

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
 Data File : BF117852.D
 Acq On : 19 Nov 2019 11:56
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 19 13:18:38 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	315750	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	1186212	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	620959	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1148901	20.00	ng	0.00
76) Chrysene-d12	14.12	240	703303	20.00	ng	0.00
87) Perylene-d12	15.62	264	681882	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1331083	74.62	ng	0.00
7) Phenol-d6	6.55	99	1643614	76.39	ng	0.00
23) Nitrobenzene-d5	7.49	82	1580899	79.23	ng	0.00
42) 2,4,6-Tribromophenol	10.76	330	523861	79.69	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2869365	82.90	ng	0.00
79) Terphenyl-d14	13.05	244	2978228	77.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	291486	34.958	ng	98
3) Pyridine	3.48	79	809182	36.996	ng	98
4) n-Nitrosodimethylamine	3.43	42	352903	36.962	ng	100
6) Aniline	6.58	93	1111110	39.080	ng	98
8) 2-Chlorophenol	6.70	128	767994	39.678	ng	99
9) Benzaldehyde	6.47	77	509768	35.430	ng	98
10) Phenol	6.56	94	936085	41.869	ng	100
11) bis(2-Chloroethyl)ether	6.65	93	692129	38.550	ng	100
12) 1,3-Dichlorobenzene	6.86	146	886524	38.904	ng	99
13) 1,4-Dichlorobenzene	6.94	146	906564	39.359	ng	99
14) 1,2-Dichlorobenzene	7.09	146	844284	38.326	ng	99
15) Benzyl Alcohol	7.06	79	681918	41.052	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	1027620	37.176	ng	98
17) 2-Methylphenol	7.17	107	642898	39.222	ng	99
18) Hexachloroethane	7.43	117	330649	39.077	ng	92
19) n-Nitroso-di-n-propylamine	7.33	70	523764	39.460	ng	100
20) 3+4-Methylphenols	7.32	107	776471	38.161	ng	# 89
22) Acetophenone	7.33	105	1047392	39.301	ng	96
24) Nitrobenzene	7.50	77	807721	39.237	ng	98
25) Isophorone	7.75	82	1418733	38.791	ng	99
26) 2-Nitrophenol	7.82	139	407896	40.710	ng	99
27) 2,4-Dimethylphenol	7.85	122	617107	39.636	ng	97
28) bis(2-Chloroethoxy)methane	7.95	93	899672	38.765	ng	99
29) 2,4-Dichlorophenol	8.06	162	674028	39.911	ng	97
30) 1,2,4-Trichlorobenzene	8.15	180	770186	39.317	ng	100
31) Naphthalene	8.23	128	2193508	39.666	ng	100
32) Benzoic acid	7.97	122	395813	30.362	ng	99
33) 4-Chloroaniline	8.27	127	976546	39.446	ng	100
34) Hexachlorobutadiene	8.35	225	449142	39.215	ng	98
35) Caprolactam	8.65	113	207750	38.706	ng	98
36) 4-Chloro-3-methylphenol	8.75	107	682881	39.843	ng	94
37) 2-Methylnaphthalene	8.92	142	1478178	39.561	ng	99
38) 1-Methylnaphthalene	9.02	142	1390418	39.362	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	711828	39.473	ng	100

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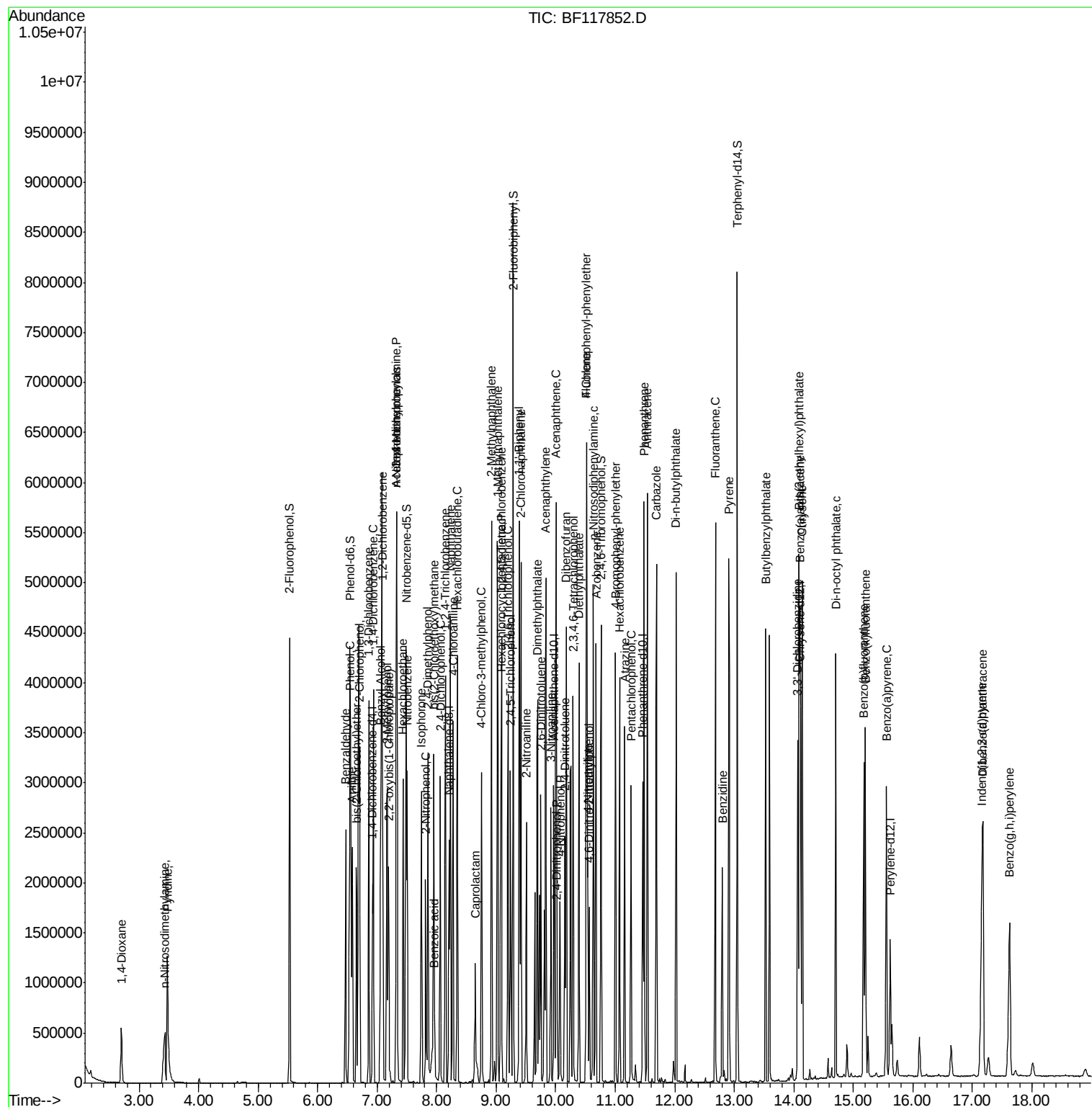
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	390021	38.594	ng	99
43) 2,4,6-Trichlorophenol	9.20	196	507444	39.286	ng	98
44) 2,4,5-Trichlorophenol	9.24	196	522429	38.956	ng	97
46) 1,1'-Biphenyl	9.39	154	1809862	39.286	ng	99
47) 2-Chloronaphthalene	9.42	162	1482416	39.115	ng	99
48) 2-Nitroaniline	9.50	65	452335	39.533	ng	98
49) Acenaphthylene	9.83	152	2172334	39.315	ng	99
50) Dimethylphthalate	9.69	163	1714127	39.365	ng	99
51) 2,6-Dinitrotoluene	9.75	165	373544	39.251	ng	93
52) Acenaphthene	10.00	154	1398503	39.510	ng	99
53) 3-Nitroaniline	9.92	138	451422	39.642	ng	98
54) 2,4-Dinitrophenol	10.02	184	156940	36.421	ng	# 88
55) Dibenzofuran	10.18	168	1953515	39.855	ng	97
56) 4-Nitrophenol	10.07	139	331935	39.051	ng	91
57) 2,4-Dinitrotoluene	10.16	165	490257	40.497	ng	91
58) Fluorene	10.52	166	1460378	38.448	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.29	232	432138	39.217	ng	99
60) Diethylphthalate	10.39	149	1674653	39.447	ng	98
61) 4-Chlorophenyl-phenylether	10.51	204	768025	39.844	ng	97
62) 4-Nitroaniline	10.54	138	459150	40.270	ng	100
63) Azobenzene	10.67	77	1507892	39.042	ng	95
65) 4,6-Dinitro-2-methylphenol	10.56	198	216615	40.387	ng	80
66) n-Nitrosodiphenylamine	10.63	169	1331254	39.815	ng	99
67) 4-Bromophenyl-phenylether	11.00	248	496880	40.082	ng	96
68) Hexachlorobenzene	11.07	284	583415	40.361	ng	# 92
69) Atrazine	11.16	200	421546	38.326	ng	98
70) Pentachlorophenol	11.26	266	329968	39.073	ng	98
71) Phenanthrene	11.49	178	2221476	38.458	ng	99
72) Anthracene	11.54	178	2228142	38.906	ng	99
73) Carbazole	11.69	167	1982330	39.610	ng	99
74) Di-n-butylphthalate	12.02	149	2419739	38.833	ng	99
75) Fluoranthene	12.68	202	2175556	40.629	ng	97
77) Benzidine	12.80	184	830187	36.037	ng	99
78) Pyrene	12.91	202	2194197	38.605	ng	99
80) Butylbenzylphthalate	13.53	149	990818	40.588	ng	98
81) Benzo(a)anthracene	14.10	228	1829027	39.355	ng	99
82) 3,3'-Dichlorobenzidine	14.06	252	680577	41.864	ng	99
83) Chrysene	14.14	228	1746511	38.781	ng	100
84) Bis(2-ethylhexyl)phthalate	14.09	149	1281219	43.290	ng	100
85) Di-n-octyl phthalate	14.70	149	1985751	45.672	ng	100
86) Indeno(1,2,3-cd)pyrene	17.16	276	1706466	44.522	ng	99
88) Benzo(b)fluoranthene	15.17	252	1632642	36.852	ng	99
89) Benzo(k)fluoranthene	15.20	252	1589144	38.070	ng	98
90) Benzo(a)pyrene	15.56	252	1482464	38.054	ng	99
91) Dibenzo(a,h)anthracene	17.18	278	1392357	41.525	ng	96
92) Benzo(g,h,i)perylene	17.63	276	1361804	40.776	ng	99

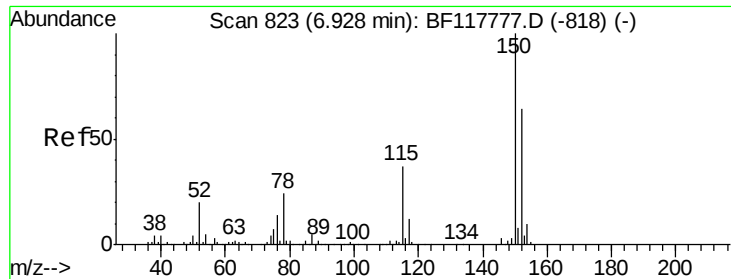
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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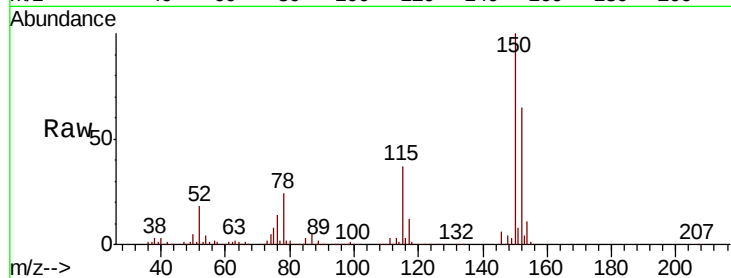


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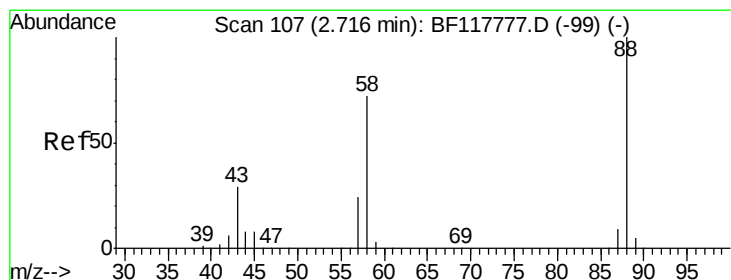
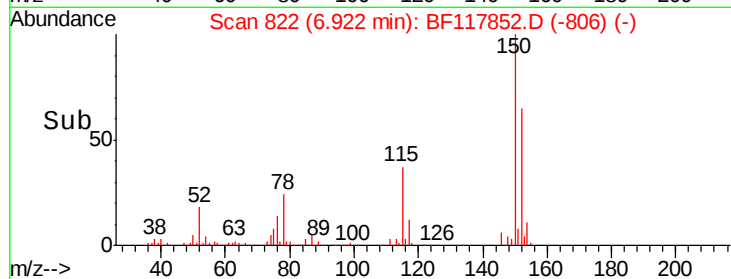
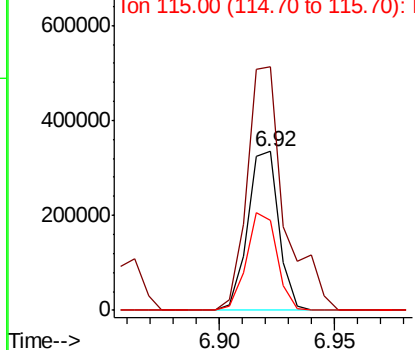
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117852.D
Acq: 19 Nov 2019 11:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 315750
Ion Ratio Lower Upper
152 100
150 153.1 125.3 187.9
115 57.0 47.0 70.4



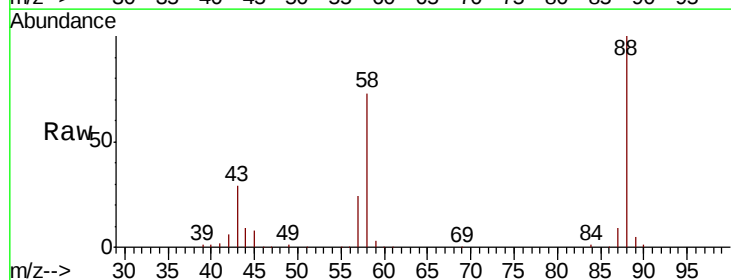
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



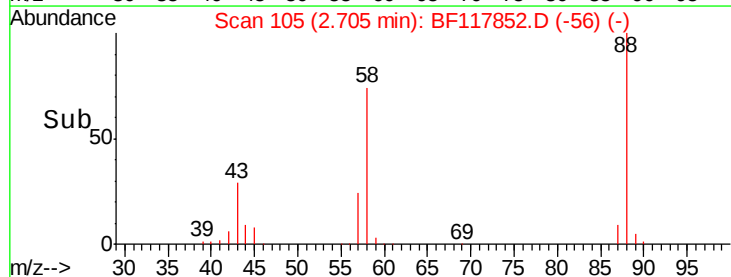
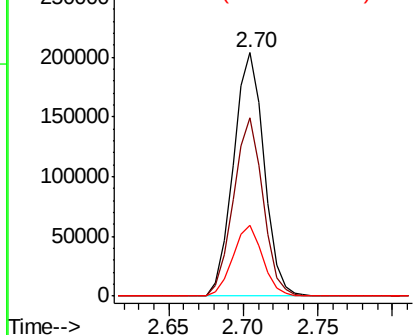
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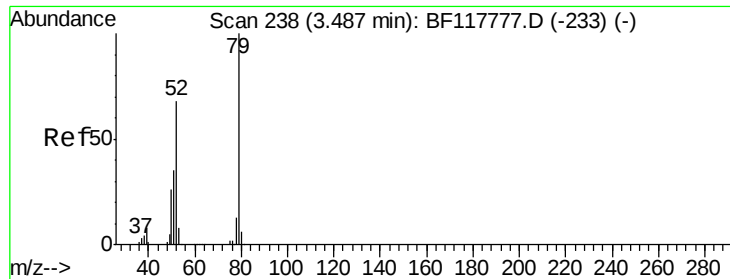
1,4-Dioxane
Concen: 34.958 ng
RT: 2.70 min Scan# 105
Delta R.T. -0.01 min
Lab File: BF117852.D
Acq: 19 Nov 2019 11:56

Tgt Ion: 88 Resp: 291486
Ion Ratio Lower Upper
88 100
58 70.9 58.2 87.2
43 28.6 23.3 34.9



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





#3

Pvridine

Concen: 36.996 ng

RT: 3.48 min Scan# 236

Delta R.T. -0.01 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

Instrument :

BNA_F

ClientSampled :

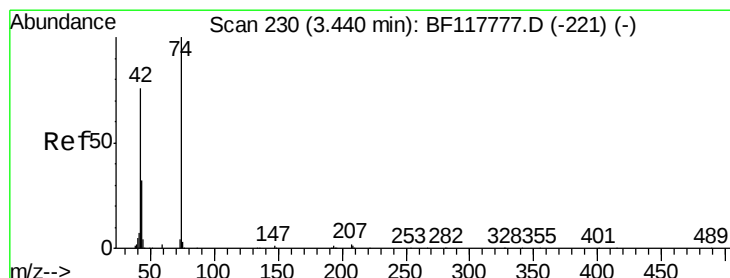
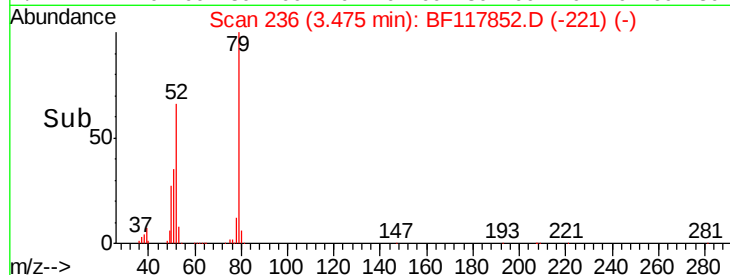
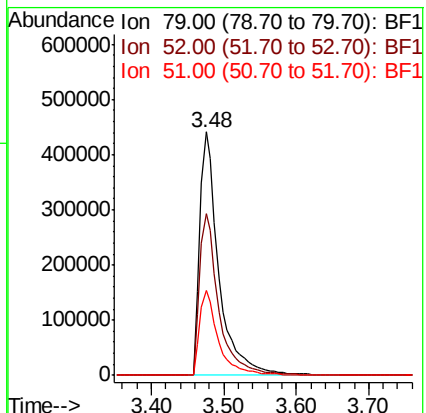
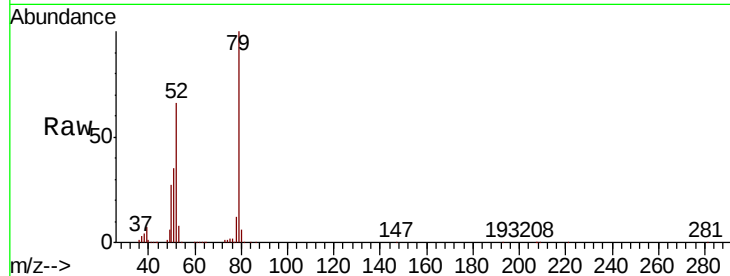
Tot Ion: 79 Resp: 809182

