

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
 Data File : BF117877.D
 Acq On : 20 Nov 2019 2:32
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 03:42:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	197933	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	717817	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	368962	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	608245	20.00	ng	-0.01
76) Chrysene-d12	14.11	240	489214	20.00	ng	0.00
87) Perylene-d12	15.62	264	401208	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	875032	78.25	ng	-0.01
7) Phenol-d6	6.54	99	1089126	80.75	ng	0.00
23) Nitrobenzene-d5	7.49	82	1023838	84.79	ng	0.00
42) 2,4,6-Tribromophenol	10.76	330	283874	72.67	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	2000100	97.25	ng	0.00
79) Terphenyl-d14	13.05	244	1868167	69.79	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.68	88	184995	35.393	ng	99
3) Pyridine	3.45	79	503129	36.695	ng	99
4) n-Nitrosodimethylamine	3.41	42	236795	39.564	ng	95
6) Aniline	6.58	93	694936	38.991	ng	100
8) 2-Chlorophenol	6.70	128	489464	40.340	ng	98
9) Benzaldehyde	6.46	77	343245	39.084	ng	98
10) Phenol	6.56	94	616348	43.977	ng	98
11) bis(2-Chloroethyl)ether	6.65	93	432153	38.397	ng	100
12) 1,3-Dichlorobenzene	6.86	146	586787	41.078	ng	96
13) 1,4-Dichlorobenzene	6.93	146	589498	40.827	ng	98
14) 1,2-Dichlorobenzene	7.09	146	553190	40.059	ng	99
15) Benzyl Alcohol	7.06	79	420090	40.343	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	622016	35.896	ng	99
17) 2-Methylphenol	7.16	107	399703	38.900	ng	98
18) Hexachloroethane	7.43	117	178199	33.596	ng	94
19) n-Nitroso-di-n-propylamine	7.33	70	324099	38.951	ng	97
20) 3+4-Methylphenols	7.32	107	502141	39.368	ng	98
22) Acetophenone	7.33	105	684299	42.431	ng	100
24) Nitrobenzene	7.50	77	519233	41.682	ng	99
25) Isophorone	7.74	82	849678	38.392	ng	97
26) 2-Nitrophenol	7.82	139	222691	36.728	ng	91
27) 2,4-Dimethylphenol	7.85	122	355003	37.680	ng	98
28) bis(2-Chloroethoxy)methane	7.95	93	553261	39.394	ng	99
29) 2,4-Dichlorophenol	8.06	162	398246	38.969	ng	98
30) 1,2,4-Trichlorobenzene	8.15	180	469657	39.620	ng	100
31) Naphthalene	8.23	128	1385669	41.408	ng	100
32) Benzoic acid	7.97	122	35045	4.442	ng	97
33) 4-Chloroaniline	8.27	127	585560	39.086	ng	98
34) Hexachlorobutadiene	8.35	225	282231	40.722	ng	99
35) Caprolactam	8.65	113	113701	35.007	ng	90
36) 4-Chloro-3-methylphenol	8.75	107	441956	42.612	ng	99
37) 2-Methylnaphthalene	8.92	142	998925	44.180	ng	99
38) 1-Methylnaphthalene	9.02	142	928248	43.425	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	462184	43.134	ng	99

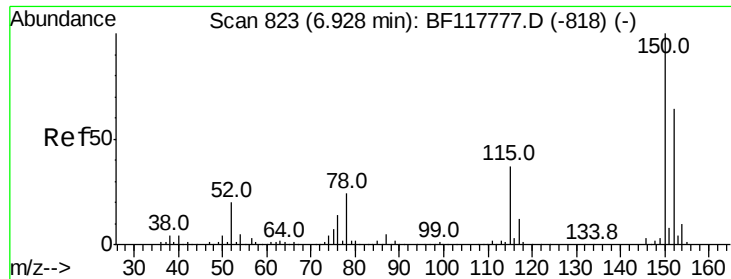
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	48407	8.062	ng	98
43) 2,4,6-Trichlorophenol	9.20	196	307848	40.112	ng	98
44) 2,4,5-Trichlorophenol	9.23	196	303177	38.047	ng	99
46) 1,1'-Biphenyl	9.39	154	1210181	44.210	ng	99
47) 2-Chloronaphthalene	9.41	162	950704	42.218	ng	97
48) 2-Nitroaniline	9.50	65	298074	43.844	ng	98
49) Acenaphthylene	9.83	152	1363269	41.523	ng	99
50) Dimethylphthalate	9.69	163	1104011	42.670	ng	98
51) 2,6-Dinitrotoluene	9.75	165	217343	38.436	ng	95
52) Acenaphthene	10.00	154	796237	37.859	ng	100
53) 3-Nitroaniline	9.92	138	286602	42.358	ng	98
54) 2,4-Dinitrophenol	10.02	184	11030	10.678	ng	# 1
55) Dibenzofuran	10.17	168	1161481	39.881	ng	98
56) 4-Nitrophenol	10.06	139	171314	33.920	ng	98
57) 2,4-Dinitrotoluene	10.15	165	257938	35.859	ng	92
58) Fluorene	10.52	166	861867	38.188	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.29	232	224804	34.335	ng	98
60) Diethylphthalate	10.39	149	1028659	40.780	ng	99
61) 4-Chlorophenyl-phenylether	10.51	204	453087	39.559	ng	99
62) 4-Nitroaniline	10.53	138	275855	40.718	ng	97
63) Azobenzene	10.67	77	866112	37.741	ng	97
65) 4,6-Dinitro-2-methylphenol	10.56	198	21714	7.647	ng	87
66) n-Nitrosodiphenylamine	10.63	169	769474	43.469	ng	100
67) 4-Bromophenyl-phenylether	11.00	248	273533	41.679	ng	97
68) Hexachlorobenzene	11.07	284	305342	39.900	ng	98
69) Atrazine	11.15	200	202610	34.795	ng	99
70) Pentachlorophenol	11.26	266	165860	37.098	ng	99
71) Phenanthrene	11.49	178	1254079	41.009	ng	98
72) Anthracene	11.54	178	1238122	40.835	ng	98
73) Carbazole	11.69	167	1131046	42.689	ng	98
74) Di-n-butylphthalate	12.02	149	1330104	40.320	ng	99
75) Fluoranthene	12.68	202	1305712	47.267	ng	99
77) Benzidine	12.80	184	677185	42.259	ng	100
78) Pyrene	12.91	202	1353630	34.238	ng	99
80) Butylbenzylphthalate	13.52	149	633439	37.303	ng	93
81) Benzo(a)anthracene	14.10	228	1269152	39.259	ng	99
82) 3,3'-Dichlorobenzidine	14.06	252	494327	43.714	ng	99
83) Chrysene	14.14	228	1161510	37.078	ng	98
84) Bis(2-ethylhexyl)phthalate	14.09	149	824821	40.066	ng	99
85) Di-n-octyl phthalate	14.70	149	1425363	47.129	ng	99
86) Indeno(1,2,3-cd)pyrene	17.15	276	930205	34.890	ng	99
88) Benzo(b)fluoranthene	15.17	252	1126280	43.208	ng	99
89) Benzo(k)fluoranthene	15.20	252	1001235	40.766	ng	99
90) Benzo(a)pyrene	15.55	252	900681	39.294	ng	99
91) Dibenzo(a,h)anthracene	17.17	278	771002	39.080	ng	99
92) Benzo(g,h,i)perylene	17.61	276	724957	36.892	ng	99

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

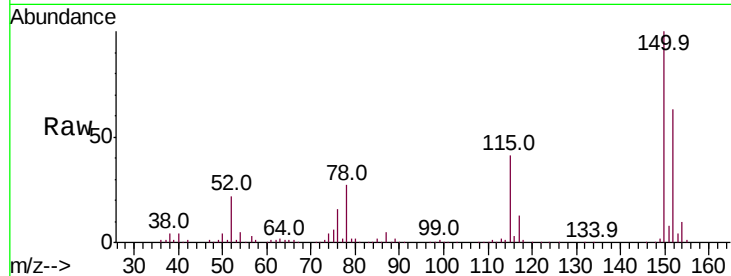


#1

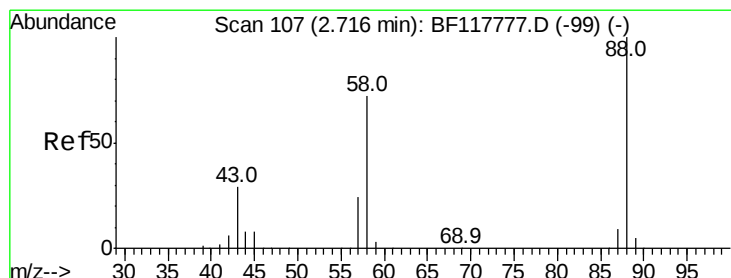
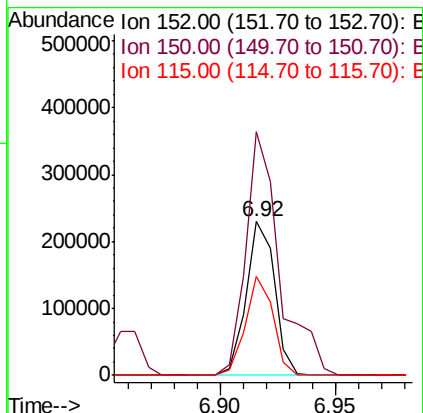
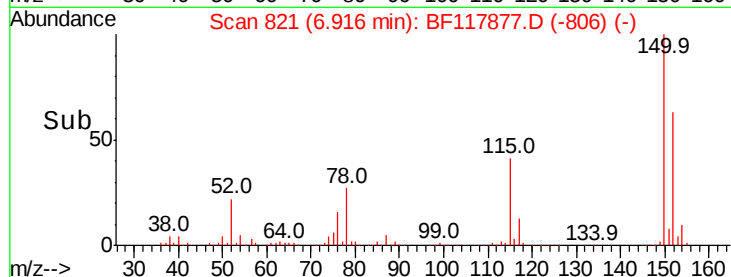
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 197933
Ion Ratio Lower Upper
152 100
150 158.4 125.3 187.9
115 64.7 47.0 70.4



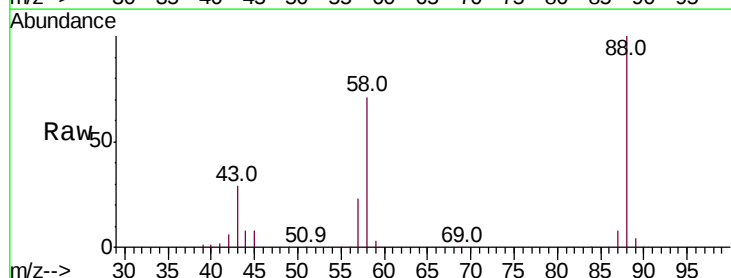
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



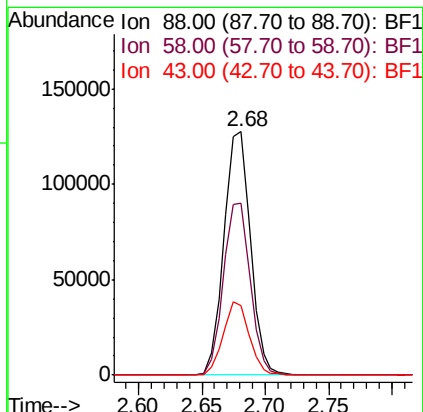
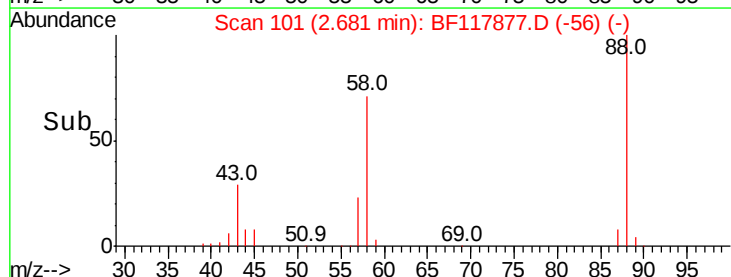
#2

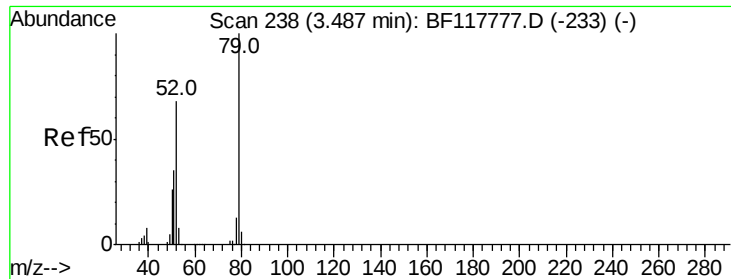
1,4-Dioxane
Concen: 35.393 ng
RT: 2.68 min Scan# 101
Delta R.T. -0.04 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion: 88 Resp: 184995
Ion Ratio Lower Upper
88 100
58 71.5 58.2 87.2
43 29.6 23.3 34.9



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





#3

Pvridine

Concen: 36.695 ng

RT: 3.45 min Scan# 232

Delta R.T. -0.04 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

ClientSampleId :

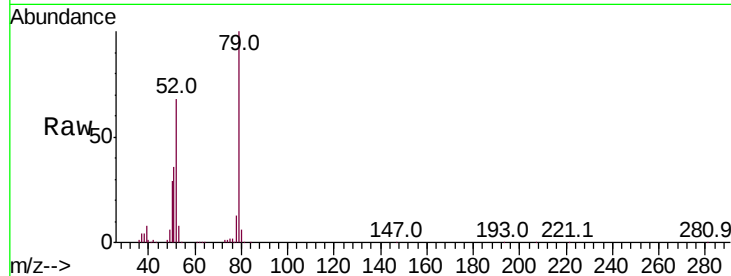
Tot Ion: 79 Resp: 503129

Ion Ratio Lower Upper

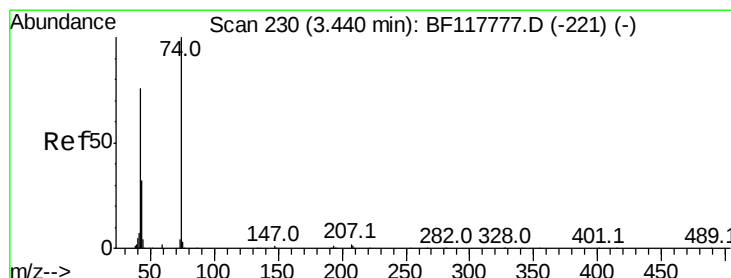
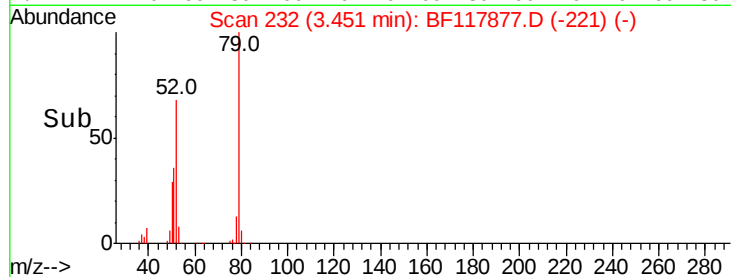
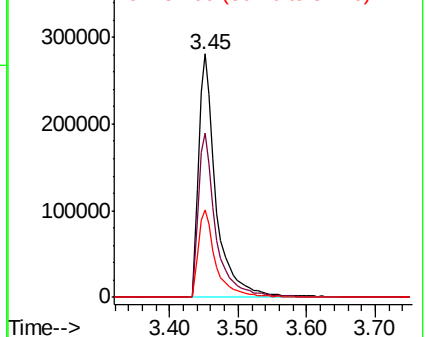
79 100

52 67.5 54.8 82.2

51 36.0 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: 39.564 ng

RT: 3.41 min Scan# 225

Delta R.T. -0.03 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

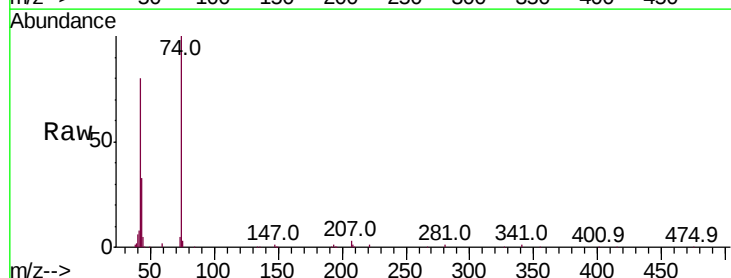
Tgt Ion: 42 Resp: 236795

Ion Ratio Lower Upper

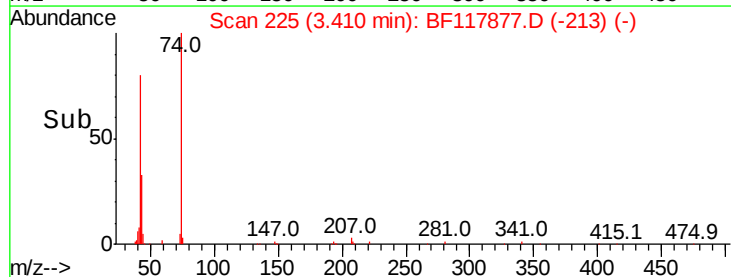
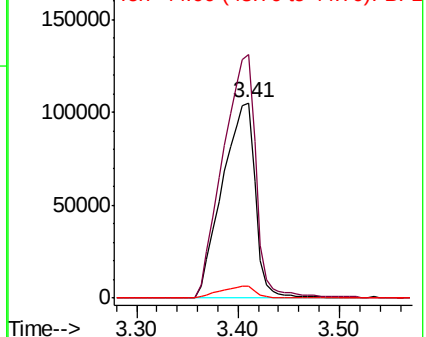
42 100

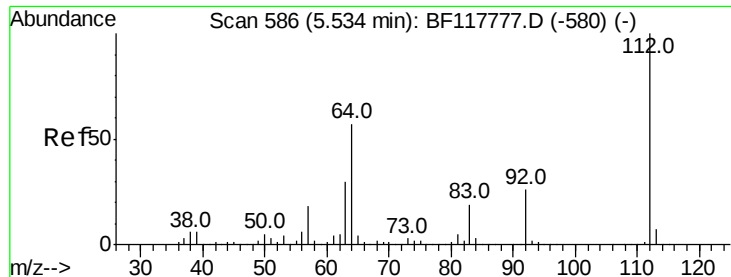
74 124.8 105.1 157.7

44 6.0 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: 78.254 ng

RT: 5.52 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

ClientSampled :

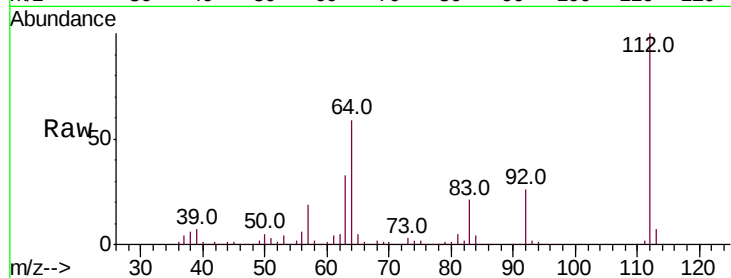
Tot Ion: 112 Resp: 875032

Ion Ratio Lower Upper

112 100

64 58.8 45.6 68.4

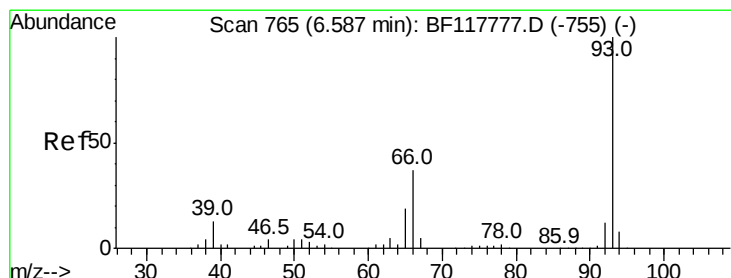
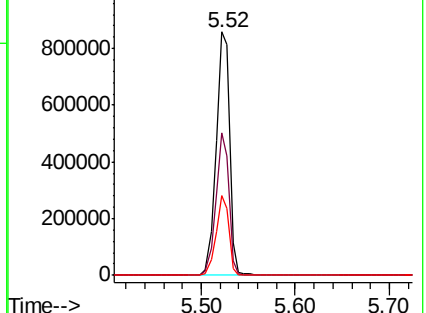
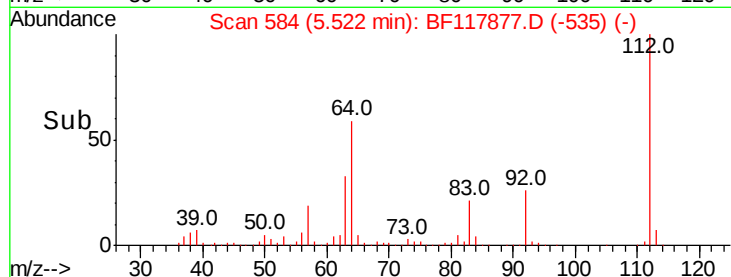
63 32.6 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.991 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

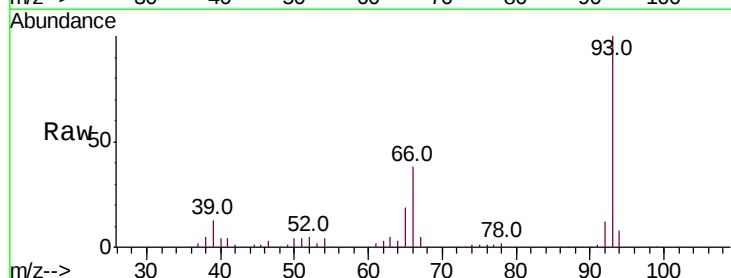
Tgt Ion: 93 Resp: 694936

Ion Ratio Lower Upper

93 100

66 38.2 30.6 45.8

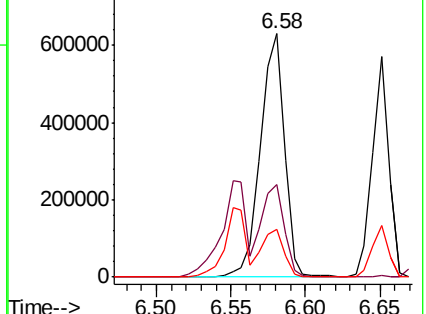
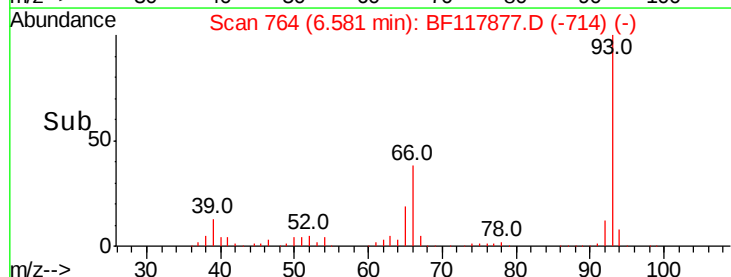
65 19.4 15.6 23.4

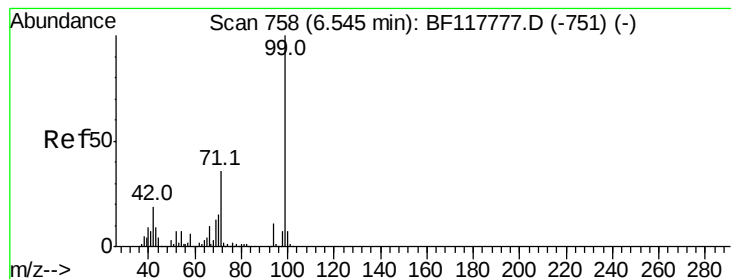


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.752 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

ClientSampleId :

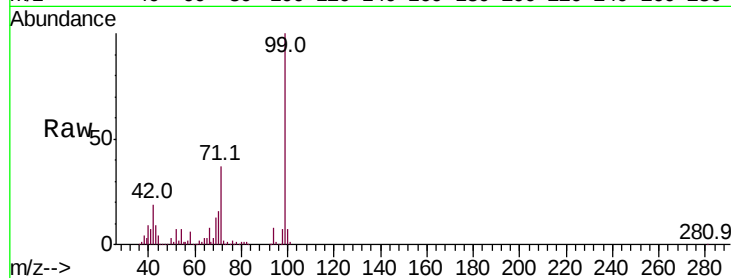
Tot Ion: 99 Resp: 1089126

Ion Ratio Lower Upper

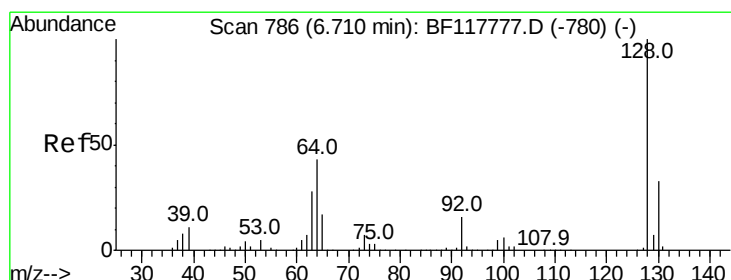
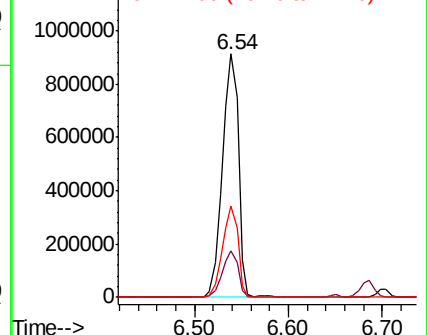
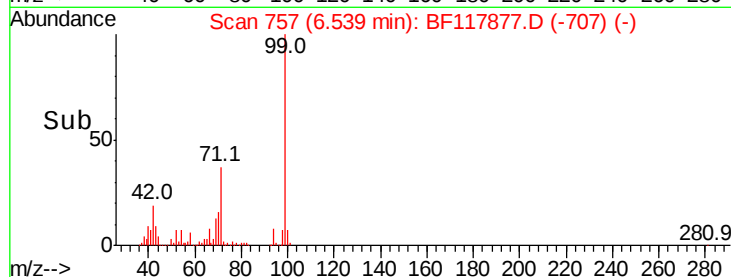
99 100

42 19.1 14.9 22.3

71 37.3 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: 40.340 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

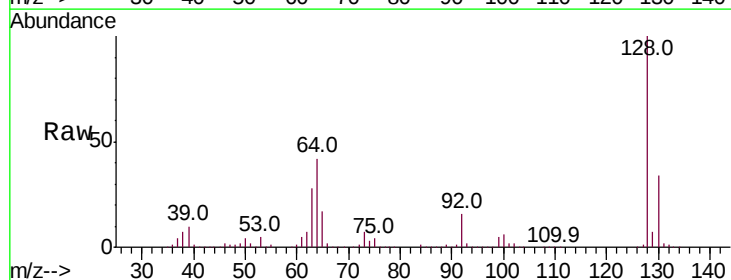
Tgt Ion: 128 Resp: 489464

Ion Ratio Lower Upper

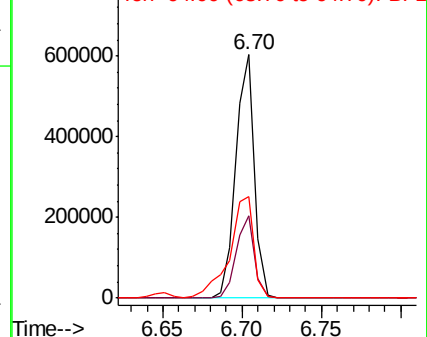
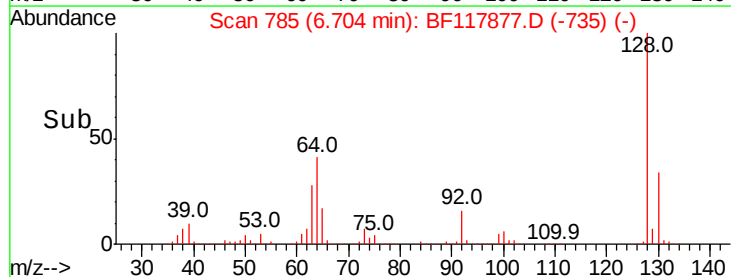
128 100

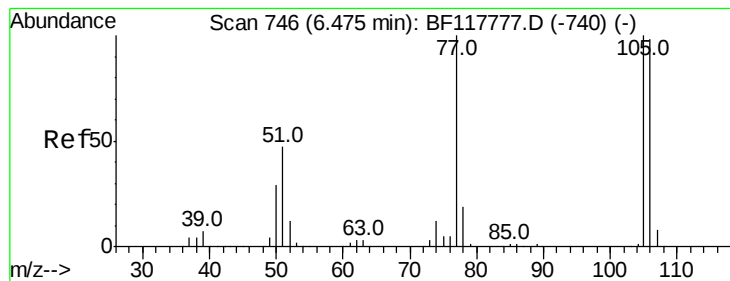
130 33.9 13.2 53.2

64 41.5 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: 39.084 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

ClientSampleId :

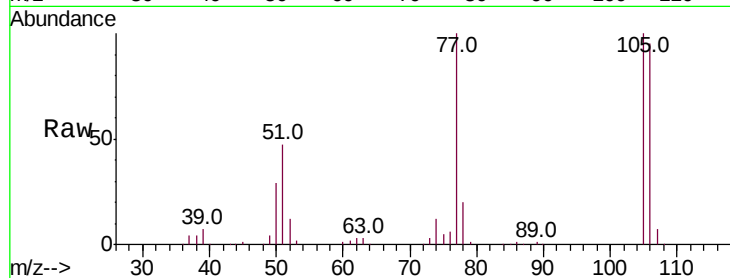
Tot Ion: 77 Resp: 343245

Ion Ratio Lower Upper

77 100

105 100.1 80.2 120.2

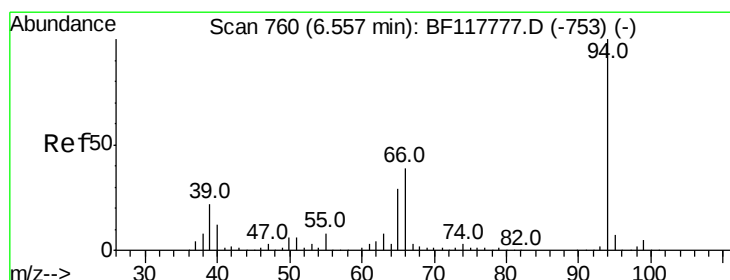
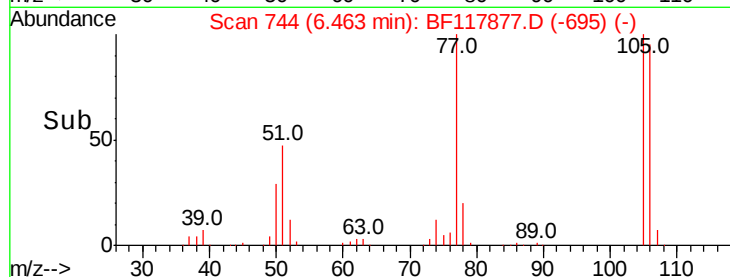
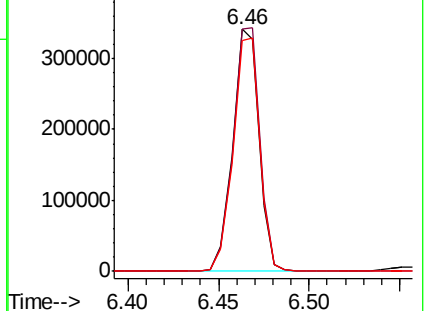
106 95.3 78.4 118.4



