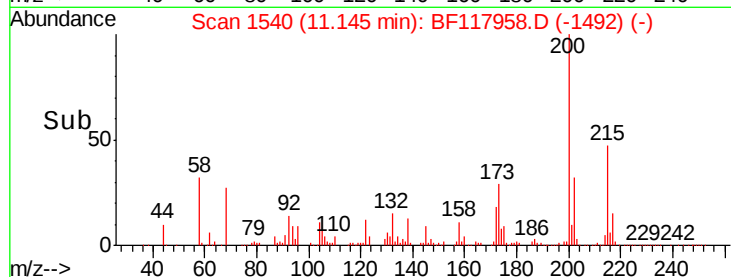
215 46.5 27.5 67.5



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: 81.164 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

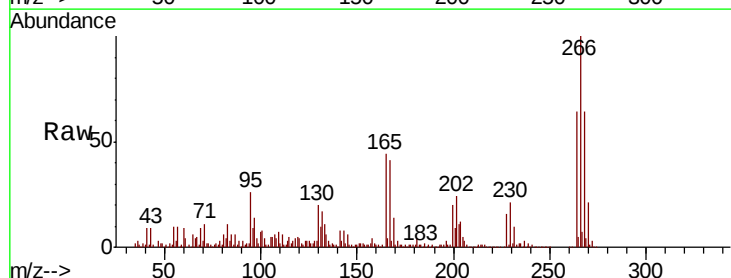
Tgt Ion:266 Resp: 328394

Ion Ratio Lower Upper

266 100

268 63.9 50.8 76.2

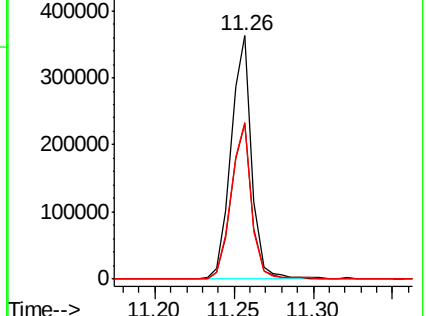
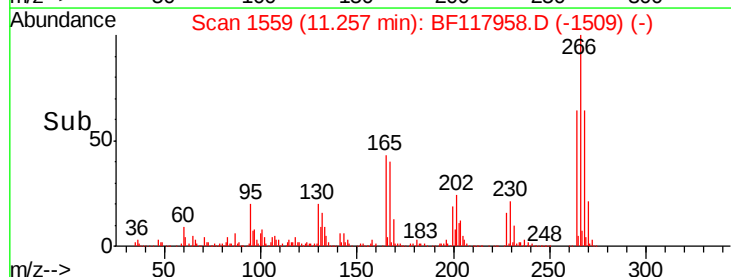
264 64.2 50.7 76.1

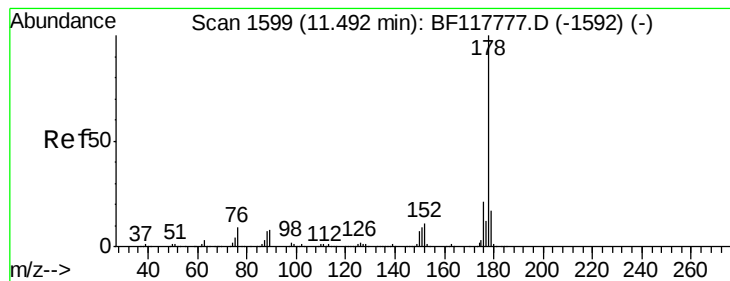


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.395 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

ClientSampleId :

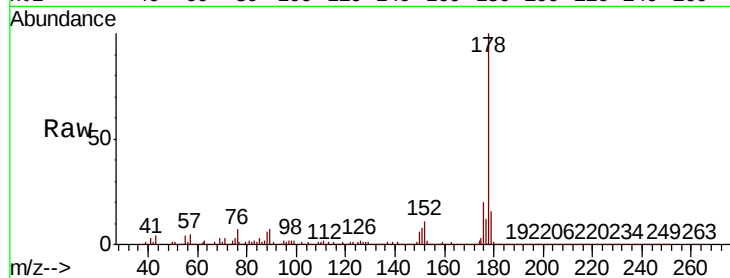
Tot Ion:178 Resp: 1200931

Ion Ratio Lower Upper

178 100

176 19.8 16.6 25.0

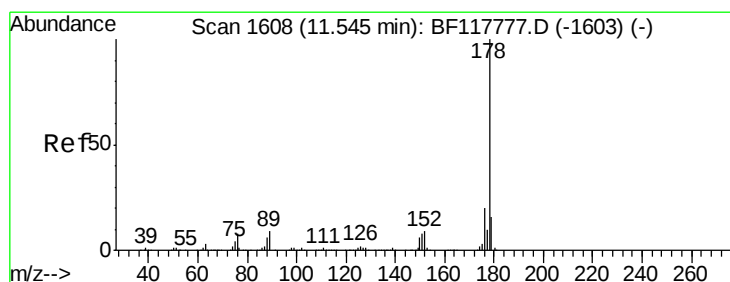
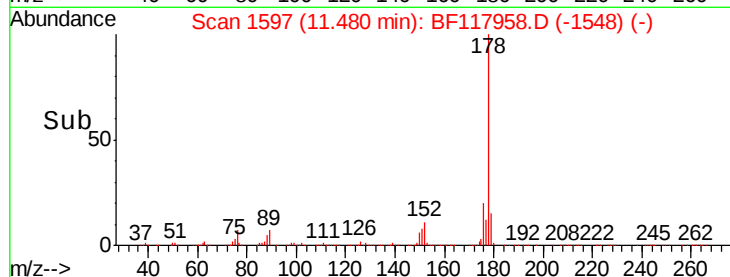
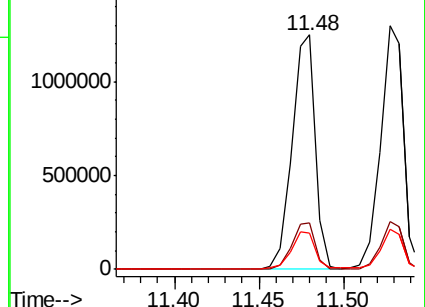
179 15.6 13.2 19.8



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: 44.587 ng

RT: 11.53 min Scan# 1605

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

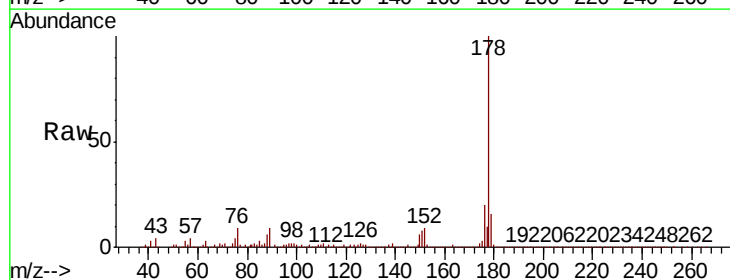
Tgt Ion:178 Resp: 1223410

Ion Ratio Lower Upper

178 100

176 19.5 16.1 24.1

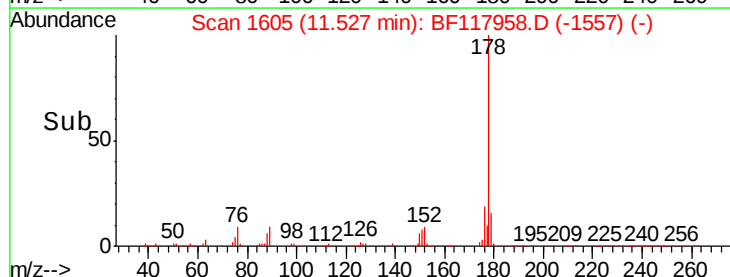
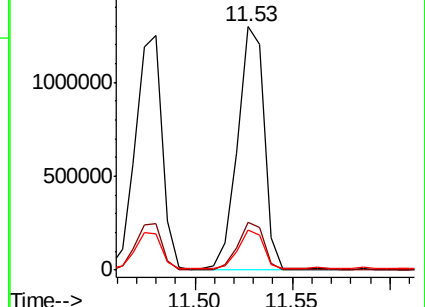
179 16.4 13.0 19.4