Ion Ratio Lower Upper

79 100

52 66.2 54.8 82.2

51 34.7 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 36.962 ng

RT: 3.43 min Scan# 228

Delta R.T. -0.01 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

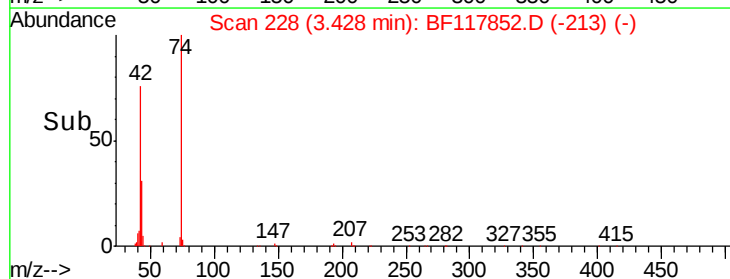
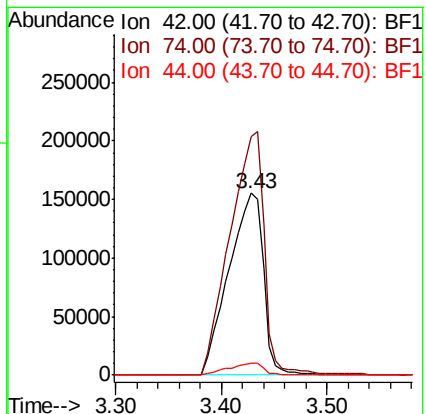
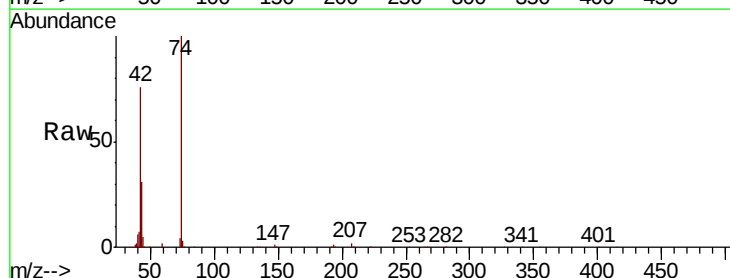
Tgt Ion: 42 Resp: 352903

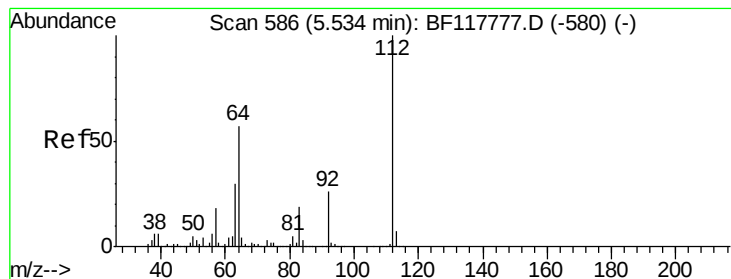
Ion Ratio Lower Upper

42 100

74 131.4 105.1 157.7

44 6.3 4.6 7.0

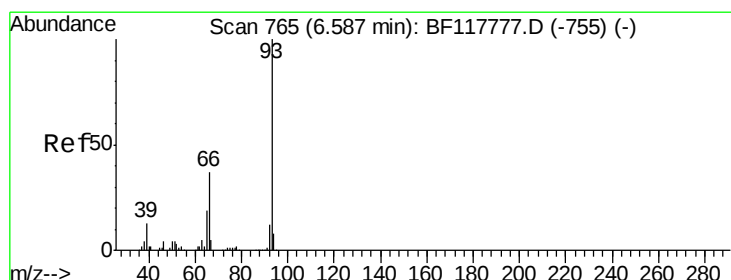
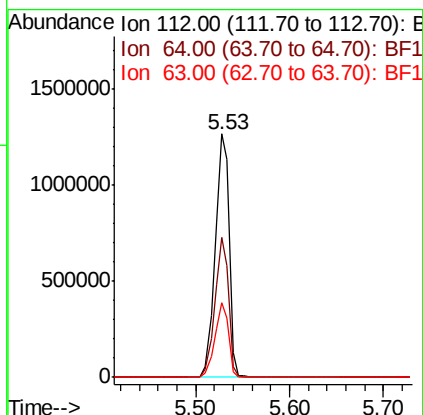
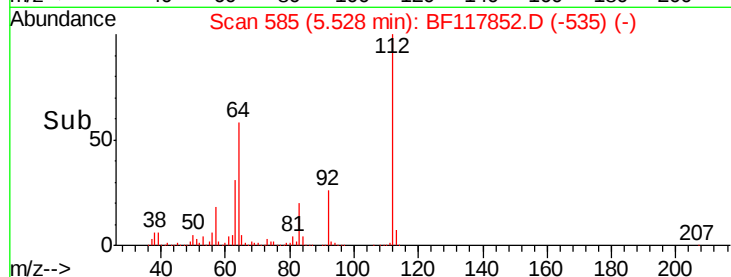
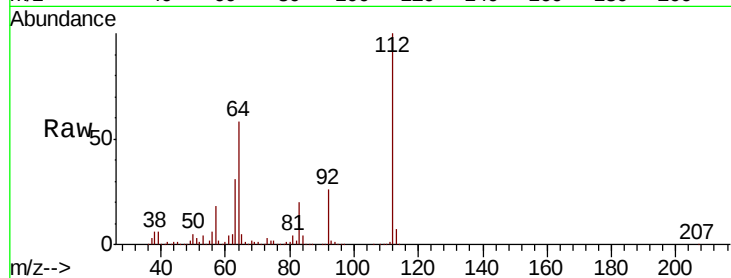




#5
 2-Fluorophenol
 Concen: 74.621 ng
 RT: 5.53 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF117852.D
 Acq: 19 Nov 2019 11:56

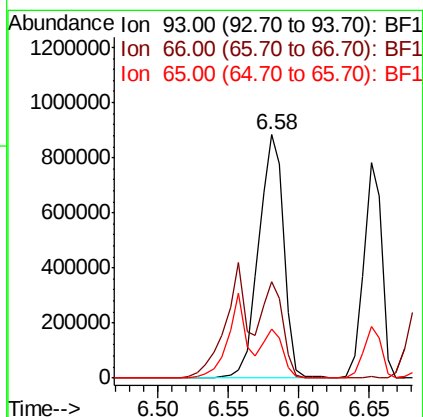
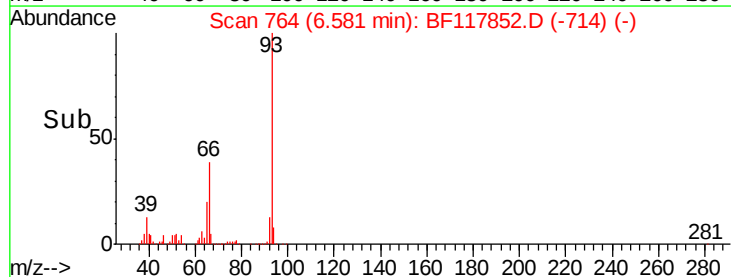
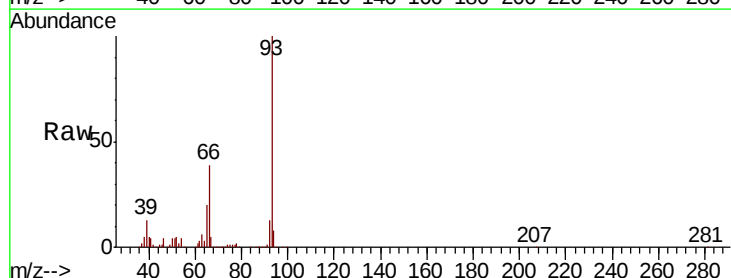
Instrument :
 BNA_F
 ClientSampleId :

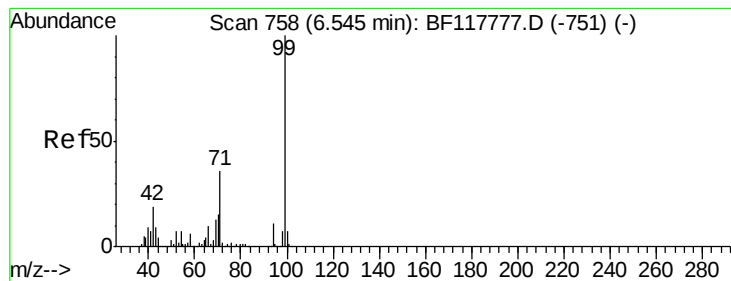
Tot Ion:112 Resp: 1331083
 Ion Ratio Lower Upper
 112 100
 64 57.7 45.6 68.4
 63 30.8 24.1 36.1



#6
 Aniline
 Concen: 39.080 ng
 RT: 6.58 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF117852.D
 Acq: 19 Nov 2019 11:56

Tgt Ion: 93 Resp: 1111110
 Ion Ratio Lower Upper
 93 100
 66 39.4 30.6 45.8
 65 20.2 15.6 23.4





#7

Phenol-d6

Concen: 76.392 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

Instrument :

BNA_F

ClientSampleId :

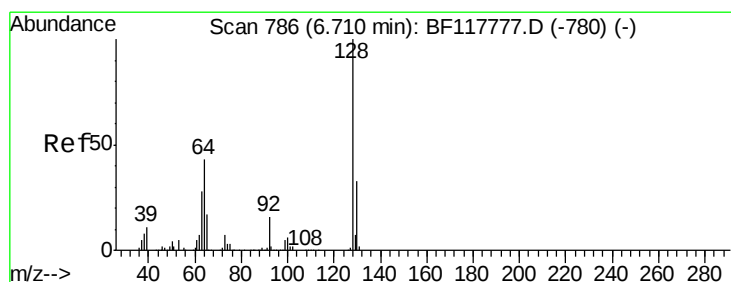
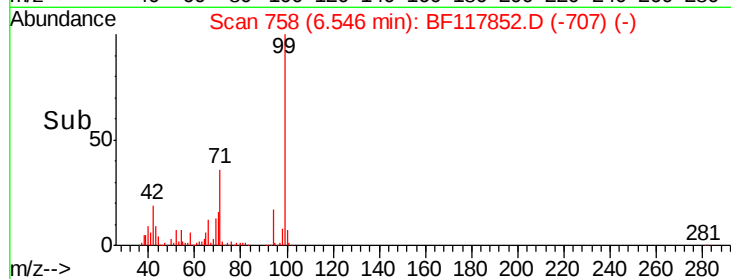
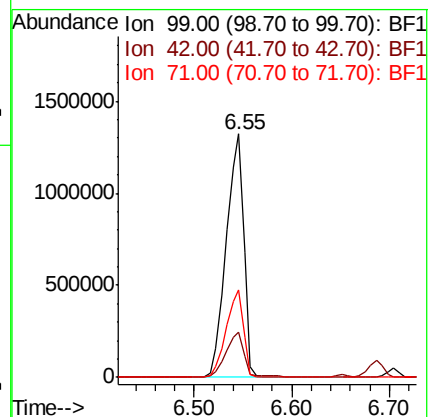
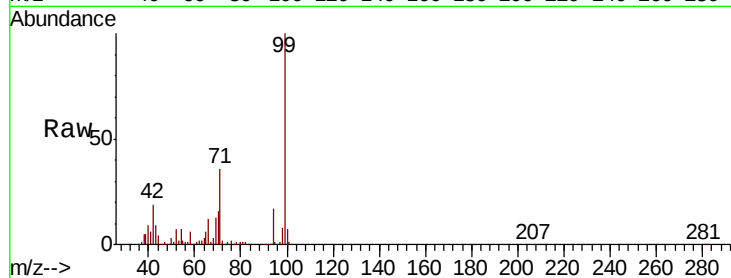
Tot Ion: 99 Resp: 1643614

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.9	22.3
71	36.1	28.6	43.0

99 100

42 18.7 14.9 22.3

71 36.1 28.6 43.0



#8

2-Chlorophenol

Concen: 39.678 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

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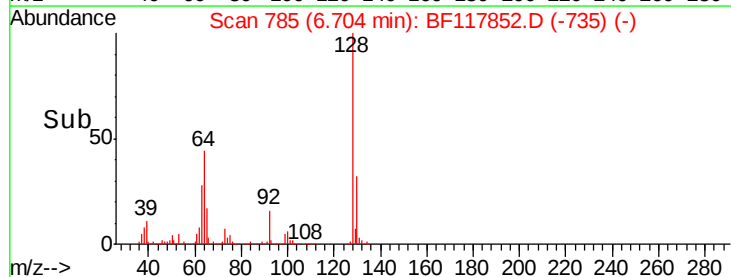
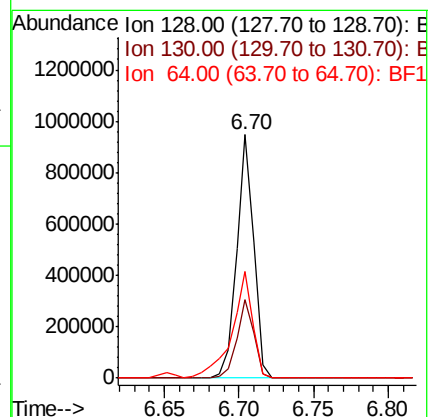
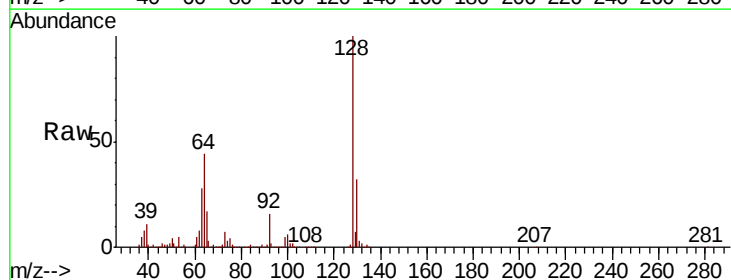
Tgt Ion: 128 Resp: 767994

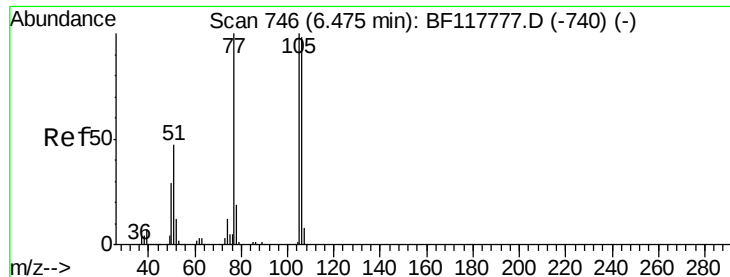
Ion	Ratio	Lower	Upper
128	100		
130	32.0	13.2	53.2
64	43.9	23.7	63.7

128 100

130 32.0 13.2 53.2

64 43.9 23.7 63.7





#9

Benzaldehyde

Concen: 35.430 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

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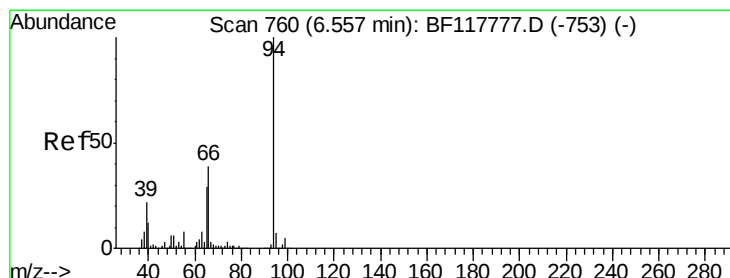
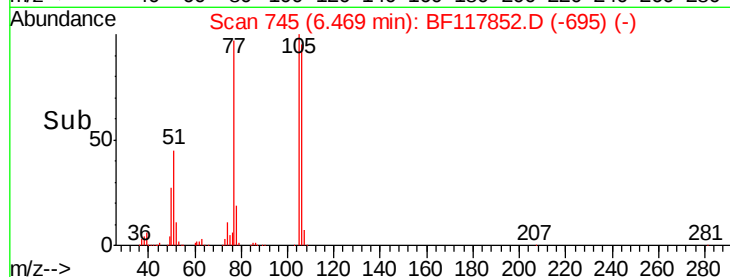
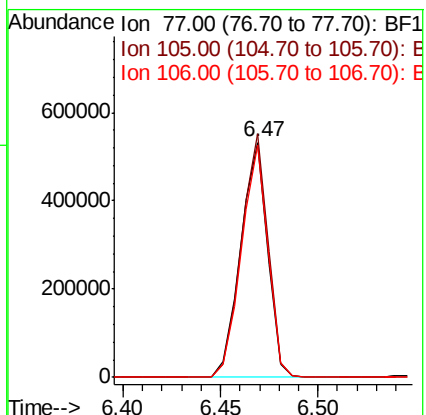
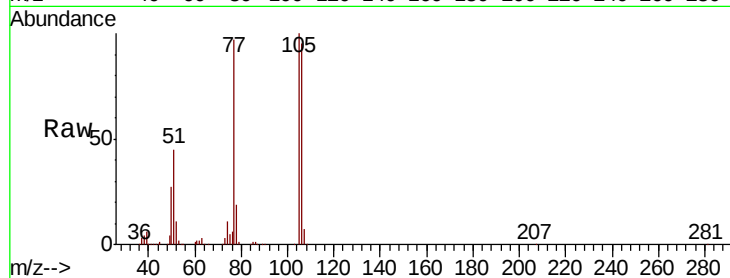
Tot Ion: 77 Resp: 509768

Ion Ratio Lower Upper

77 100

105 103.5 80.2 120.2

106 98.7 78.4 118.4



#10

Phenol

Concen: 41.869 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF117852.D

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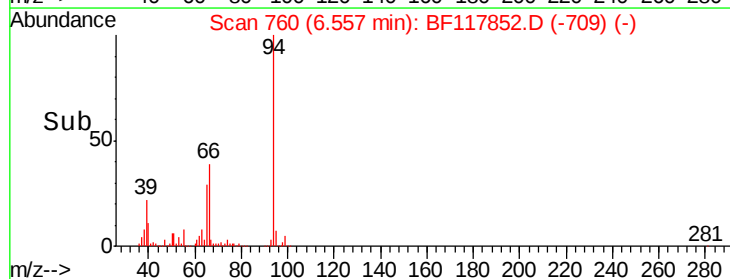
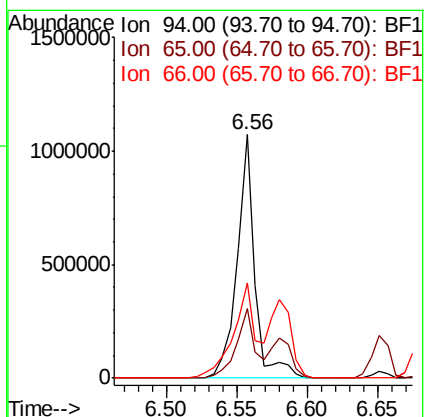
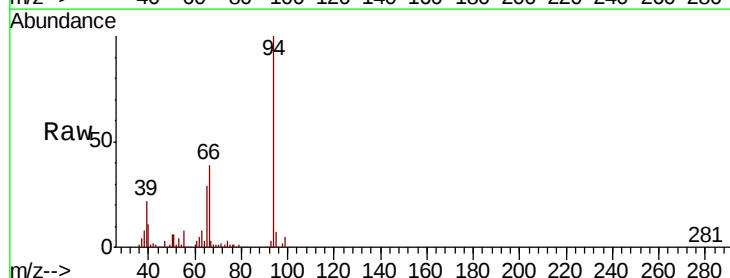
Tgt Ion: 94 Resp: 936085