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: 43.977 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

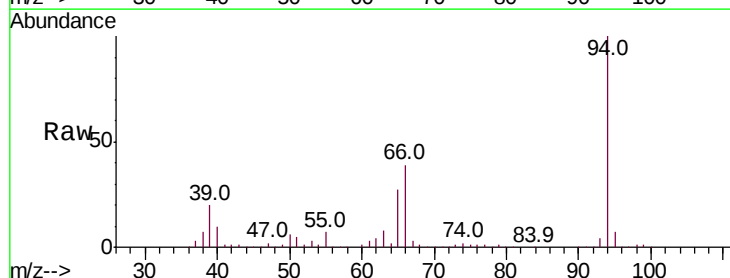
Tgt Ion: 94 Resp: 616348

Ion Ratio Lower Upper

94 100

65 27.5 8.9 48.9

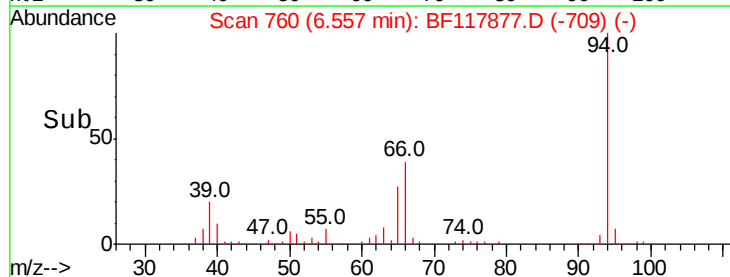
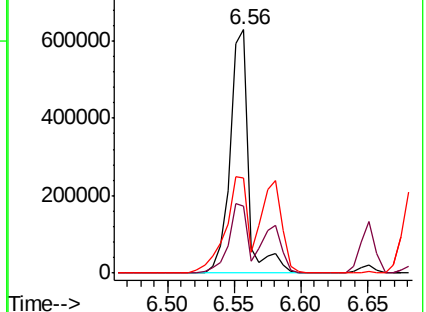
66 39.2 18.7 58.7

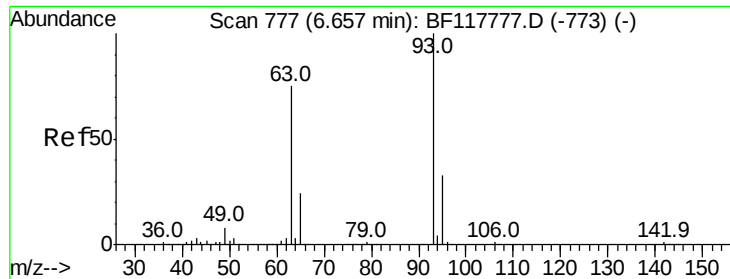


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

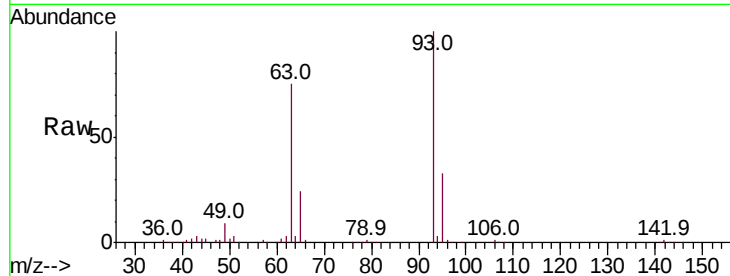




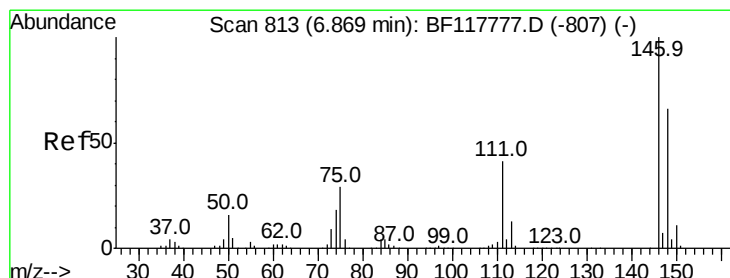
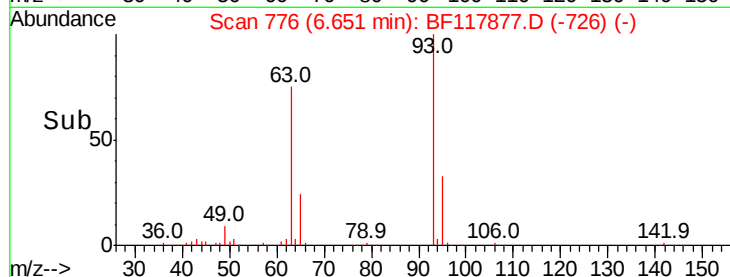
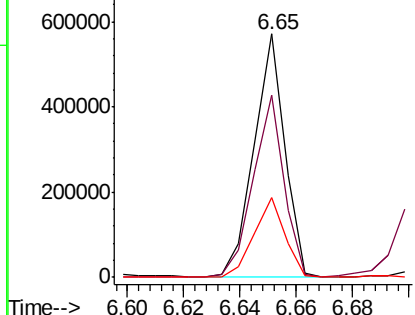
#11
bis(2-Chloroethyl)ether
Concen: 38.397 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 432153
Ion Ratio Lower Upper
93 100
63 74.6 54.8 94.8
95 32.9 12.7 52.7

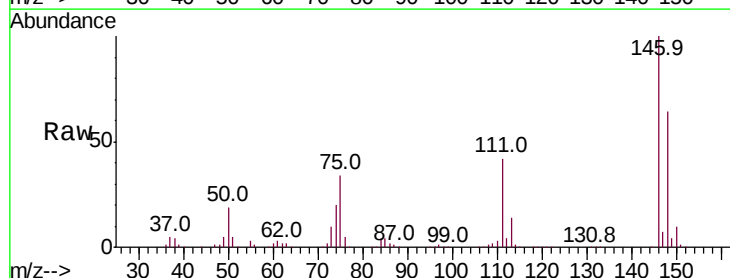


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

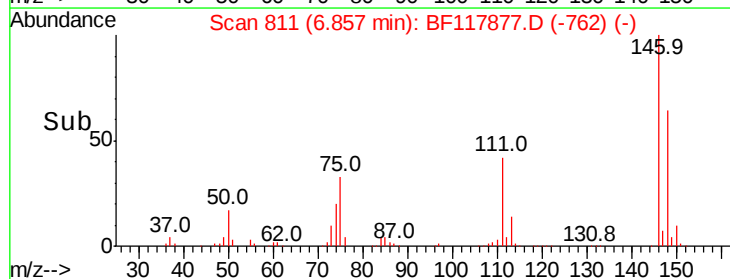
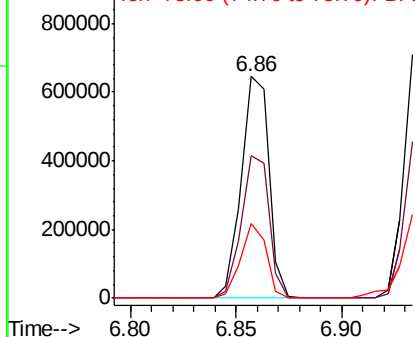


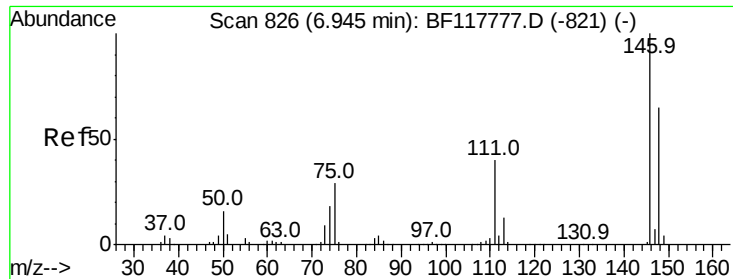
#12
1,3-Dichlorobenzene
Concen: 41.078 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion: 146 Resp: 586787
Ion Ratio Lower Upper
146 100
148 64.0 52.8 79.2
75 33.6 23.4 35.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

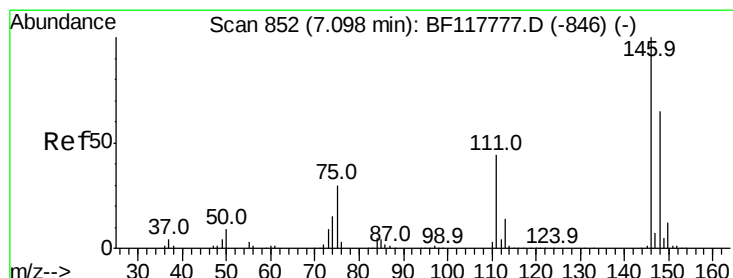
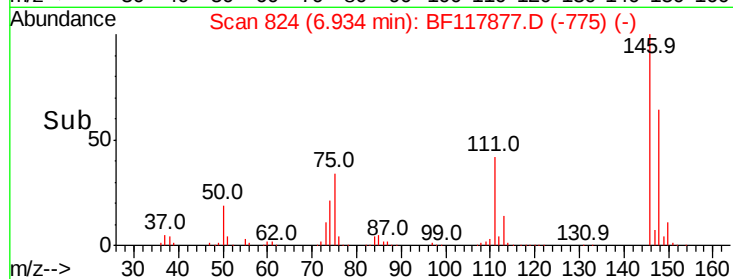
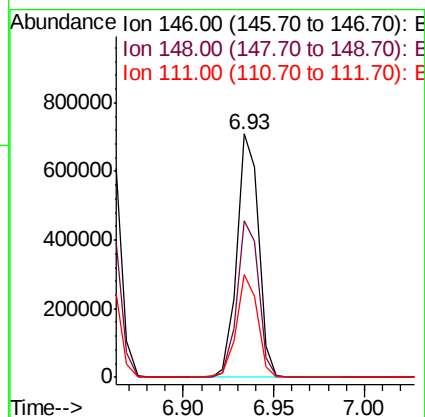
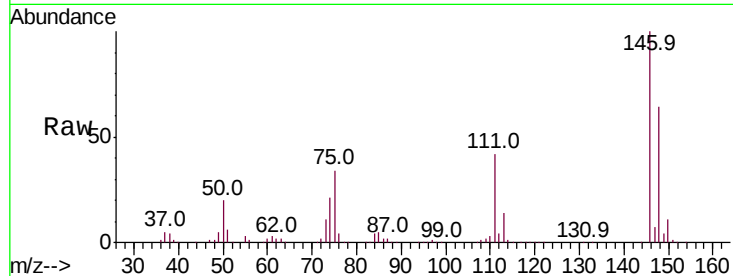




#13
 1,4-Dichlorobenzene
 Concen: 40.827 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF117877.D
 Acq: 20 Nov 2019 2:32

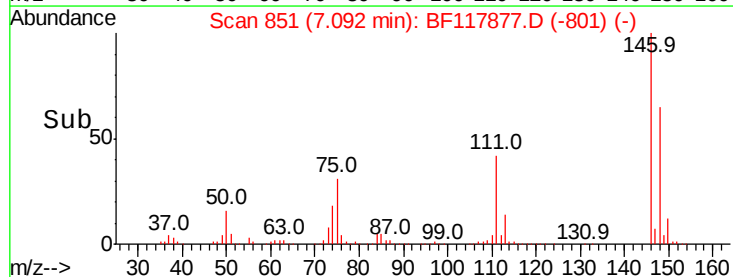
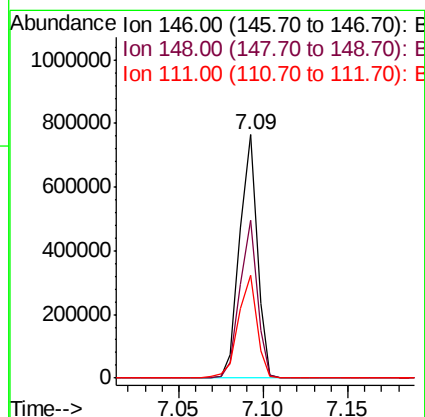
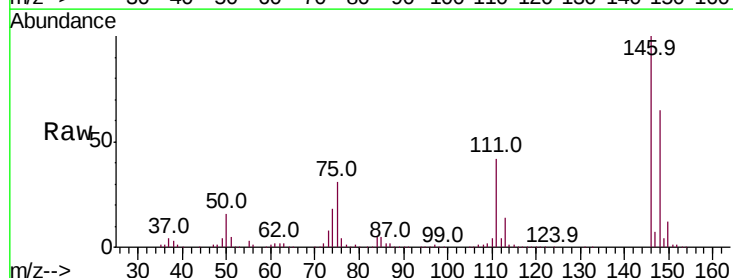
Instrument :
 BNA_F
 ClientSampled :

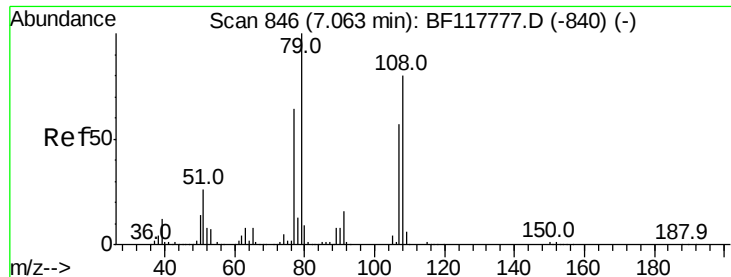
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.3	78.5
111	42.5	32.2	48.4



#14
 1,2-Dichlorobenzene
 Concen: 40.059 ng
 RT: 7.09 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BF117877.D
 Acq: 20 Nov 2019 2:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.8
111	42.4	35.0	52.6





#15

Benzyl Alcohol

Concen: 40.343 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

ClientSampleId :

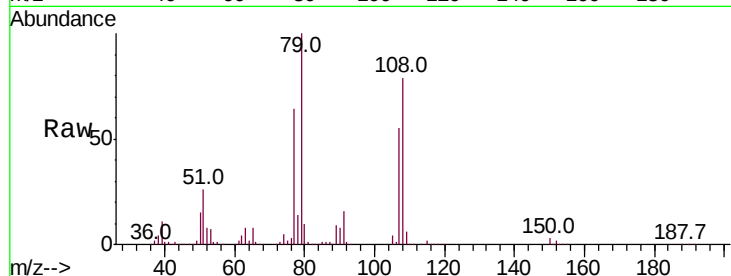
Tot Ion: 79 Resp: 420090

Ion Ratio Lower Upper

79 100

108 78.6 64.1 96.1

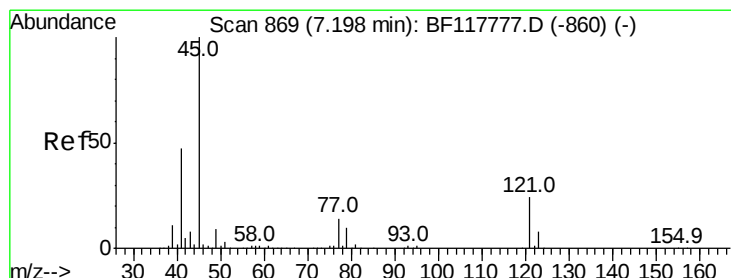
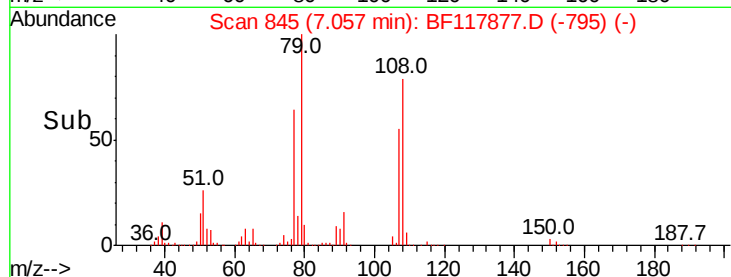
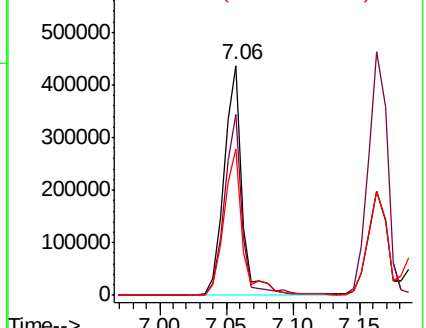
77 63.7 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.896 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

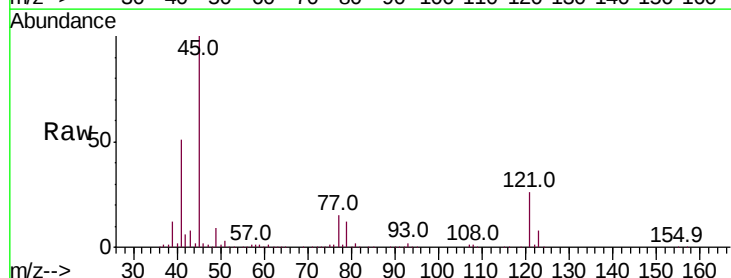
Tgt Ion: 45 Resp: 622016

Ion Ratio Lower Upper

45 100

77 15.4 0.0 35.0

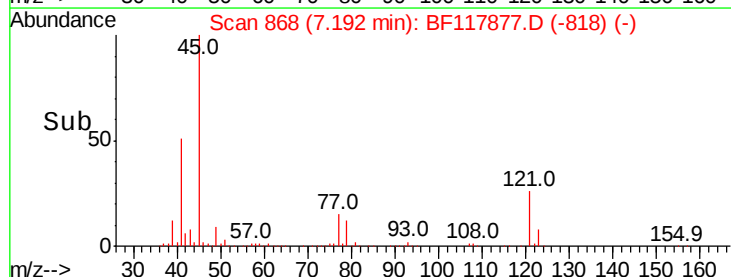
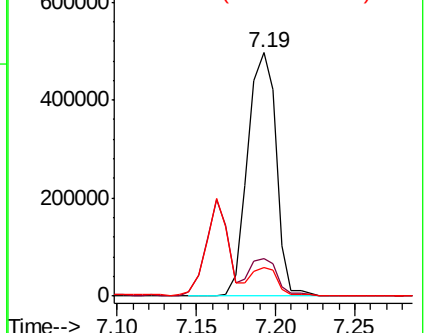
79 11.7 0.0 31.1

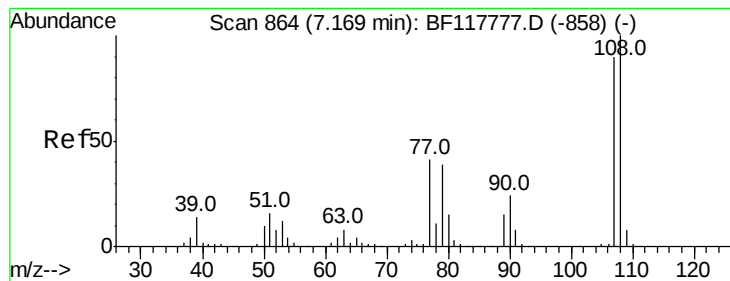


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

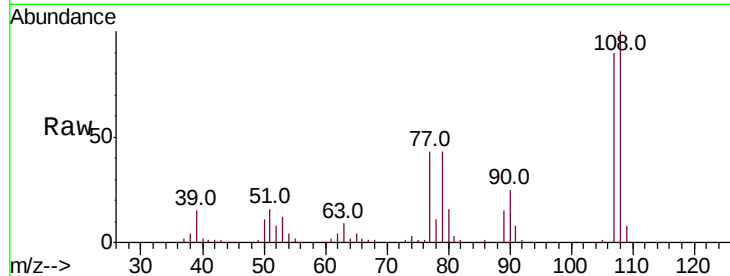




#17
2-Methylphenol
Concen: 38.900 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	399703
Ion	Ratio	Lower	Upper
107	100		
108	110.9	89.1	133.7
77	47.4	36.6	54.8
79	47.7	35.2	52.8



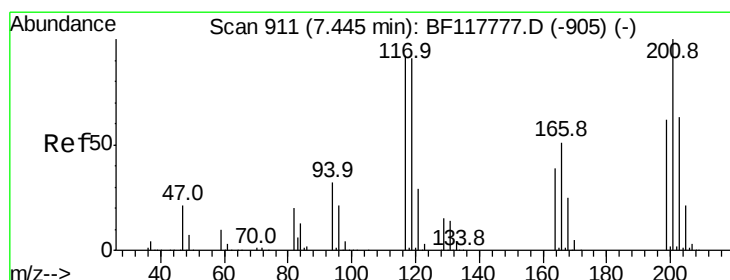
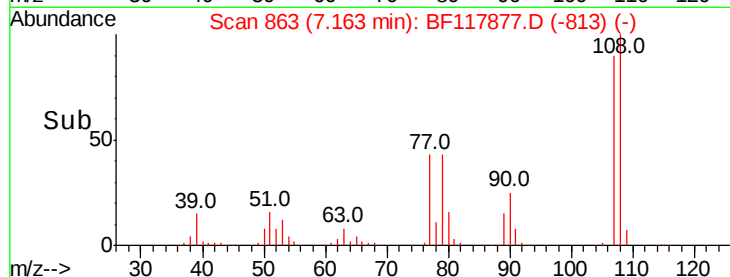
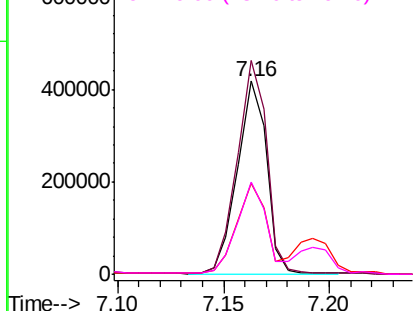
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

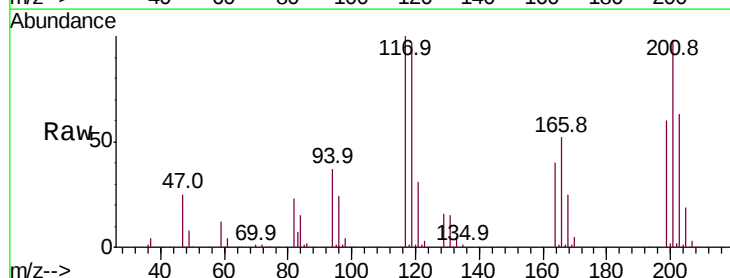
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 33.596 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion:	117	Resp:	178199
Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.7	118.1
201	98.5	86.5	129.7

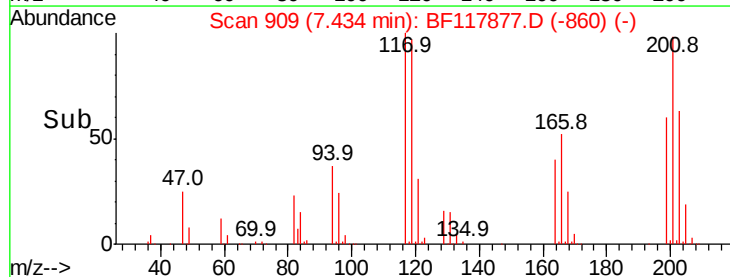
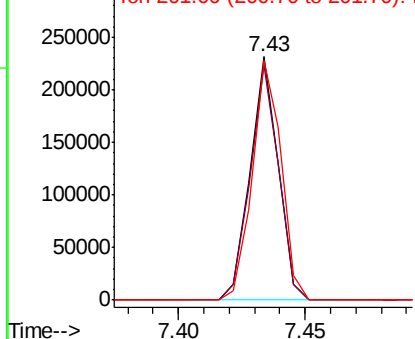


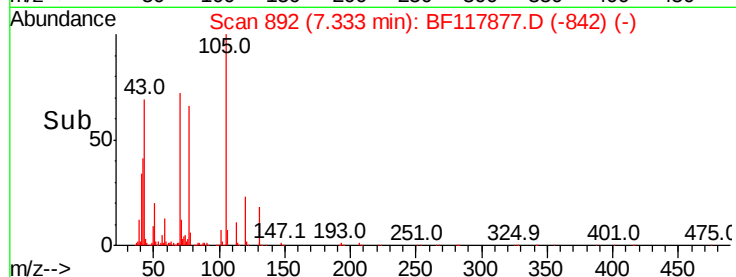
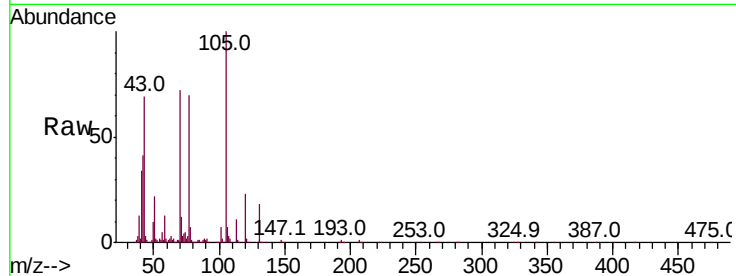
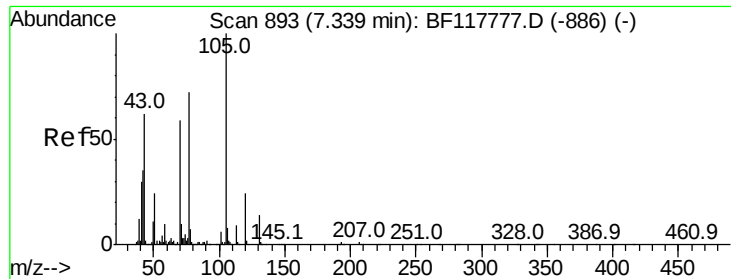
Abundance

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

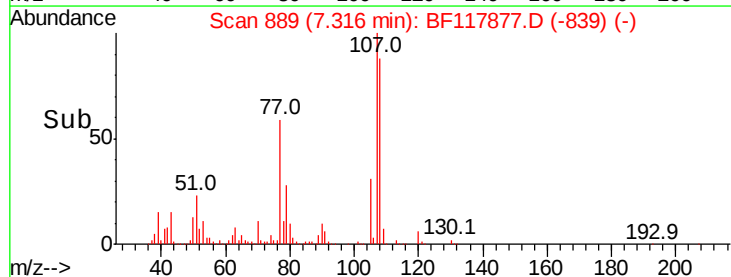
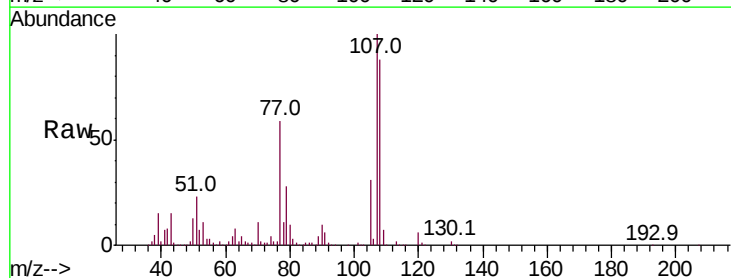
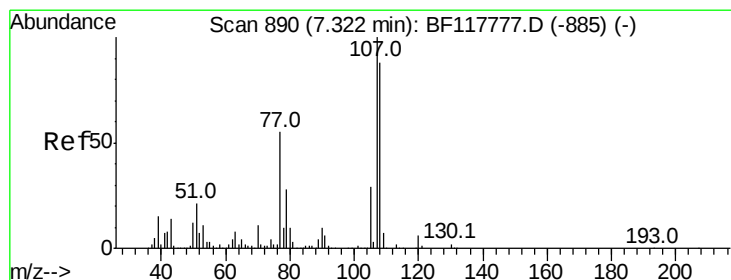
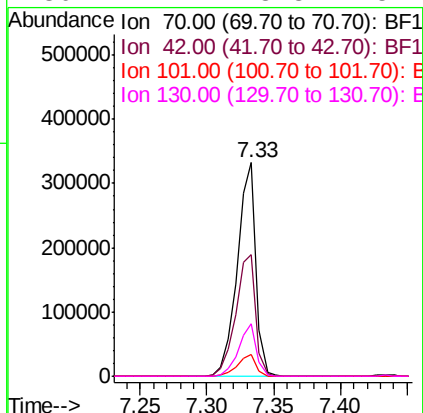




#19
n-Nitroso-di-n-propylamine
Concen: 38.951 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

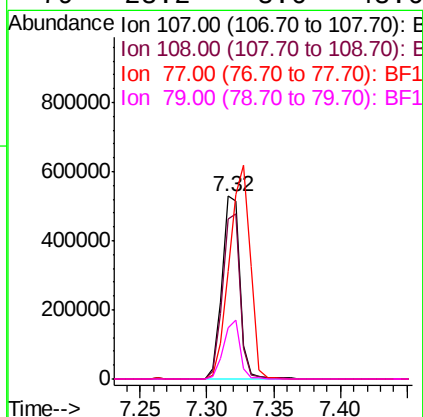
Instrument :
BNA_F
ClientSampled :

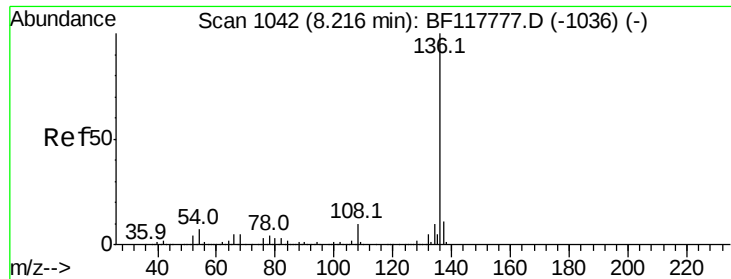
Tot Ion:	70	Resp:	324099
Ion	Ratio	Lower	Upper
70	100		
42	56.8	47.4	71.2
101	10.4	8.4	12.6
130	24.7	18.8	28.2



#20
3+4-Methylphenols
Concen: 39.368 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion:	107	Resp:	502141
Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.4	108.4
77	58.6	35.2	75.2
79	28.2	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 717817

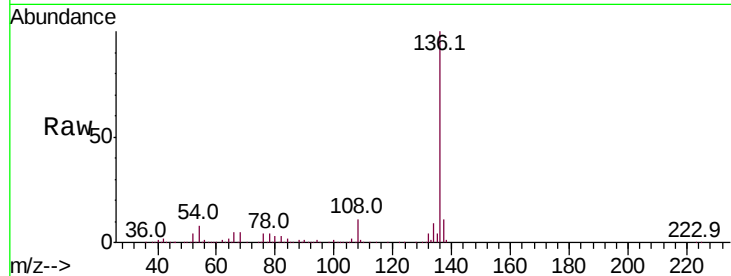
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.5 5.4 8.2

68 5.2 4.3 6.5

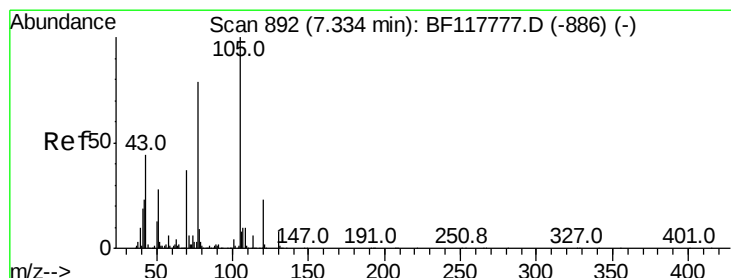
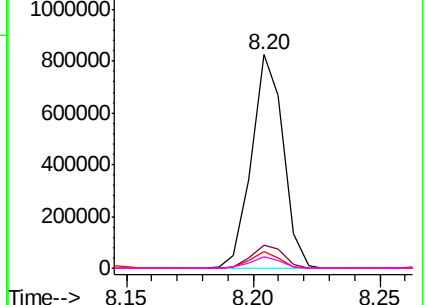
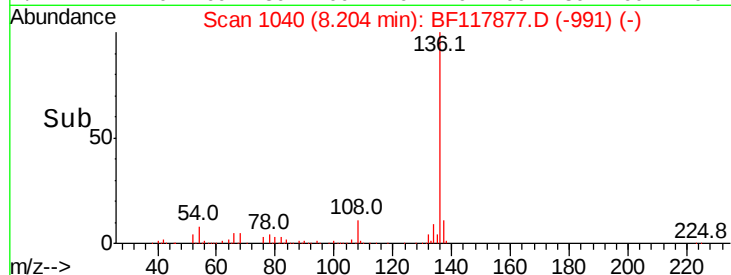