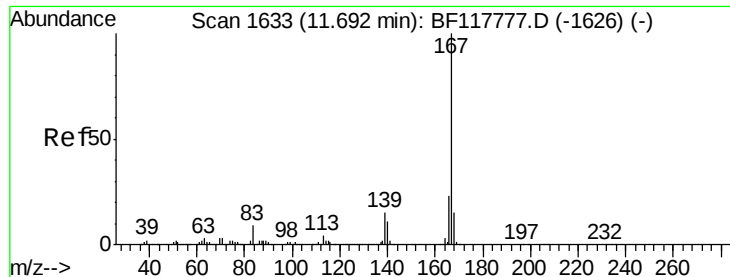


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

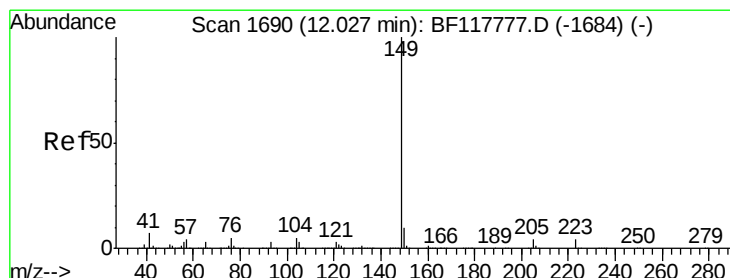
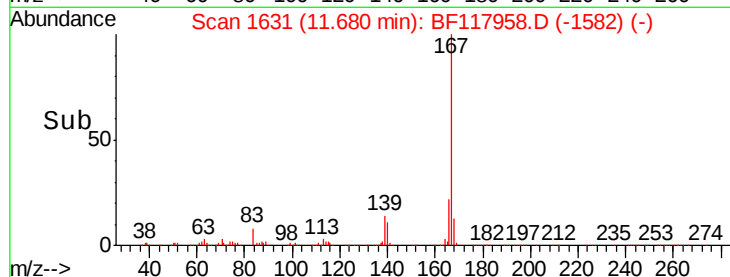
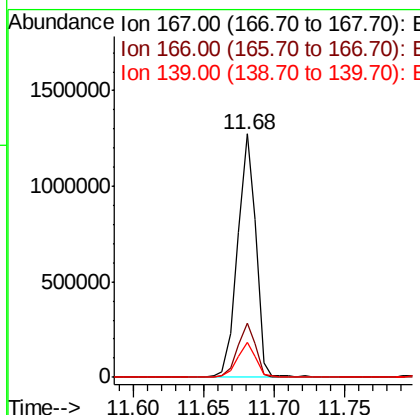
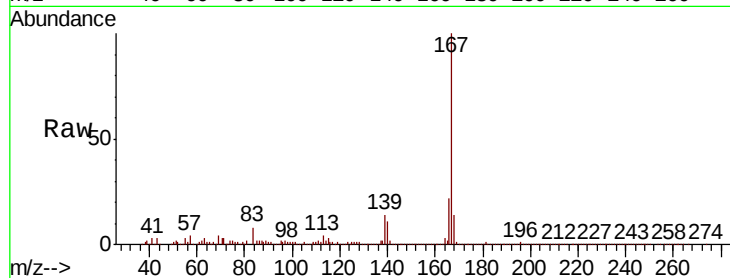




#73
 Carbazole
 Concen: 47.283 ng
 RT: 11.68 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF117958.D
 Acq: 23 Nov 2019 16:00

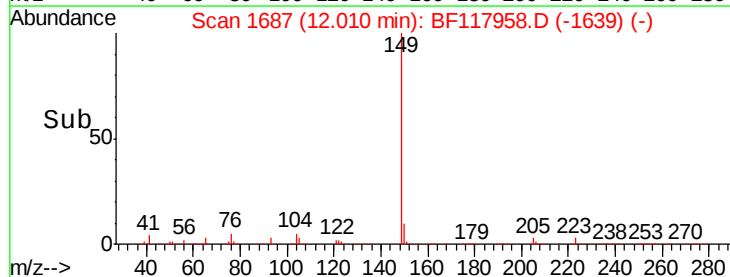
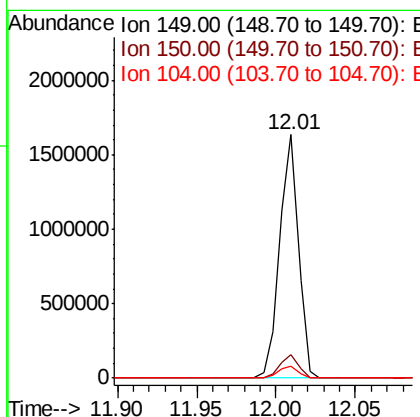
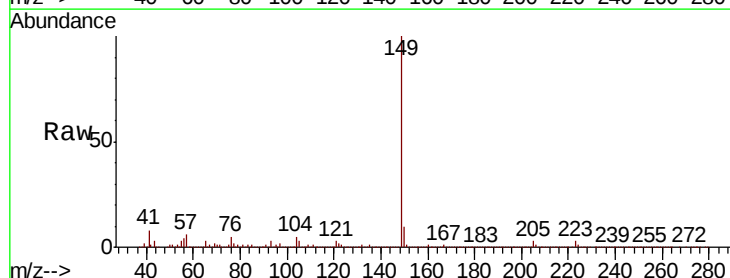
Instrument :
 BNA_F
 ClientSampleId :

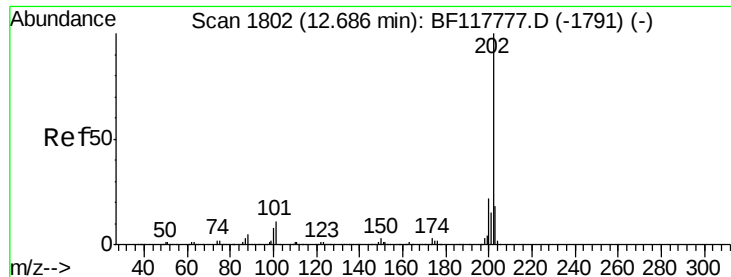
Tot Ion:167 Resp: 1133724
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.0 27.0
 139 14.5 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 44.965 ng
 RT: 12.01 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BF117958.D
 Acq: 23 Nov 2019 16:00

Tgt Ion:149 Resp: 1342392
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.9 11.9
 104 5.1 4.2 6.4





#75

Fluoranthene

Concen: 51.552 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

ClientSampleId :