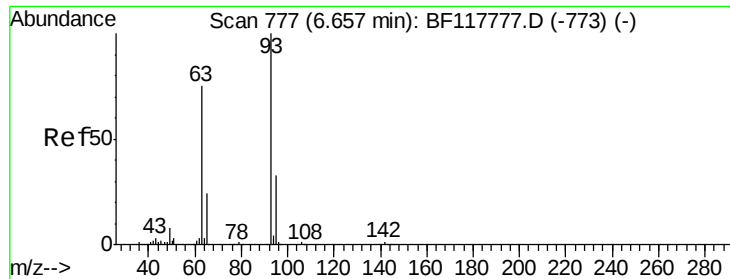
Ion Ratio Lower Upper

94 100

65 28.8 8.9 48.9

66 39.1 18.7 58.7

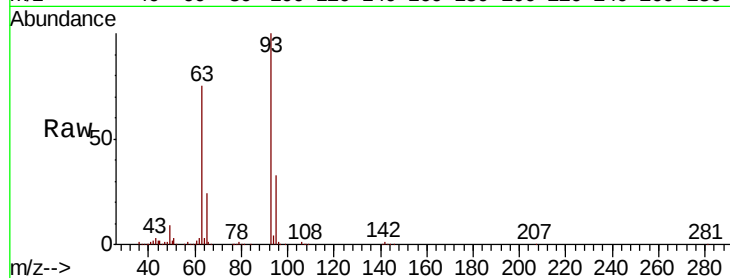




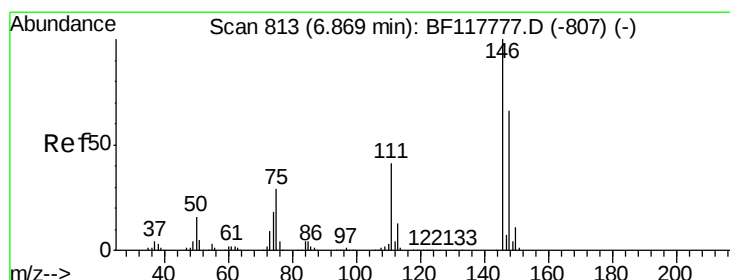
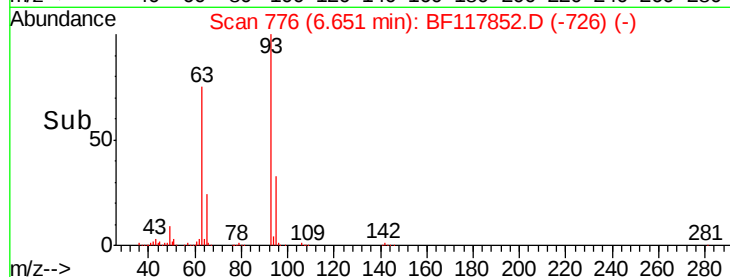
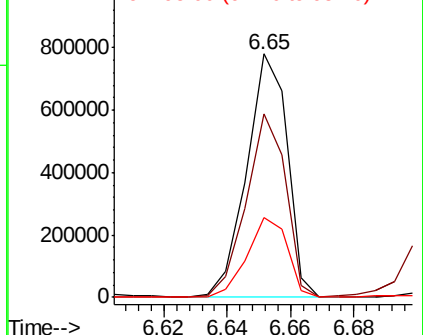
#11
bis(2-Chloroethyl)ether
Concen: 38.550 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF117852.D
Acq: 19 Nov 2019 11:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 692129
Ion Ratio Lower Upper
93 100
63 75.2 54.8 94.8
95 32.9 12.7 52.7

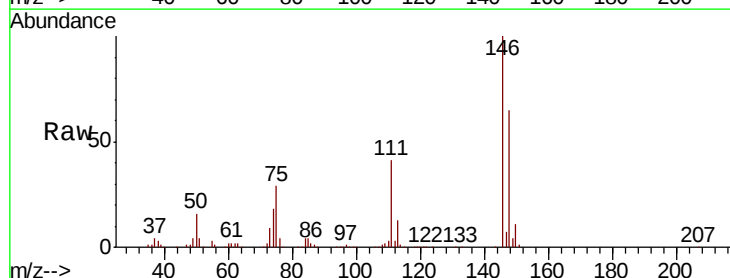


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

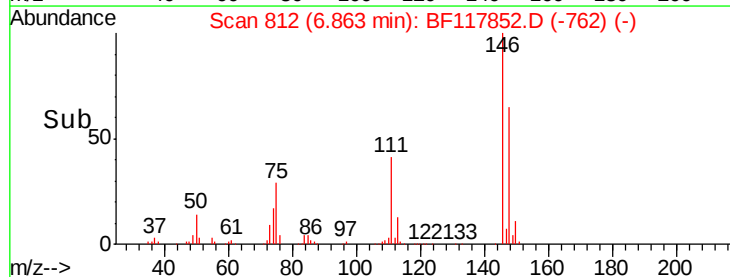
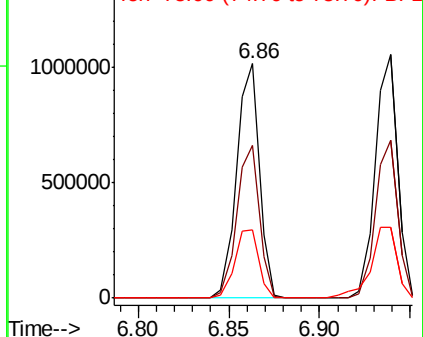


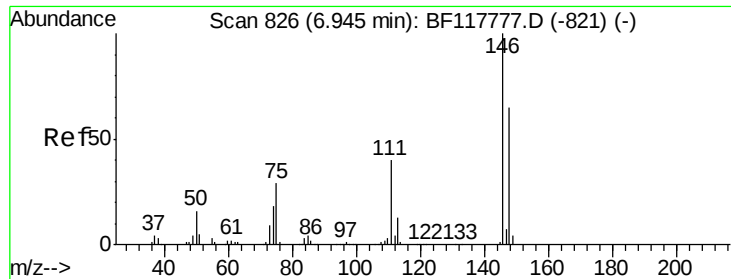
#12
1,3-Dichlorobenzene
Concen: 38.904 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF117852.D
Acq: 19 Nov 2019 11:56

Tgt Ion: 146 Resp: 886524
Ion Ratio Lower Upper
146 100
148 65.2 52.8 79.2
75 29.3 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

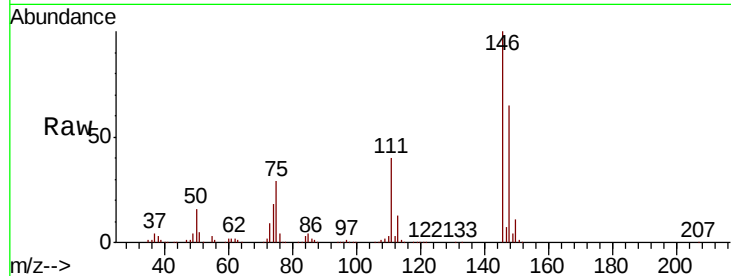




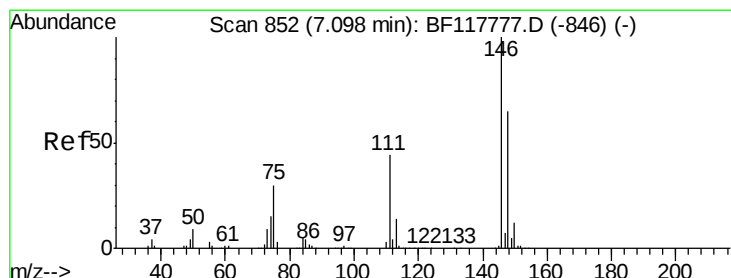
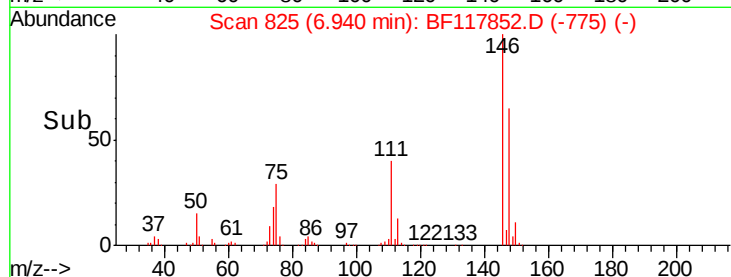
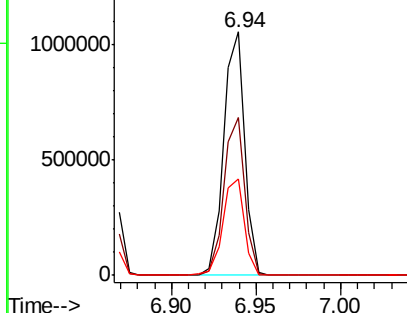
#13
1,4-Dichlorobenzene
Concen: 39.359 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF117852.D
Acq: 19 Nov 2019 11:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:146 Resp: 906564
Ion Ratio Lower Upper
146 100
148 64.8 52.3 78.5
111 39.5 32.2 48.4

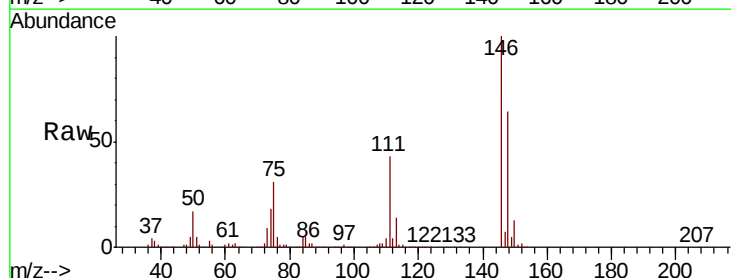


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

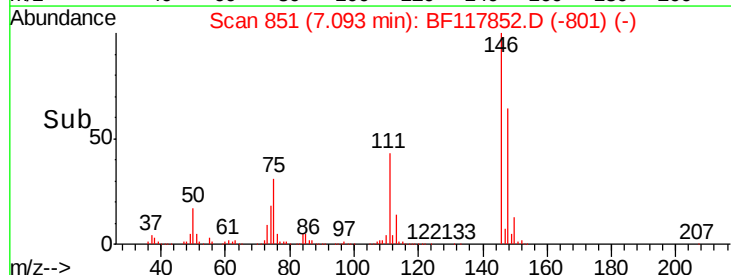
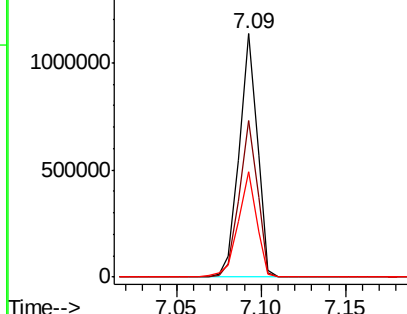


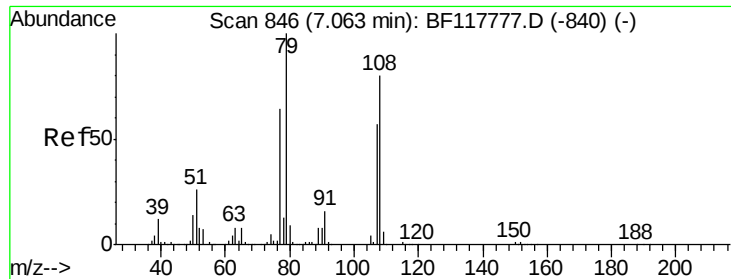
#14
1,2-Dichlorobenzene
Concen: 38.326 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF117852.D
Acq: 19 Nov 2019 11:56

Tgt Ion:146 Resp: 844284
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
111 43.5 35.0 52.6



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





#15

Benzyl Alcohol

Concen: 41.052 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

Instrument :

BNA_F

ClientSampleId :

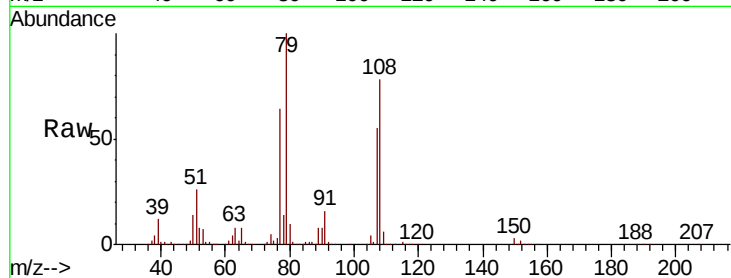
Tot Ion: 79 Resp: 681918

Ion Ratio Lower Upper

79 100

108 77.8 64.1 96.1

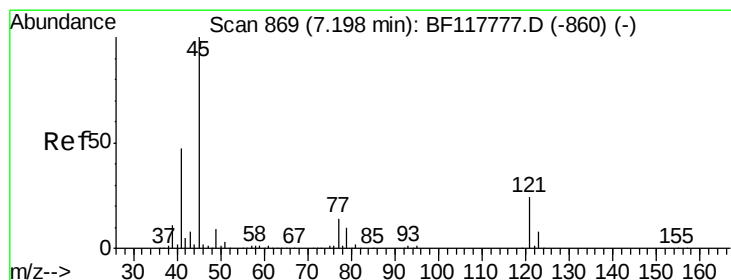
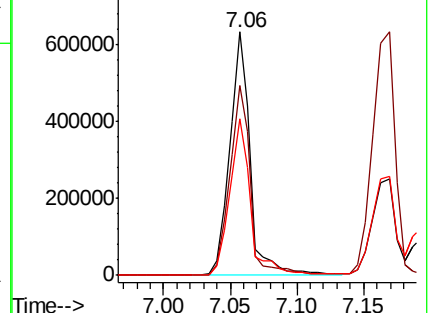
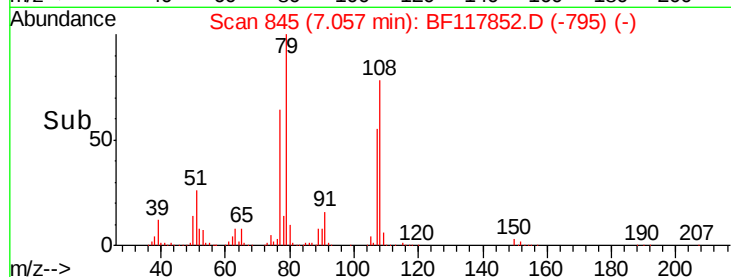
77 64.2 51.3 76.9



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: 37.176 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

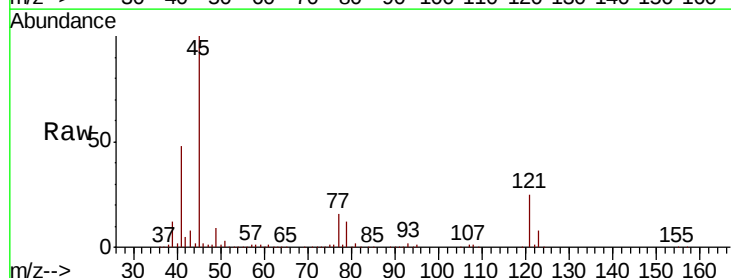
Tgt Ion: 45 Resp: 1027620

Ion Ratio Lower Upper

45 100

77 15.6 0.0 35.0

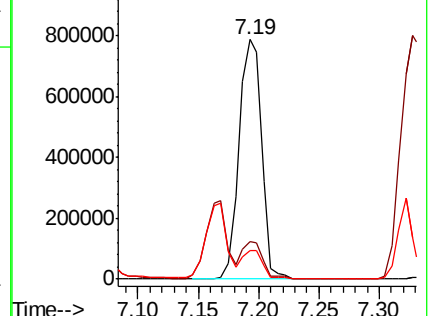
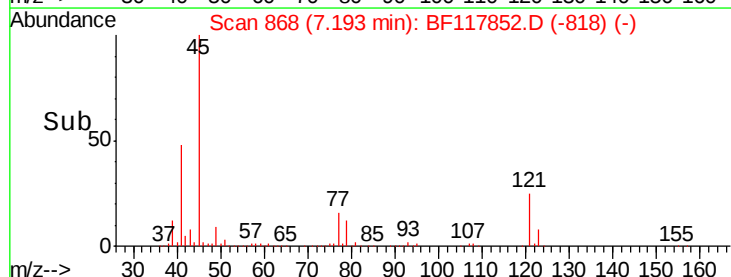
79 12.0 0.0 31.1

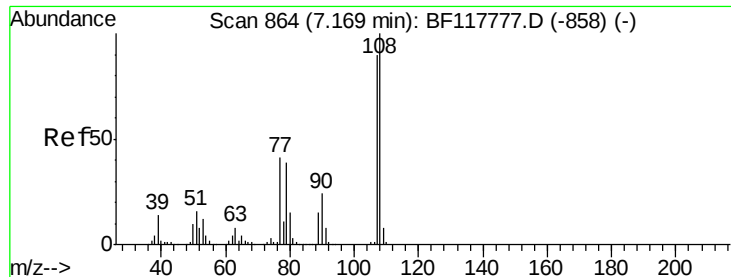


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 39.222 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 642898

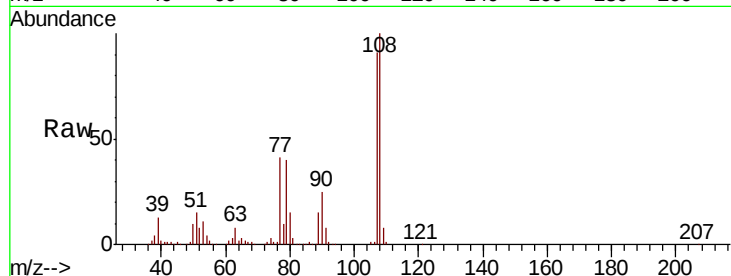
Ion Ratio Lower Upper

107 100

108 110.4 89.1 133.7

77 44.8 36.6 54.8

79 43.8 35.2 52.8

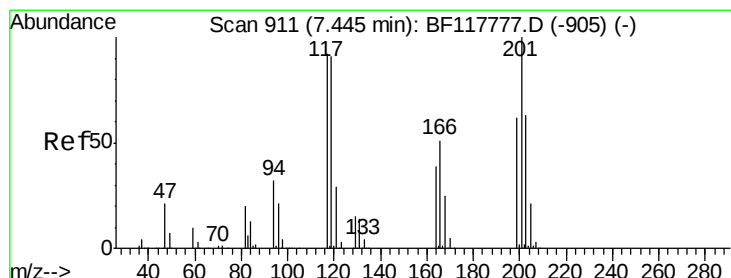
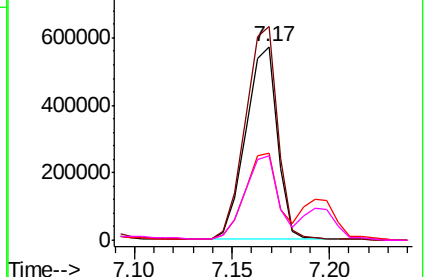
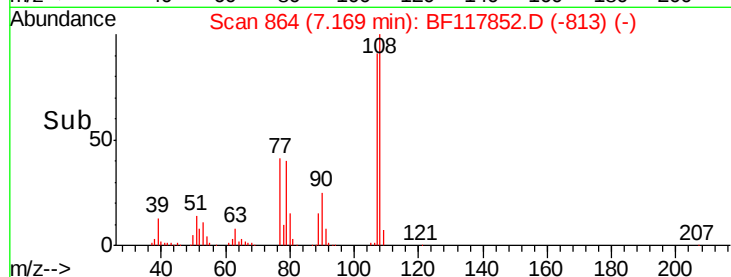