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.431 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Tgt Ion:105 Resp: 684299

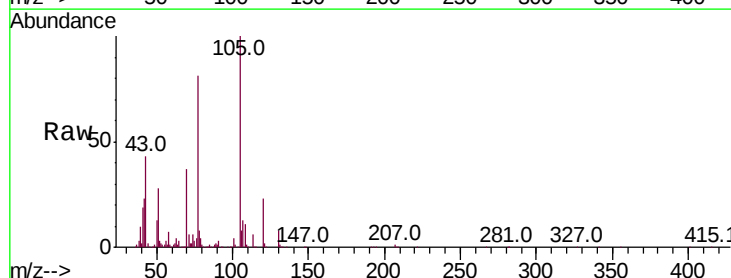
Ion Ratio Lower Upper

105 100

71 6.3 4.9 7.3

51 28.4 22.7 34.1

120 22.9 18.5 27.7

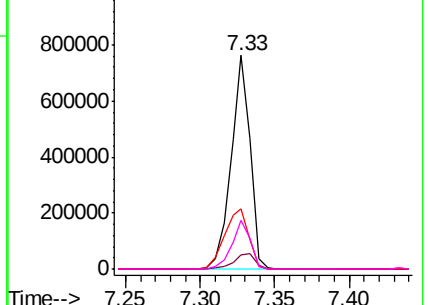
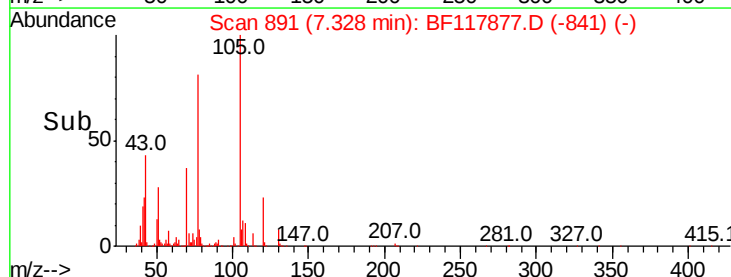


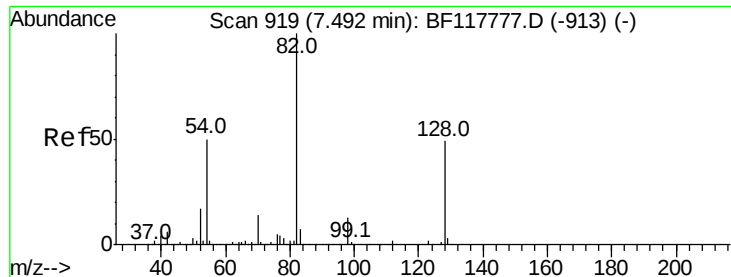
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

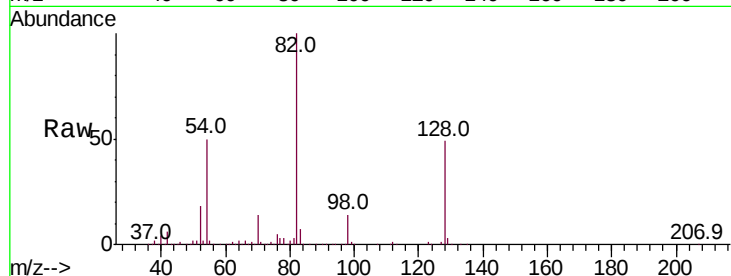




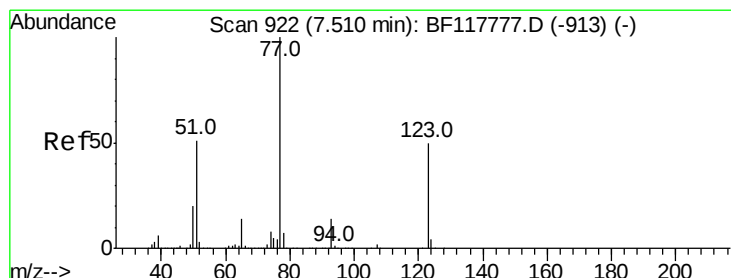
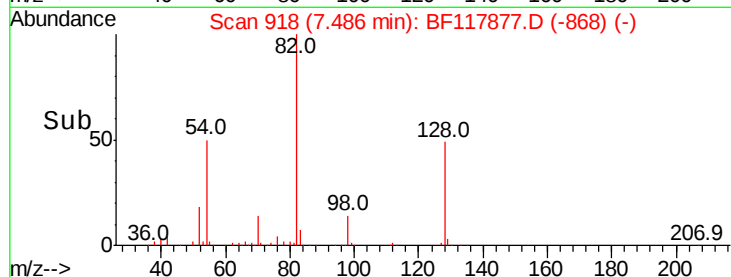
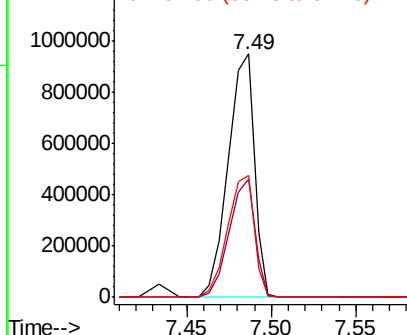
#23
Nitrobenzene-d5
Concen: 84.789 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1023838
Ion Ratio Lower Upper
82 100
128 48.7 38.9 58.3
54 49.9 39.8 59.6

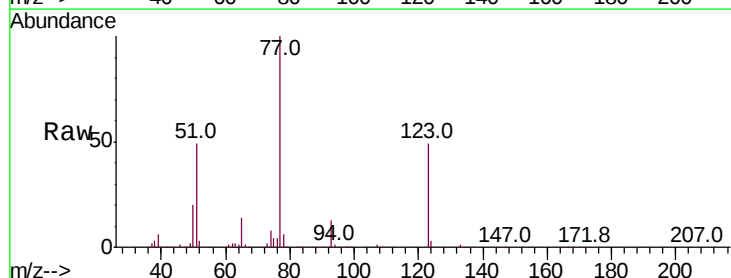


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

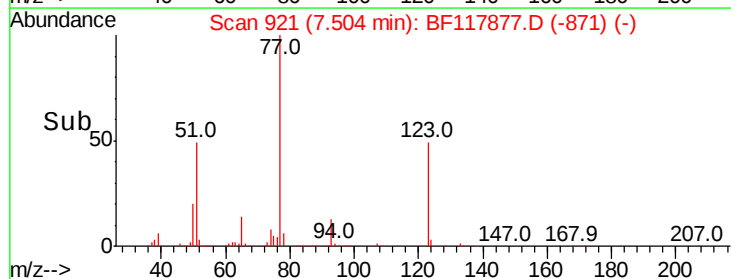
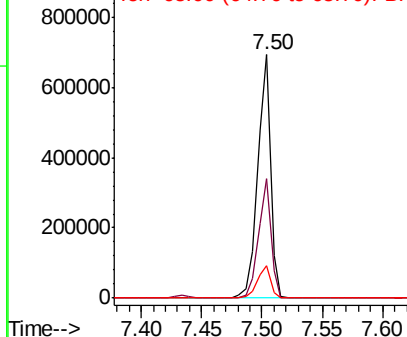


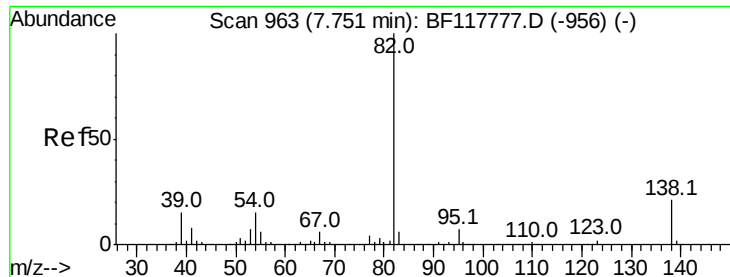
#24
Nitrobenzene
Concen: 41.682 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion: 77 Resp: 519233
Ion Ratio Lower Upper
77 100
123 49.2 40.3 60.5
65 13.6 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: 38.392 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

ClientSampleId :

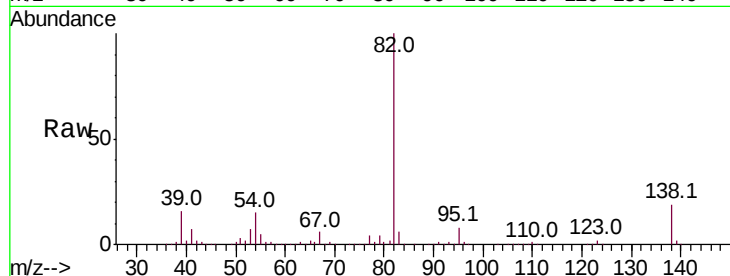
Tot Ion: 82 Resp: 849678

Ion Ratio Lower Upper

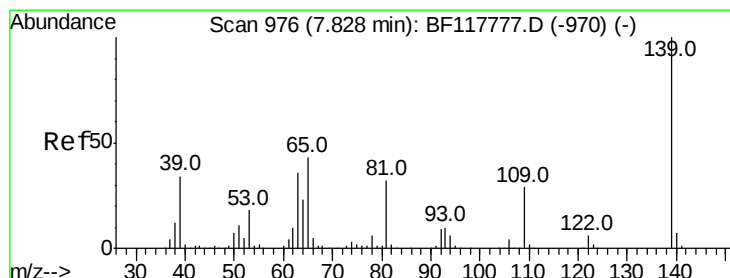
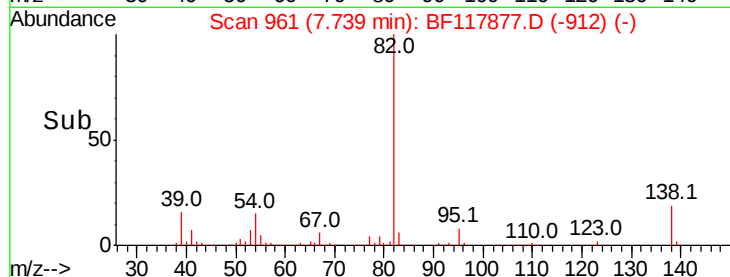
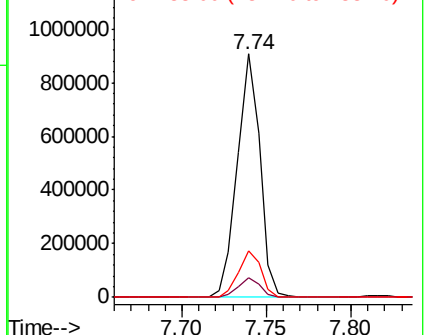
82 100

95 7.8 5.8 8.8

138 18.8 16.5 24.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 36.728 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

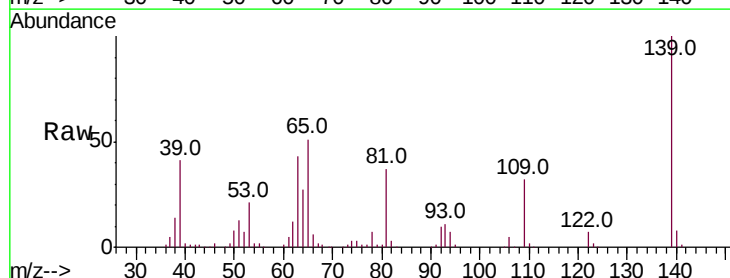
Tgt Ion: 139 Resp: 222691

Ion Ratio Lower Upper

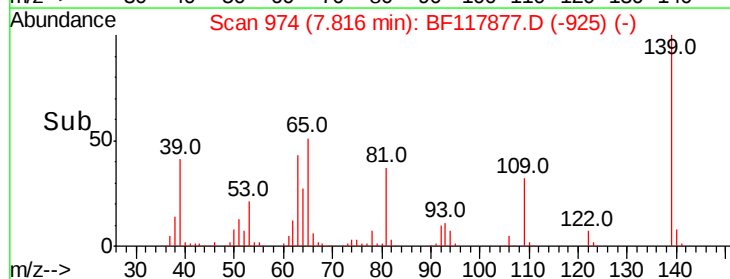
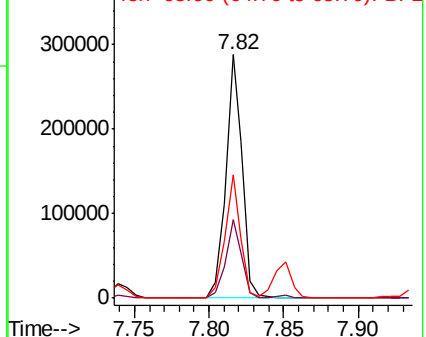
139 100

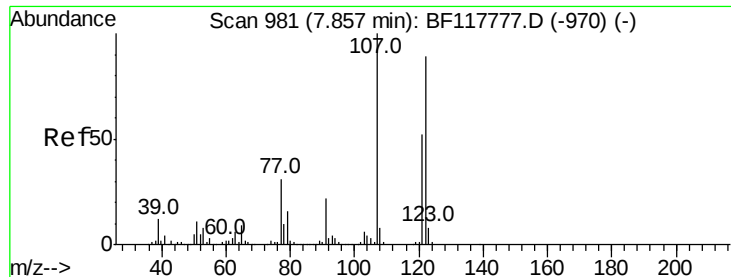
109 32.2 23.0 34.4

65 50.6 34.7 52.1



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

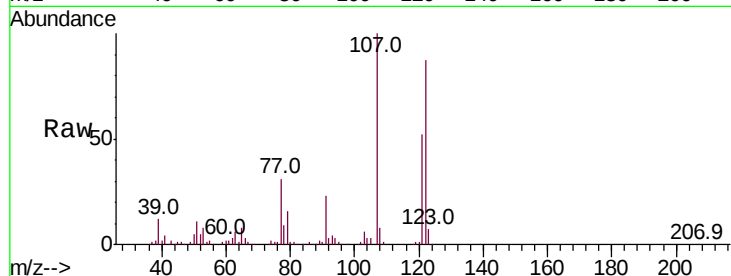




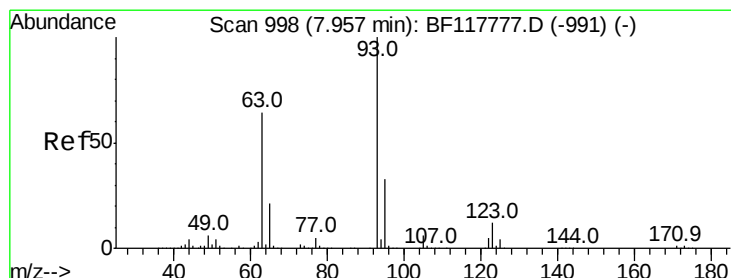
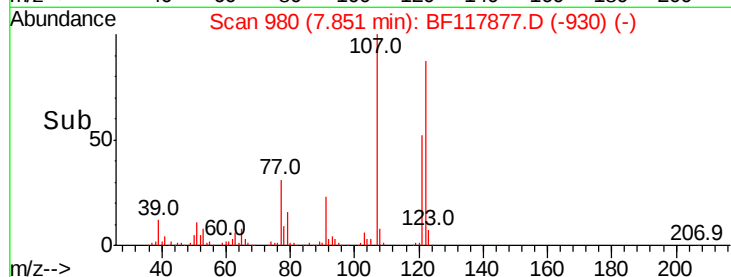
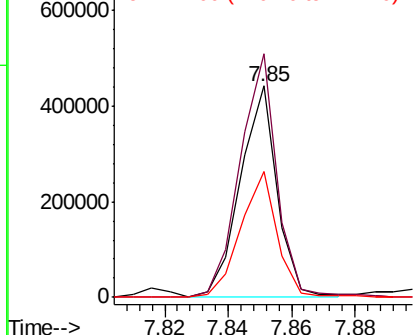
#27
 2,4-Dimethylphenol
 Concen: 37.680 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF117877.D
 Acq: 20 Nov 2019 2:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 355003
 Ion Ratio Lower Upper
 122 100
 107 115.3 90.0 135.0
 121 59.8 46.7 70.1

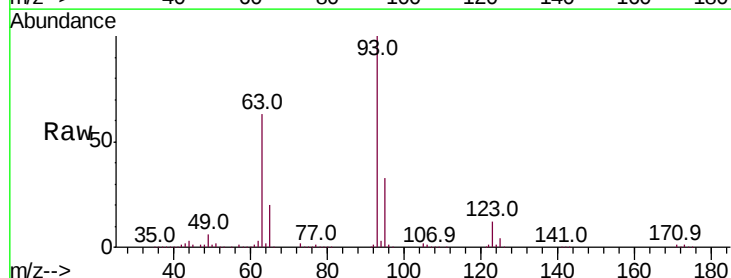


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

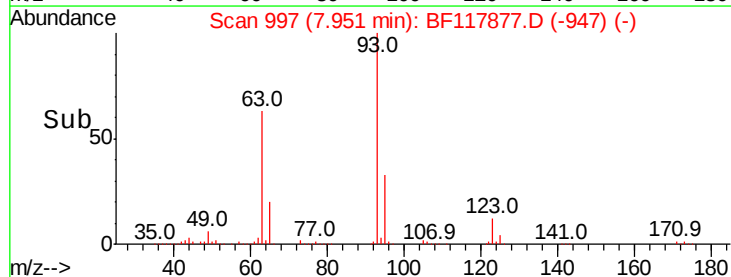
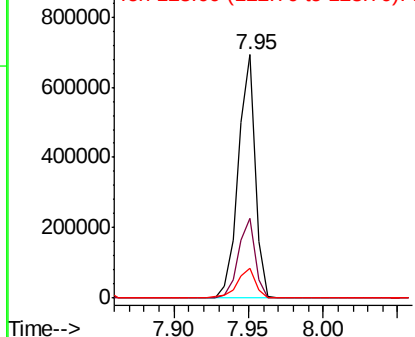


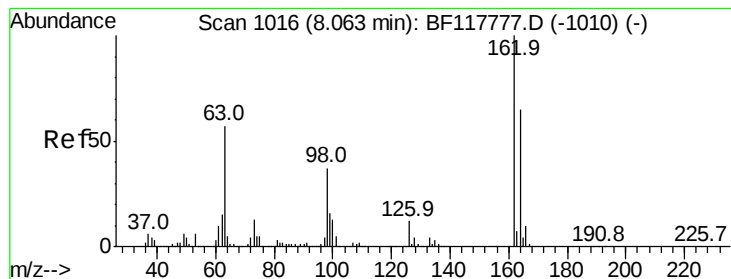
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.394 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF117877.D
 Acq: 20 Nov 2019 2:32

Tgt Ion: 93 Resp: 553261
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.6 40.0
 123 12.2 10.3 15.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.969 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

ClientSampleId :

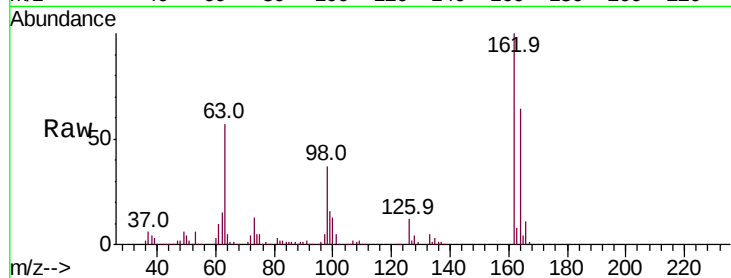
Tot Ion:162 Resp: 398246

Ion Ratio Lower Upper

162 100

164 63.5 45.1 85.1

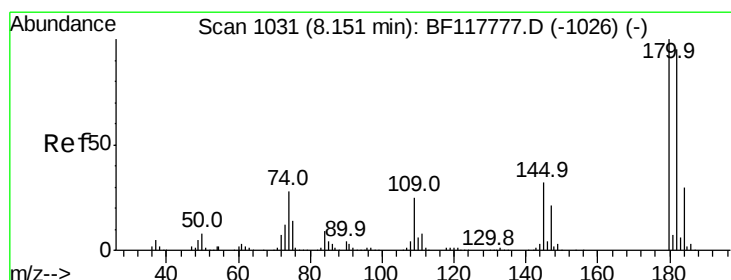
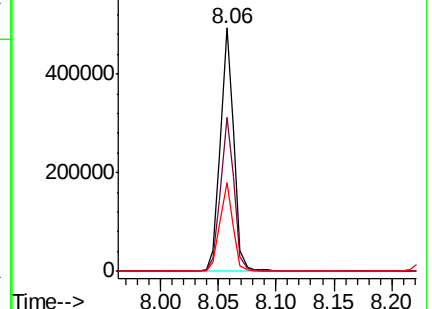
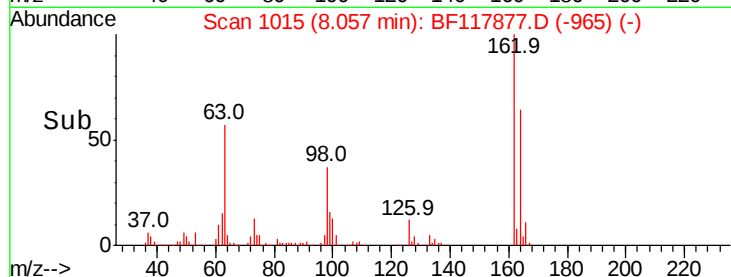
98 36.6 17.2 57.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.620 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

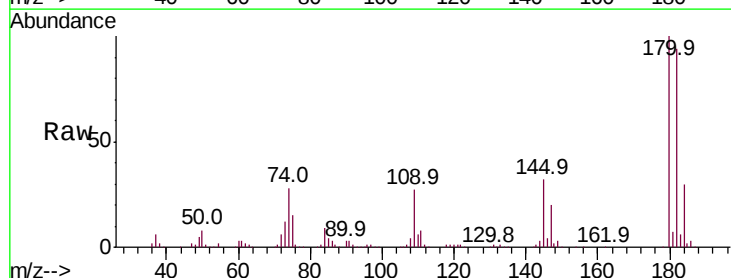
Tgt Ion:180 Resp: 469657

Ion Ratio Lower Upper

180 100

182 94.4 75.8 113.6

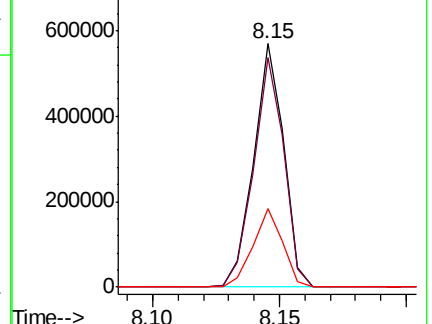
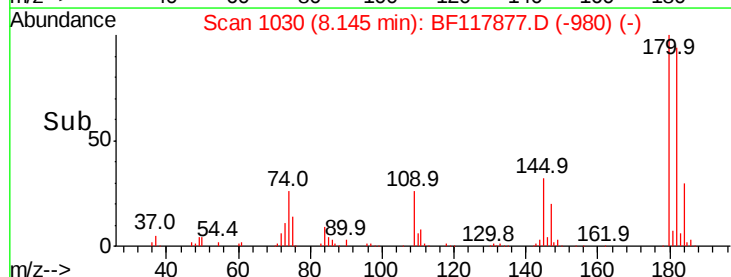
145 32.0 25.5 38.3

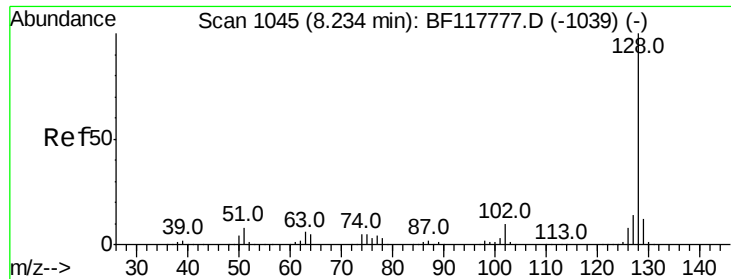


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

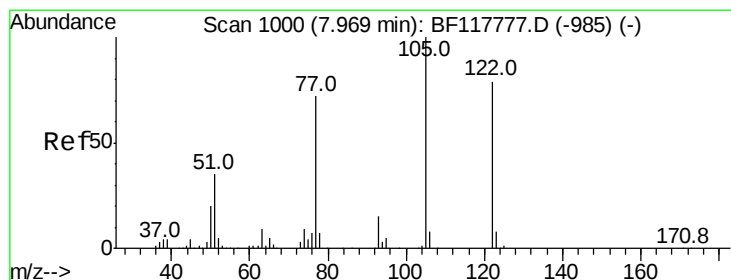
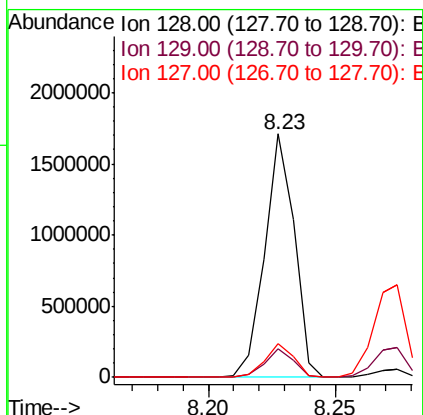
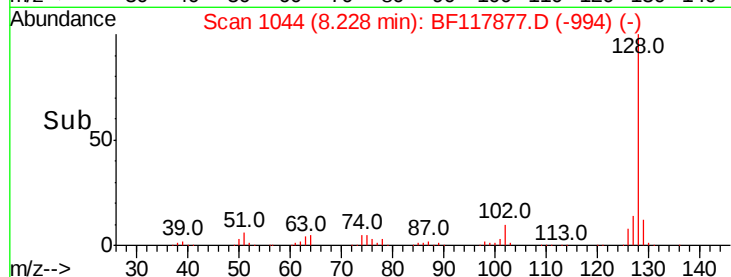
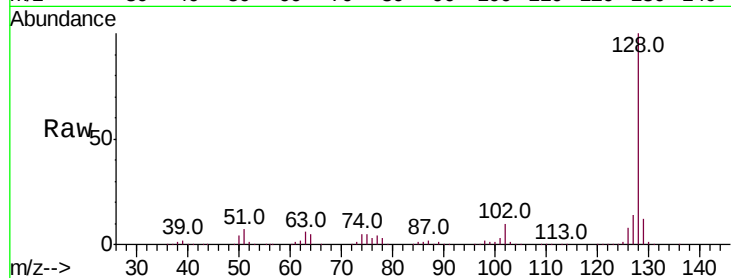




#31
Naphthalene
Concen: 41.408 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

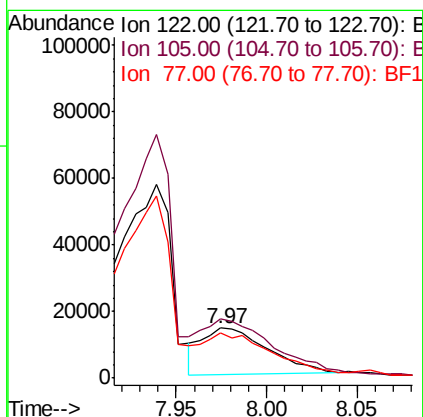
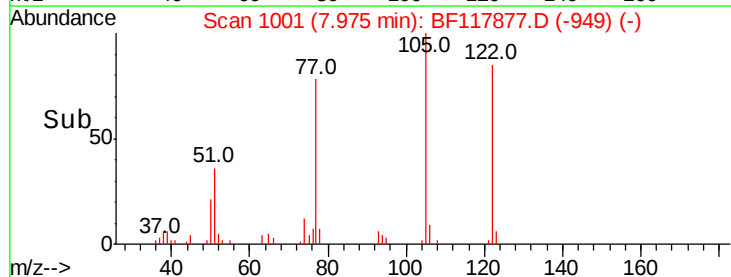
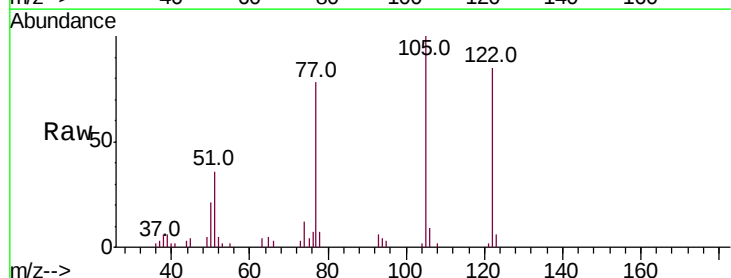
Instrument :
BNA_F
ClientSampled :

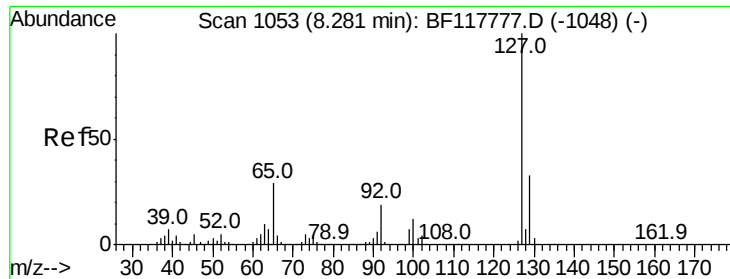
Tot Ion:128 Resp: 1385669
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 14.0 11.3 16.9



#32
Benzoic acid
Concen: 4.442 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion:122 Resp: 35045
Ion Ratio Lower Upper
122 100
105 117.7 102.7 142.7
77 91.4 70.5 110.5

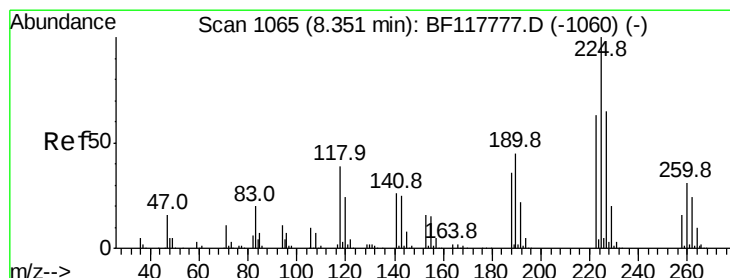
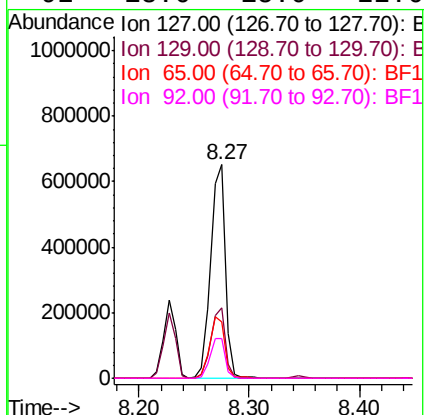
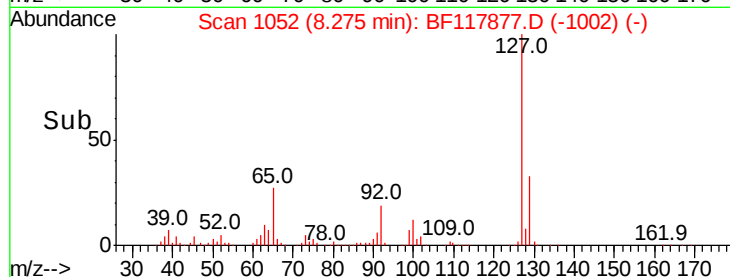
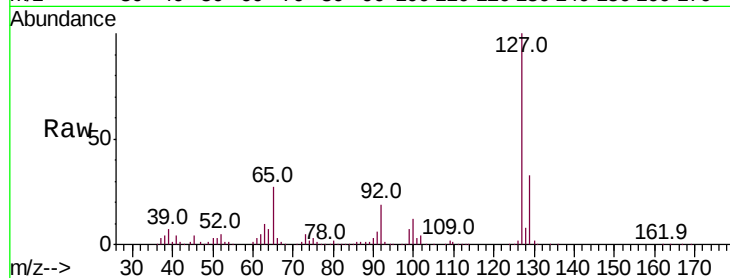