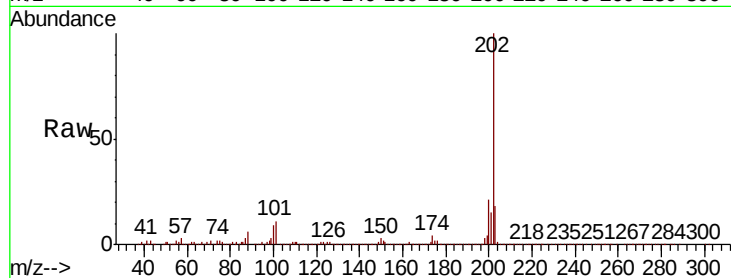
Tot Ion:202 Resp: 1271570

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.1

203 18.2 0.0 38.2

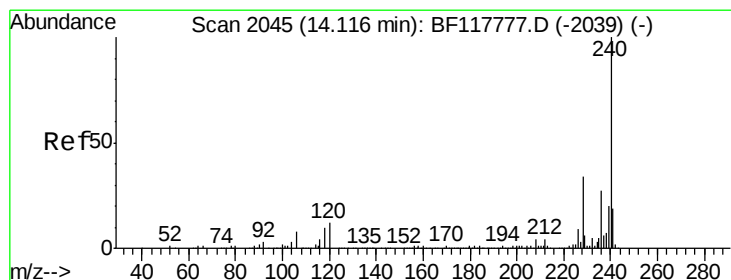
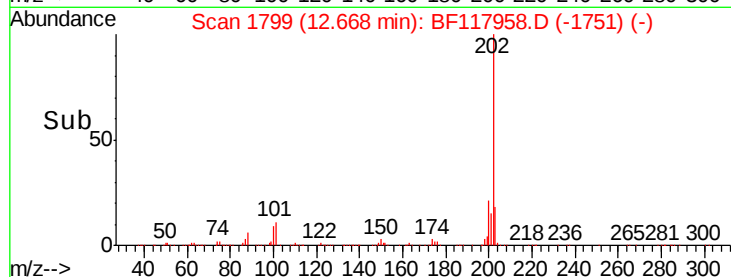
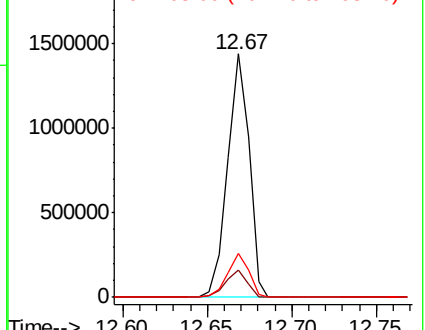


Abundance

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: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

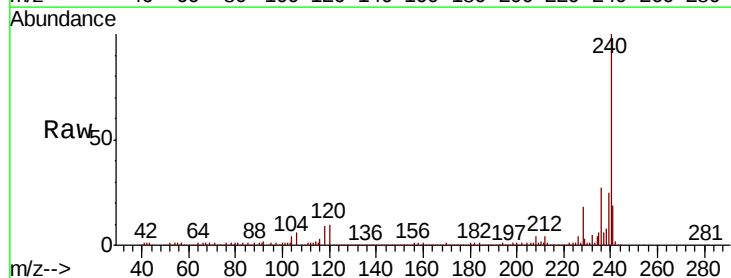
Tgt Ion:240 Resp: 466967

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

236 26.7 21.3 31.9

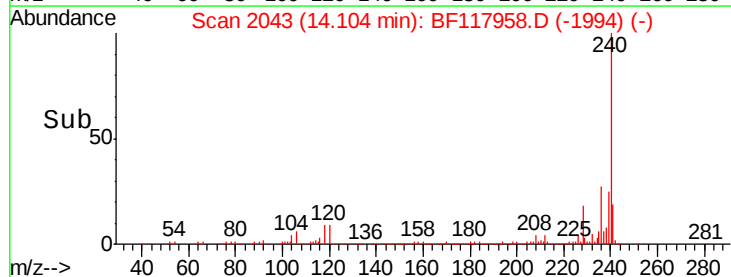
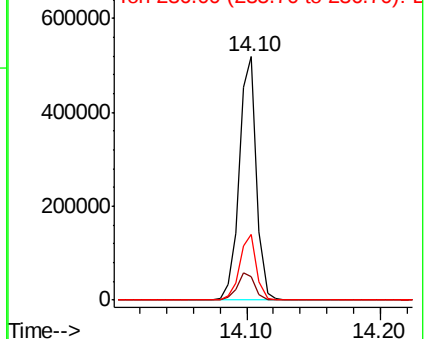


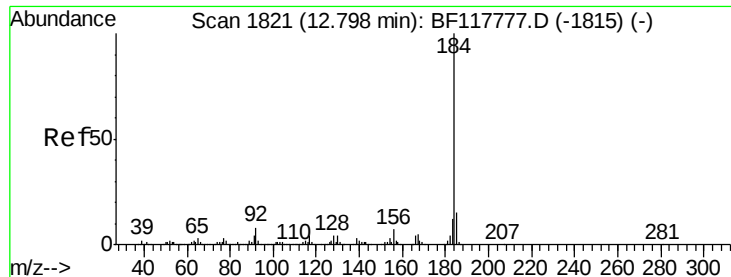
Abundance

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: 27.376 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

ClientSampleId :

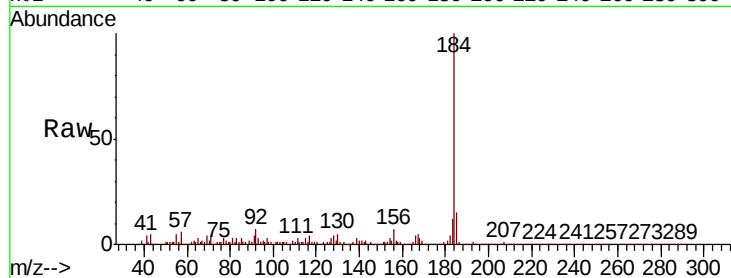
Tot Ion:184 Resp: 418746

Ion Ratio Lower Upper

184 100

185 14.6 12.2 18.4

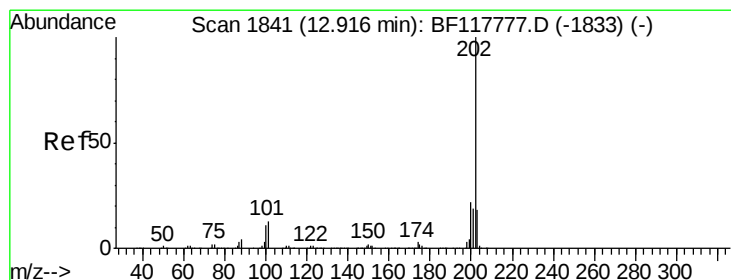
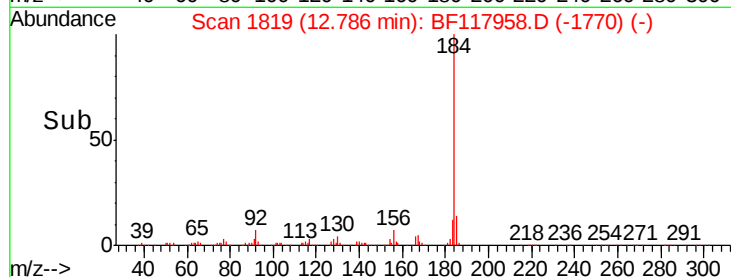
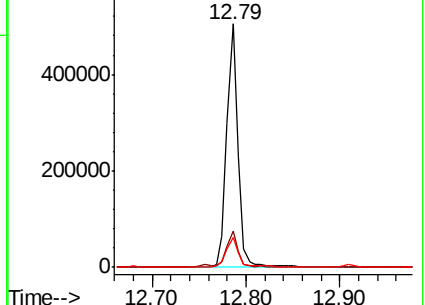
183 12.4 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 34.810 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