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.077 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

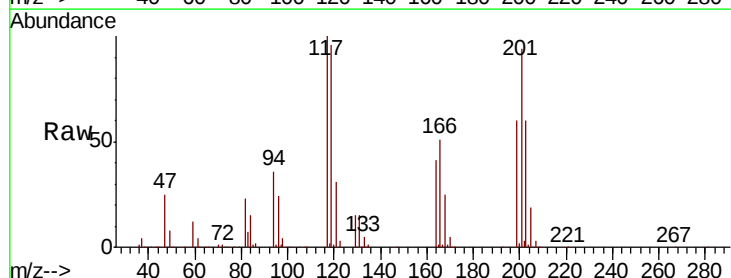
Tgt Ion:117 Resp: 330649

Ion Ratio Lower Upper

117 100

119 95.9 78.7 118.1

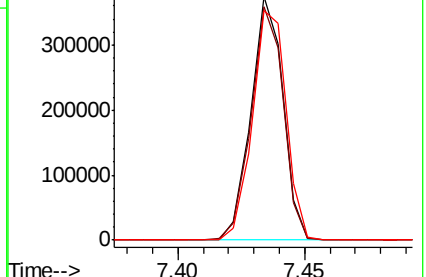
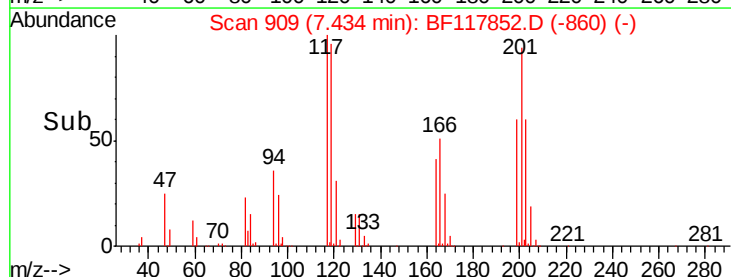
201 94.4 86.5 129.7

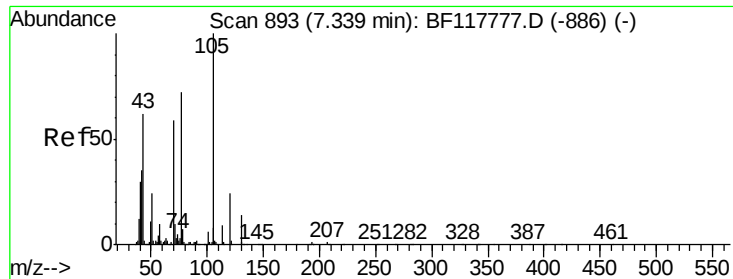


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

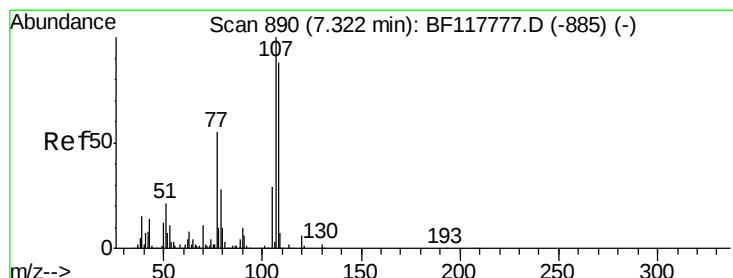
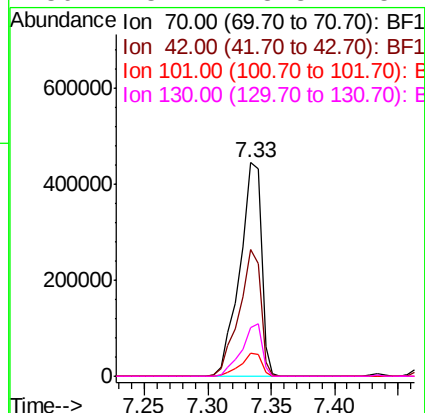
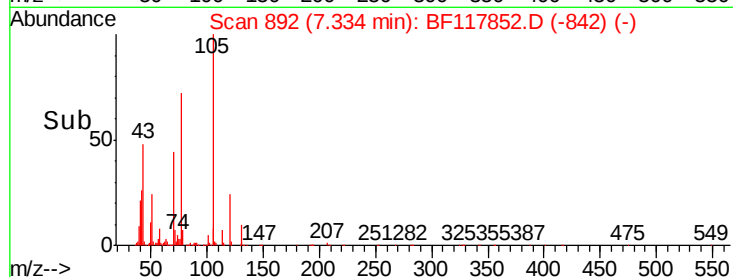
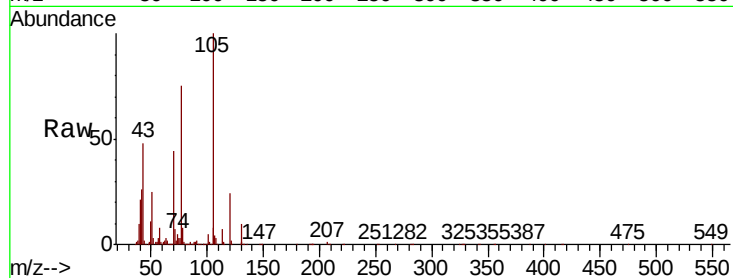




#19
n-Nitroso-di-n-propylamine
Concen: 39.460 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF117852.D
Acq: 19 Nov 2019 11:56

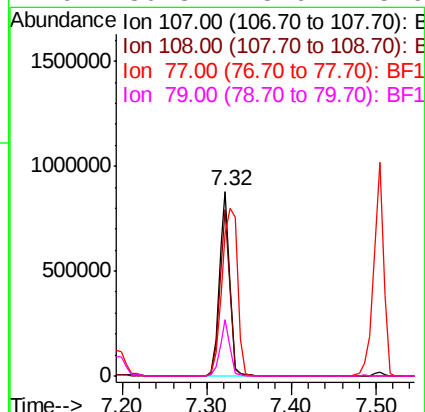
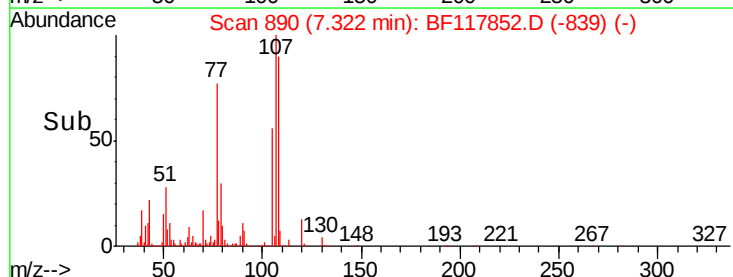
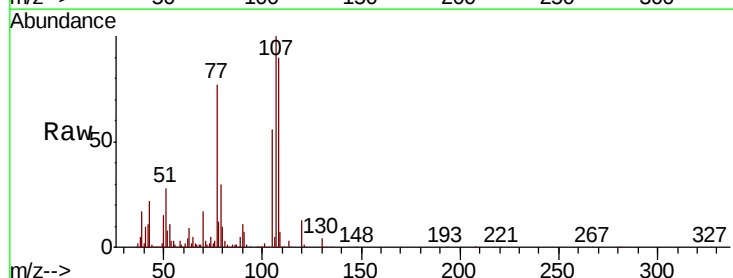
Instrument :
BNA_F
ClientSampleId :

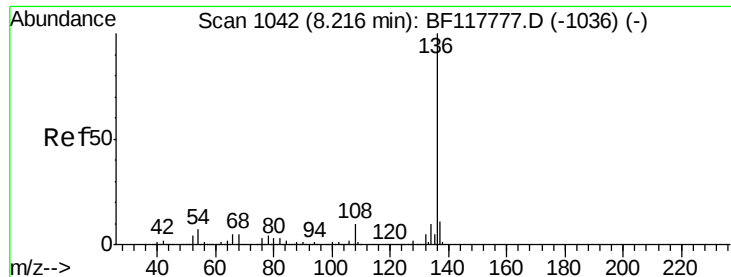
Tot Ion:	70	Resp:	523764
Ion	Ratio	Lower	Upper
70	100		
42	59.2	47.4	71.2
101	10.6	8.4	12.6
130	23.1	18.8	28.2



#20
3+4-Methylphenols
Concen: 38.161 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF117852.D
Acq: 19 Nov 2019 11:56

Tgt Ion:	107	Resp:	776471
Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.4	108.4
77	76.8	35.2	75.2#
79	30.3	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: BF117852.D

Acq: 19 Nov 2019 11:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1186212

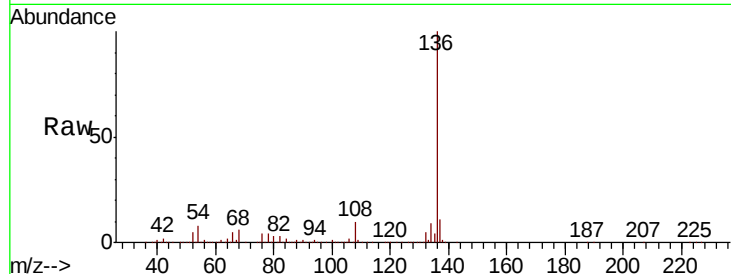
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 7.7 5.4 8.2

68 5.7 4.3 6.5

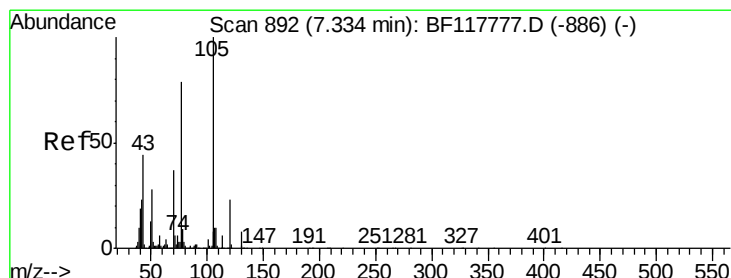
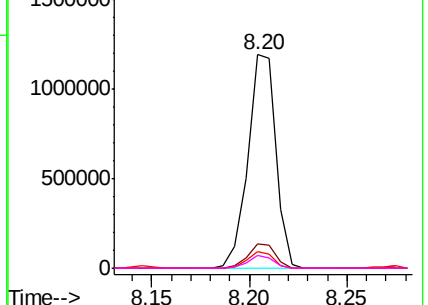
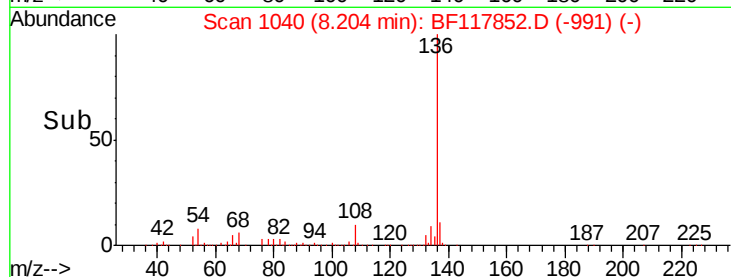


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.301 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

Tgt Ion:105 Resp: 1047392

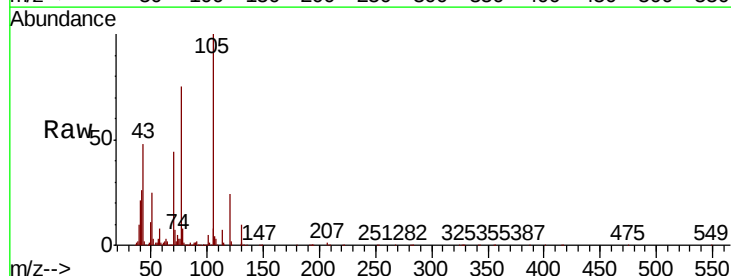
Ion Ratio Lower Upper

105 100

71 7.3 4.9 7.3

51 25.3 22.7 34.1

120 24.1 18.5 27.7

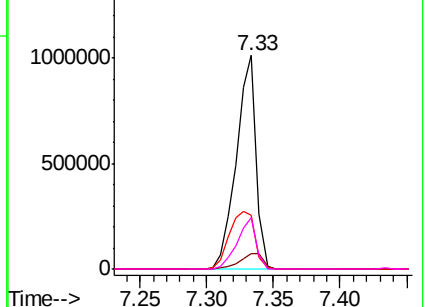
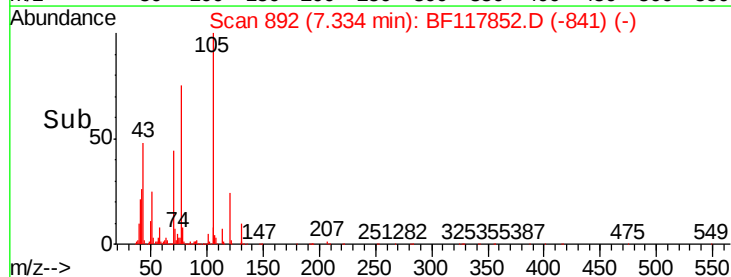


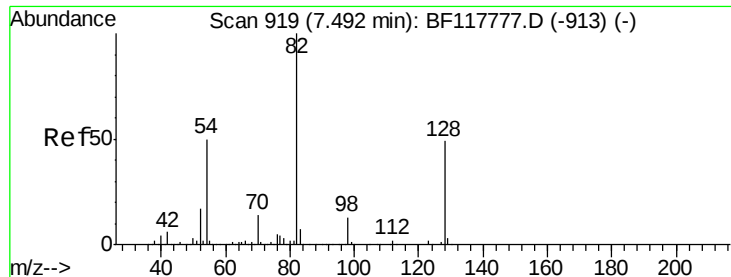
Abundance Ion 105.00 (104.70 to 105.70): E

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

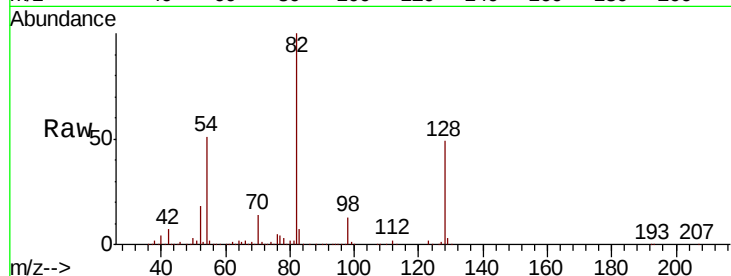




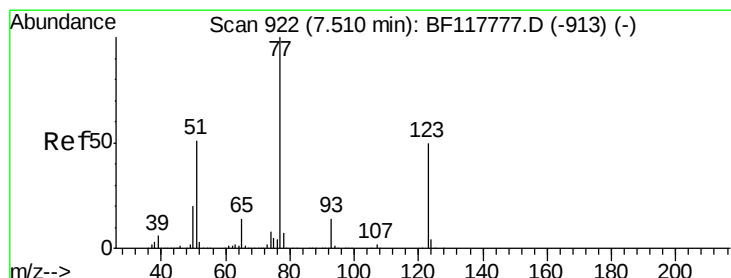
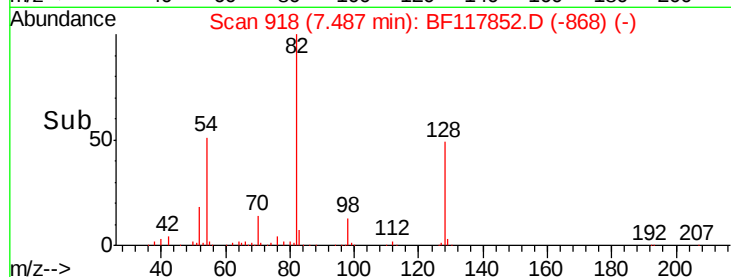
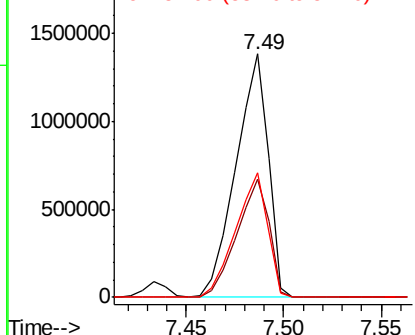
#23
Nitrobenzene-d5
Concen: 79.225 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF117852.D
Acq: 19 Nov 2019 11:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1580899
Ion Ratio Lower Upper
82 100
128 48.7 38.9 58.3
54 51.1 39.8 59.6

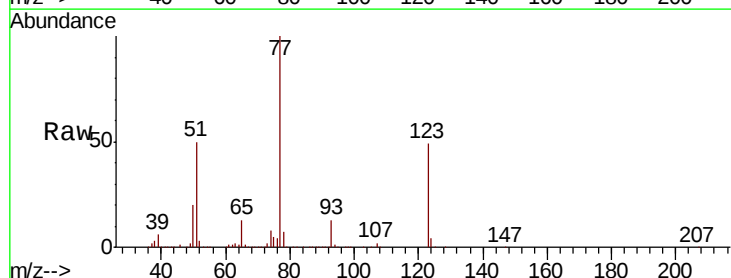


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

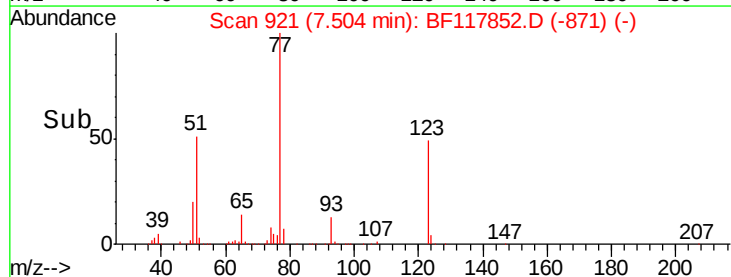
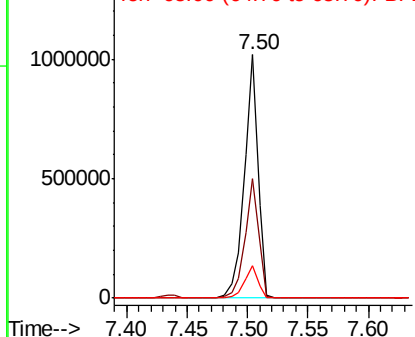