#33
4-Chloroaniline
Concen: 39.086 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

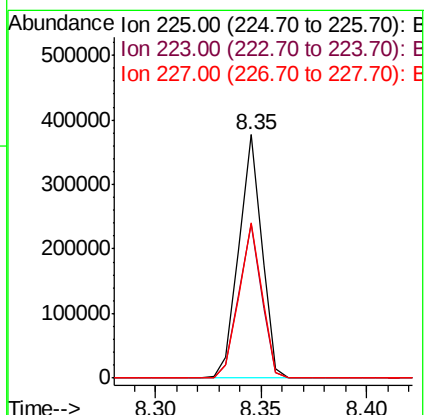
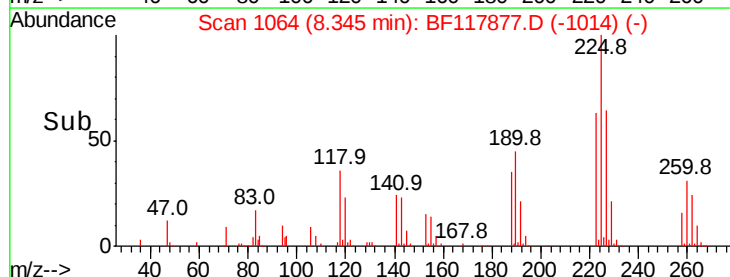
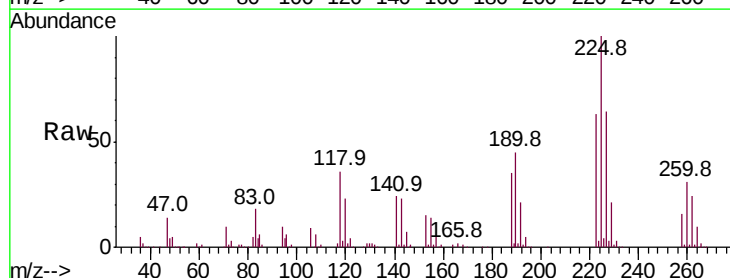
Instrument :
BNA_F
ClientSampled :

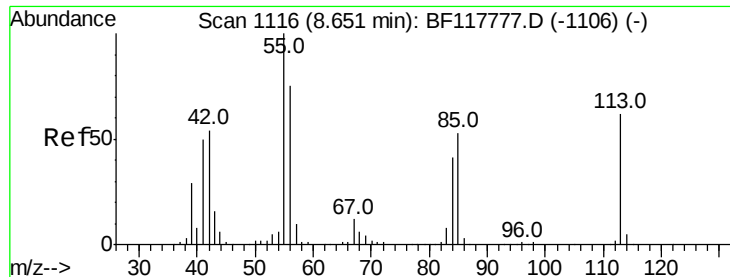
Tot Ion:	127	Resp:	585560
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.5	39.7
65	26.6	22.9	34.3
92	18.6	15.0	22.6



#34
Hexachlorobutadiene
Concen: 40.722 ng
RT: 8.35 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion:	225	Resp:	282231
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.0	75.0
227	64.0	51.8	77.6

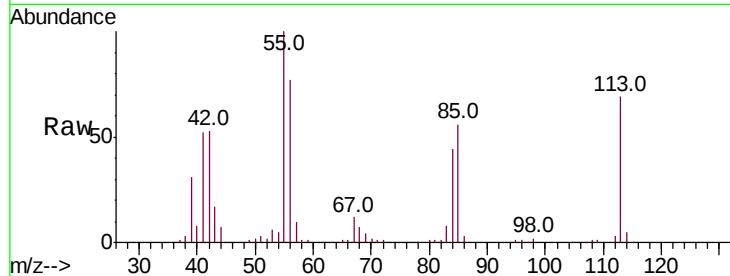




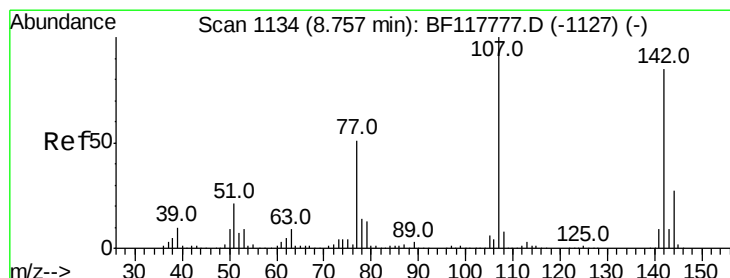
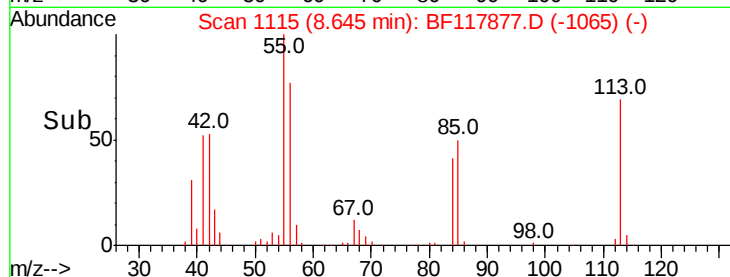
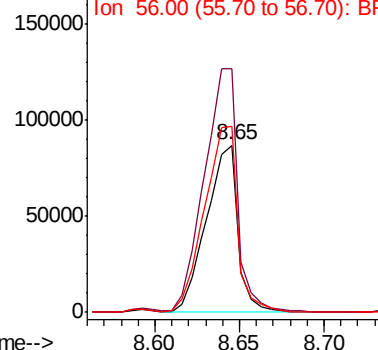
#35
Caprolactam
Concen: 35.007 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 113701
Ion Ratio Lower Upper
113 100
55 145.7 141.1 181.1
56 111.5 100.5 140.5

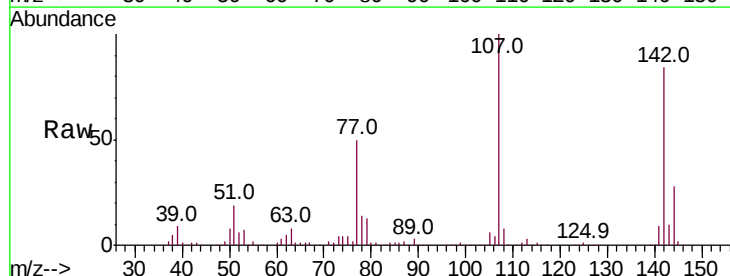


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

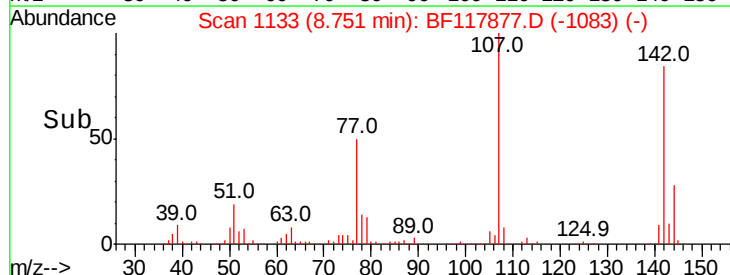
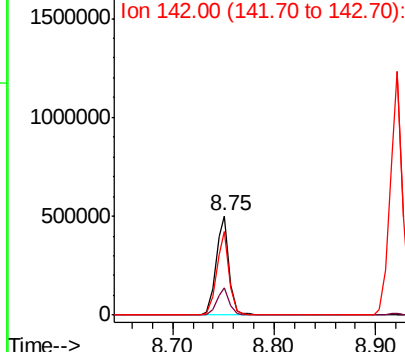


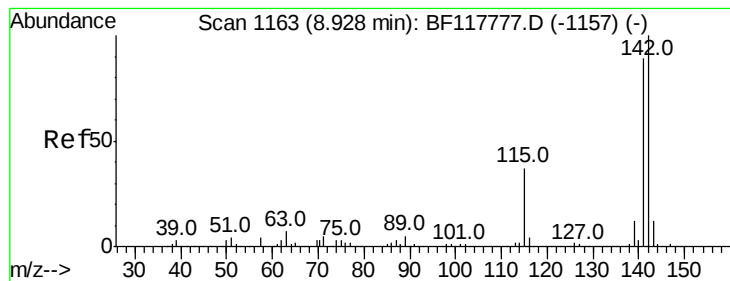
#36
4-Chloro-3-methylphenol
Concen: 42.612 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion:107 Resp: 441956
Ion Ratio Lower Upper
107 100
144 27.9 21.9 32.9
142 84.1 67.7 101.5



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

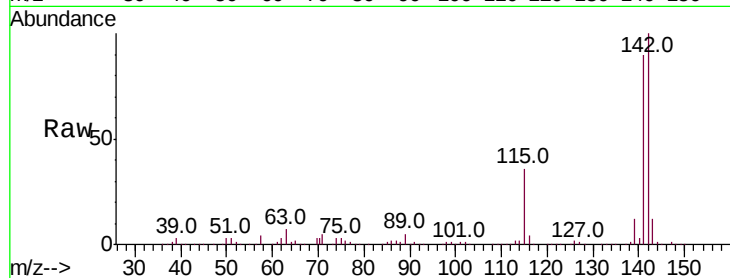




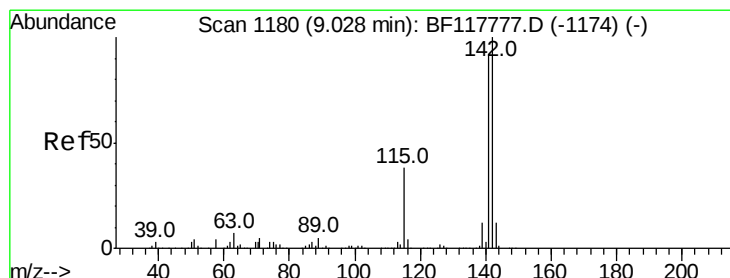
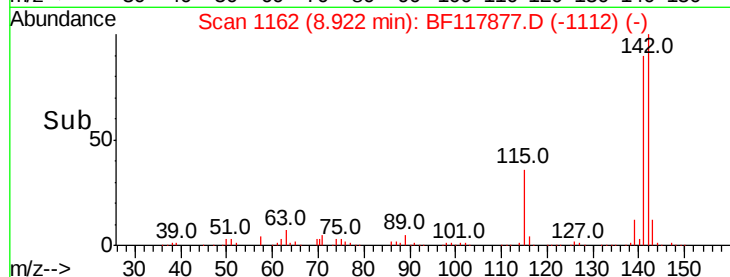
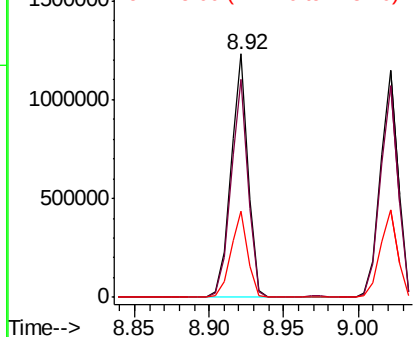
#37
2-Methylnaphthalene
Concen: 44.180 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.1	106.7
115	35.6	29.2	43.8

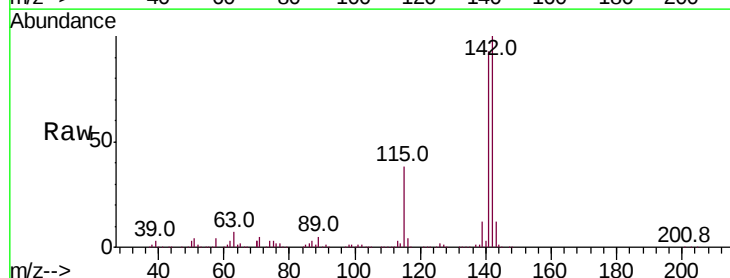


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

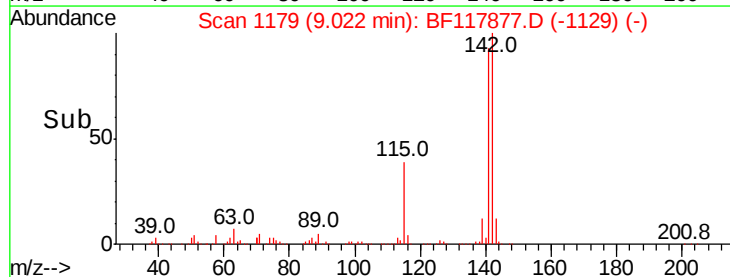
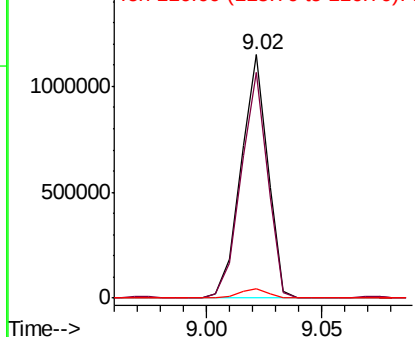


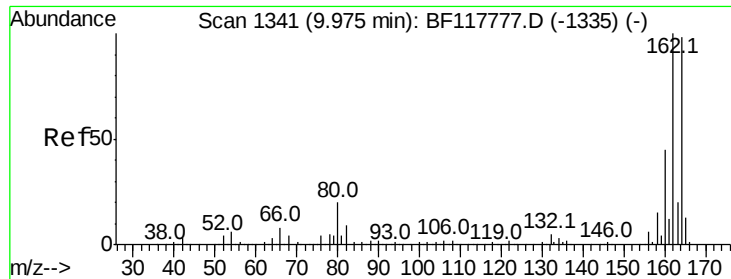
#38
1-Methylnaphthalene
Concen: 43.425 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.5	110.3
116	3.9	3.2	4.8



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

ClientSampleId :

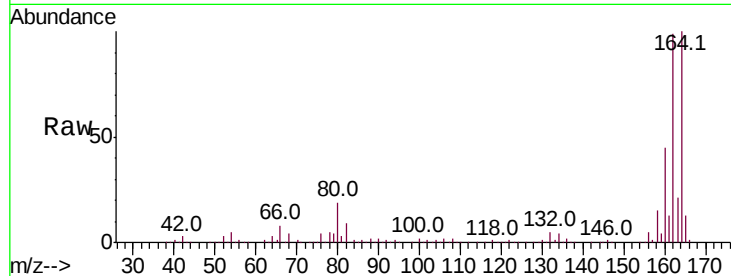
Tot Ion:164 Resp: 368962

Ion Ratio Lower Upper

164 100

162 98.9 81.3 121.9

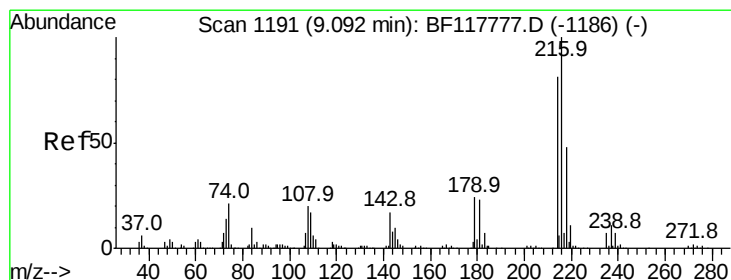
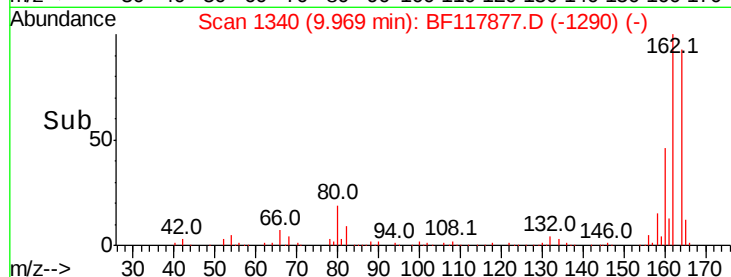
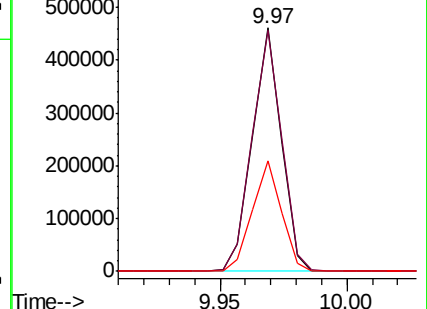
160 45.2 36.6 55.0



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: 43.134 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Tgt Ion:216 Resp: 462184

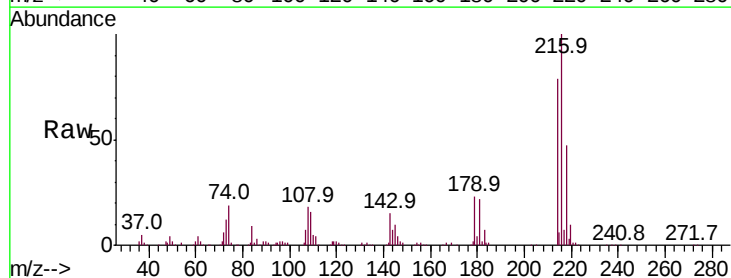
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.0

179 22.9 18.2 27.4

108 18.5 16.0 24.0

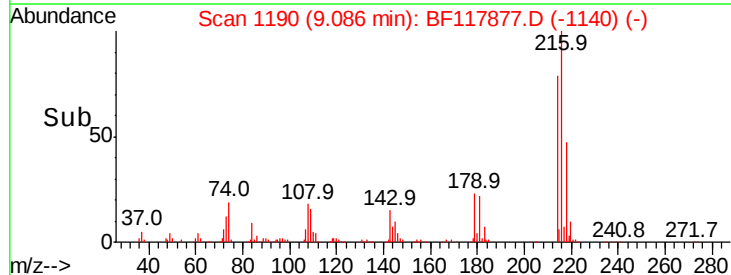
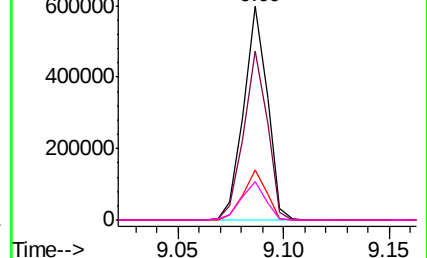


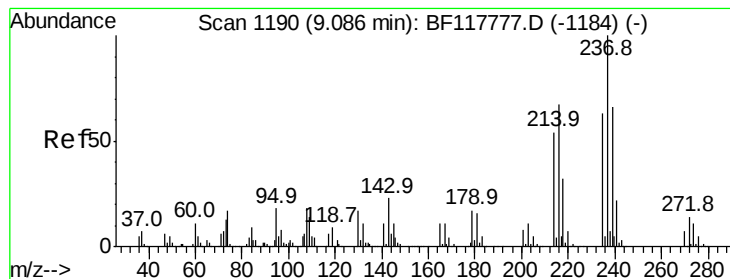
Abundance Ion 216.00 (215.70 to 216.70): E

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: 8.062 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

ClientSampled :

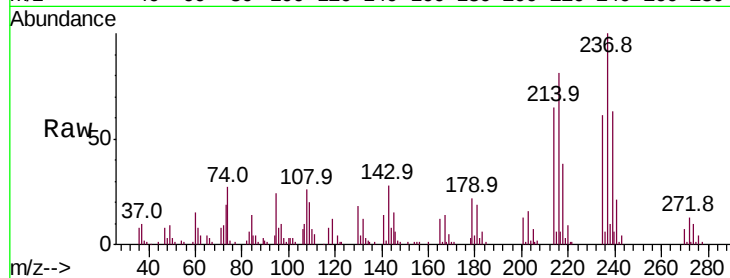
Tot Ion: 237 Resp: 48407

Ion Ratio Lower Upper

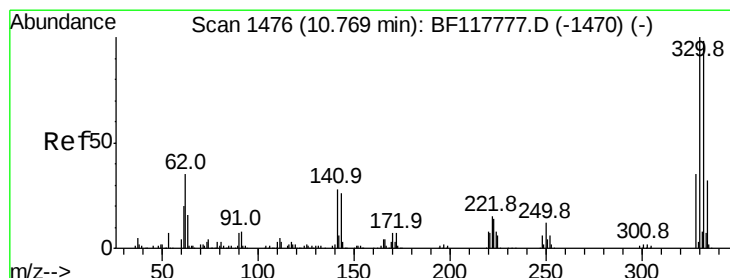
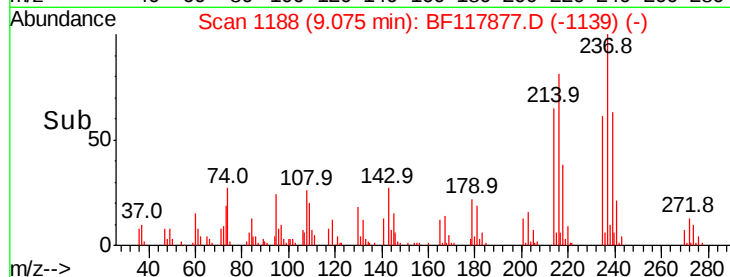
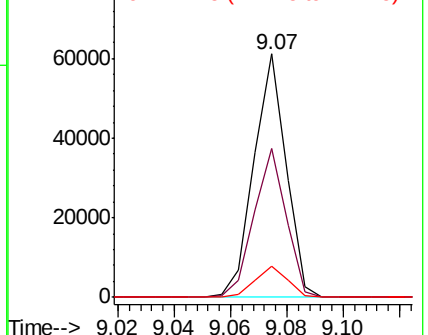
237 100

235 61.4 42.6 82.6

272 13.0 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: 72.673 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

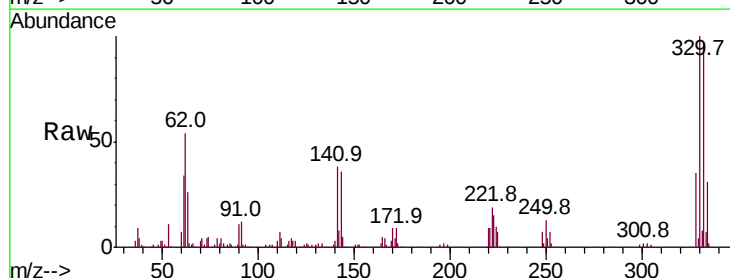
Tgt Ion: 330 Resp: 283874

Ion Ratio Lower Upper

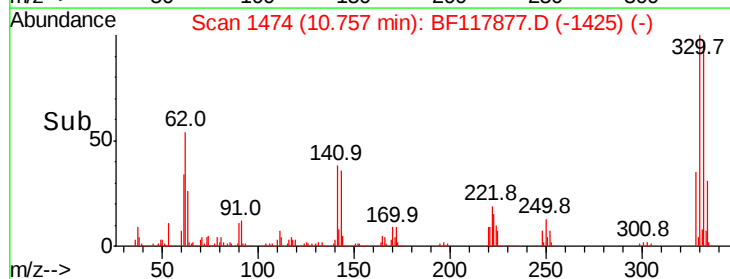
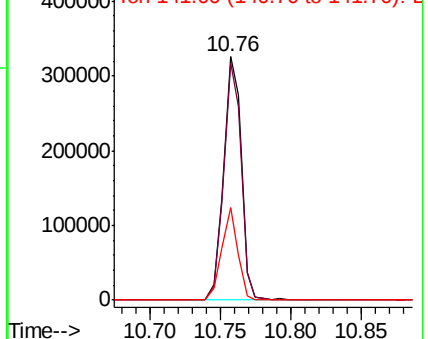
330 100

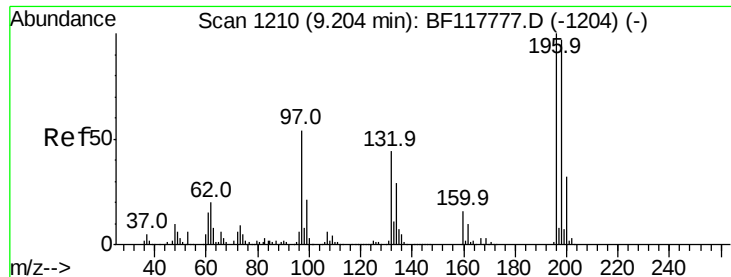
332 96.4 76.7 115.1

141 34.6 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

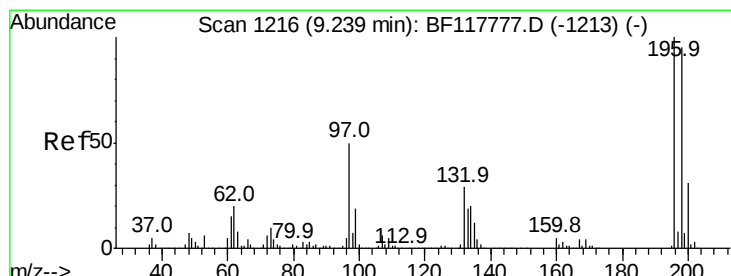
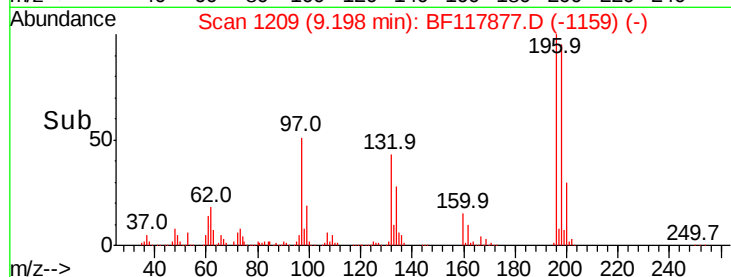
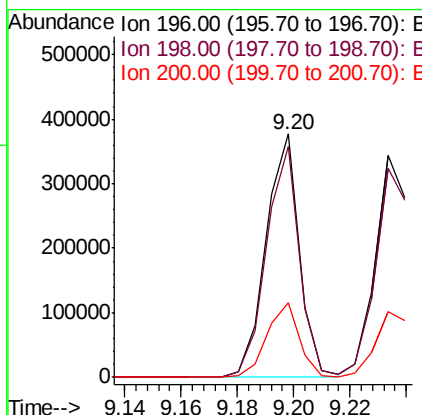
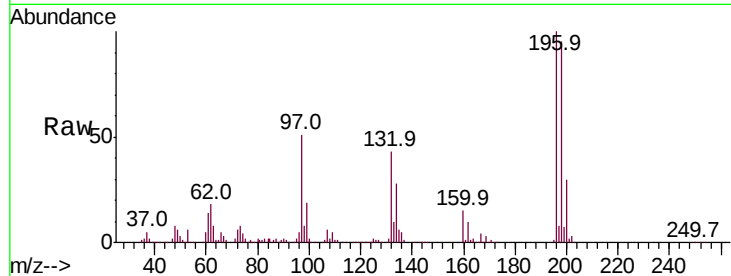




#43
 2,4,6-Trichlorophenol
 Concen: 40.112 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF117877.D
 Acq: 20 Nov 2019 2:32

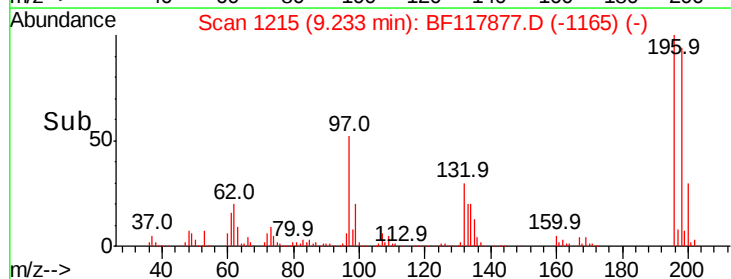
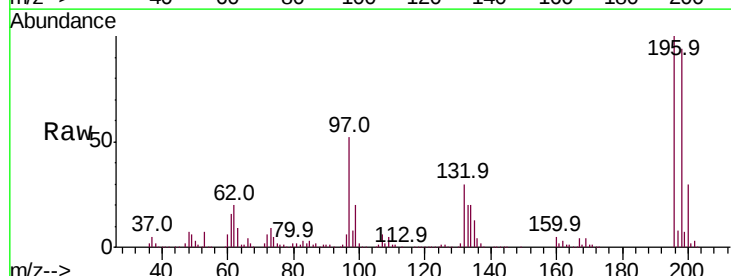
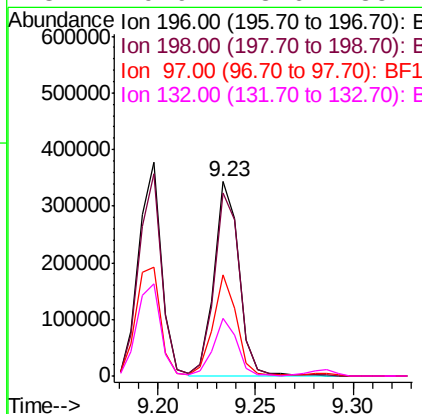
Instrument :
 BNA_F
 ClientSampled :

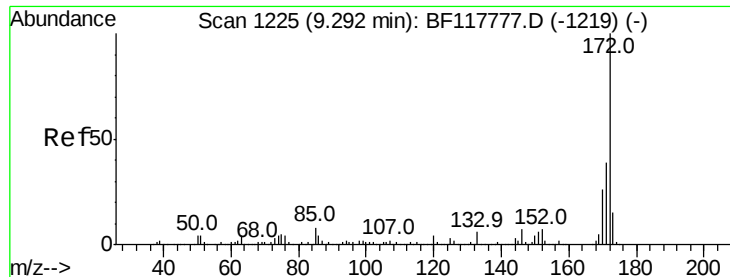
Tot Ion	196	Resp	307848
Ion Ratio	Lower	Upper	
196	100		
198	94.7	77.8	116.6
200	30.4	25.4	38.0



#44
 2,4,5-Trichlorophenol
 Concen: 38.047 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF117877.D
 Acq: 20 Nov 2019 2:32

Tgt Ion	196	Resp	303177
Ion Ratio	Lower	Upper	
196	100		
198	94.3	76.3	114.5
97	51.8	40.0	60.0
132	29.9	23.6	35.4