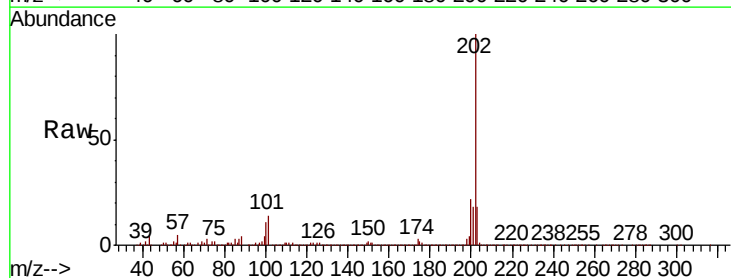
Tgt Ion:202 Resp: 1313653

Ion Ratio Lower Upper

202 100

200 21.7 17.8 26.8

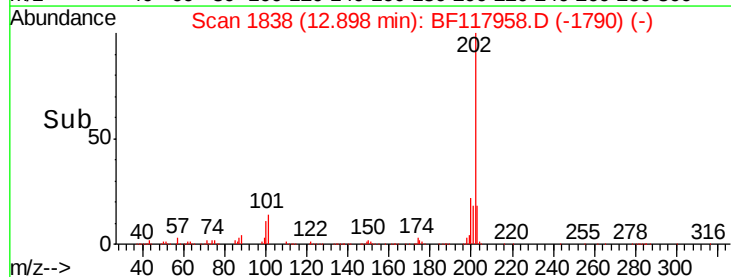
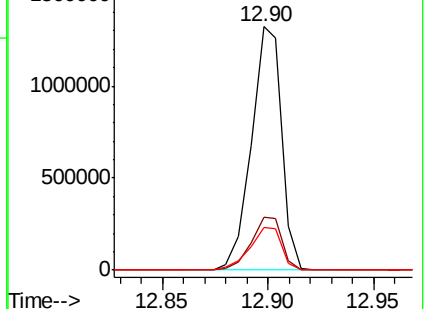
203 17.7 14.6 22.0

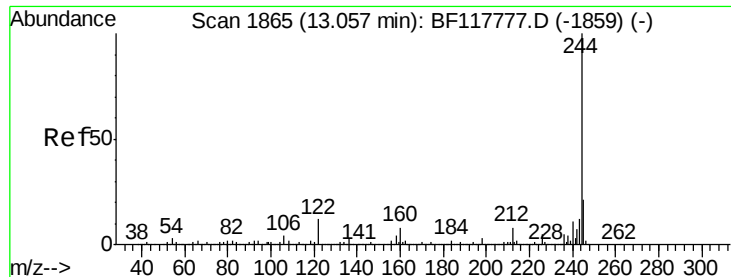


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 55.653 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

ClientSampleId :

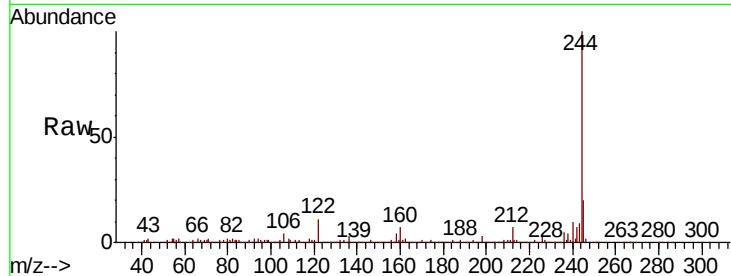
Tot Ion:244 Resp: 1421974

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

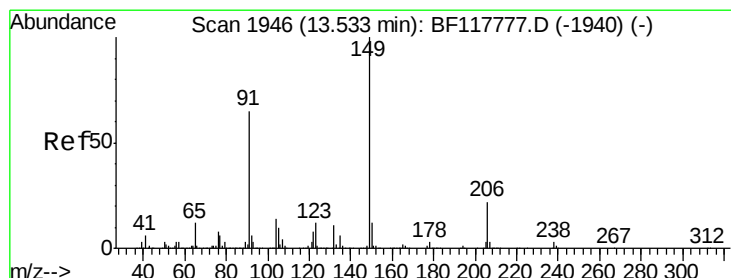
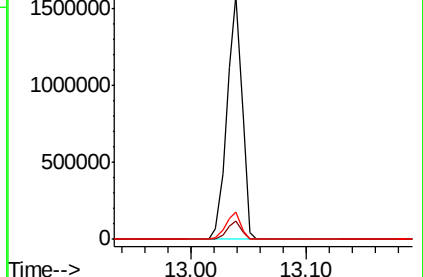
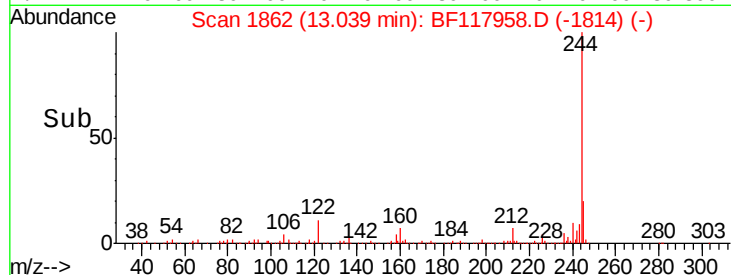
122 11.0 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.644 ng

RT: 13.52 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

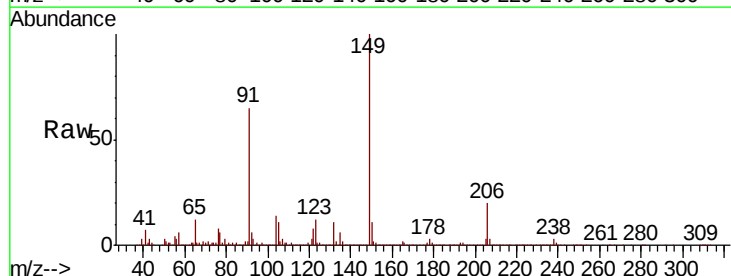
Tgt Ion:149 Resp: 610157

Ion Ratio Lower Upper

149 100

91 64.9 51.9 77.9

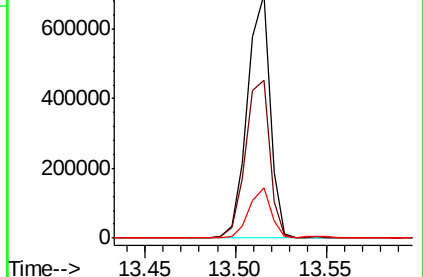
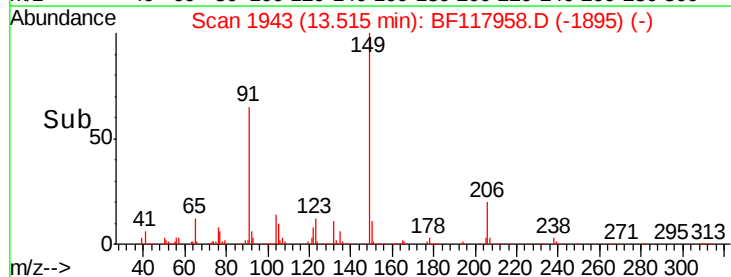
206 20.5 17.2 25.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.849 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

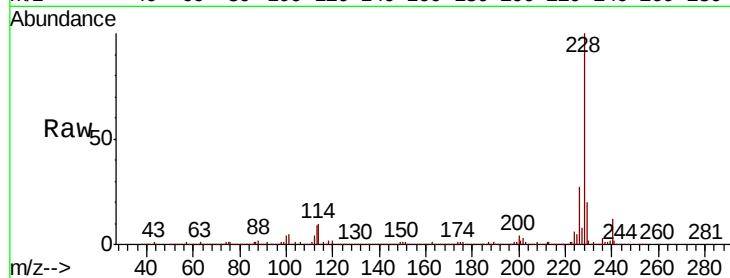
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1260523