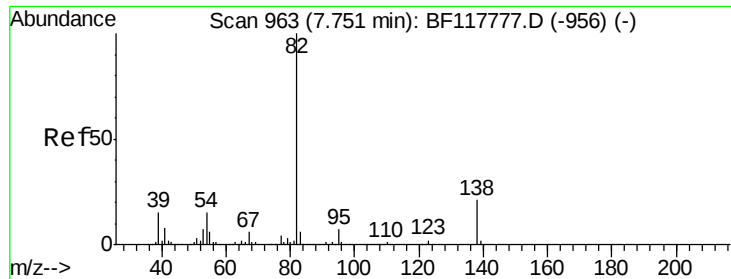
#24
Nitrobenzene
Concen: 39.237 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF117852.D
Acq: 19 Nov 2019 11:56

Tgt Ion: 77 Resp: 807721
Ion Ratio Lower Upper
77 100
123 49.1 40.3 60.5
65 13.4 10.9 16.3



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





#25

Isophorone

Concen: 38.791 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

Instrument :

BNA_F

ClientSampleId :

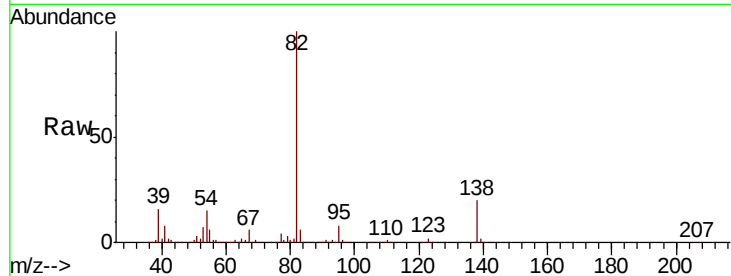
Tot Ion: 82 Resp: 1418733

Ion Ratio Lower Upper

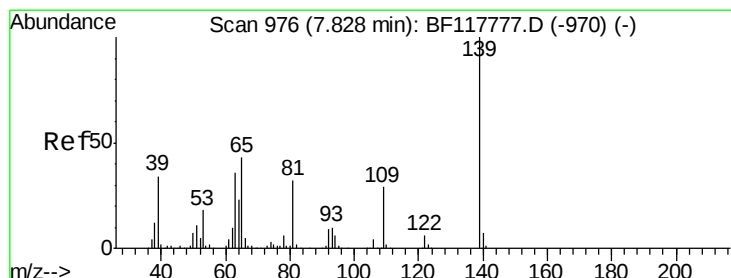
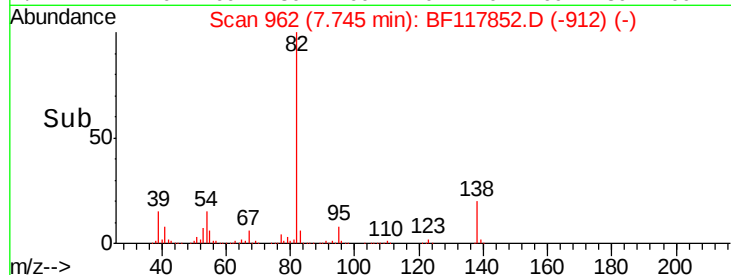
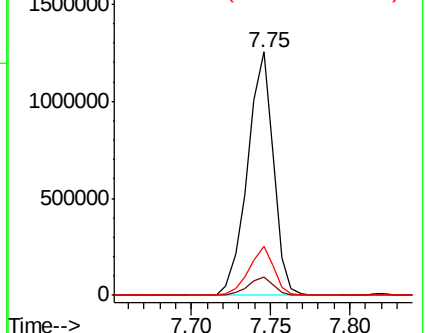
82 100

95 7.6 5.8 8.8

138 20.0 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: 40.710 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

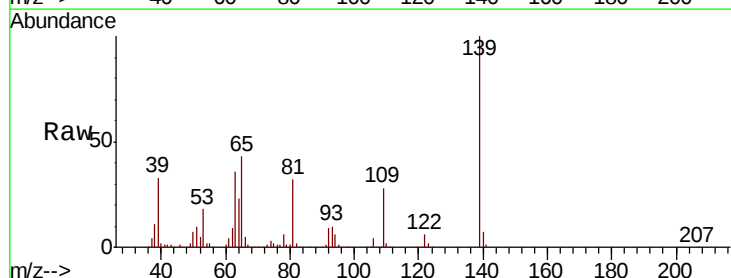
Tgt Ion: 139 Resp: 407896

Ion Ratio Lower Upper

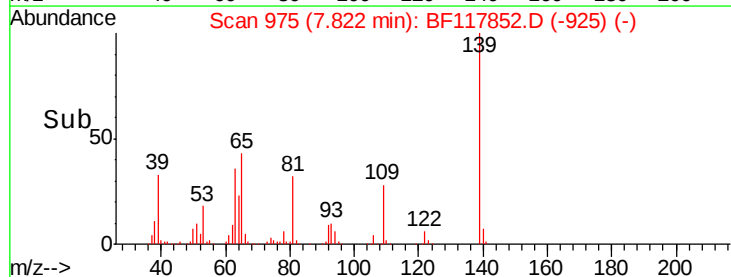
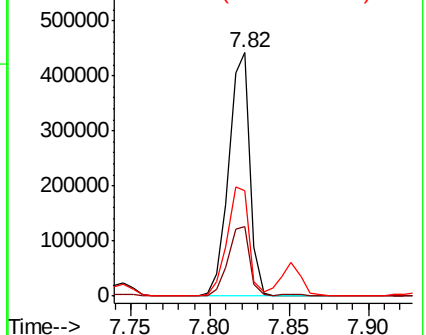
139 100

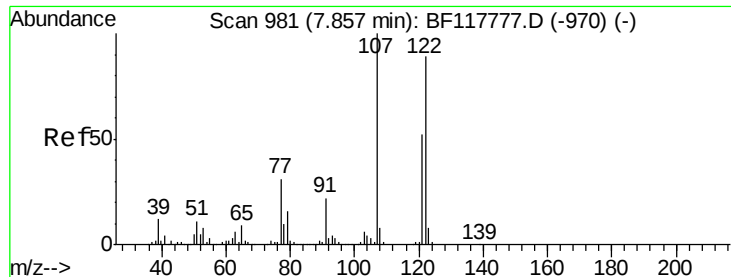
109 28.4 23.0 34.4

65 43.0 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: 39.636 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

Instrument :

BNA_F

ClientSampleId :

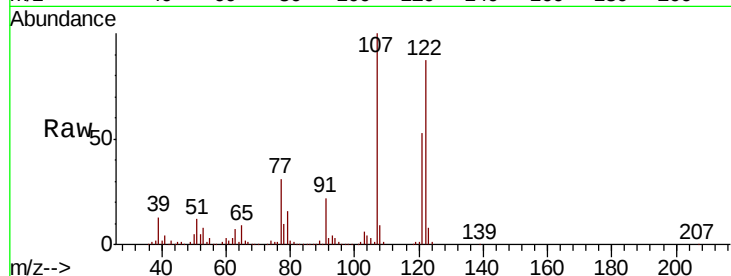
Tot Ion:122 Resp: 617107

Ion Ratio Lower Upper

122 100

107 115.1 90.0 135.0

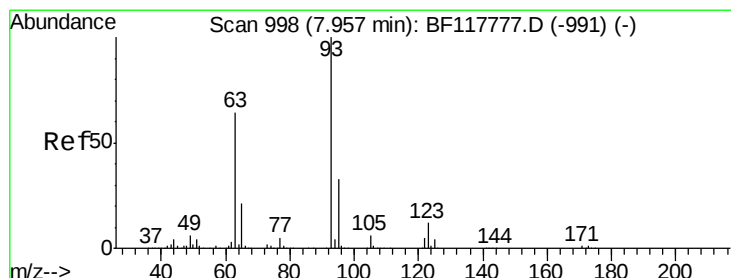
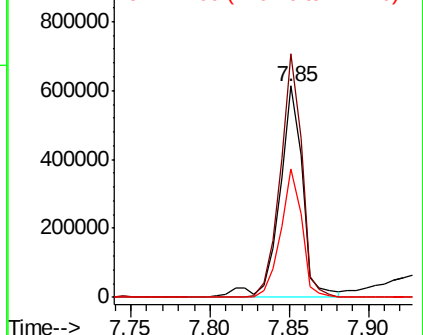
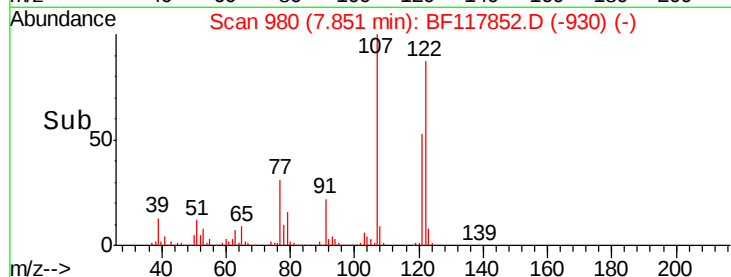
121 60.7 46.7 70.1



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: 38.765 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

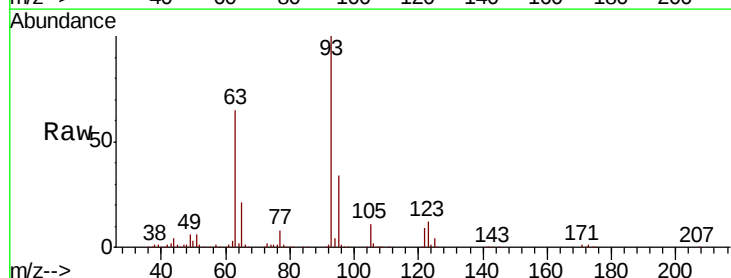
Tgt Ion: 93 Resp: 899672

Ion Ratio Lower Upper

93 100

95 33.6 26.6 40.0

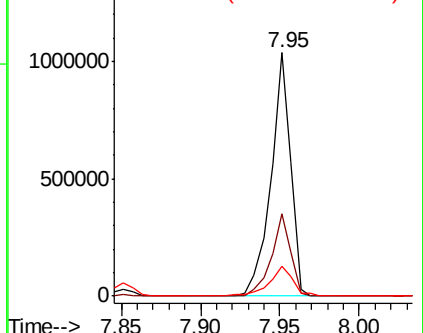
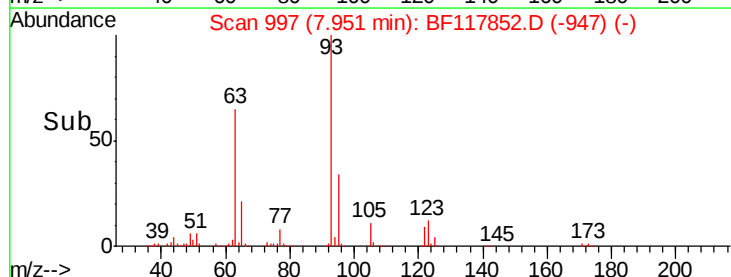
123 12.5 10.3 15.5

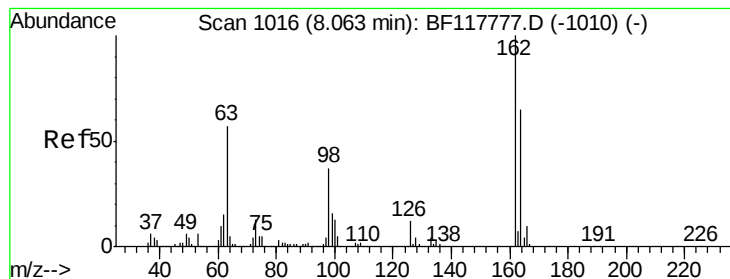


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.911 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

Instrument :

BNA_F

ClientSampleId :

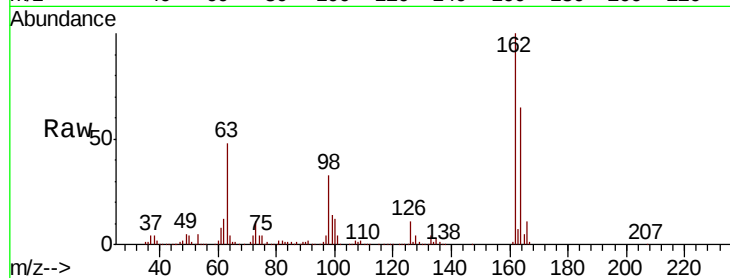
Tot Ion:162 Resp: 674028

Ion Ratio Lower Upper

162 100

164 64.7 45.1 85.1

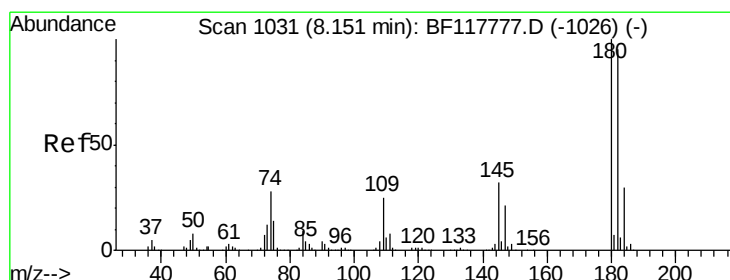
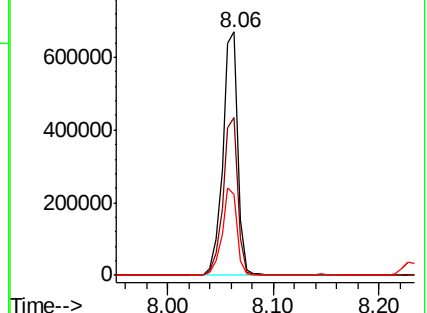
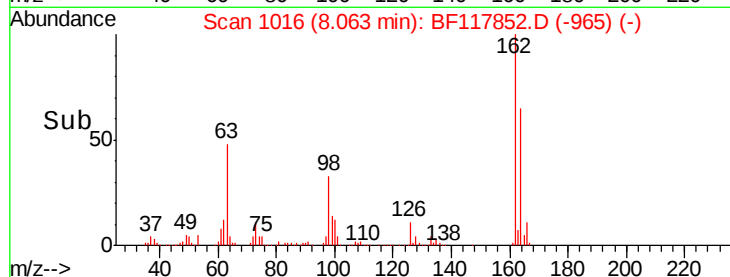
98 33.3 17.2 57.2



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: 39.317 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

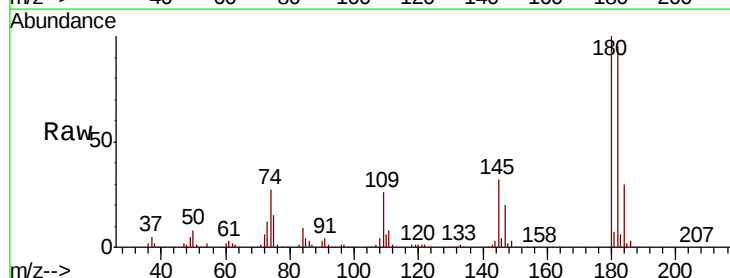
Tgt Ion:180 Resp: 770186

Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.6

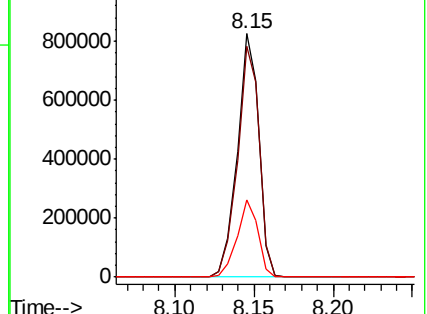
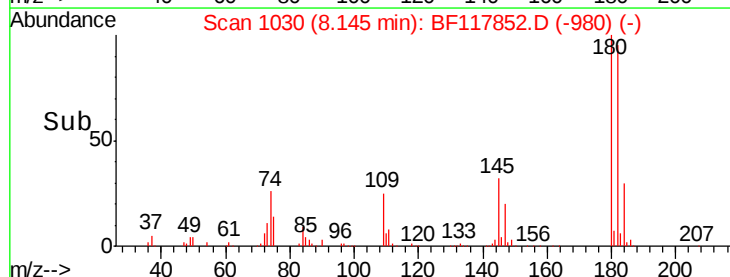
145 31.9 25.5 38.3

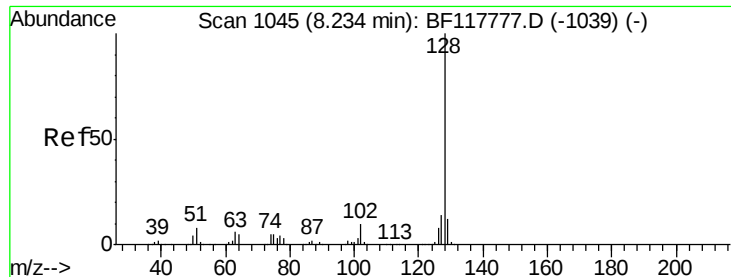


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

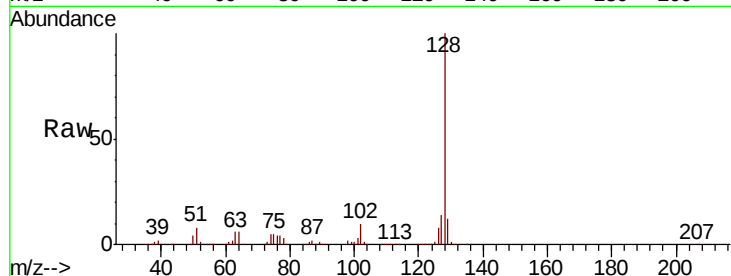




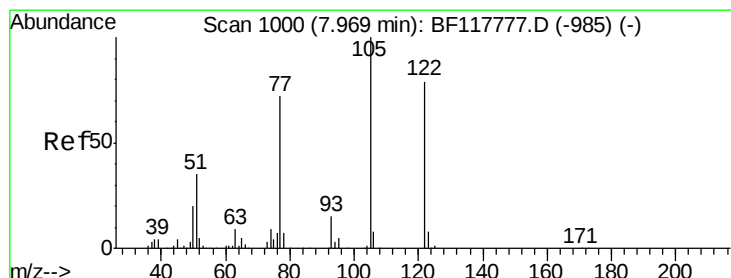
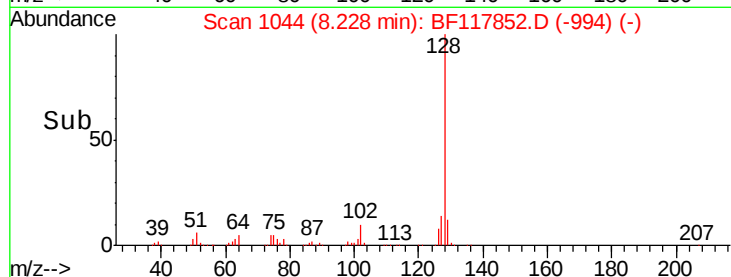
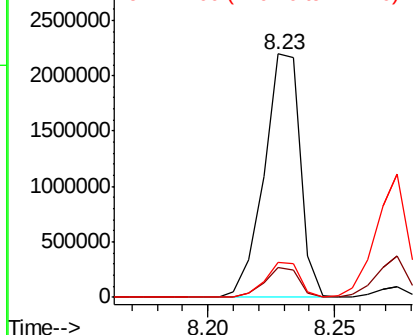
#31
Naphthalene
Concen: 39.666 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF117852.D
Acq: 19 Nov 2019 11:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 2193508
Ion Ratio Lower Upper
128 100
129 12.1 9.5 14.3
127 14.2 11.3 16.9