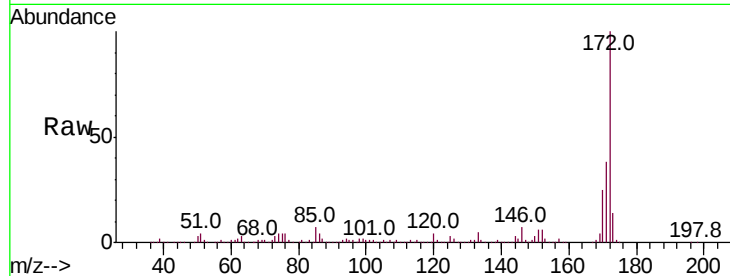




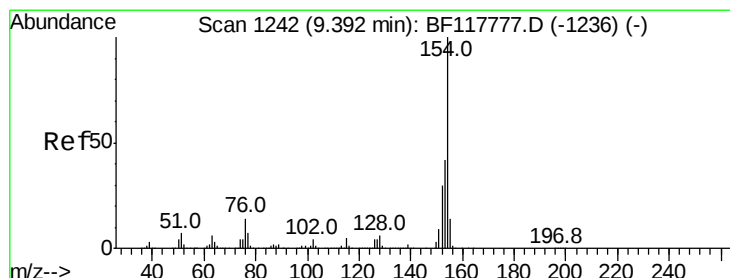
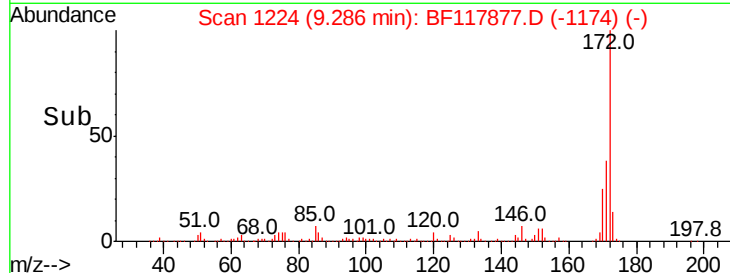
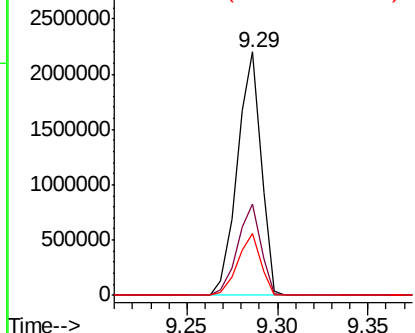
#45
2-Fluorobiphenyl
Concen: 97.253 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2000100
Ion Ratio Lower Upper
172 100
171 37.6 30.9 46.3
170 25.5 21.0 31.4

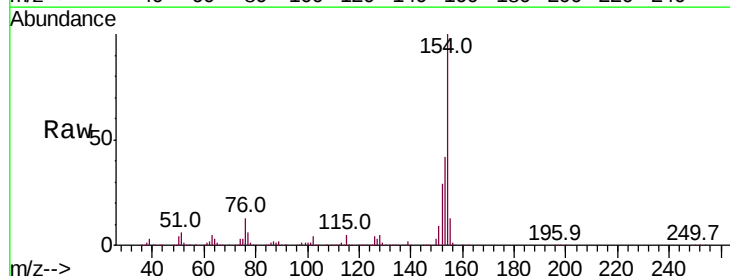


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

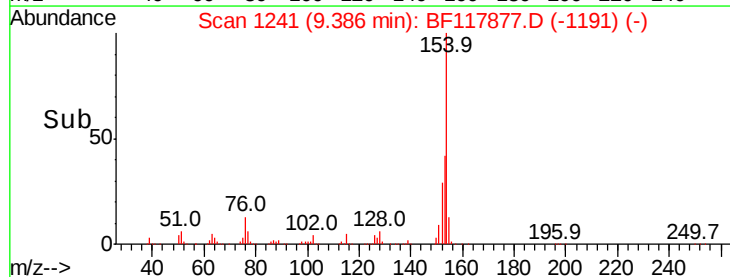
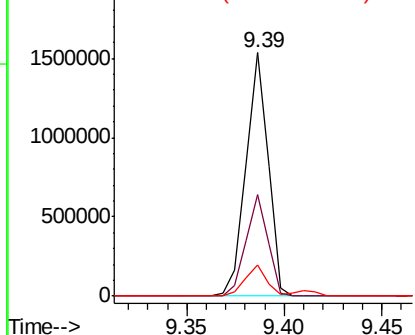


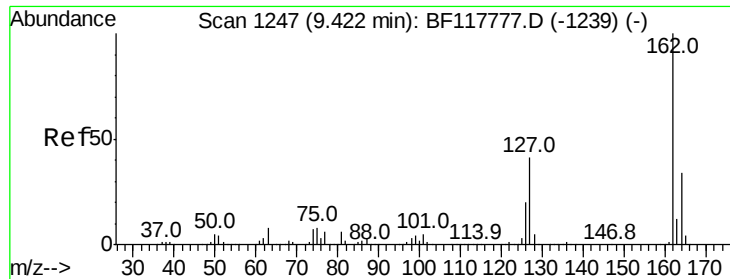
#46
1,1'-Biphenyl
Concen: 44.210 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion:154 Resp: 1210181
Ion Ratio Lower Upper
154 100
153 41.7 21.9 61.9
76 12.6 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

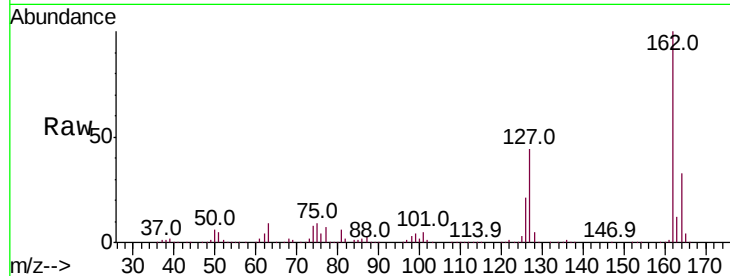




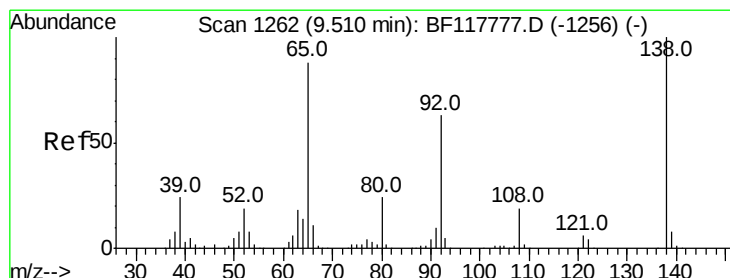
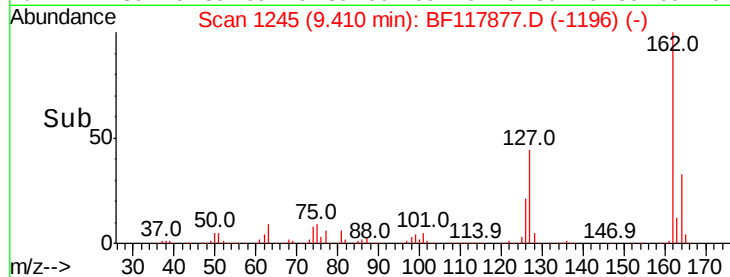
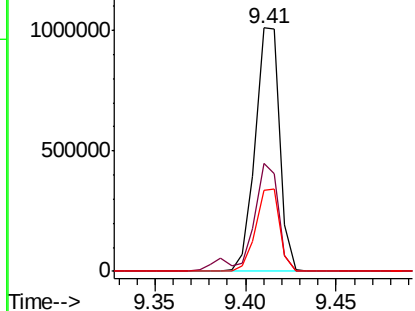
#47
 2-Chloronaphthalene
 Concen: 42.218 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BF117877.D
 Acq: 20 Nov 2019 2:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	44.1	33.2	49.8
164	33.1	27.3	40.9

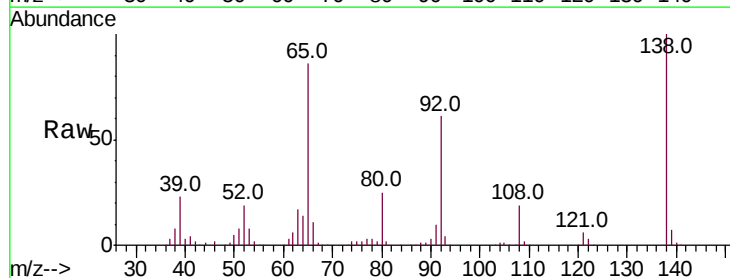


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

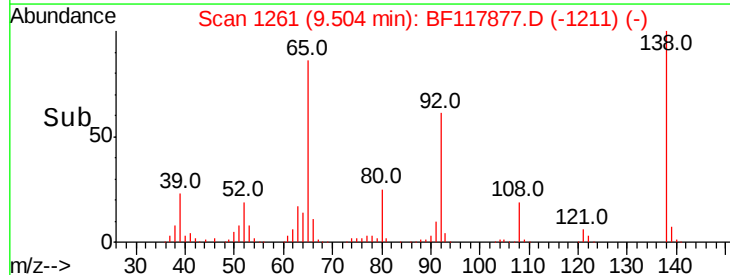
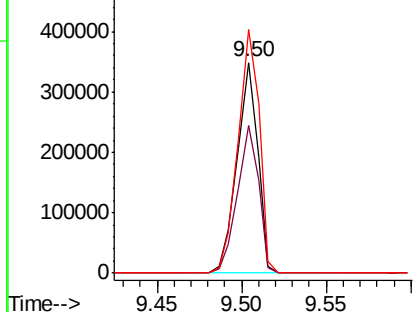


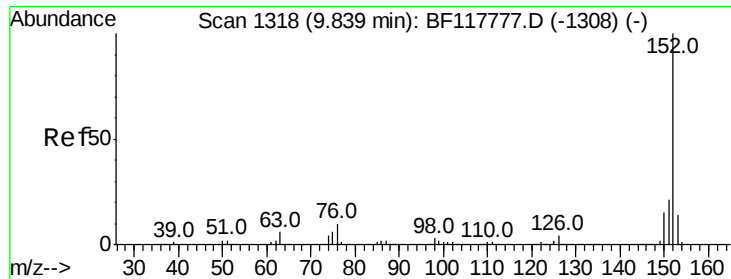
#48
 2-Nitroaniline
 Concen: 43.844 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BF117877.D
 Acq: 20 Nov 2019 2:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.2	56.6	84.8
138	115.7	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: 41.523 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

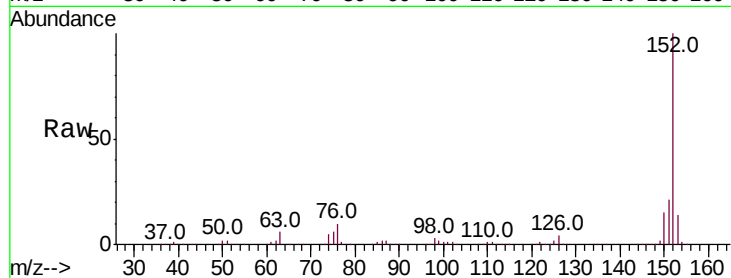
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1363269

Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.0	25.6
153	13.8	11.0	16.6

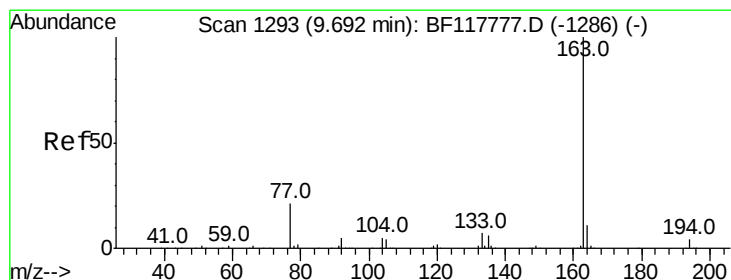
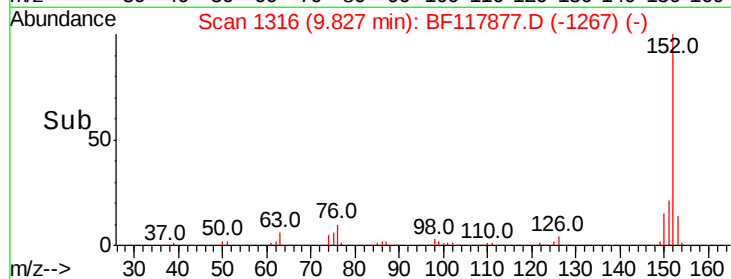
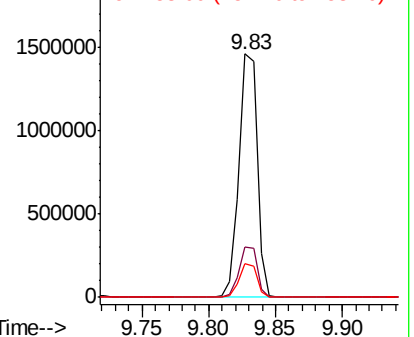


Abundance

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: 42.670 ng

RT: 9.69 min Scan# 1292

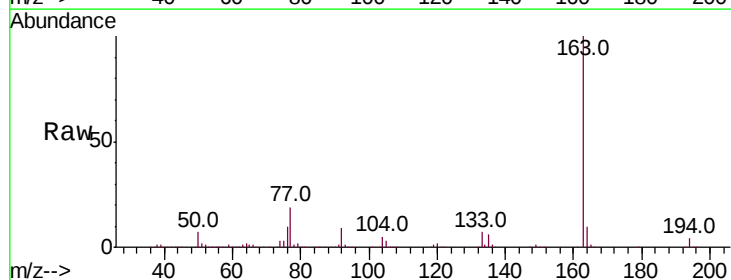
Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Tgt Ion:163 Resp: 1104011

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.1	8.7	13.1

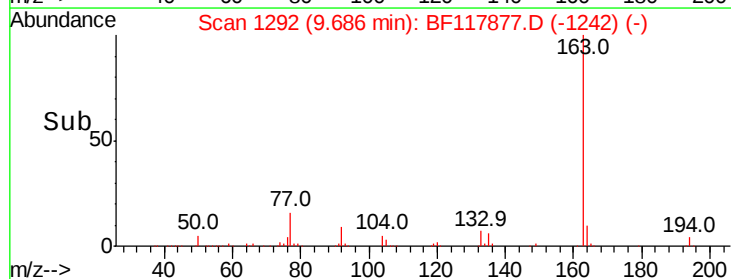
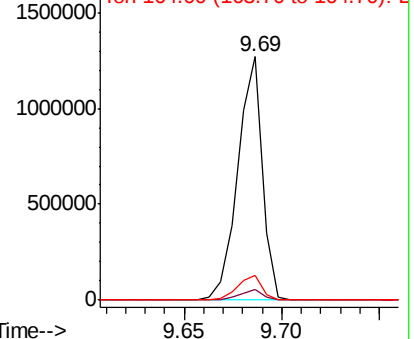


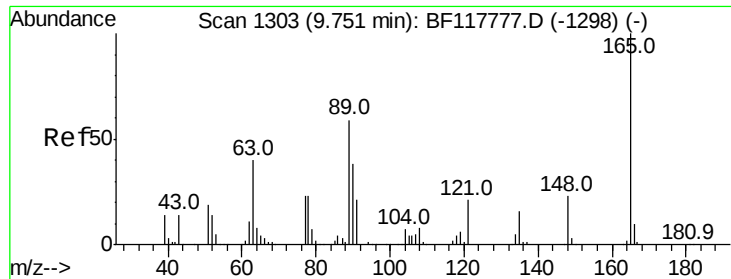
Abundance

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: 38.436 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

ClientSampled :

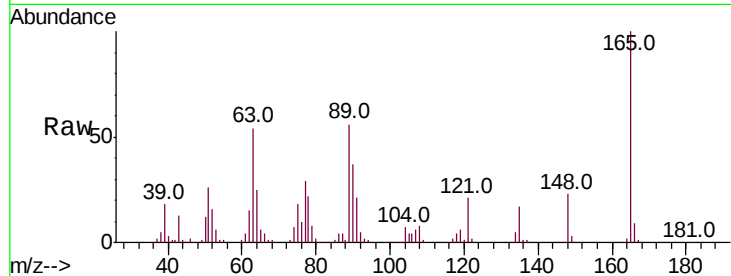
Tot Ion:165 Resp: 217343

Ion Ratio Lower Upper

165 100

63 54.3 46.0 69.0

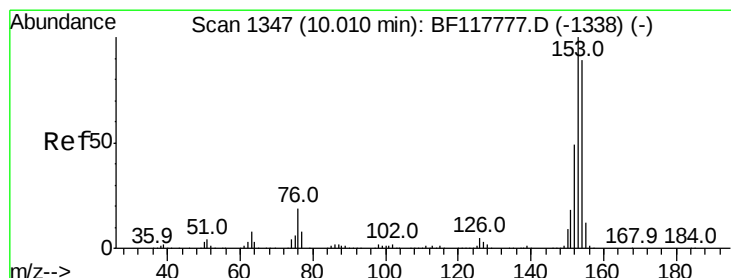
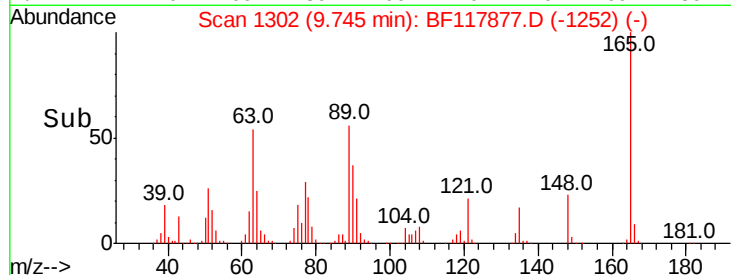
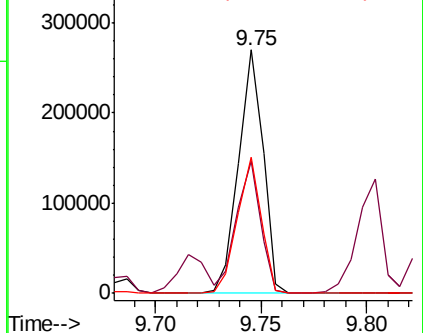
89 55.9 47.7 71.5



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: 37.859 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

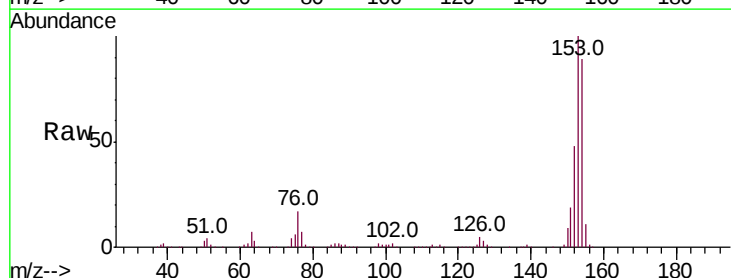
Tgt Ion:154 Resp: 796237

Ion Ratio Lower Upper

154 100

153 112.5 90.1 135.1

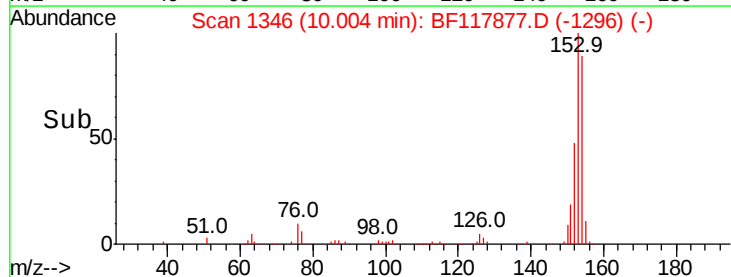
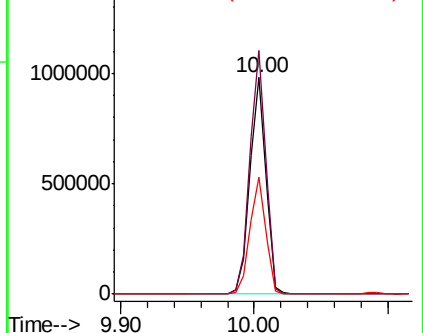
152 54.2 44.0 66.0

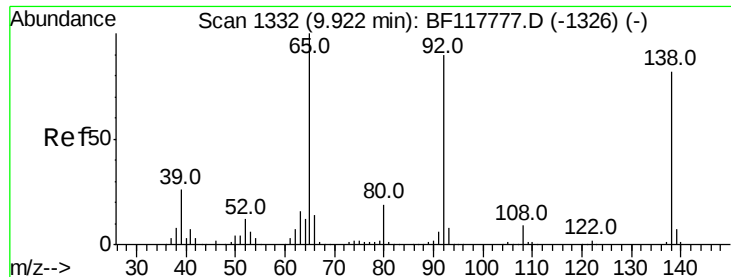


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

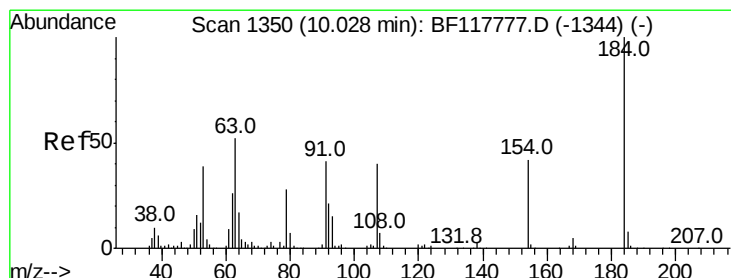
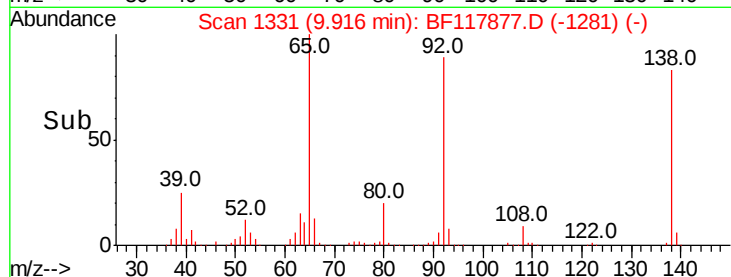
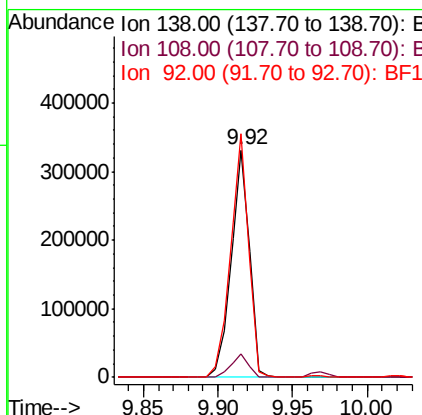
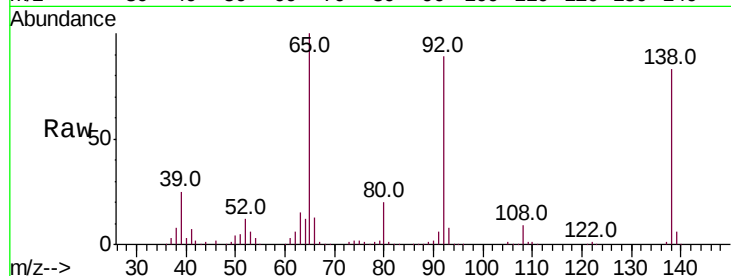




#53
 3-Nitroaniline
 Concen: 42.358 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF117877.D
 Acq: 20 Nov 2019 2:32

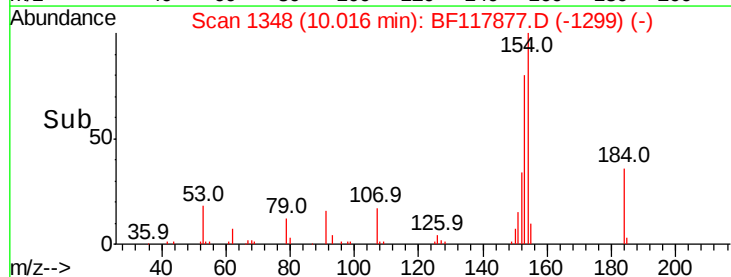
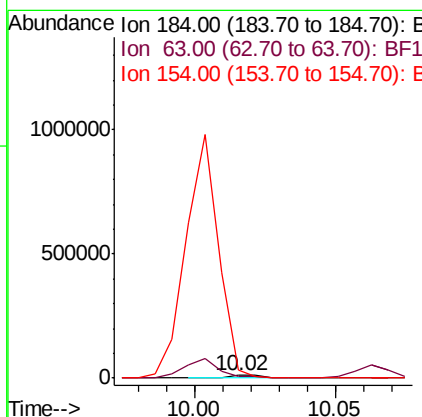
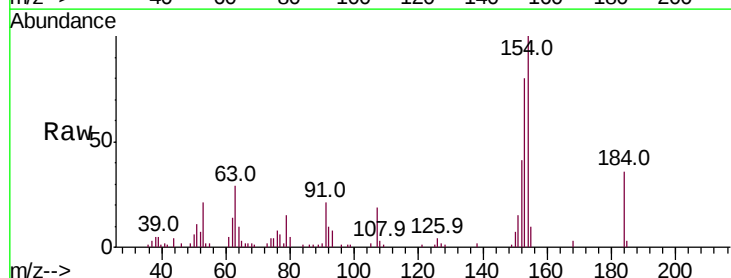
Instrument :
 BNA_F
 ClientSampleId :

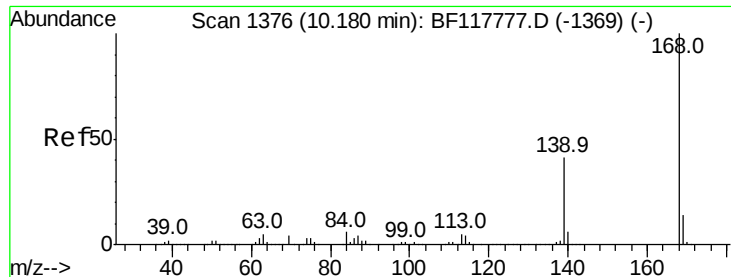
Tot Ion:138 Resp: 286602
 Ion Ratio Lower Upper
 138 100
 108 10.3 8.6 12.8
 92 107.2 87.9 131.9



#54
 2,4-Dinitrophenol
 Concen: 10.678 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF117877.D
 Acq: 20 Nov 2019 2:32

Tgt Ion:184 Resp: 11030
 Ion Ratio Lower Upper
 184 100
 63 80.2 43.0 64.6#
 154 275.0 48.0 72.0#





#55

Dibenzenofuran

Concen: 39.881 ng

RT: 10.17 min Scan# 1375

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

ClientSampleId :

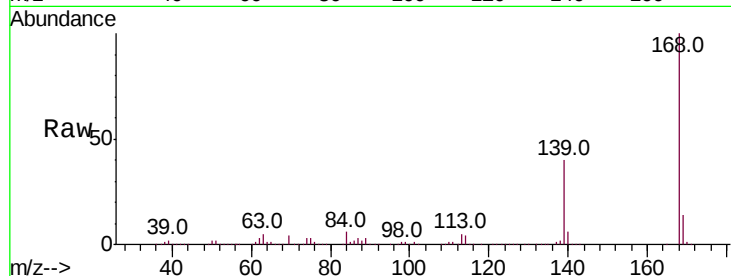
Tot Ion:168 Resp: 1161481

Ion	Ratio	Lower	Upper
168	100		
139	40.2	33.0	49.6
169	13.6	11.5	17.3

168 100

139 40.2 33.0 49.6

169 13.6 11.5 17.3

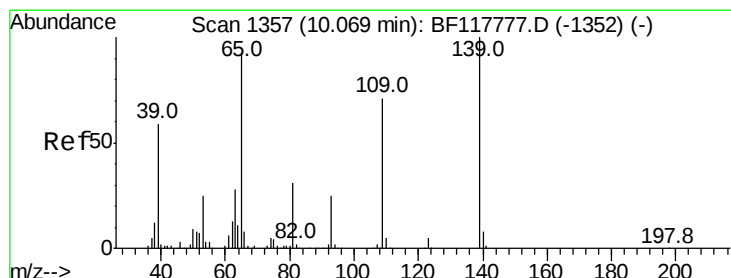
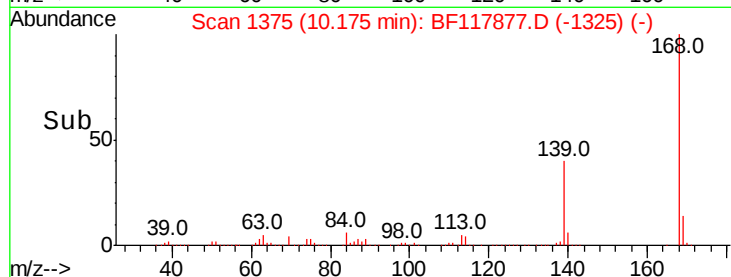
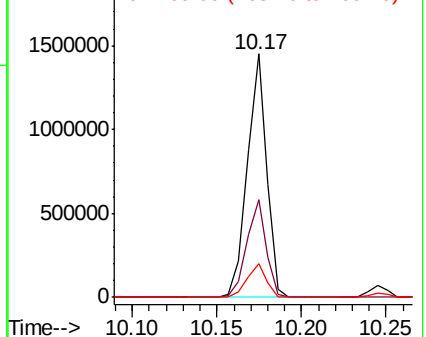


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 33.920 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

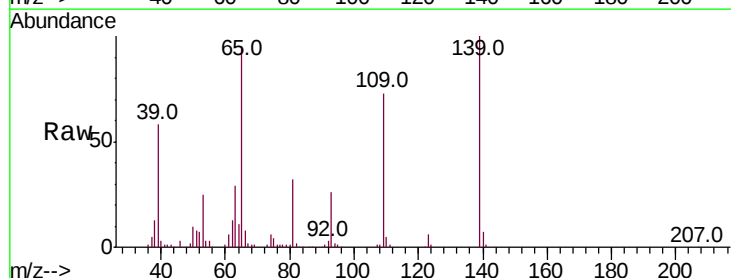
Tgt Ion:139 Resp: 171314

Ion	Ratio	Lower	Upper
139	100		
109	72.5	50.8	90.8
65	94.8	73.6	113.6

139 100

109 72.5 50.8 90.8

65 94.8 73.6 113.6

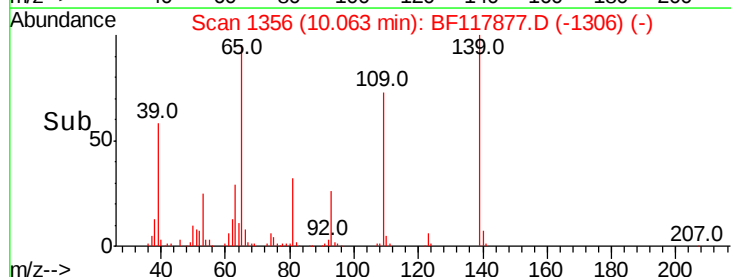
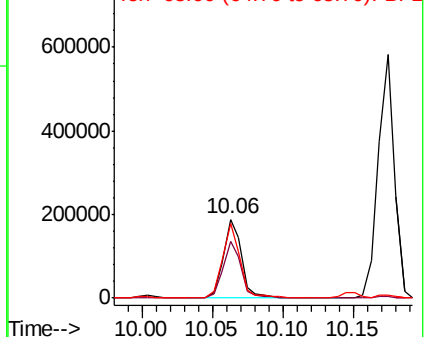