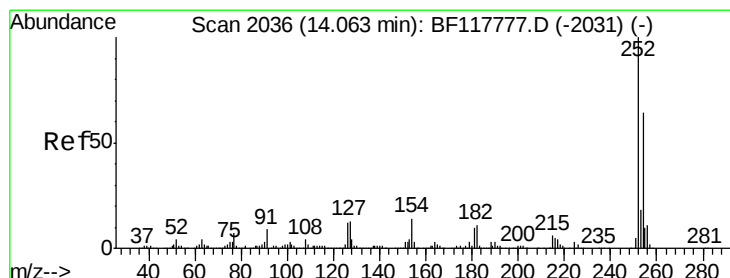
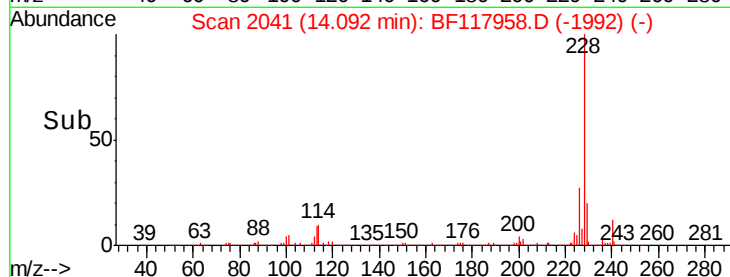
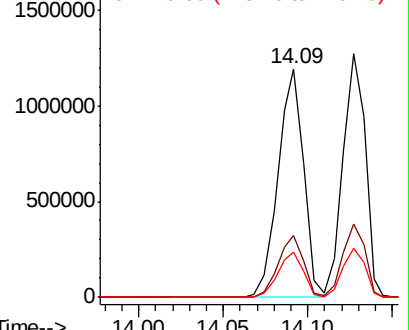
Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.2	33.2
229	20.0	15.9	23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 17.751 ng

RT: 14.05 min Scan# 2034

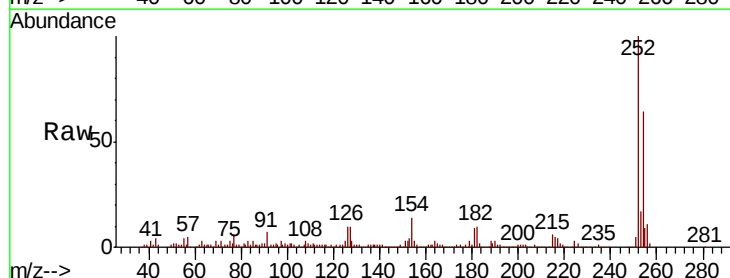
Delta R.T. -0.01 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Tgt Ion:252 Resp: 191606

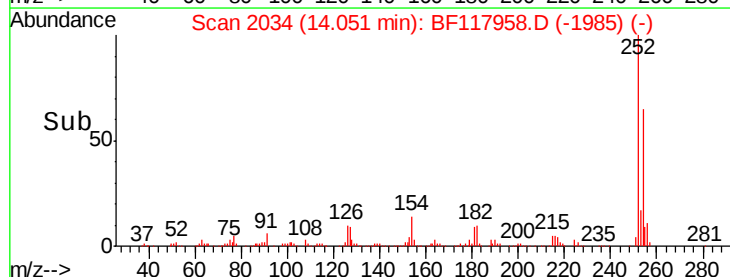
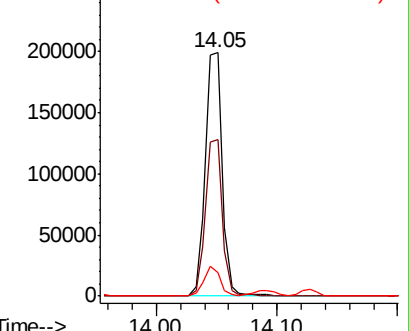
Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.0	76.6
126	9.9	9.7	14.5

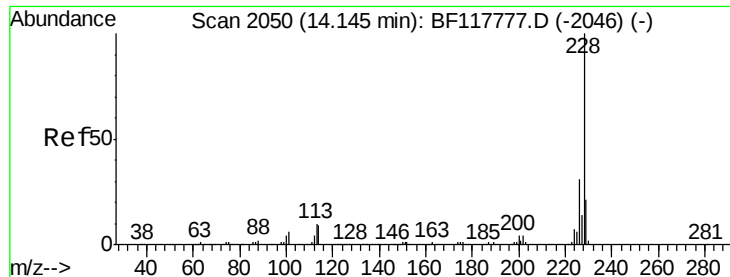


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 38.859 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

ClientSampleId :

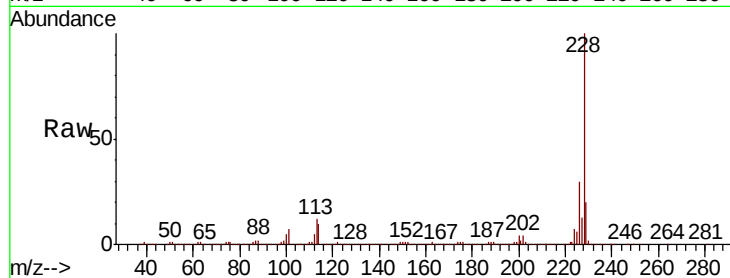
Tot Ion:228 Resp: 1161924

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.4
229	20.2	16.6	25.0

228 100

226 30.4 25.0 37.4

229 20.2 16.6 25.0

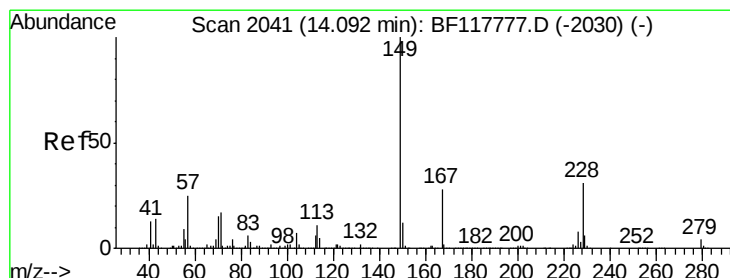
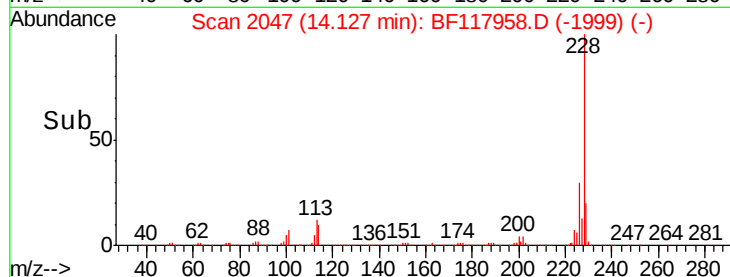
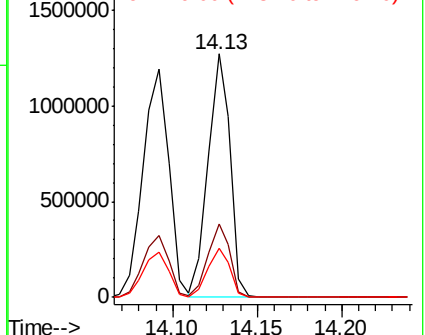


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.662 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