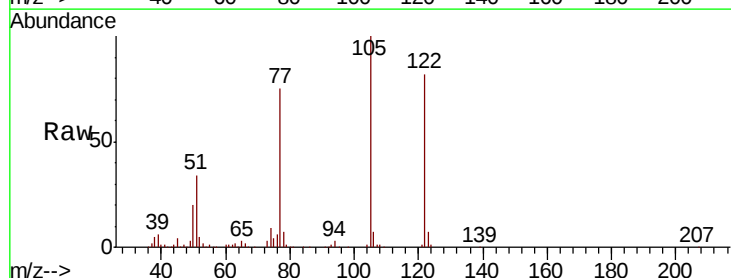


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

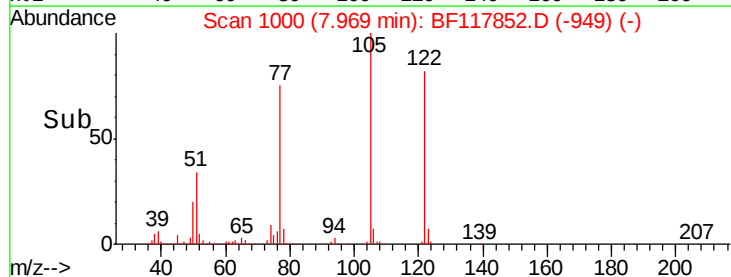
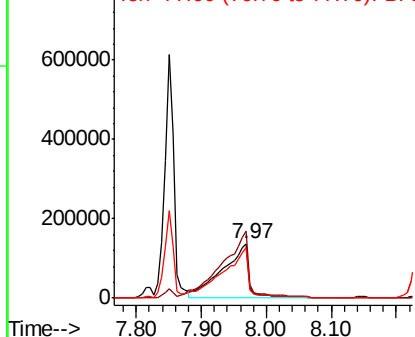


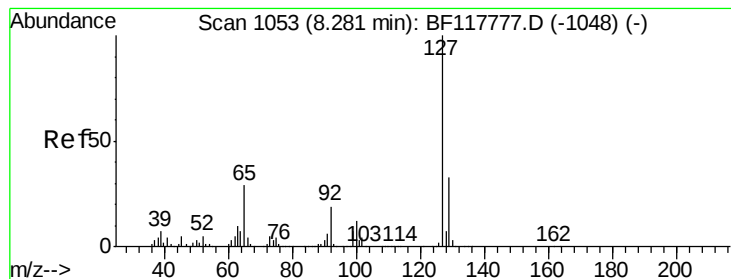
#32
Benzoic acid
Concen: 30.362 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF117852.D
Acq: 19 Nov 2019 11:56

Tgt Ion:122 Resp: 395813
Ion Ratio Lower Upper
122 100
105 122.6 102.7 142.7
77 91.8 70.5 110.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

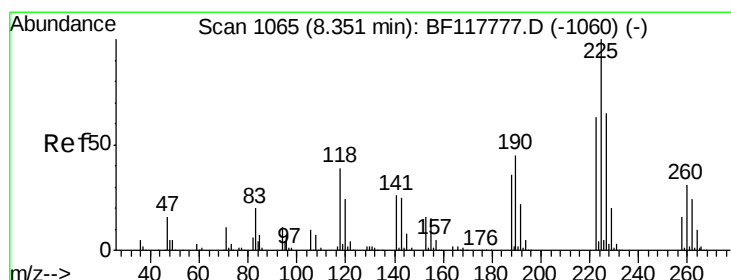
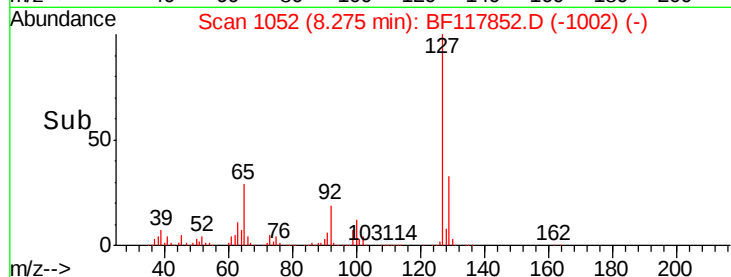
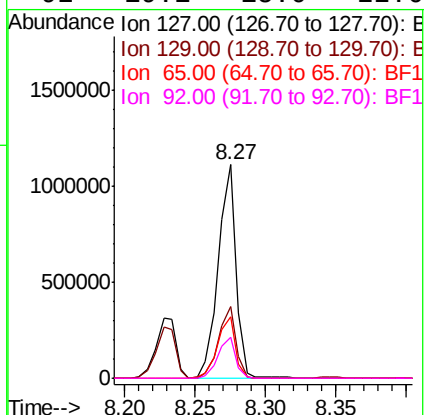
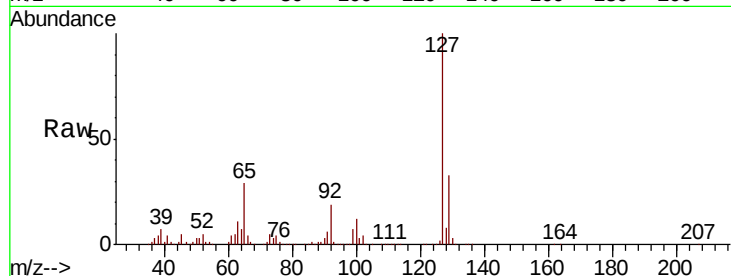




#33
 4-Chloroaniline
 Concen: 39.446 ng
 RT: 8.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF117852.D
 Acq: 19 Nov 2019 11:56

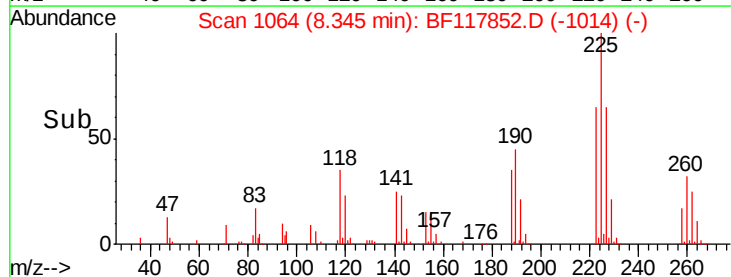
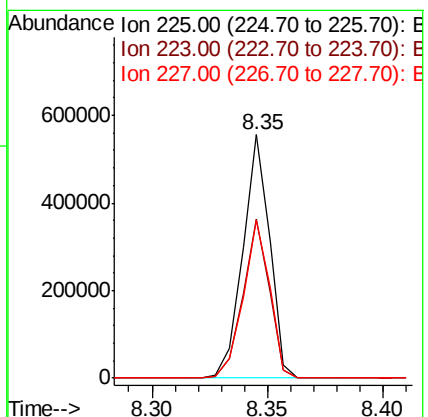
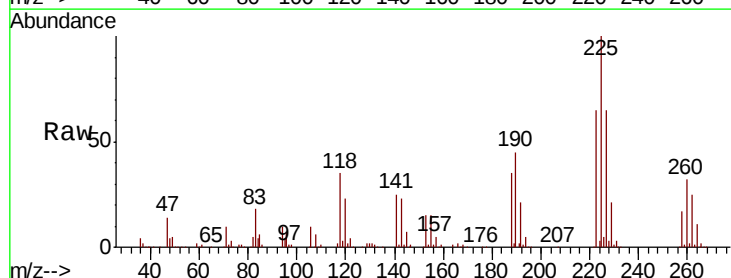
Instrument :
 BNA_F
 ClientSampleId :

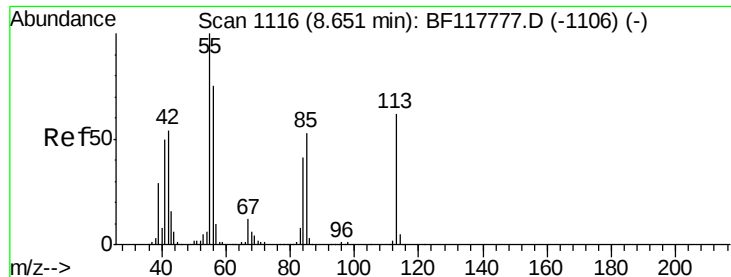
Tot Ion:	127	Resp:	976546
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.5	39.7
65	28.7	22.9	34.3
92	19.1	15.0	22.6



#34
 Hexachlorobutadiene
 Concen: 39.215 ng
 RT: 8.35 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF117852.D
 Acq: 19 Nov 2019 11:56

Tgt Ion:	225	Resp:	449142
Ion	Ratio	Lower	Upper
225	100		
223	65.3	50.0	75.0
227	64.9	51.8	77.6

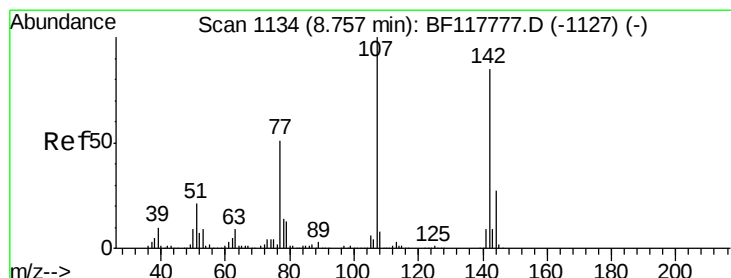
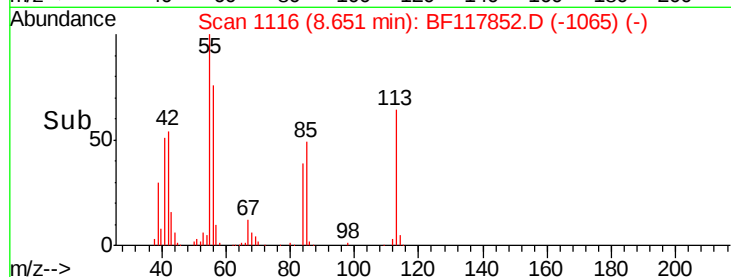
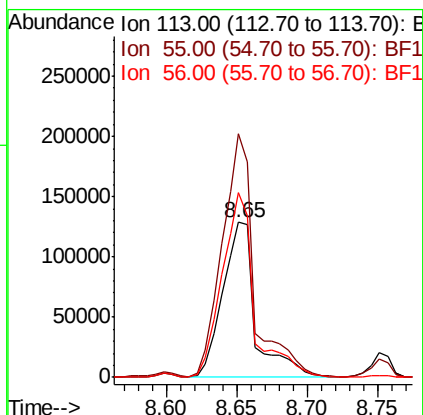
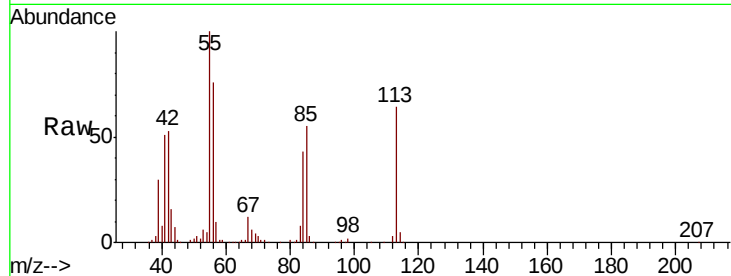




#35
 Caprolactam
 Concen: 38.706 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF117852.D
 Acq: 19 Nov 2019 11:56

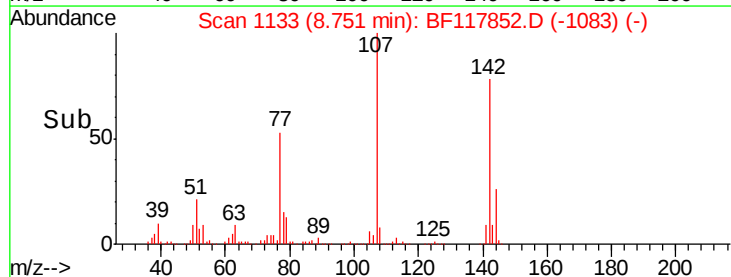
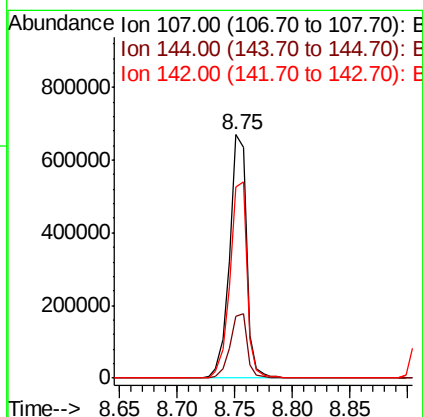
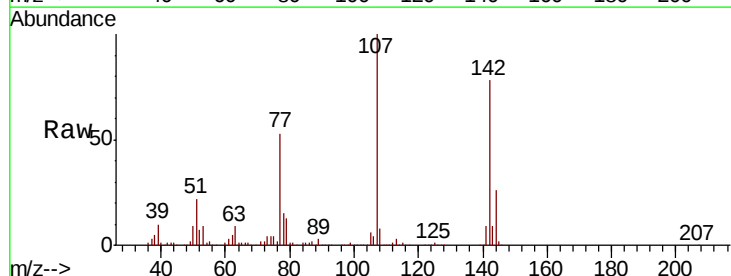
Instrument :
 BNA_F
 ClientSampleId :

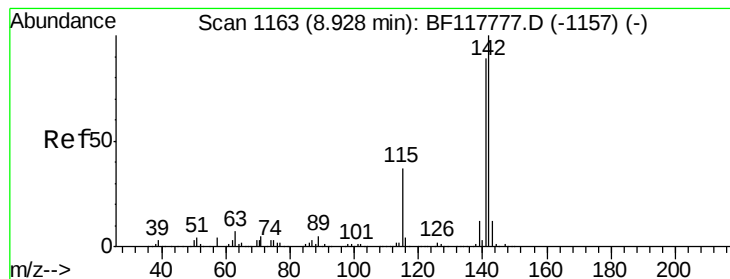
Tot Ion:113 Resp: 207750
 Ion Ratio Lower Upper
 113 100
 55 157.4 141.1 181.1
 56 119.3 100.5 140.5



#36
 4-Chloro-3-methylphenol
 Concen: 39.843 ng
 RT: 8.75 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BF117852.D
 Acq: 19 Nov 2019 11:56

Tgt Ion:107 Resp: 682881
 Ion Ratio Lower Upper
 107 100
 144 25.6 21.9 32.9
 142 78.5 67.7 101.5





#37

2-Methylnaphthalene

Concen: 39.561 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

Instrument :

BNA_F

ClientSampleId :

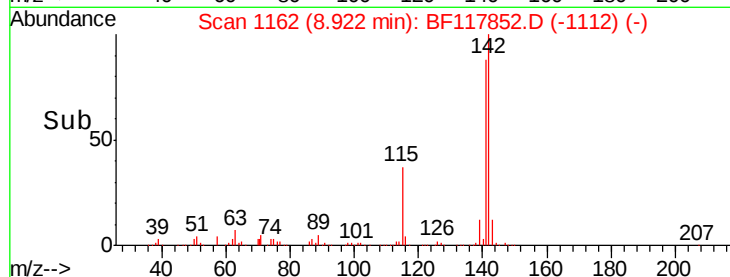
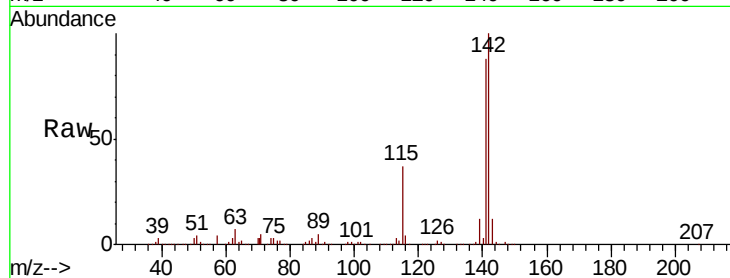
Tot Ion:142 Resp: 1478178

Ion Ratio Lower Upper

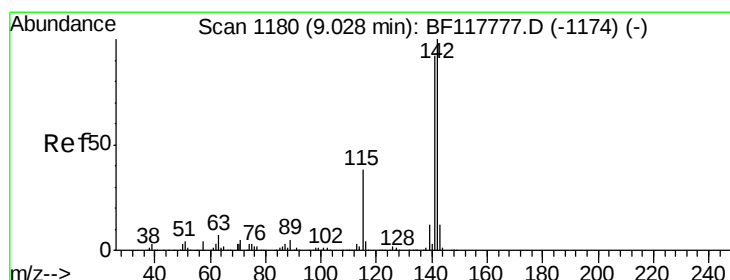
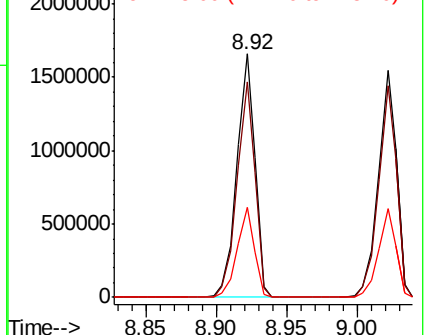
142 100

141 88.5 71.1 106.7

115 37.1 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: 39.362 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

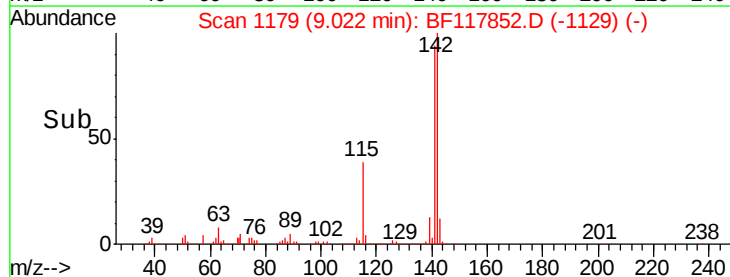
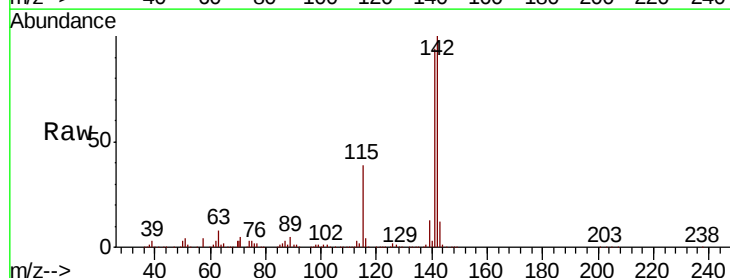
Tgt Ion:142 Resp: 1390418