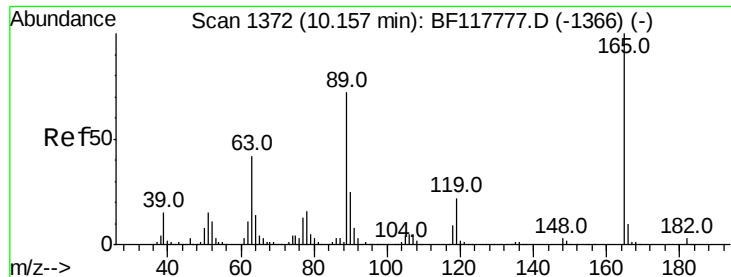
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

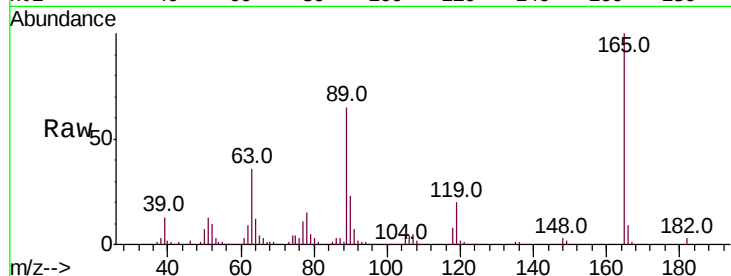




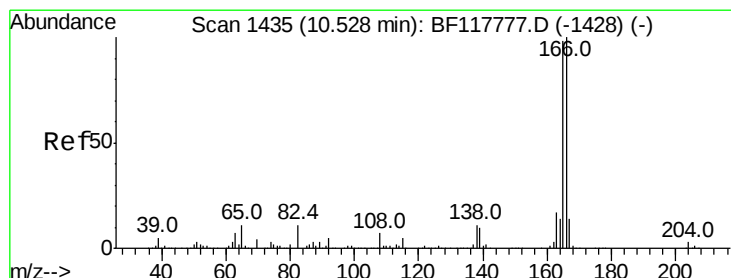
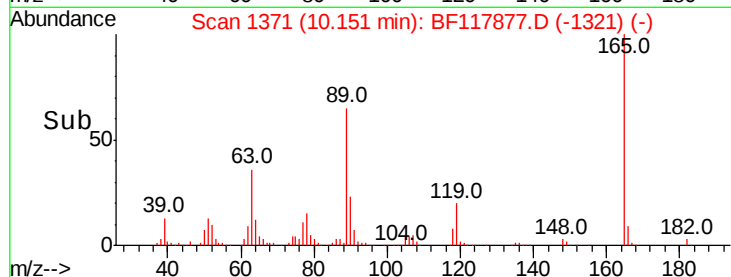
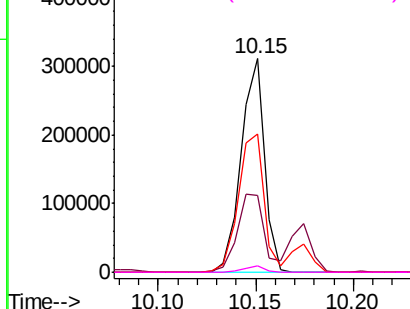
#57
 2,4-Dinitrotoluene
 Concen: 35.859 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: BF117877.D
 Acq: 20 Nov 2019 2:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.9	33.7	50.5
89	65.0	57.3	85.9
182	2.9	2.3	3.5

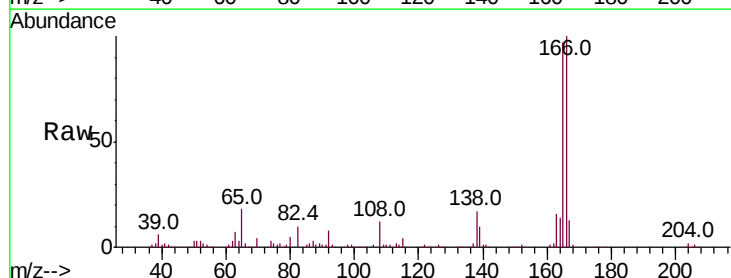


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

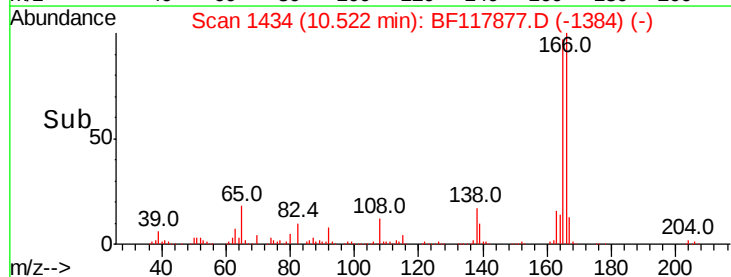
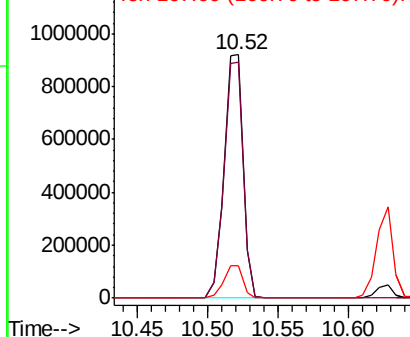


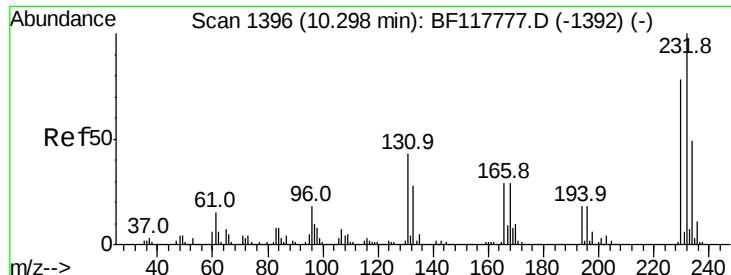
#58
 Fluorene
 Concen: 38.188 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF117877.D
 Acq: 20 Nov 2019 2:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.4	117.6
167	13.2	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

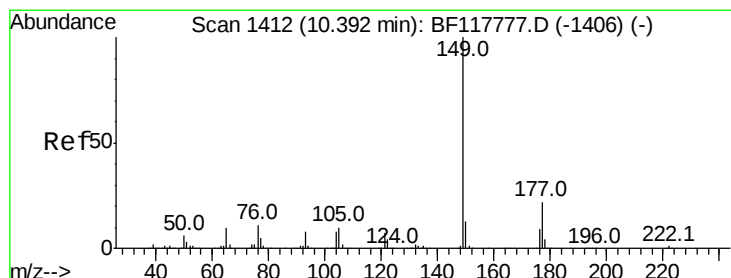
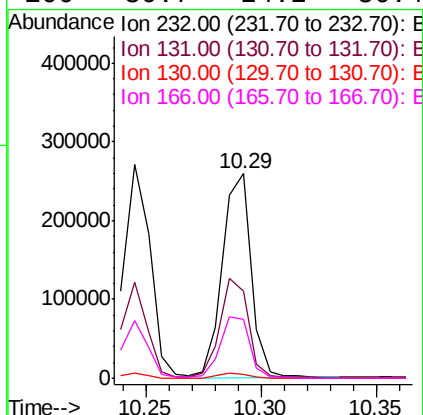
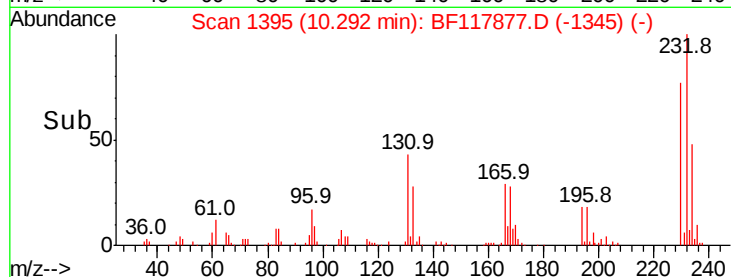
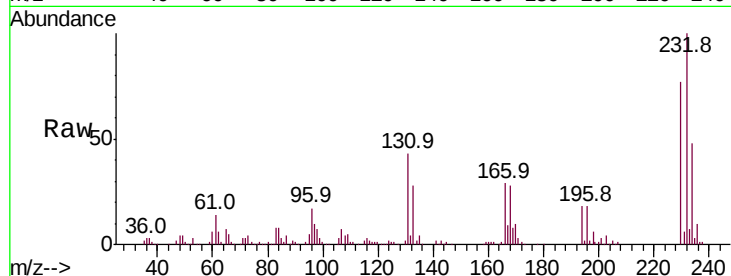




#59
2,3,4,6-Tetrachlorophenol
Concen: 34.335 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

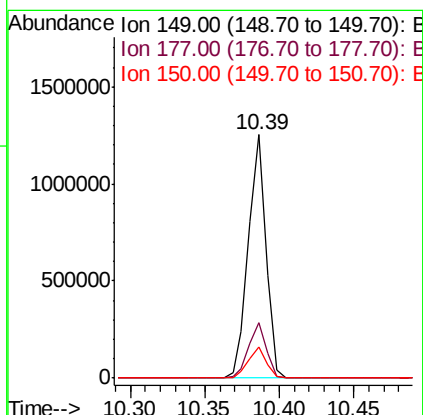
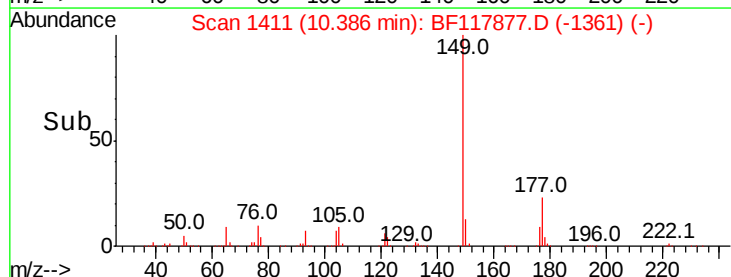
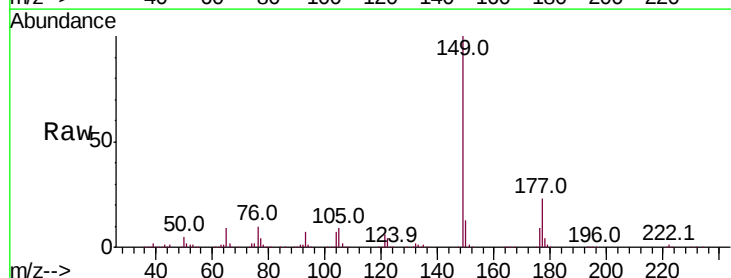
Instrument :
BNA_F
ClientSampled :

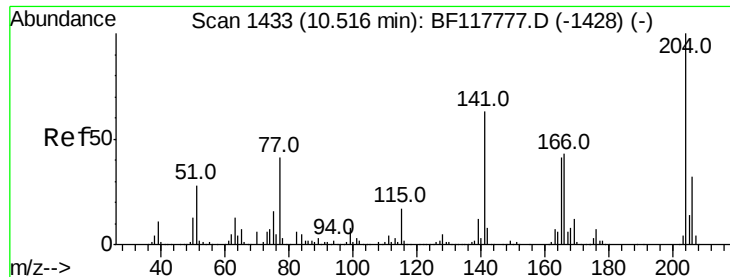
Tot Ion	Ratio	Lower	Upper
232	100		
131	49.2	37.6	56.4
130	2.4	1.9	2.9
166	30.7	24.2	36.4



#60
Diethylphthalate
Concen: 40.780 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.0	27.0
150	12.9	10.5	15.7

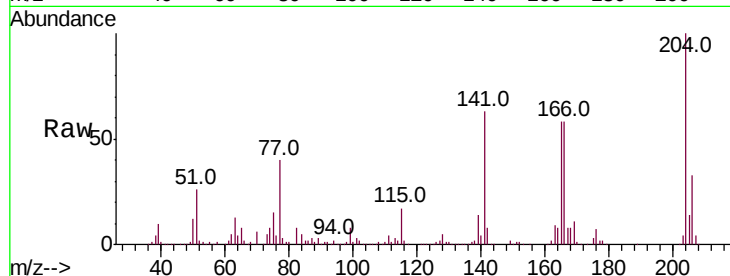




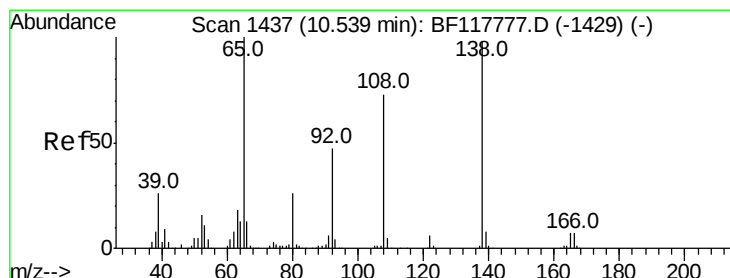
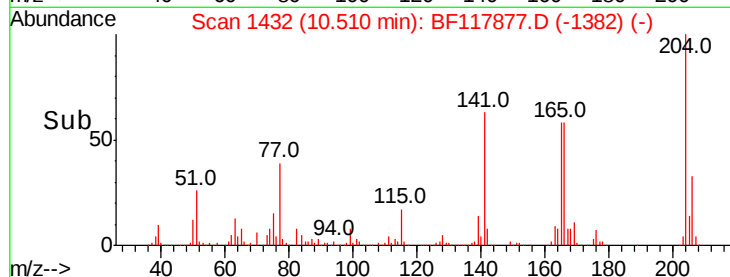
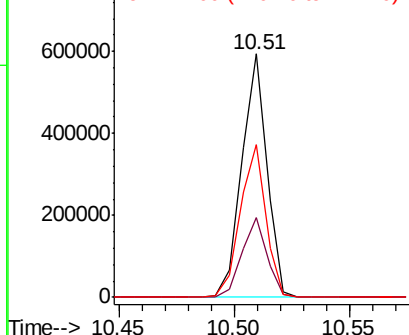
#61
4-Chlorophenyl-phenylether
Concen: 39.559 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 453087
Ion Ratio Lower Upper
204 100
206 33.0 25.6 38.4
141 62.7 50.7 76.1

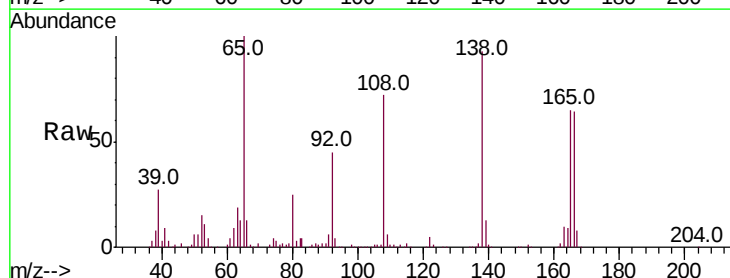


Abundance Ion 204.00 (203.70 to 204.70): E
800000
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

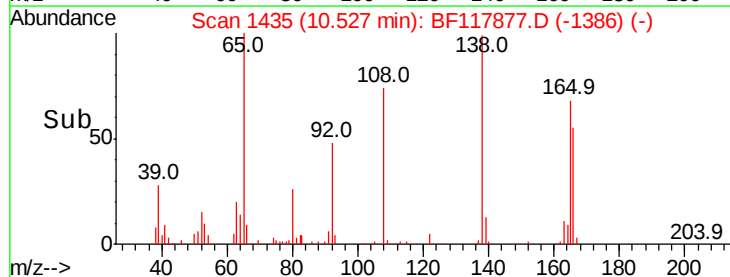
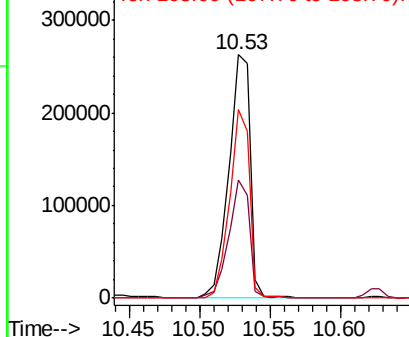


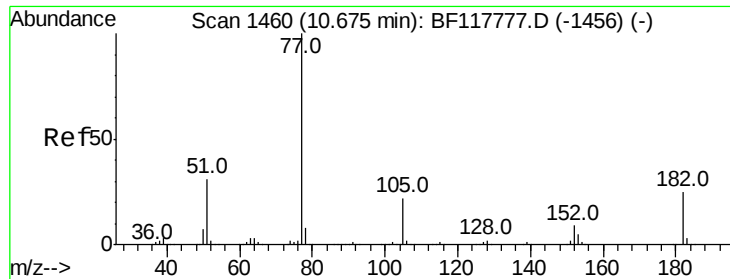
#62
4-Nitroaniline
Concen: 40.718 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion:138 Resp: 275855
Ion Ratio Lower Upper
138 100
92 48.8 28.3 68.3
108 77.6 54.3 94.3



Abundance Ion 138.00 (137.70 to 138.70): E
300000
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.741 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 866112

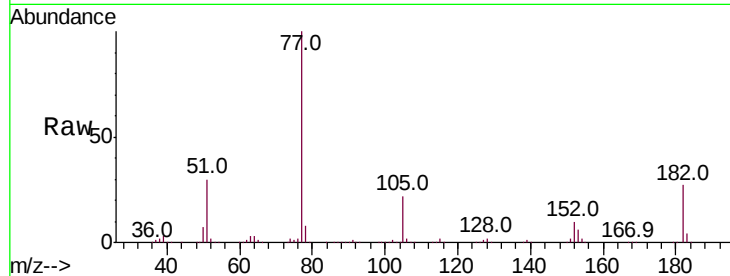
Ion Ratio Lower Upper

77 100

182 27.0 4.8 44.8

105 22.4 2.1 42.1

51 29.6 11.4 51.4

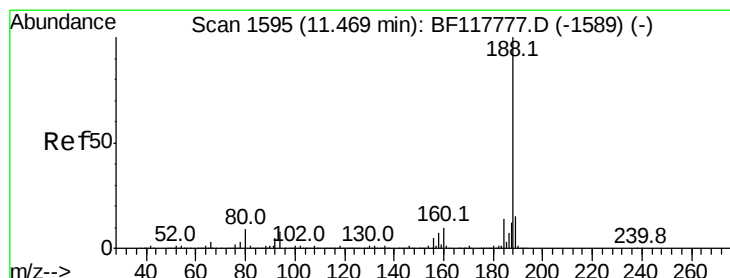
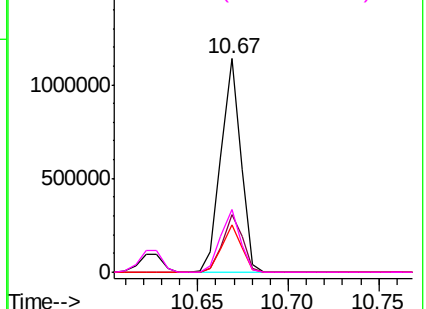
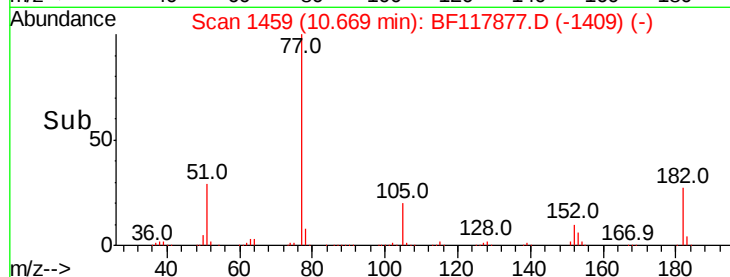


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

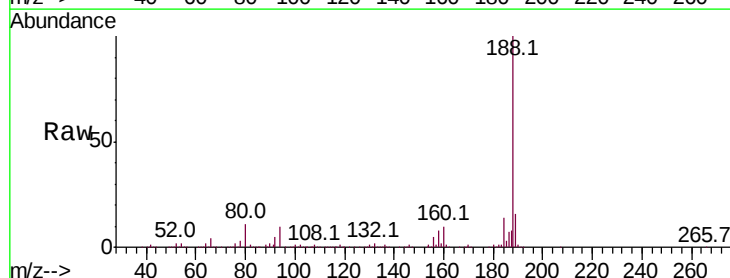
Tgt Ion: 188 Resp: 608245

Ion Ratio Lower Upper

188 100

94 9.8 6.6 10.0

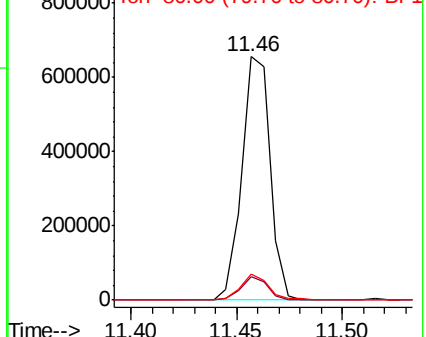
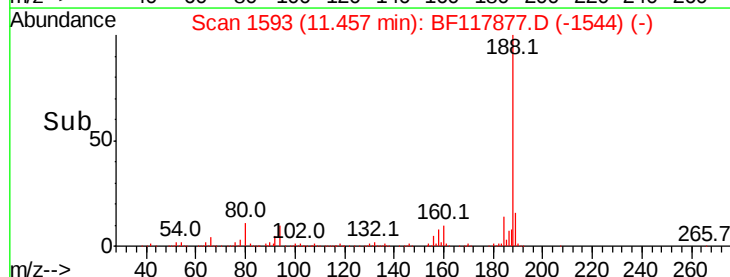
80 10.9 7.2 10.8#

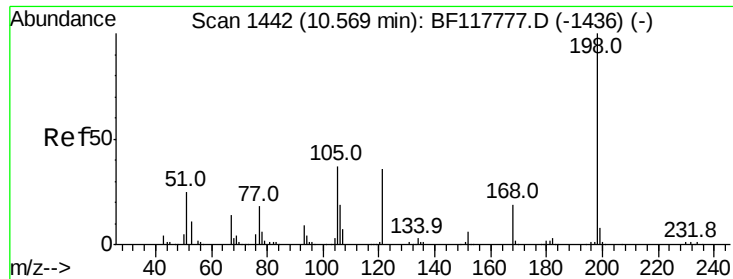


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 7.647 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

ClientSampleId :

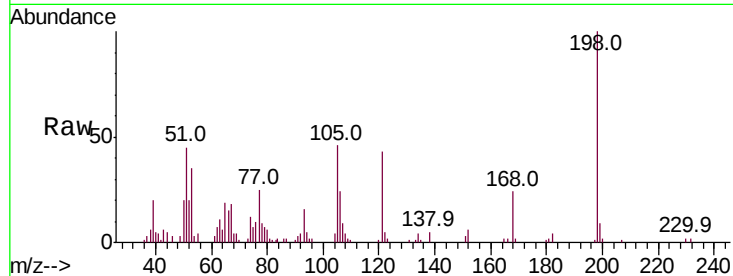
Tot Ion:198 Resp: 21714

Ion Ratio Lower Upper

198 100

51 45.1 16.0 56.0

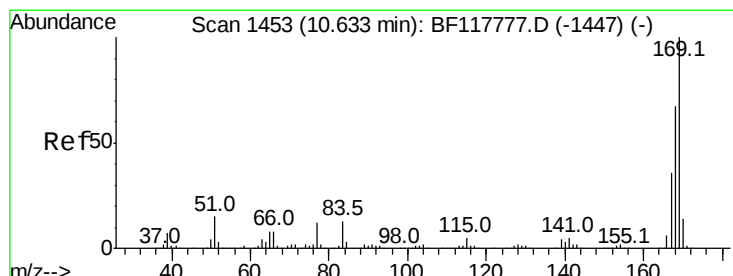
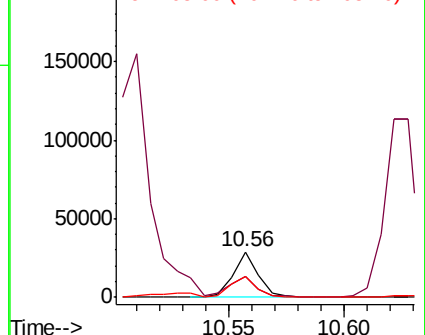
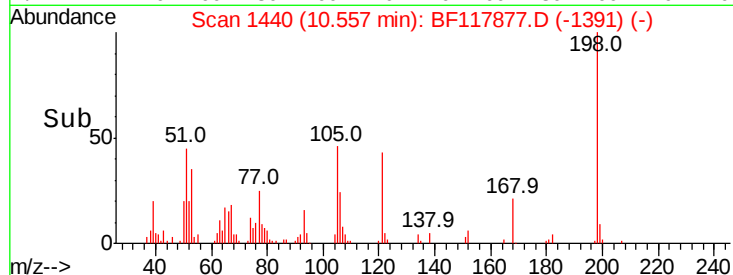
105 46.0 19.1 59.1



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: 43.469 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

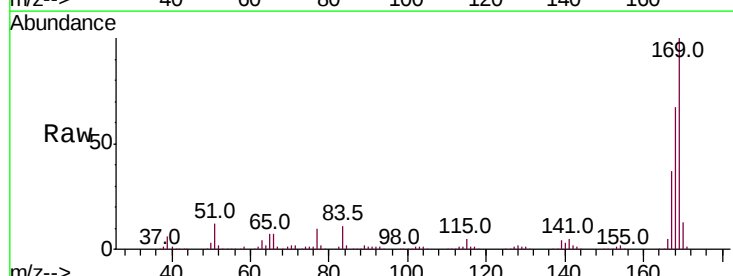
Tgt Ion:169 Resp: 769474

Ion Ratio Lower Upper

169 100

168 67.0 53.5 80.3

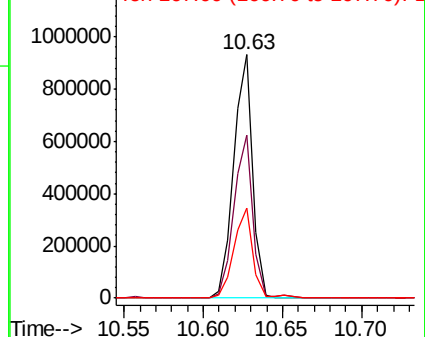
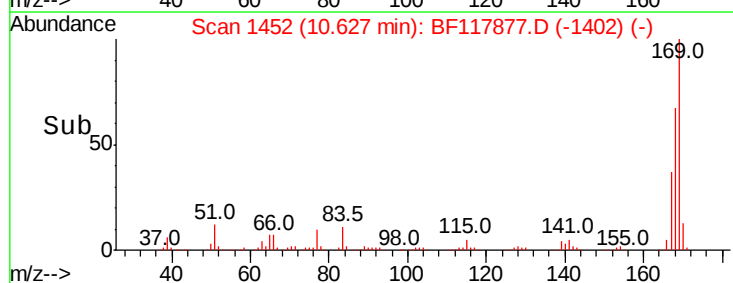
167 36.8 29.0 43.4

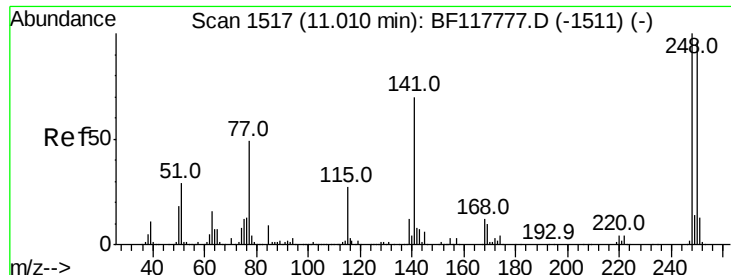


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

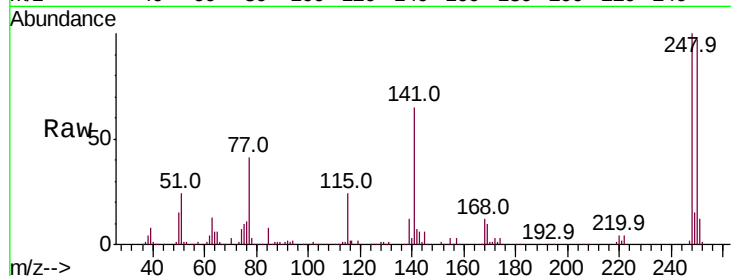




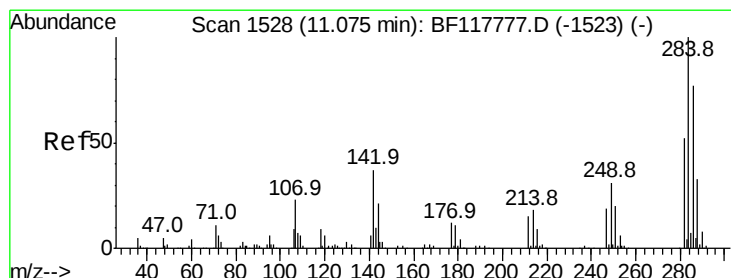
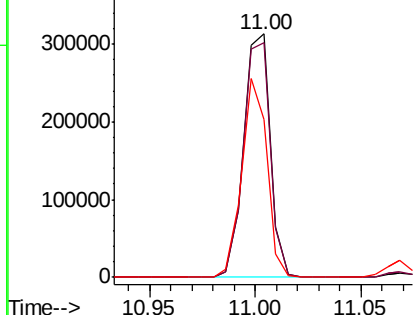
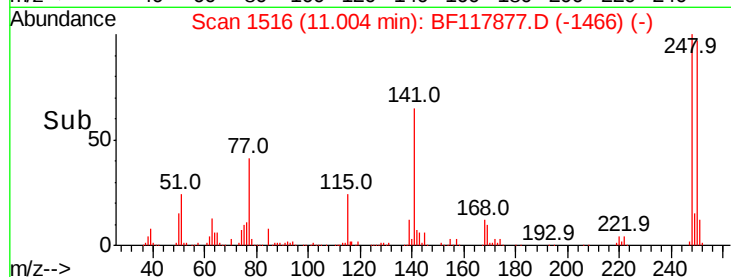
#67
4-Bromophenyl-phenylether
Concen: 41.679 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 273533
Ion Ratio Lower Upper
248 100
250 96.5 76.6 115.0
141 64.9 55.9 83.9

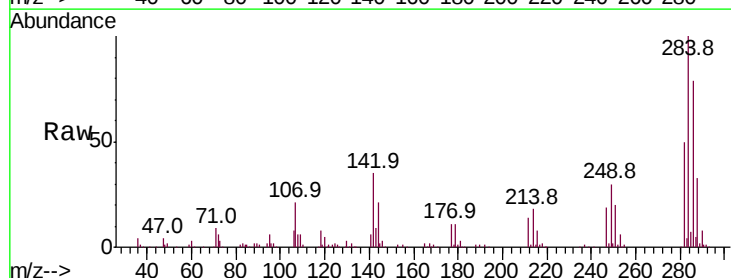


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

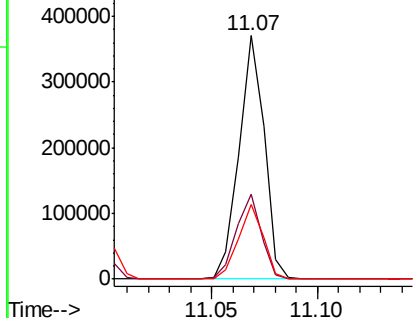
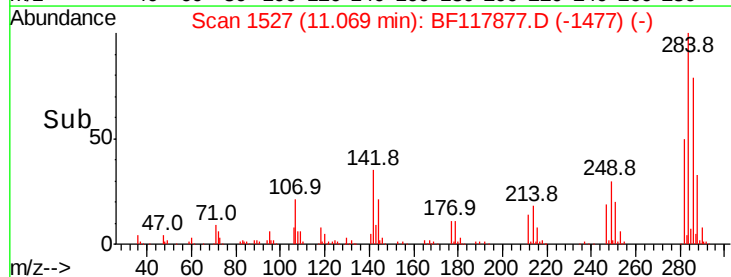