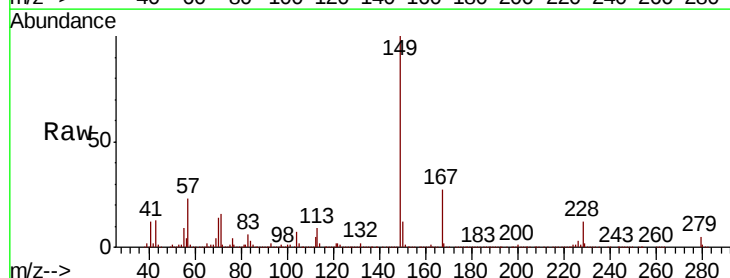
Tgt Ion:149 Resp: 838339

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.2	33.2
279	4.6	3.4	5.2

149 100

167 27.4 22.2 33.2

279 4.6 3.4 5.2

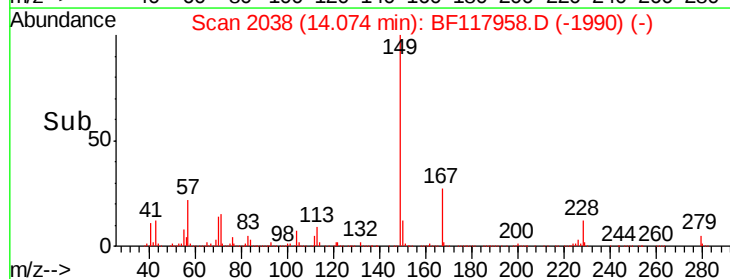
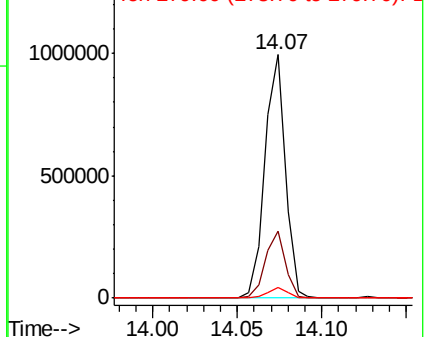


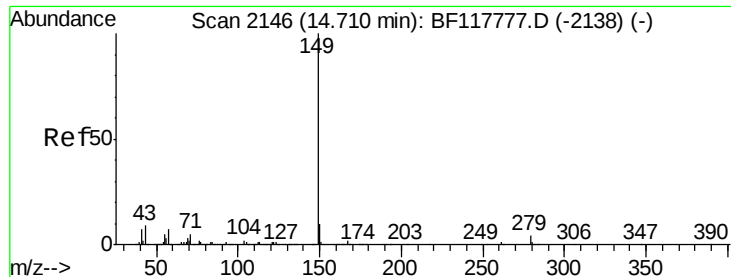
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

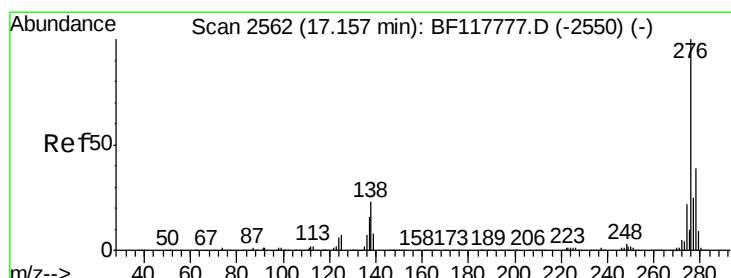
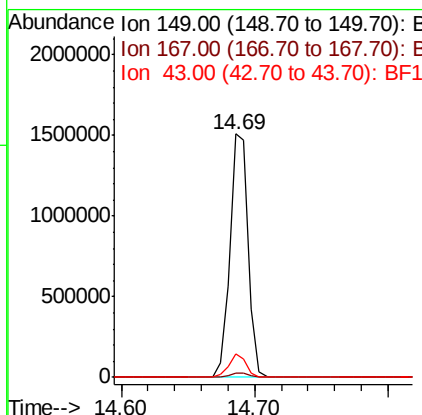
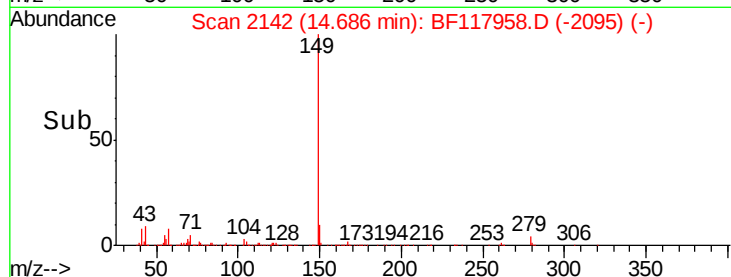
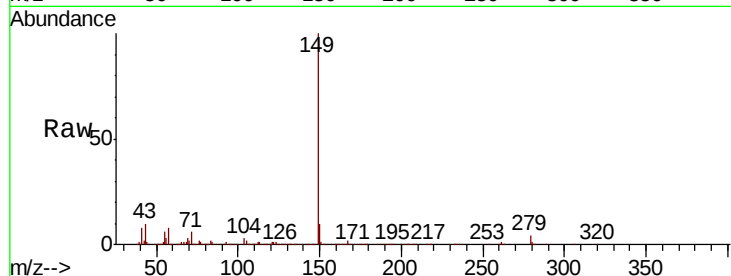




#85
Di-n-octyl phthalate
Concen: 50.327 ng
RT: 14.69 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

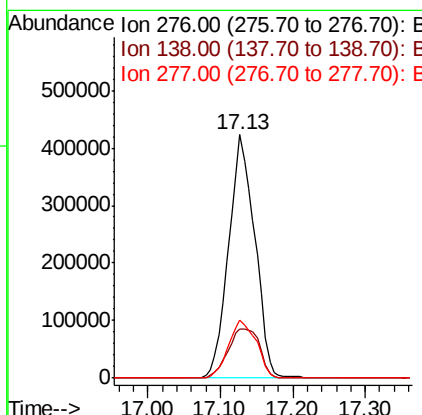
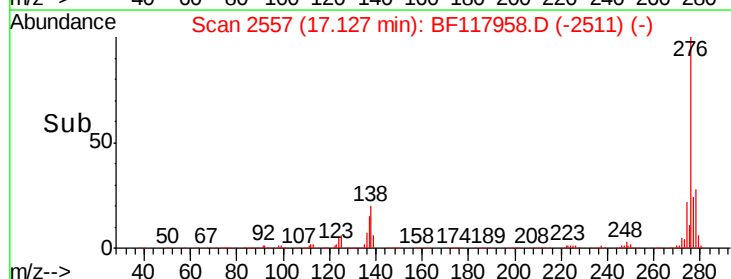
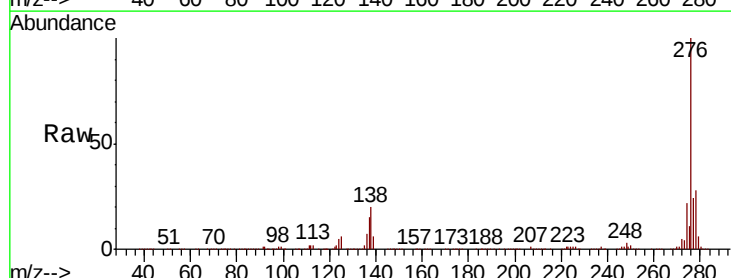
Instrument :
BNA_F
ClientSampleId :