Ion Ratio Lower Upper

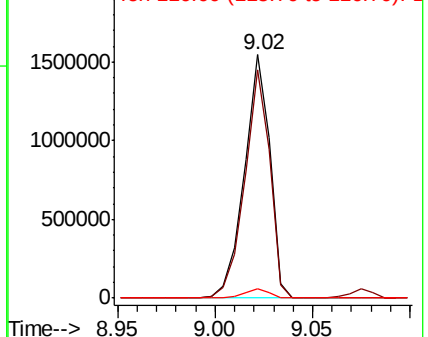
142 100

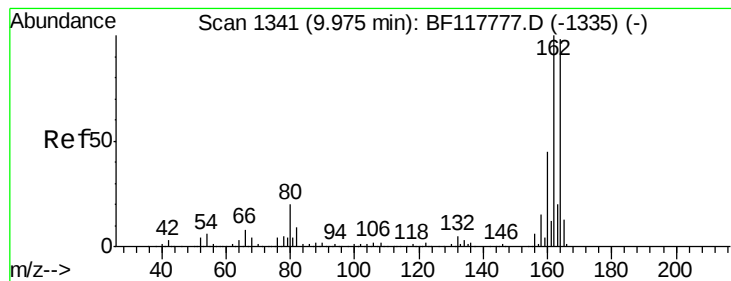
141 93.6 73.5 110.3

116 4.1 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: BF117852.D

Acq: 19 Nov 2019 11:56

Instrument :

BNA_F

ClientSampleId :

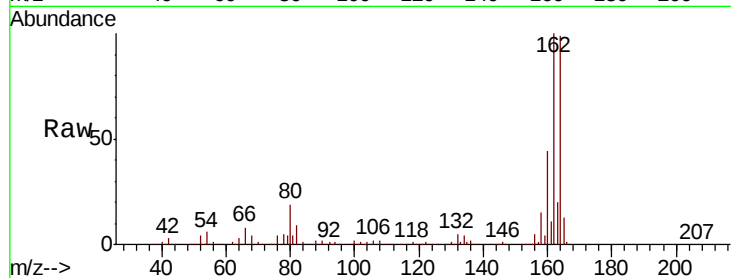
Tot Ion:164 Resp: 620959

Ion Ratio Lower Upper

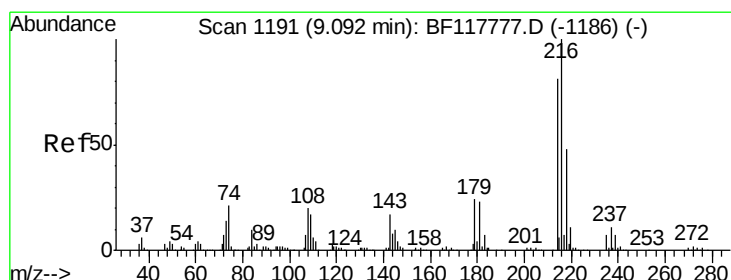
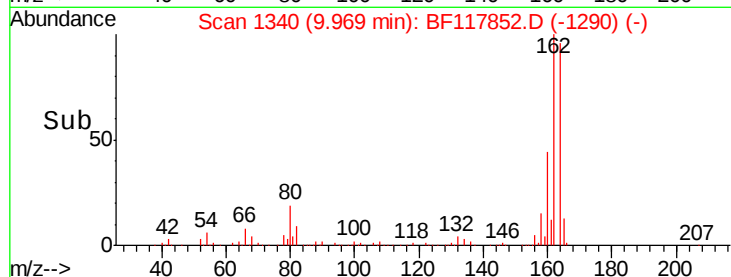
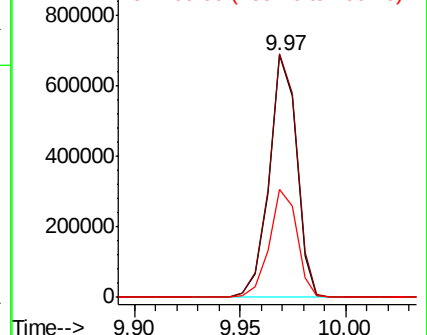
164 100

162 100.6 81.3 121.9

160 44.5 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.473 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

Tgt Ion:216 Resp: 711828

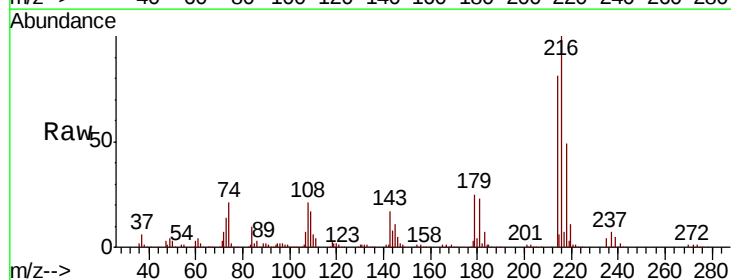
Ion Ratio Lower Upper

216 100

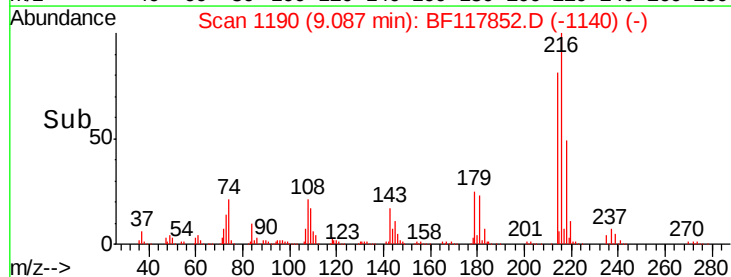
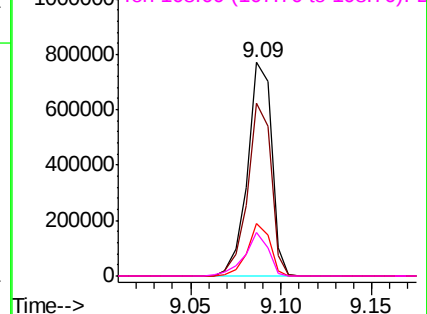
214 78.8 63.4 95.0

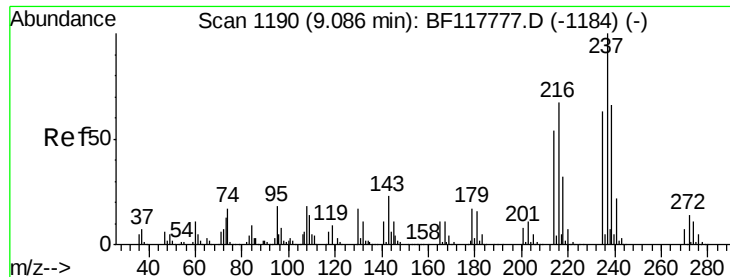
179 22.9 18.2 27.4

108 19.9 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: 38.594 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

Instrument :

BNA_F

ClientSampled :

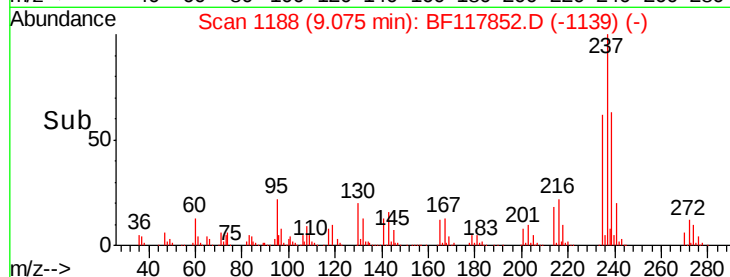
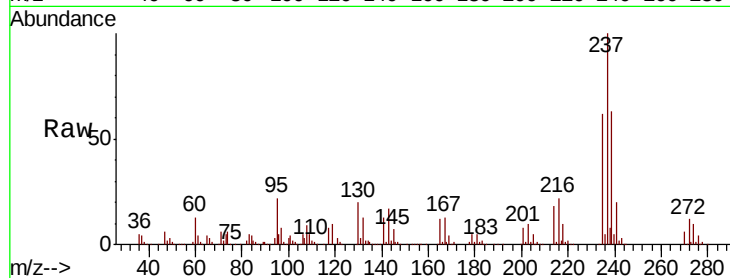
Tot Ion:237 Resp: 390021

Ion Ratio Lower Upper

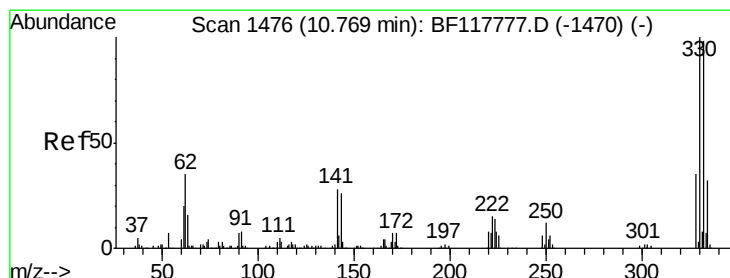
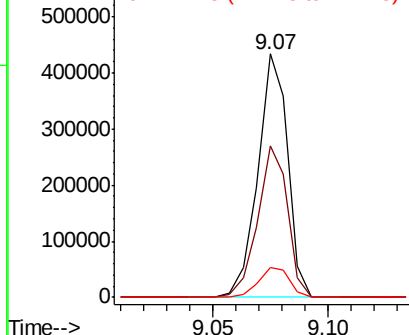
237 100

235 62.1 42.6 82.6

272 12.5 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: 79.686 ng

RT: 10.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

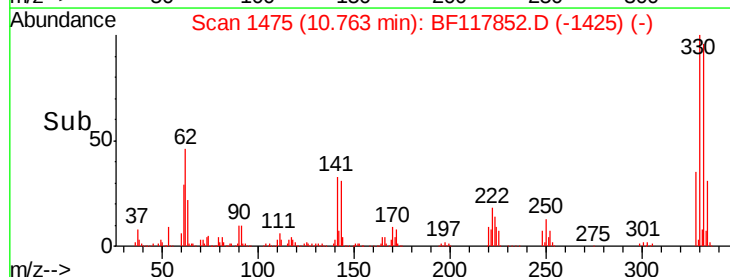
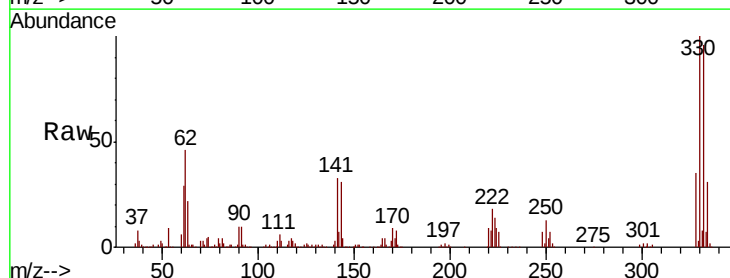
Tgt Ion:330 Resp: 523861

Ion Ratio Lower Upper

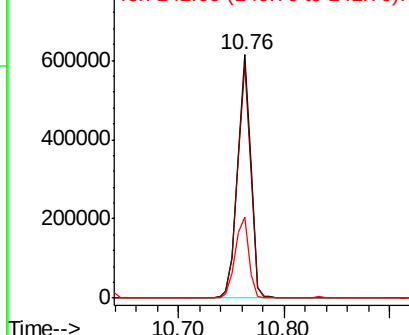
330 100

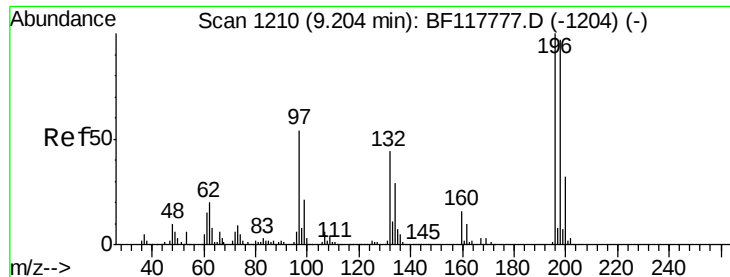
332 96.7 76.7 115.1

141 34.7 27.7 41.5



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

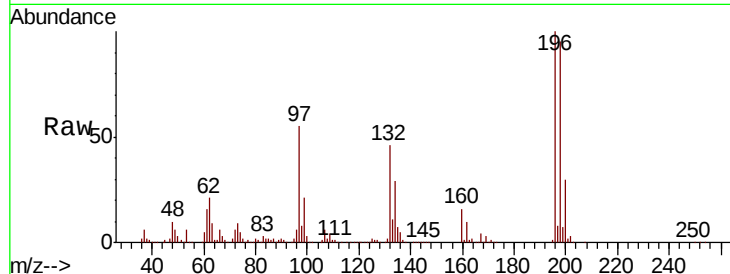




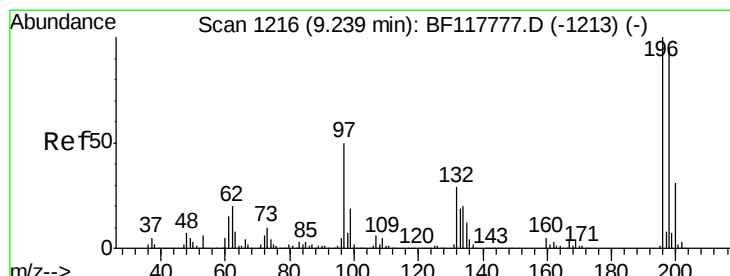
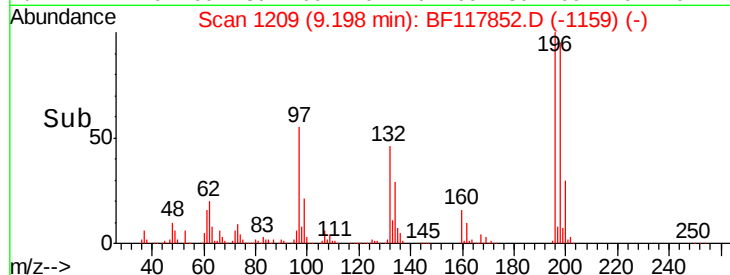
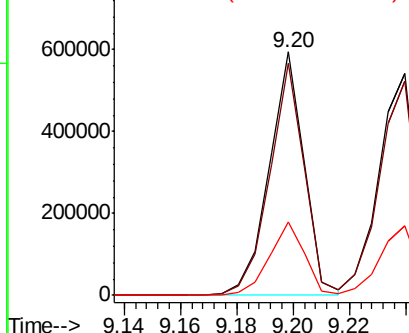
#43
 2,4,6-Trichlorophenol
 Concen: 39.286 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF117852.D
 Acq: 19 Nov 2019 11:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	507444
Ion Ratio	Lower	Upper	
196	100		
198	95.1	77.8	116.6
200	30.4	25.4	38.0



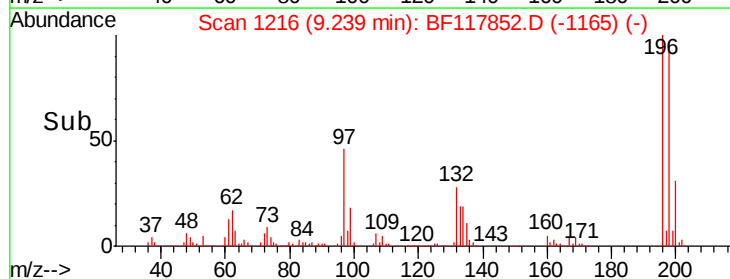
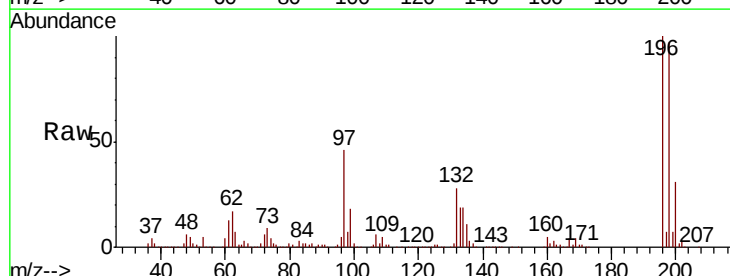
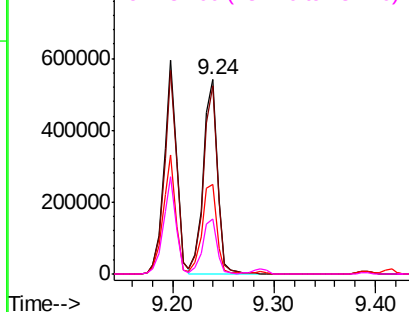
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

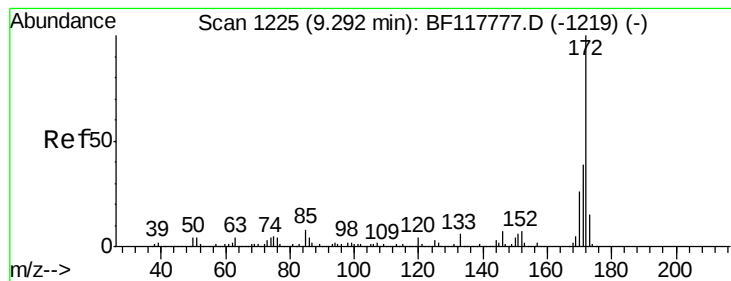


#44
 2,4,5-Trichlorophenol
 Concen: 38.956 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF117852.D
 Acq: 19 Nov 2019 11:56

Tgt Ion	196	Resp	522429
Ion Ratio	Lower	Upper	
196	100		
198	96.5	76.3	114.5
97	45.9	40.0	60.0
132	28.4	23.6	35.4

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

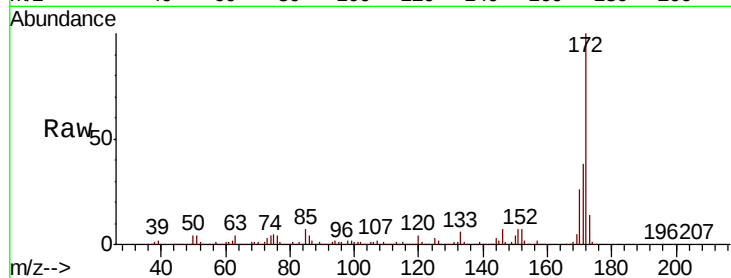




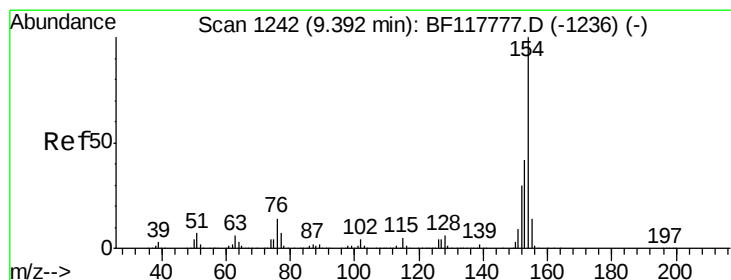
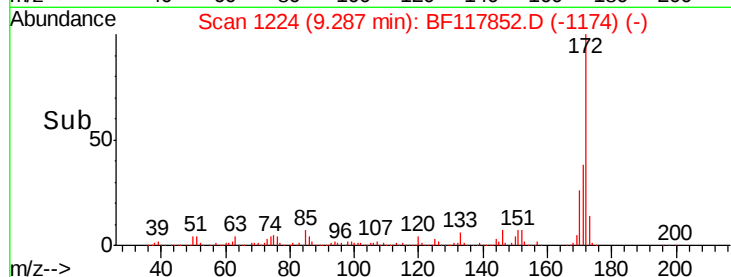
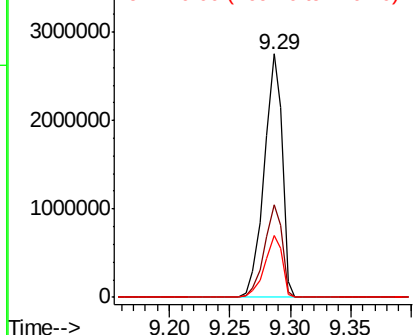
#45
2-Fluorobiphenyl
Concen: 82.900 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117852.D
Acq: 19 Nov 2019 11:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2869365
Ion Ratio Lower Upper
172 100
171 38.0 30.9 46.3
170 25.6 21.0 31.4