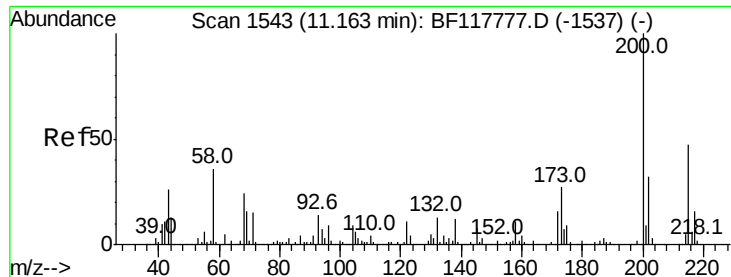
#68
Hexachlorobenzene
Concen: 39.900 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion:284 Resp: 305342
Ion Ratio Lower Upper
284 100
142 34.9 29.4 44.2
249 30.4 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

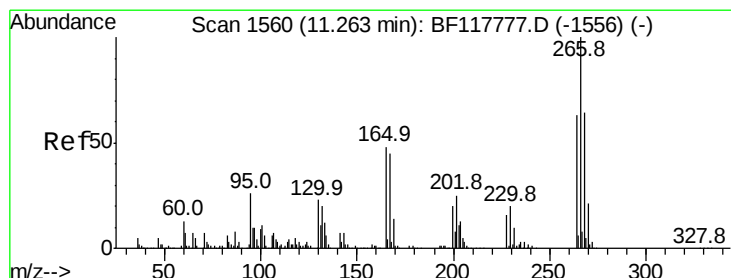
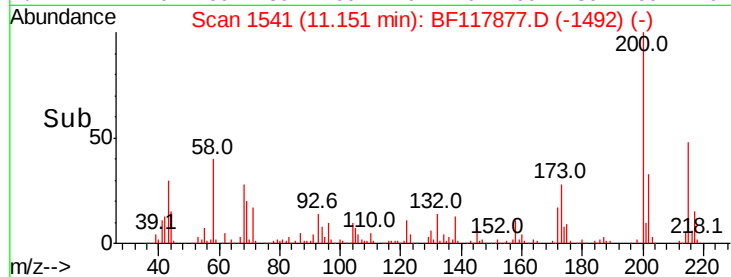
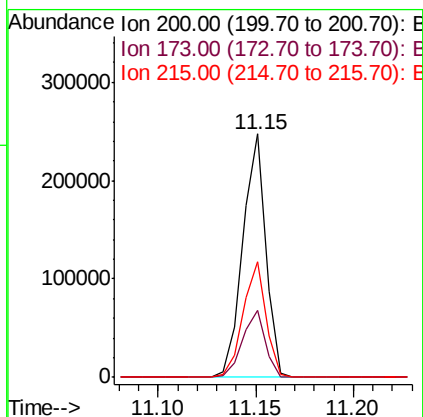
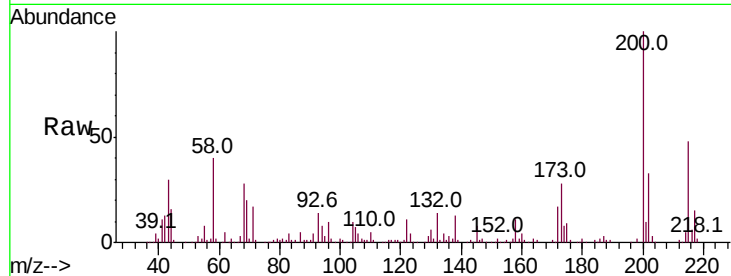




#69
 Atrazine
 Concen: 34.795 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. -0.01 min
 Lab File: BF117877.D
 Acq: 20 Nov 2019 2:32

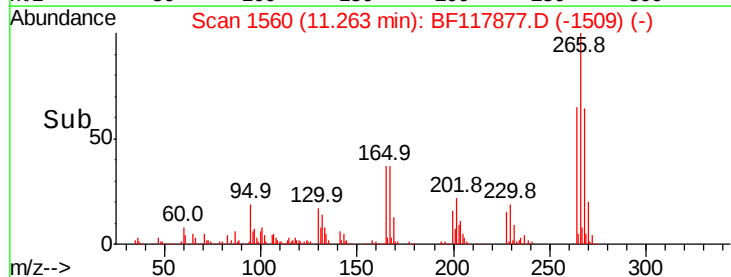
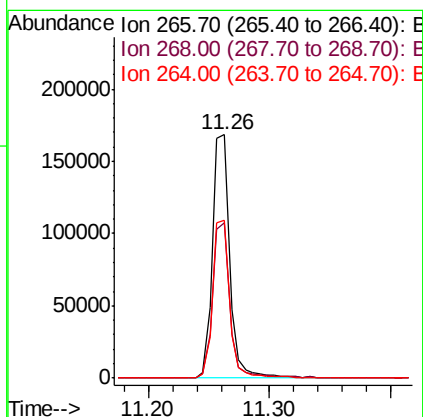
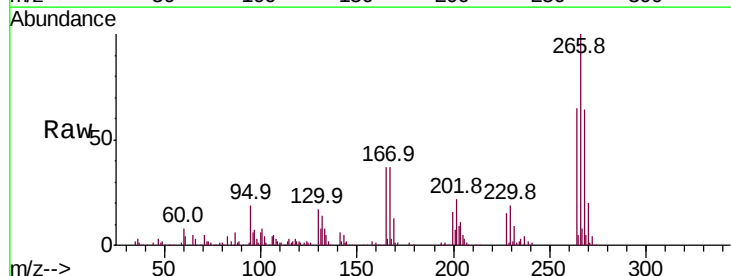
Instrument :
 BNA_F
 ClientSampleId :

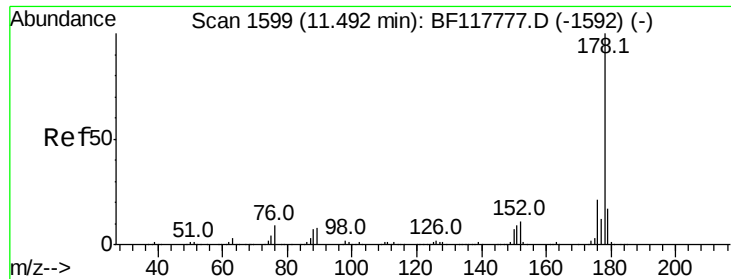
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	6.7	46.7
215	47.7	27.5	67.5



#70
 Pentachlorophenol
 Concen: 37.098 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF117877.D
 Acq: 20 Nov 2019 2:32

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	50.8	76.2
264	64.6	50.7	76.1





#71

Phenanthrene

Concen: 41.009 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

ClientSampleId :

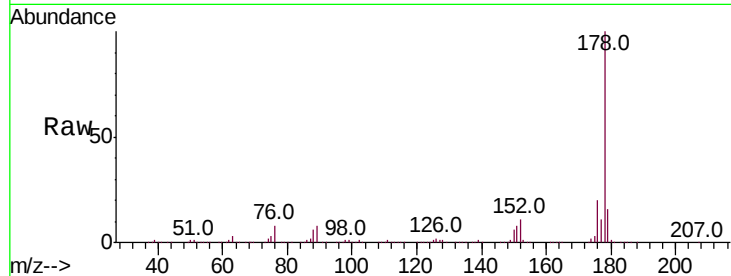
Tot Ion:178 Resp: 1254079

Ion Ratio Lower Upper

178 100

176 19.8 16.6 25.0

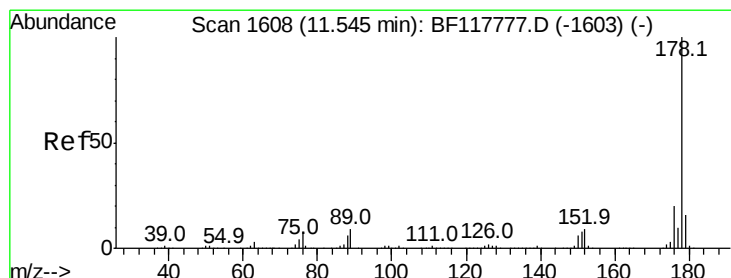
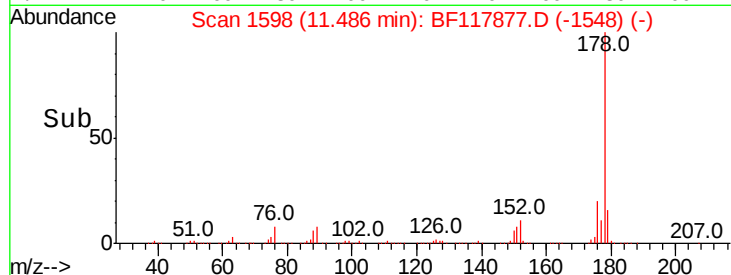
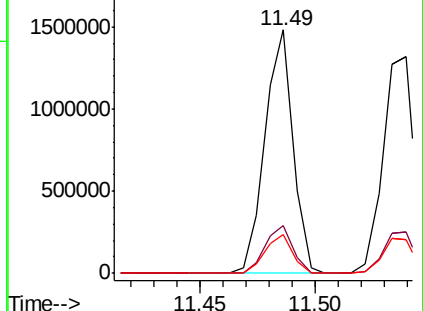
179 15.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.835 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

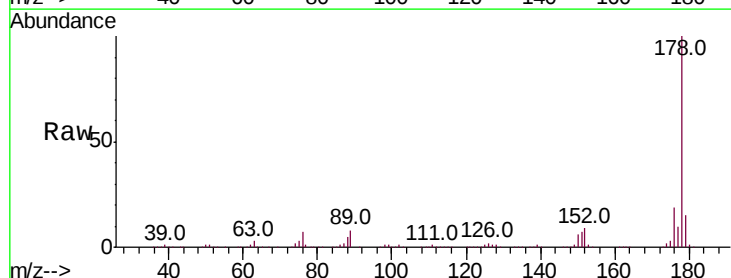
Tgt Ion:178 Resp: 1238122

Ion Ratio Lower Upper

178 100

176 18.9 16.1 24.1

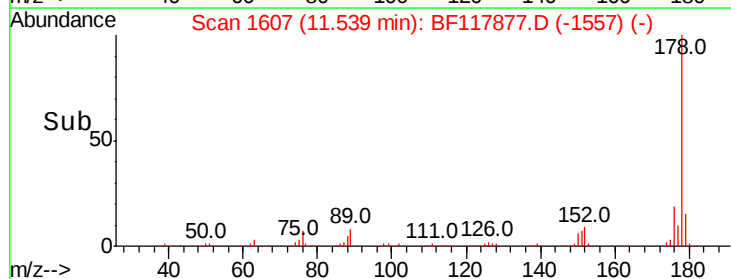
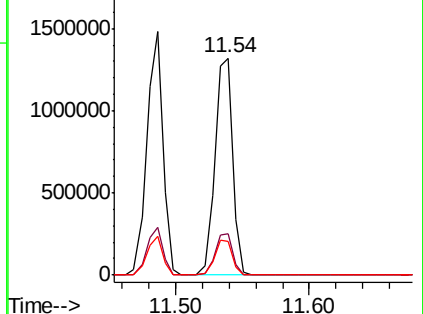
179 15.4 13.0 19.4

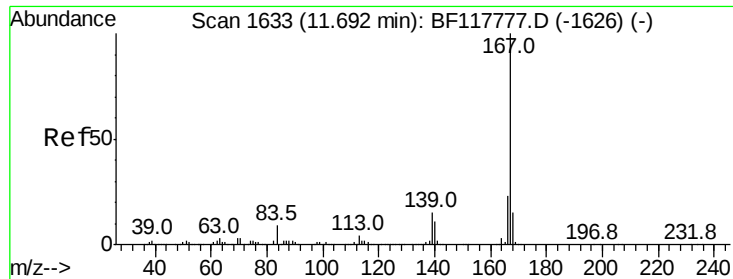


Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



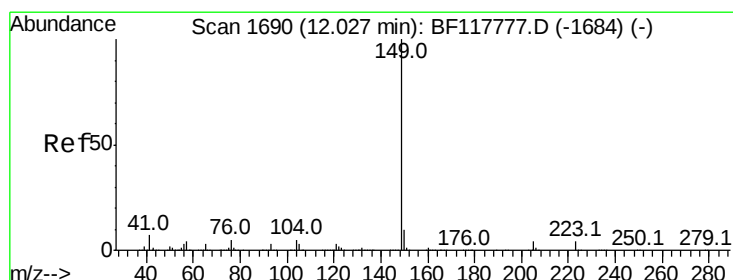
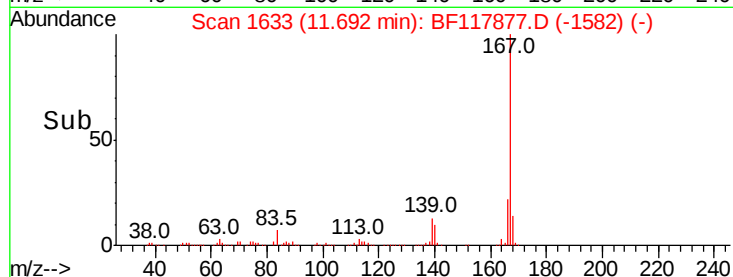
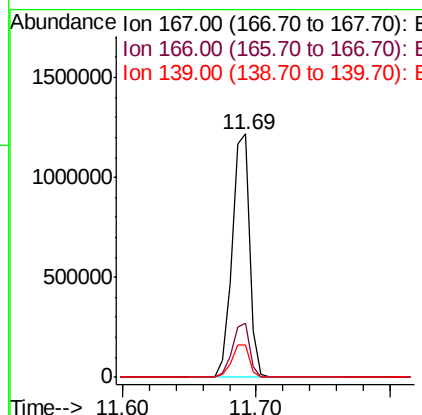
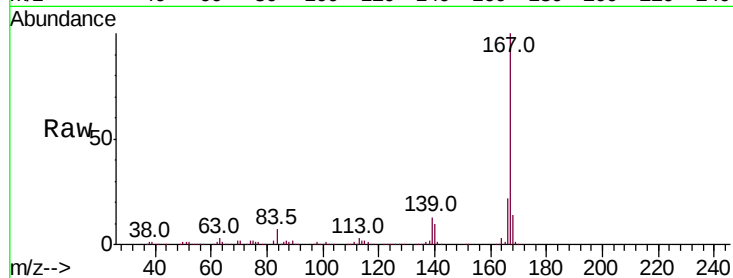


#73
 Carbazole
 Concen: 42.689 ng
 RT: 11.69 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BF117877.D
 Acq: 20 Nov 2019 2:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1131046

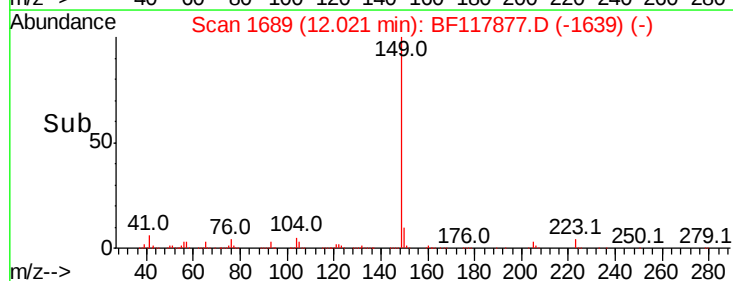
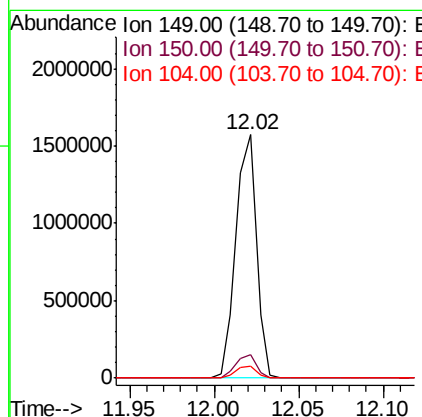
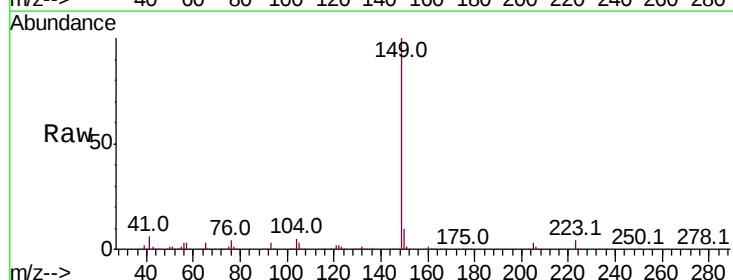
Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.0	27.0
139	13.1	11.7	17.5

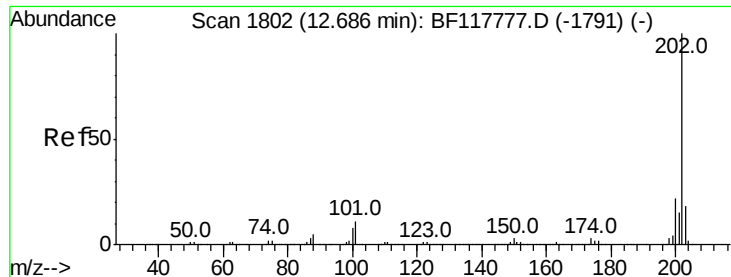


#74
 Di-n-butylphthalate
 Concen: 40.320 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF117877.D
 Acq: 20 Nov 2019 2:32

Tgt Ion:149 Resp: 1330104

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.9	11.9
104	4.9	4.2	6.4





#75

Fluoranthene

Concen: 47.267 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

ClientSampleId :

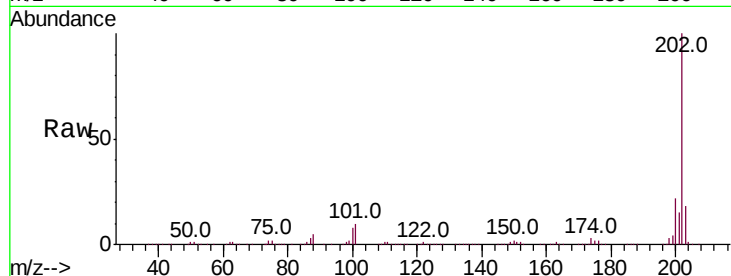
Tot Ion:202 Resp: 1305712

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.1

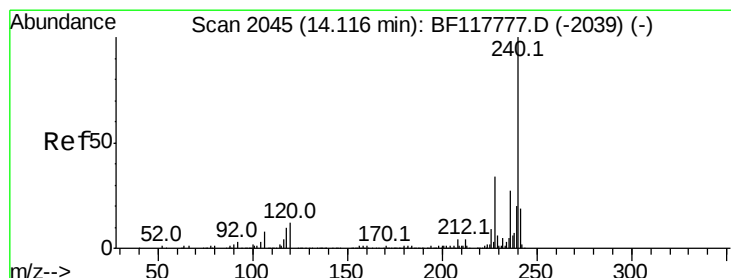
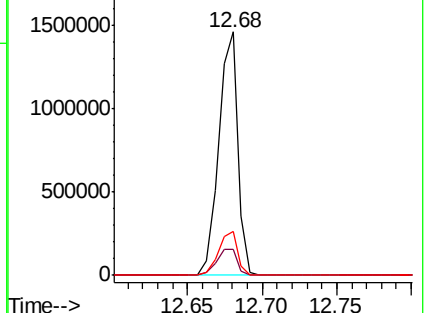
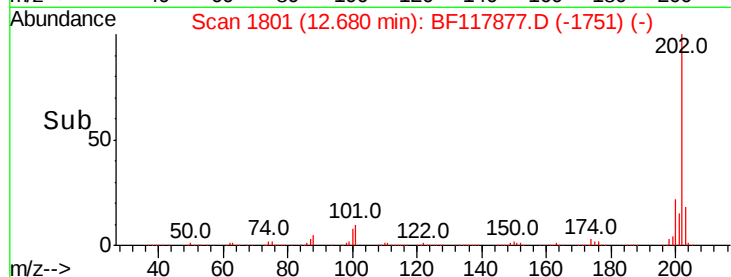
203 17.9 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

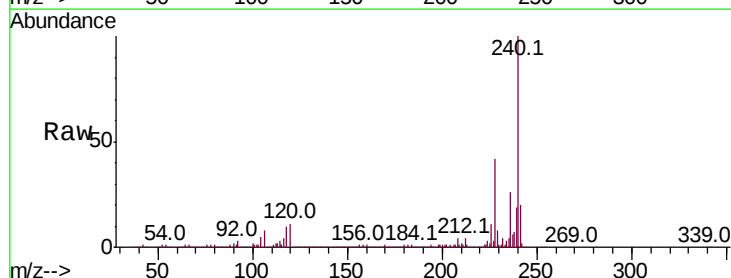
Tgt Ion:240 Resp: 489214

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

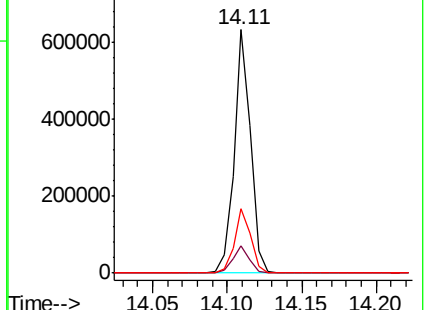
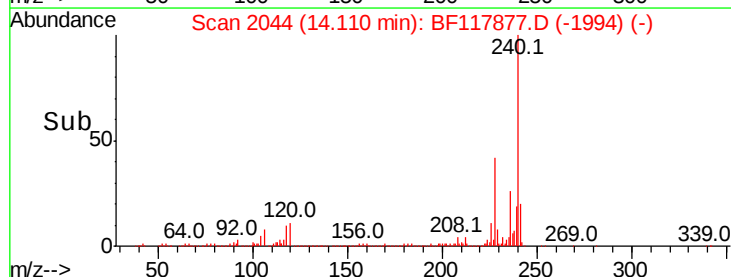
236 26.4 21.3 31.9

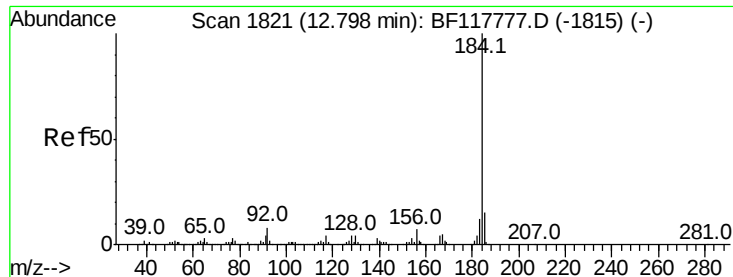


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.259 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

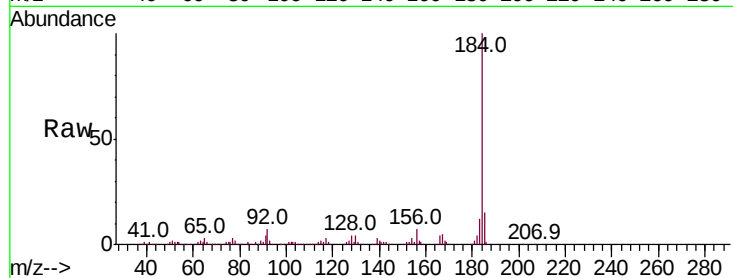
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 677185

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.2	18.4
183	11.9	9.5	14.3

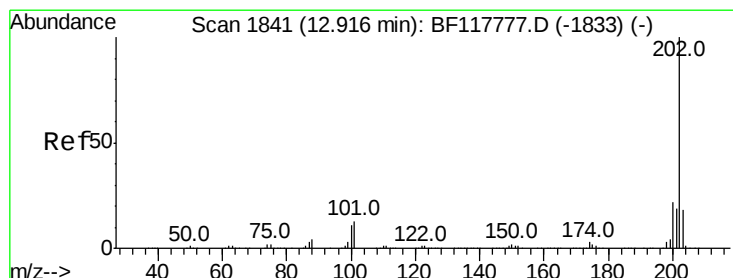
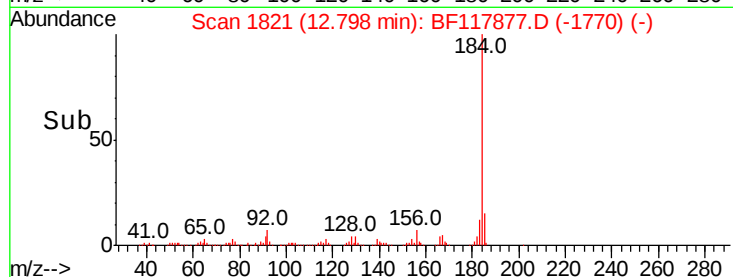
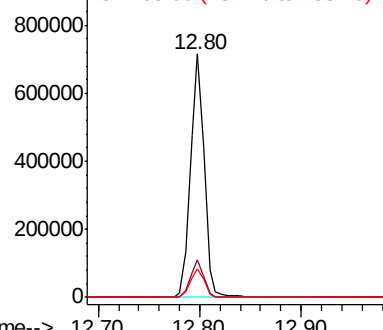


Abundance

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: 34.238 ng

RT: 12.91 min Scan# 1840

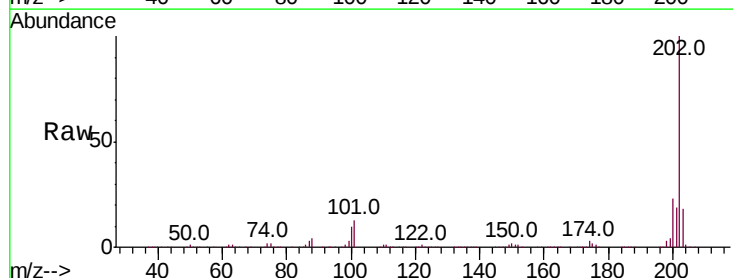
Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Tgt Ion:202 Resp: 1353630

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.8	26.8
203	18.2	14.6	22.0

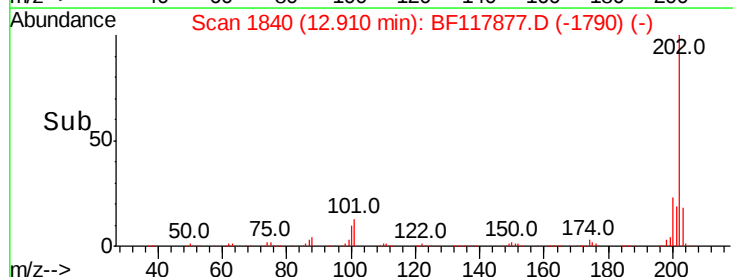
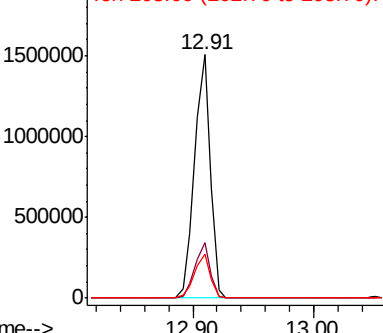


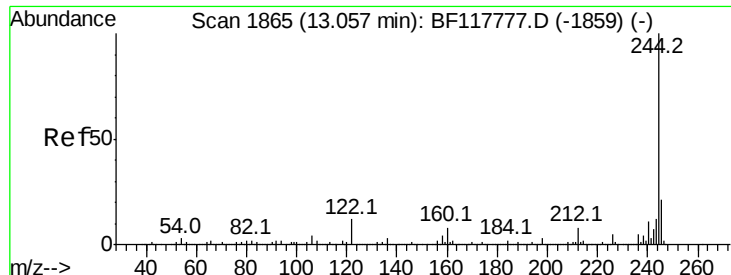
Abundance

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: 69.791 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

ClientSampled :

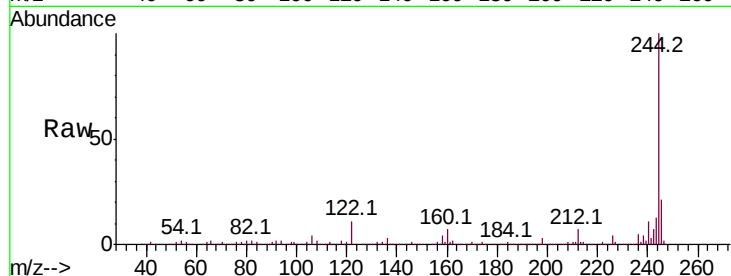
Tot Ion:244 Resp: 1868167

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

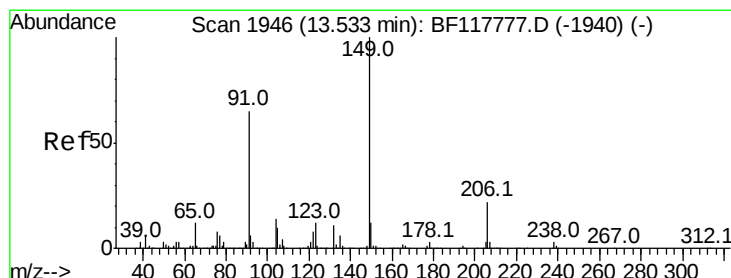
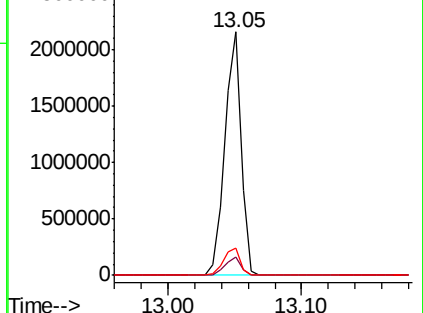
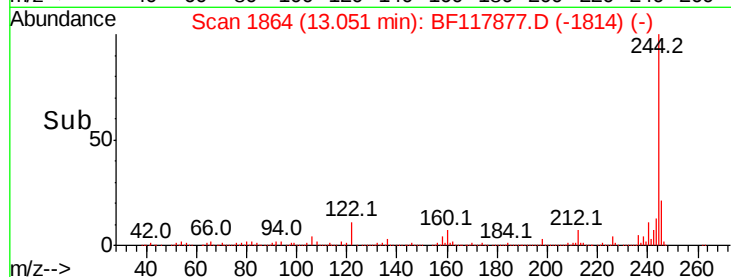
122 11.0 9.4 14.2



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: 37.303 ng

RT: 13.52 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

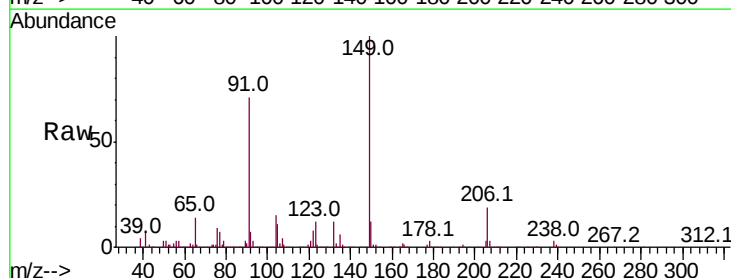
Tgt Ion:149 Resp: 633439

Ion Ratio Lower Upper

149 100

91 71.2 51.9 77.9

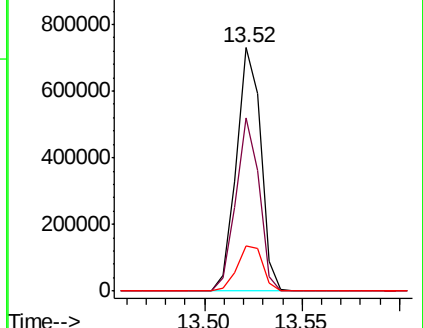
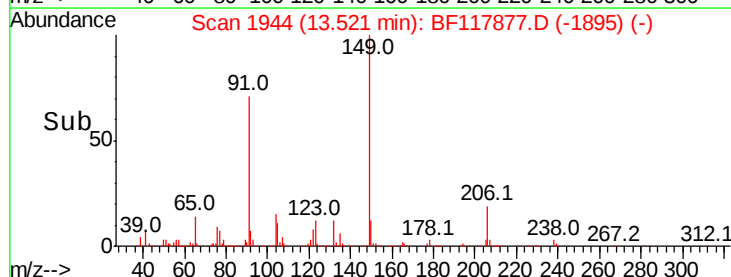
206 18.8 17.2 25.8