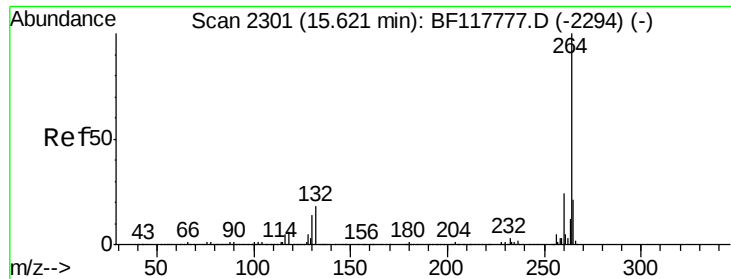
Tot Ion:149 Resp: 1452847
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.8 7.4 11.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.783 ng
RT: 17.13 min Scan# 2557
Delta R.T. -0.03 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion:276 Resp: 1063322
Ion Ratio Lower Upper
276 100
138 24.6 20.9 31.3
277 25.4 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.60 min Scan# 2298

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

ClientSampleId :

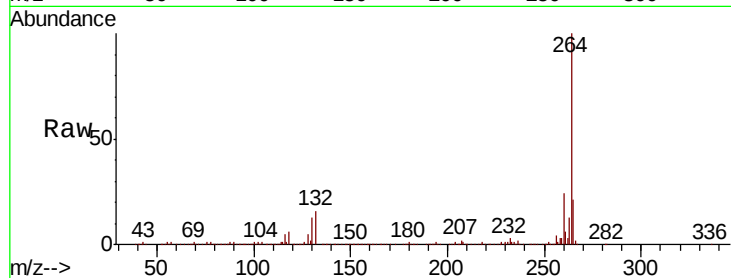
Tot Ion:264 Resp: 478105

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

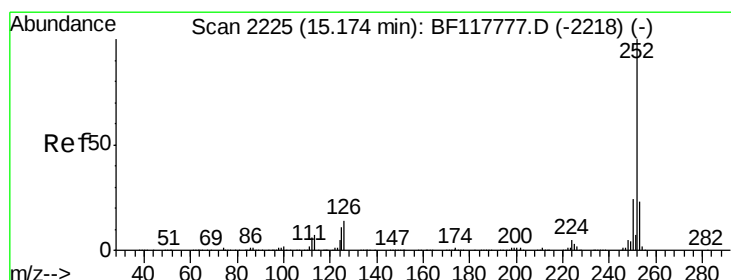
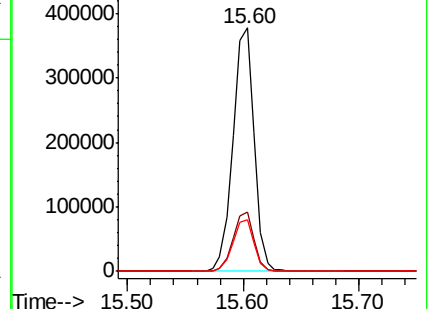
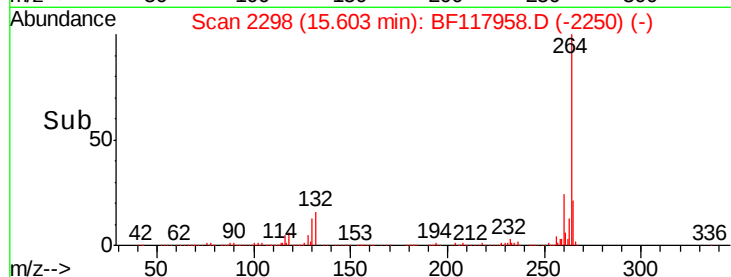
265 21.0 17.1 25.7



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: 39.097 ng

RT: 15.16 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

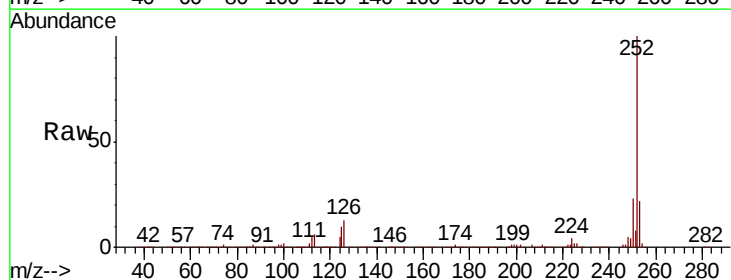
Tgt Ion:252 Resp: 1214453

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

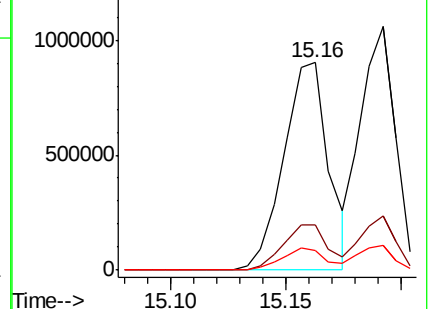
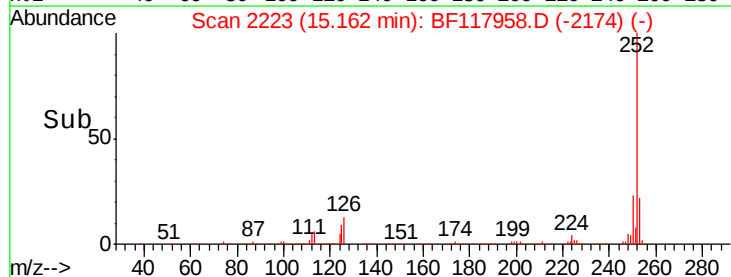
125 9.5 8.6 13.0

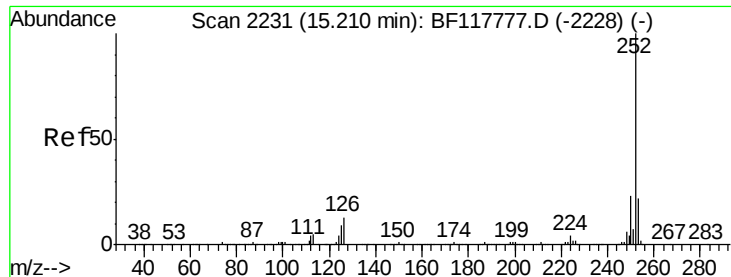


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 37.780 ng

RT: 15.19 min Scan# 2228

Delta R.T. -0.02 min

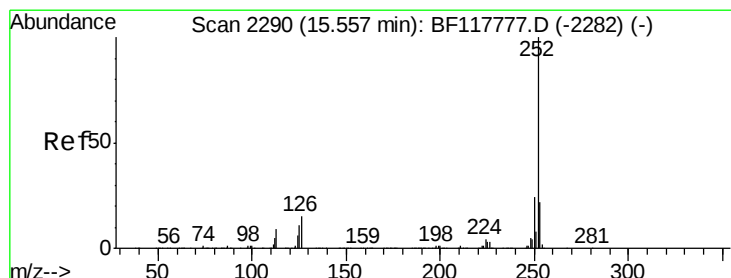
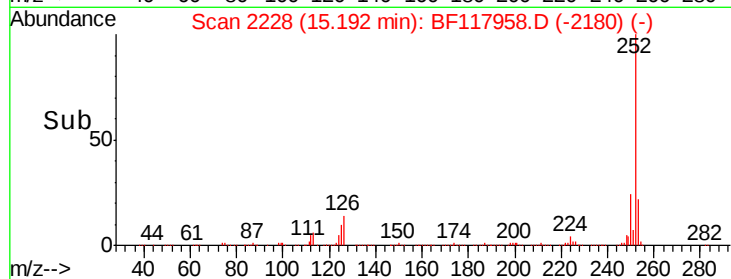
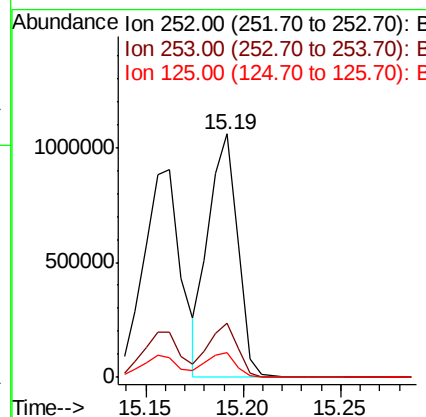
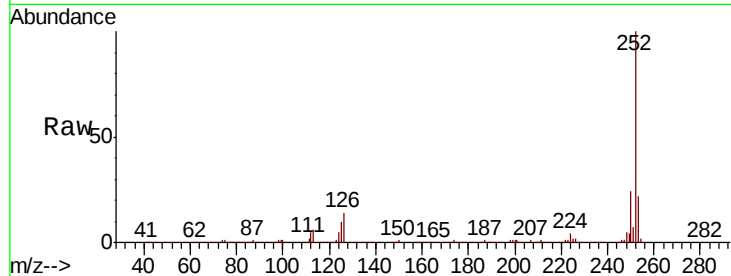
Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1105759

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	10.2	7.9	11.9



#90

Benzo(a)pyrene

Concen: 40.415 ng

RT: 15.54 min Scan# 2287

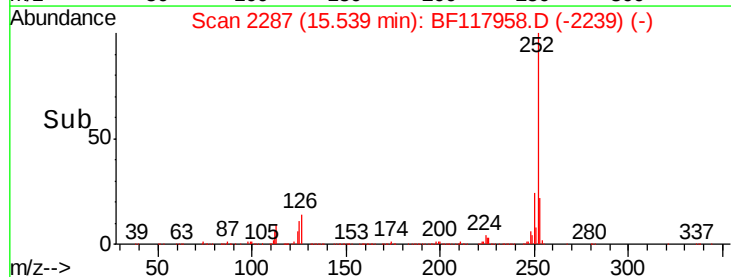
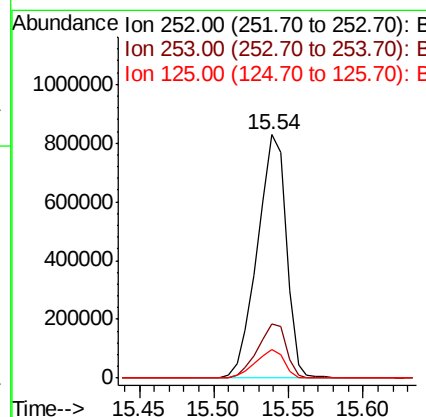
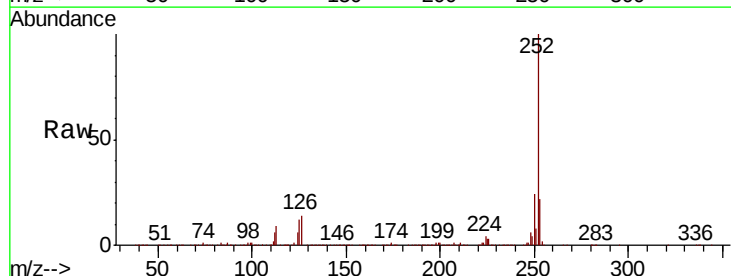
Delta R.T. -0.02 min

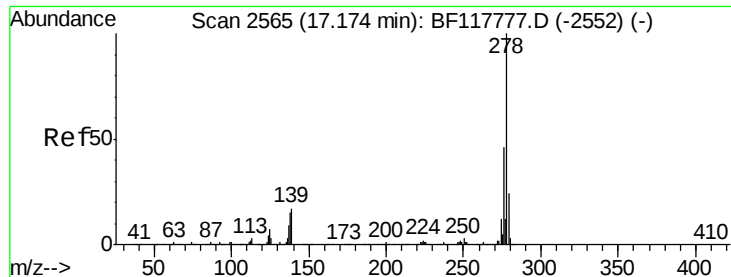
Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Tgt Ion:252 Resp: 1103935

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	11.6	9.2	13.8

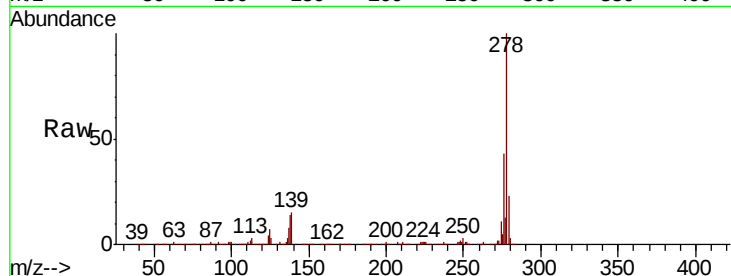




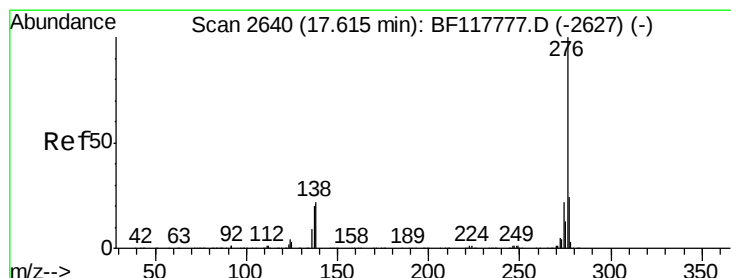
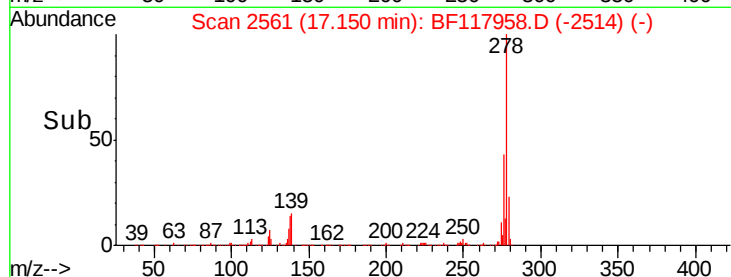
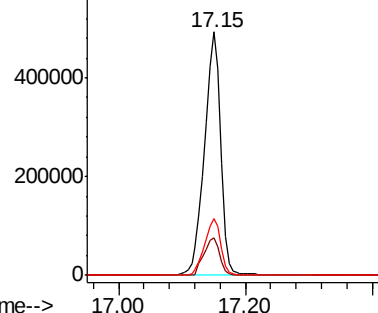
#91
Dibenzo(a,h)anthracene
Concen: 36.618 ng
RT: 17.15 min Scan# 2561
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.8	20.8
279	23.2	19.6	29.4

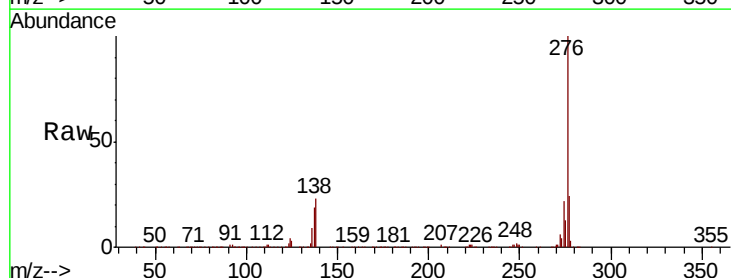


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.807 ng
RT: 17.59 min Scan# 2636
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	22.8	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