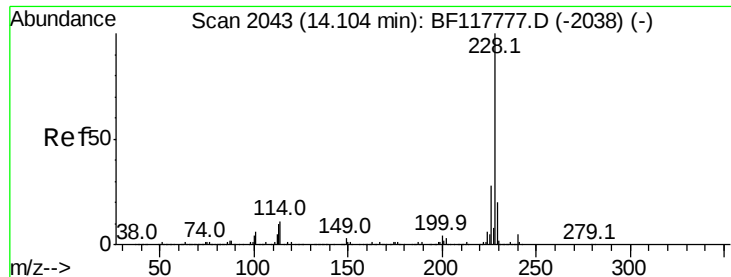


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.259 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

ClientSampleId :

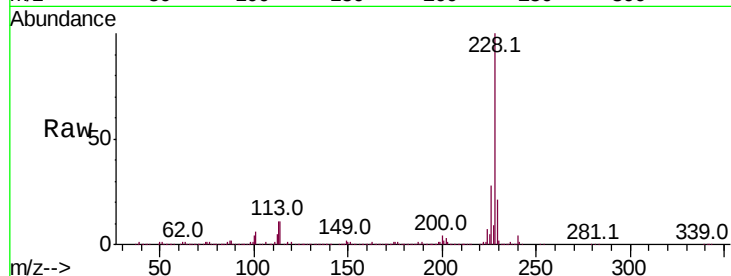
Tot Ion:228 Resp: 1269152

Ion Ratio Lower Upper

228 100

226 28.0 22.2 33.2

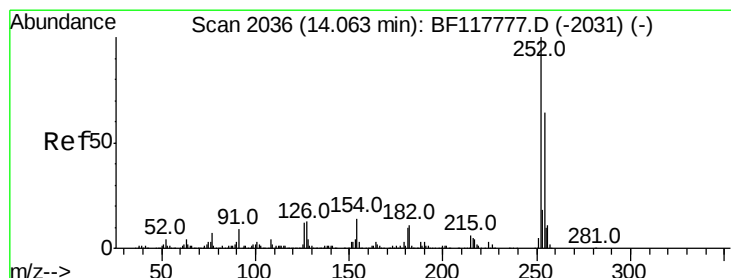
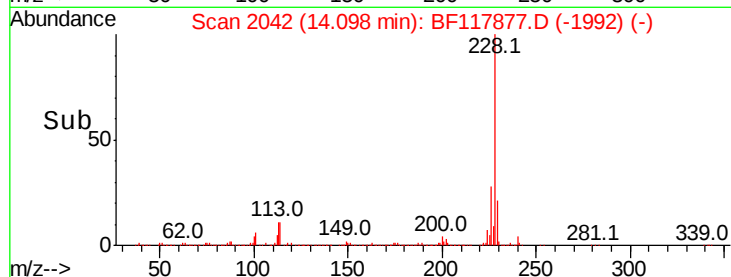
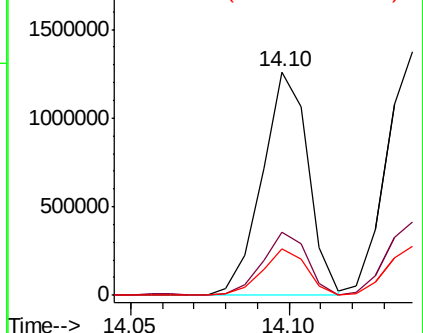
229 20.6 15.9 23.9



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: 43.714 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

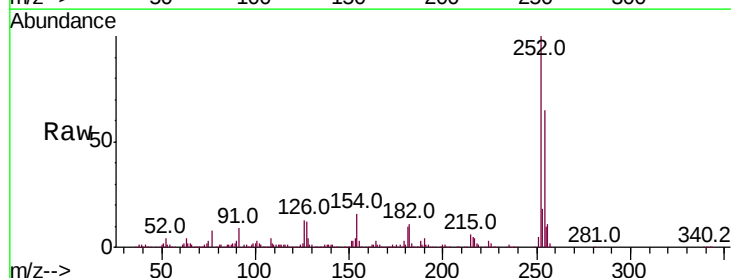
Tgt Ion:252 Resp: 494327

Ion Ratio Lower Upper

252 100

254 64.9 51.0 76.6

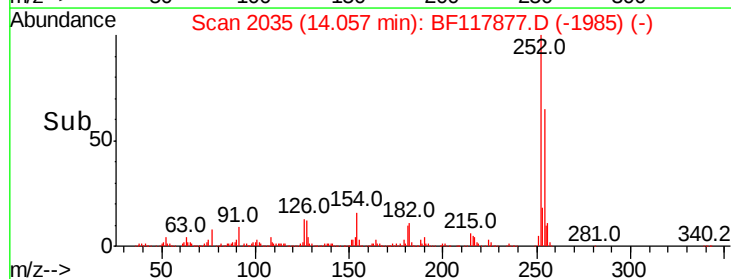
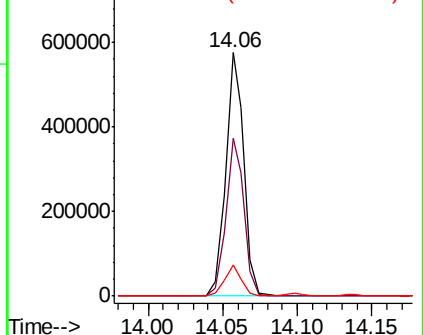
126 12.7 9.7 14.5

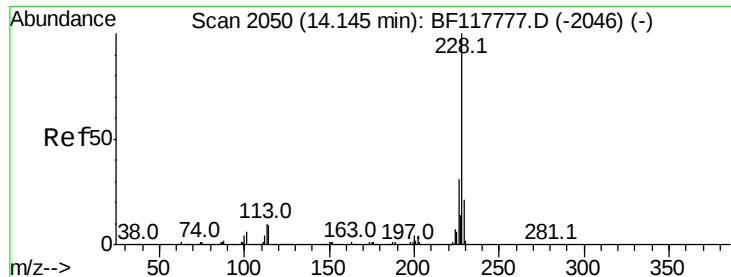


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

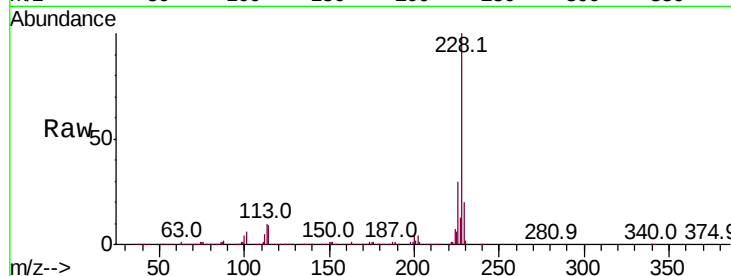




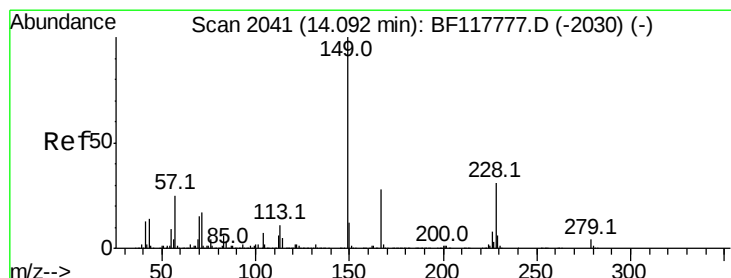
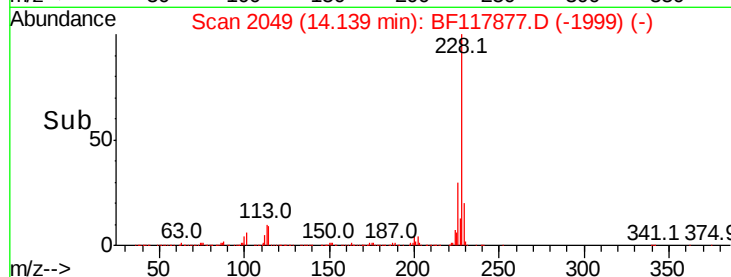
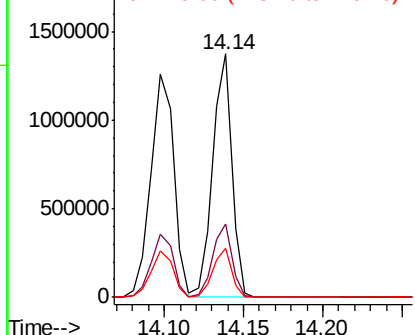
#83
Chrysene
Concen: 37.078 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1161510
Ion Ratio Lower Upper
228 100
226 30.2 25.0 37.4
229 19.9 16.6 25.0

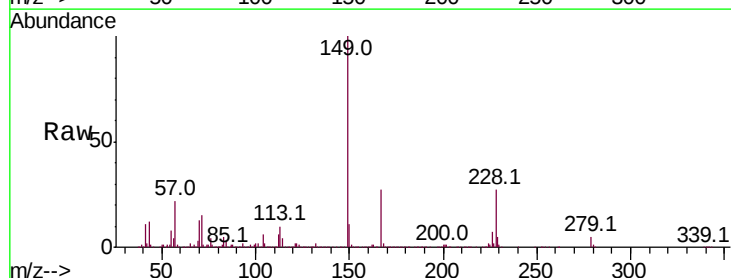


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

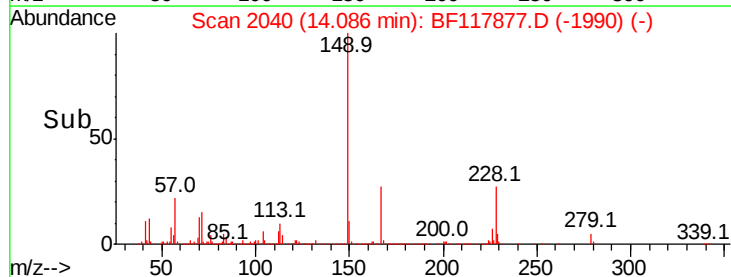
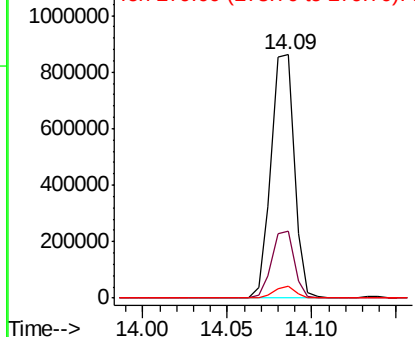


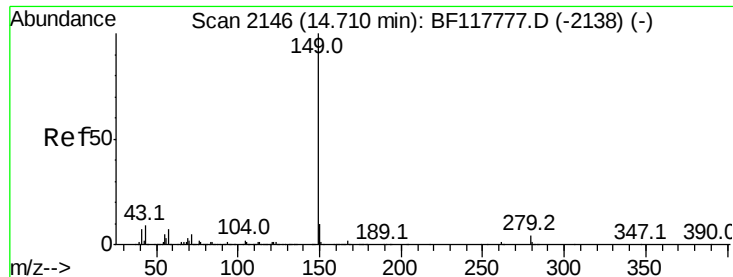
#84
Bis(2-ethylhexyl)phthalate
Concen: 40.066 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion:149 Resp: 824821
Ion Ratio Lower Upper
149 100
167 27.4 22.2 33.2
279 4.8 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: 47.129 ng

RT: 14.70 min Scan# 2144

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

ClientSampleId :

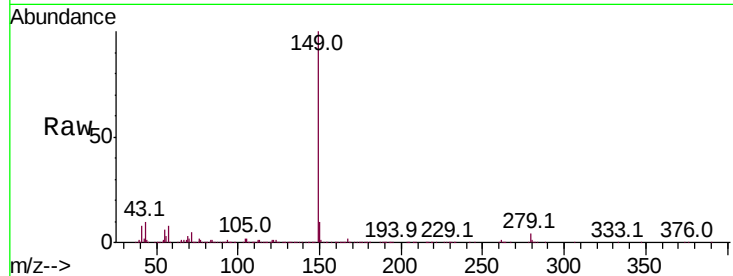
Tot Ion:149 Resp: 1425363

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

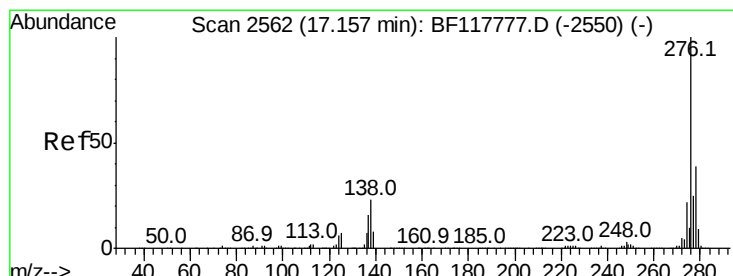
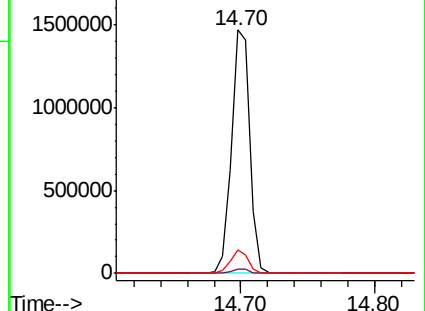
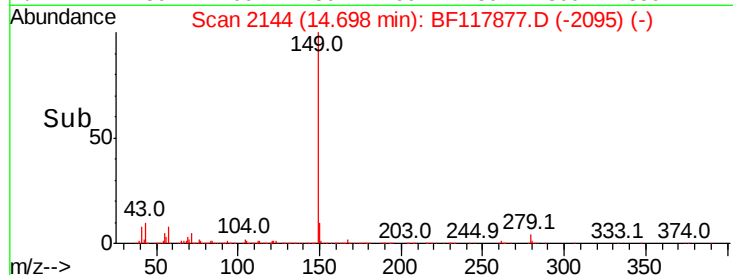
43 8.9 7.4 11.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.890 ng

RT: 17.15 min Scan# 2561

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

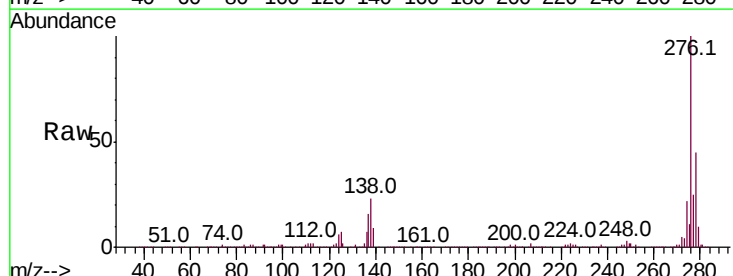
Tgt Ion:276 Resp: 930205

Ion Ratio Lower Upper

276 100

138 25.0 20.9 31.3

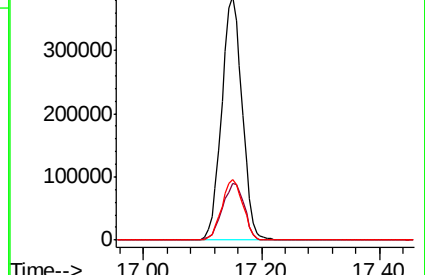
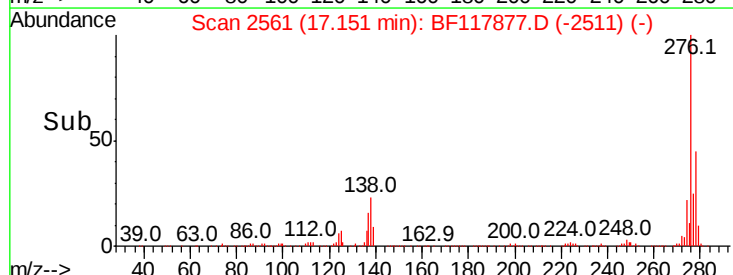
277 25.8 20.3 30.5

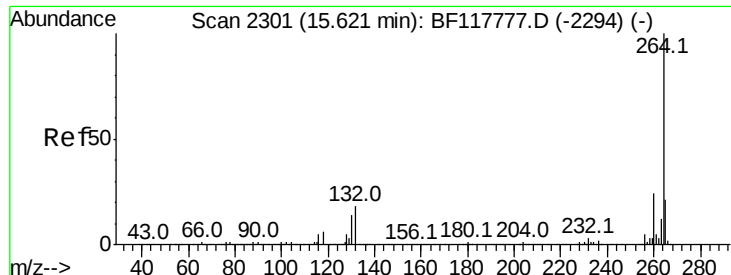


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



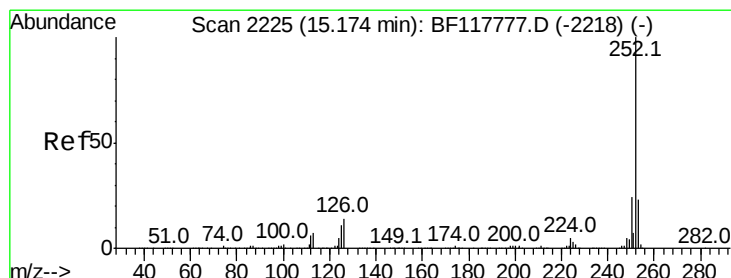
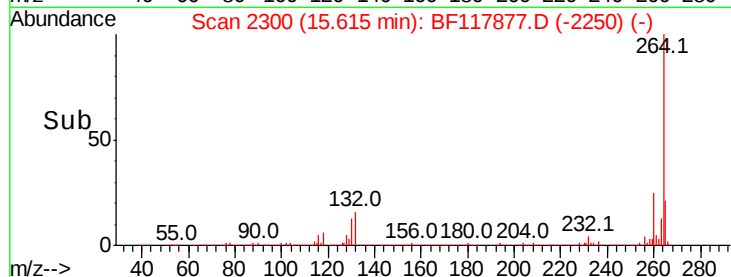
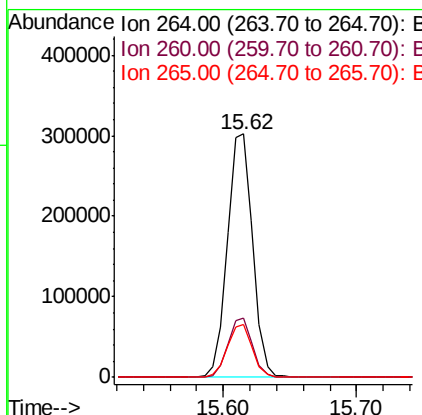
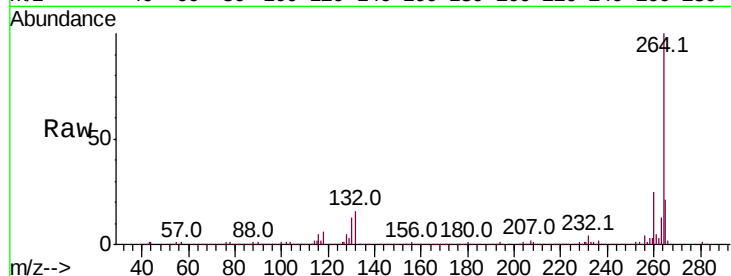


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 401208

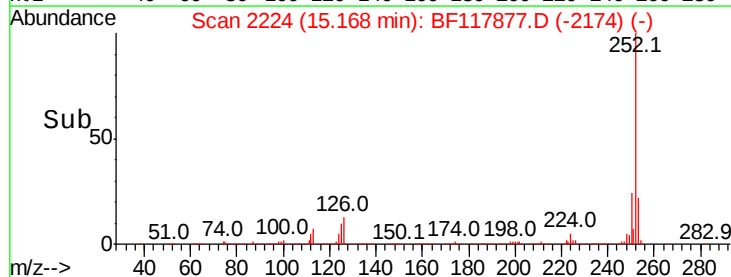
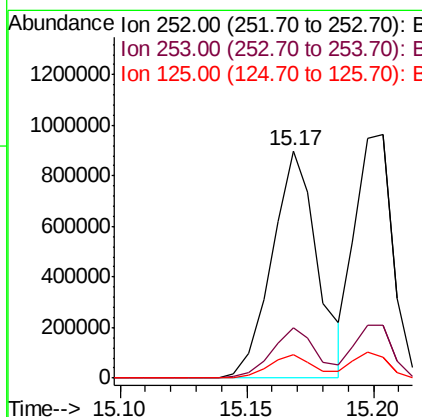
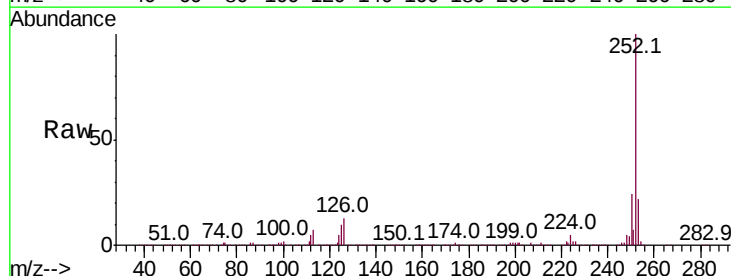
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	21.5	17.1	25.7

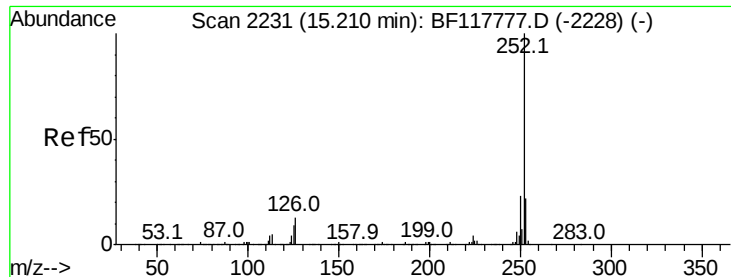


#88
Benzo(b)fluoranthene
Concen: 43.208 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion:252 Resp: 1126280

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.3	8.6	13.0

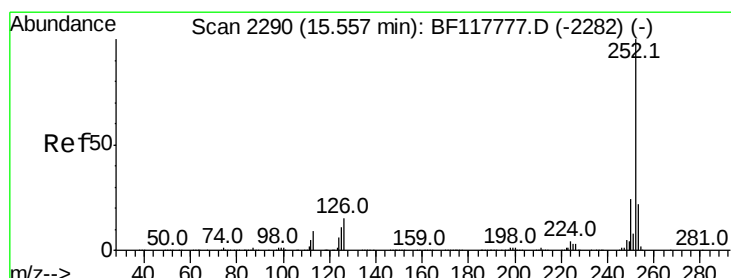
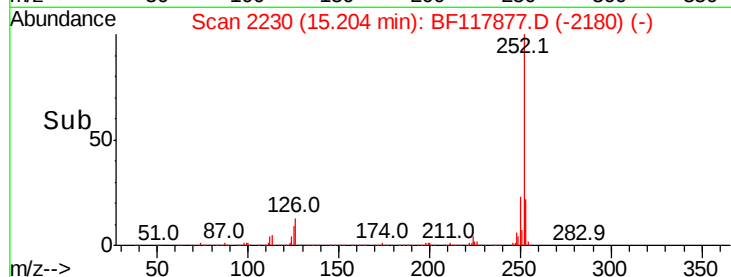
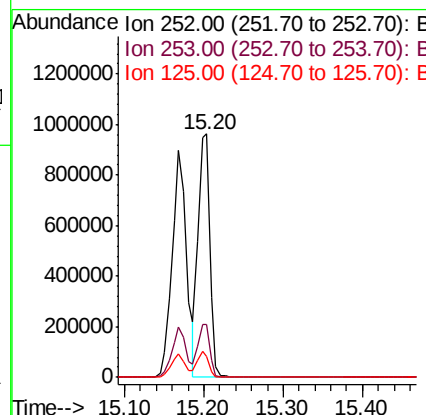
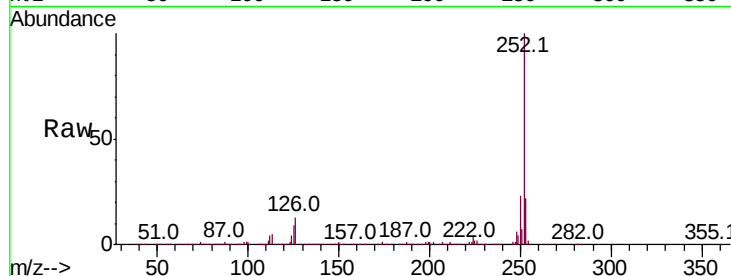




#89
Benzo(k)fluoranthene
Concen: 40.766 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

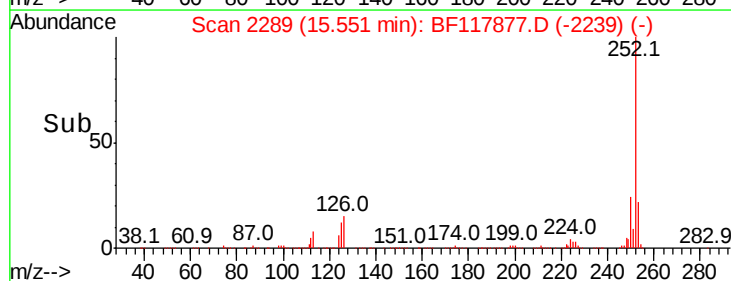
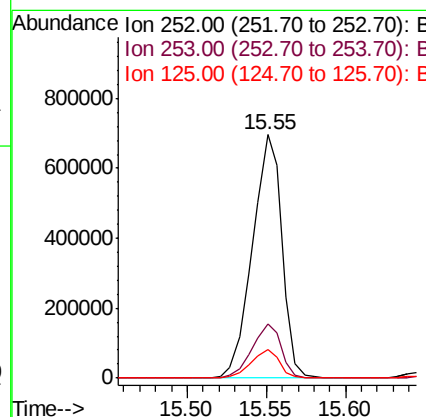
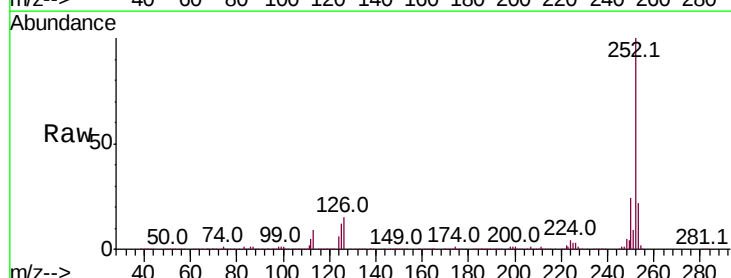
Instrument :
BNA_F
ClientSampleId :

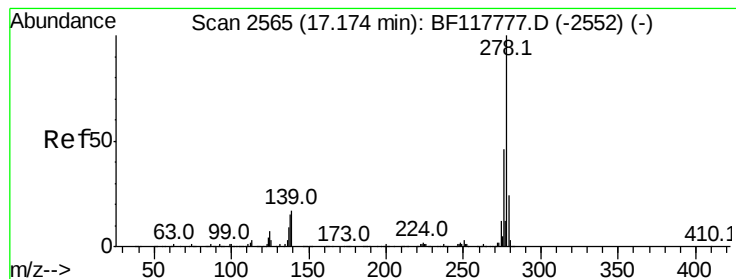
Tot Ion:252 Resp: 1001235
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 8.7 7.9 11.9



#90
Benzo(a)pyrene
Concen: 39.294 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion:252 Resp: 900681
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 11.8 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 39.080 ng

RT: 17.17 min Scan# 2564

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

ClientSampled :

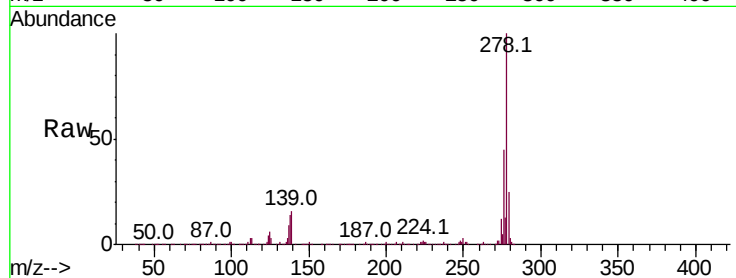
Tot Ion:278 Resp: 771002

Ion Ratio Lower Upper

278 100

139 15.9 13.8 20.8

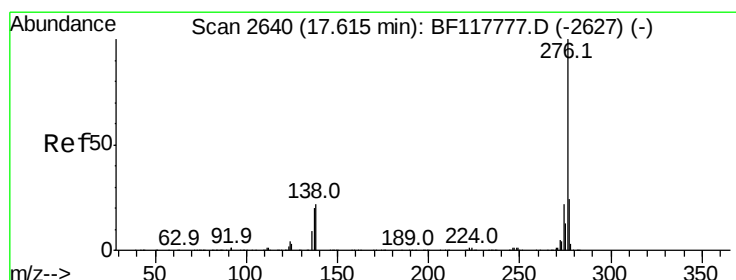
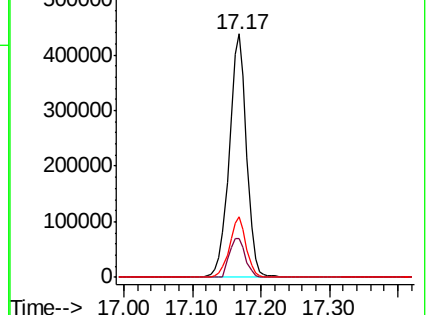
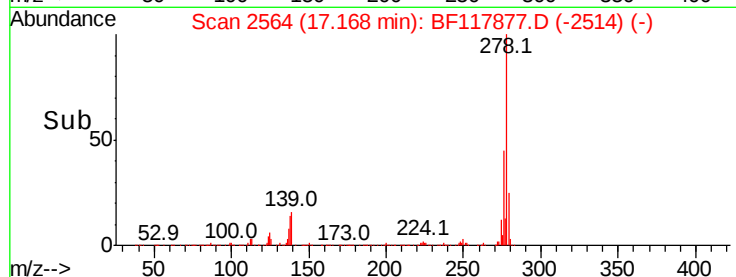
279 24.6 19.6 29.4



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: 36.892 ng

RT: 17.61 min Scan# 2639

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

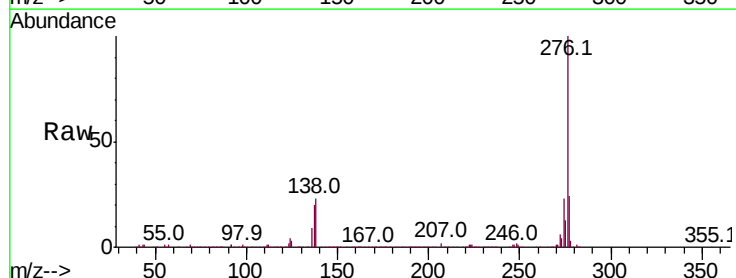
Tgt Ion:276 Resp: 724957

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 22.5 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