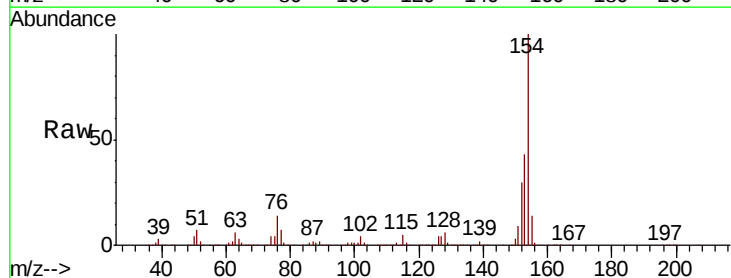


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

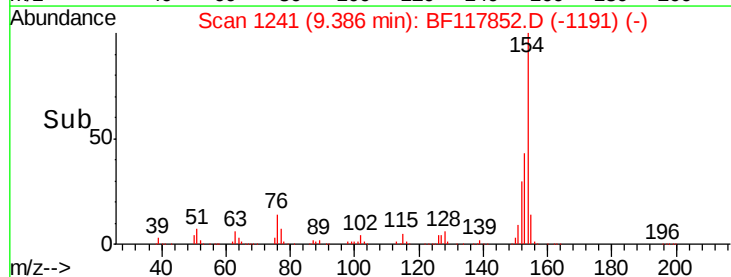
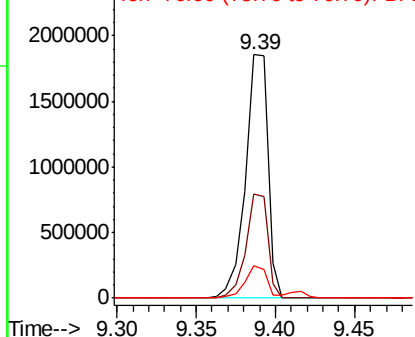


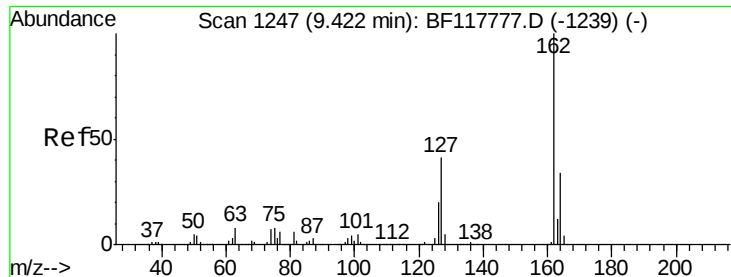
#46
1,1'-Biphenyl
Concen: 39.286 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BF117852.D
Acq: 19 Nov 2019 11:56

Tgt Ion:154 Resp: 1809862
Ion Ratio Lower Upper
154 100
153 43.0 21.9 61.9
76 13.5 0.0 33.6



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

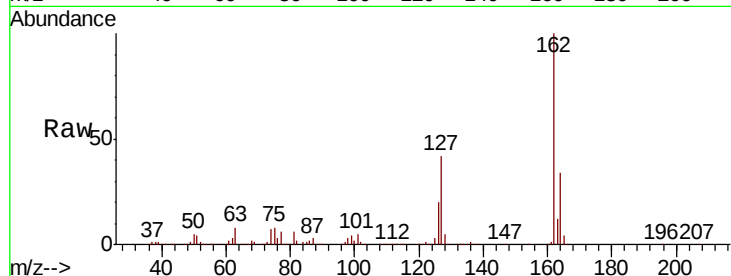




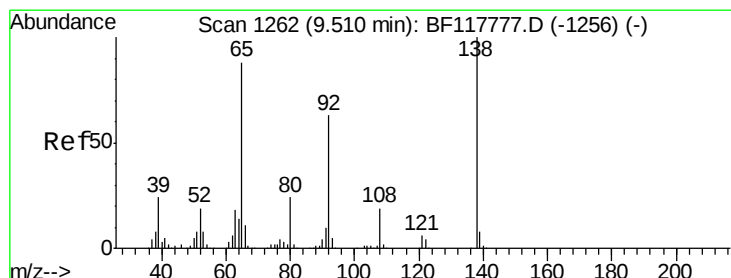
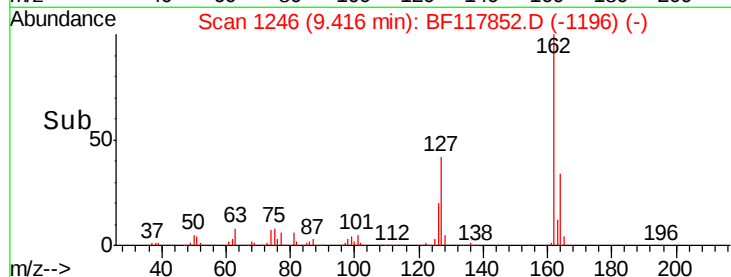
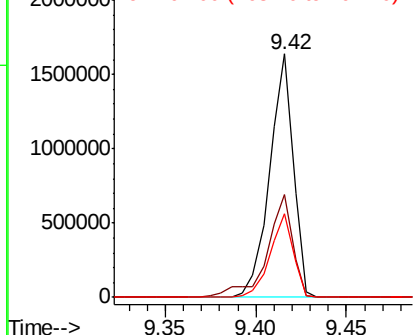
#47
 2-Chloronaphthalene
 Concen: 39.115 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF117852.D
 Acq: 19 Nov 2019 11:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1482416
 Ion Ratio Lower Upper
 162 100
 127 42.4 33.2 49.8
 164 34.1 27.3 40.9

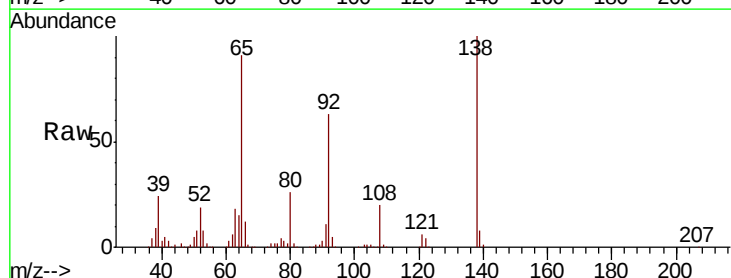


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

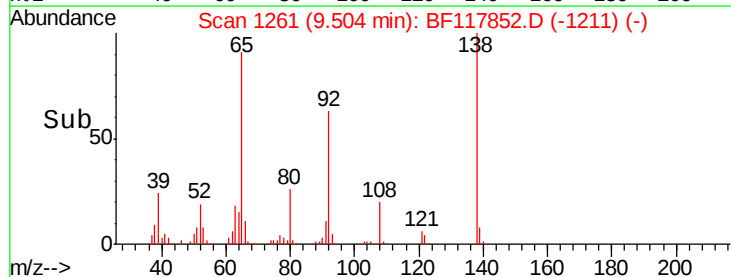
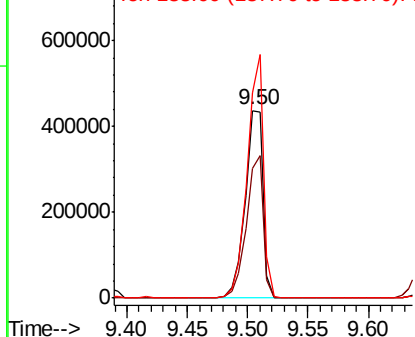


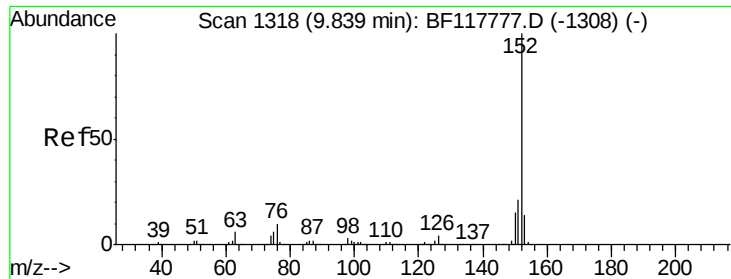
#48
 2-Nitroaniline
 Concen: 39.533 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BF117852.D
 Acq: 19 Nov 2019 11:56

Tgt Ion: 65 Resp: 452335
 Ion Ratio Lower Upper
 65 100
 92 69.5 56.6 84.8
 138 109.9 90.5 135.7



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.315 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

Instrument :

BNA_F

ClientSampleId :

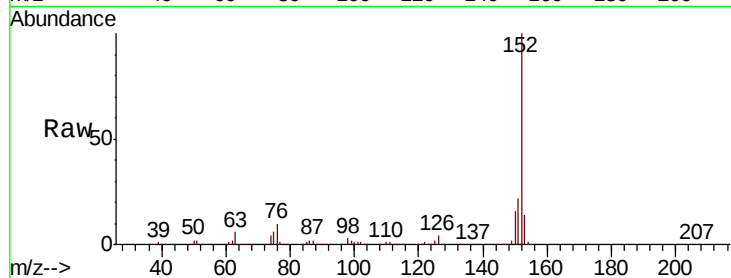
Tot Ion:152 Resp: 2172334

Ion Ratio Lower Upper

152 100

151 21.8 17.0 25.6

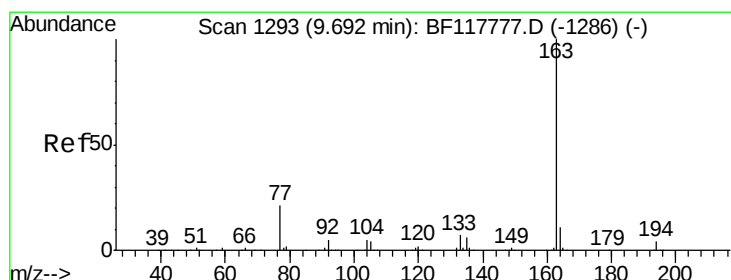
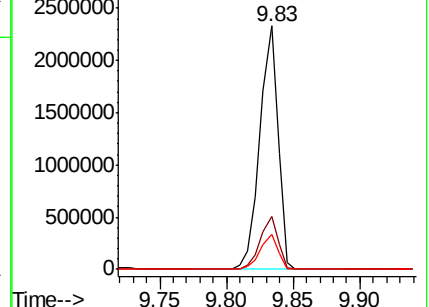
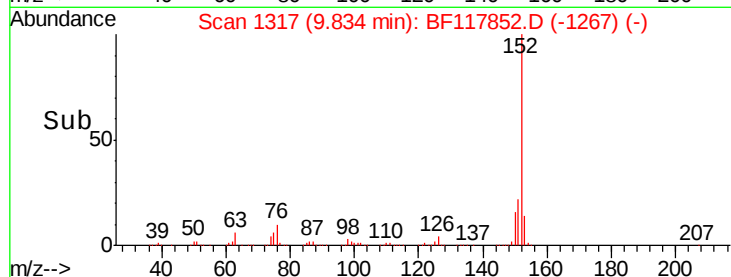
153 14.3 11.0 16.6



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: 39.365 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

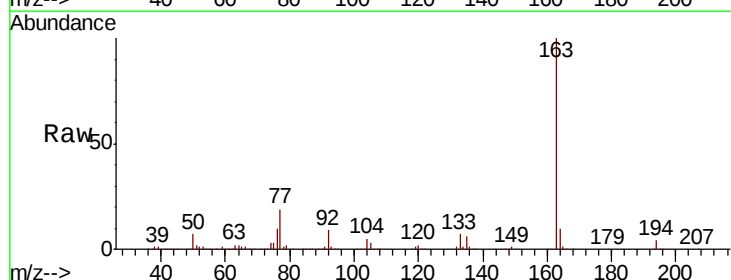
Tgt Ion:163 Resp: 1714127

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

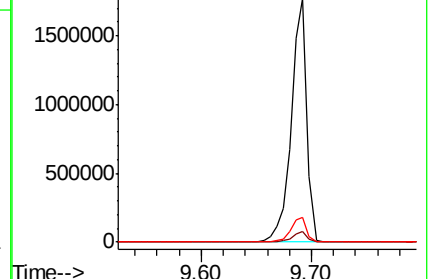
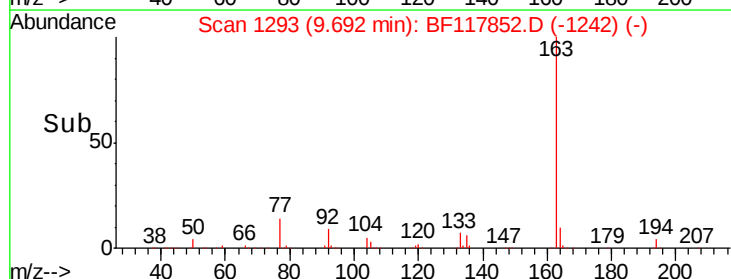
164 10.3 8.7 13.1

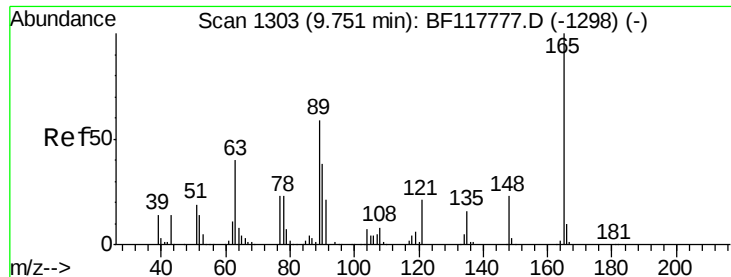


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.251 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

Instrument :

BNA_F

ClientSampled :

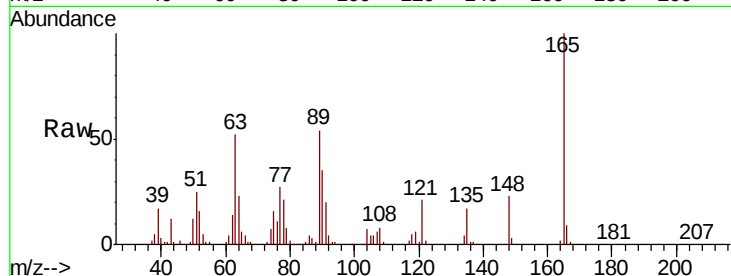
Tot Ion:165 Resp: 373544

Ion Ratio Lower Upper

165 100

63 52.5 46.0 69.0

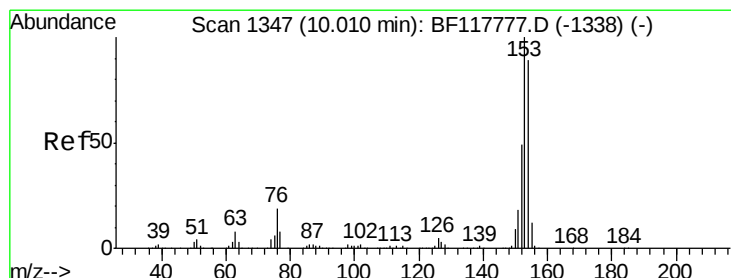
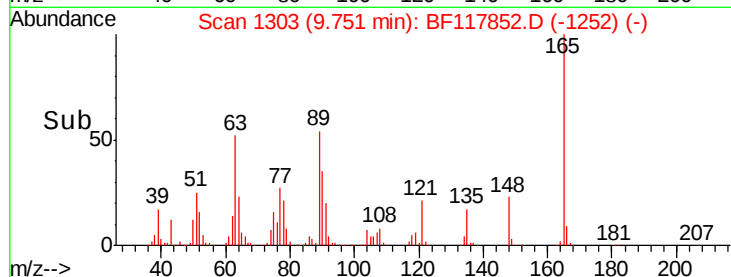
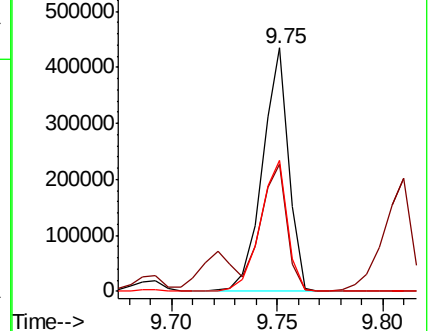
89 53.7 47.7 71.5



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: 39.510 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

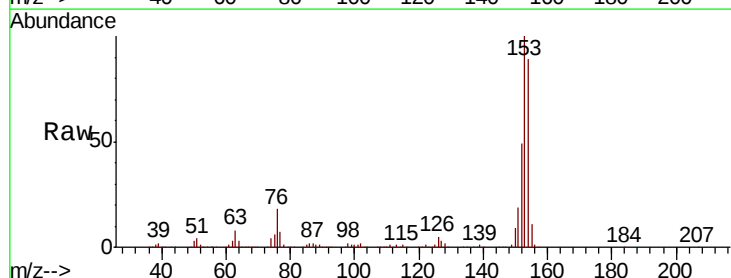
Tgt Ion:154 Resp: 1398503

Ion Ratio Lower Upper

154 100

153 111.9 90.1 135.1

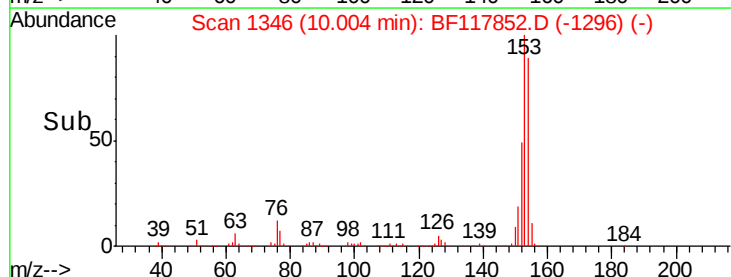
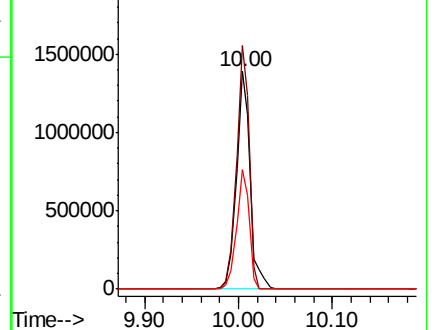
152 54.8 44.0 66.0

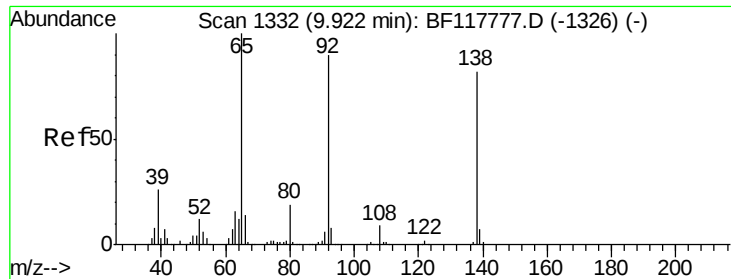


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

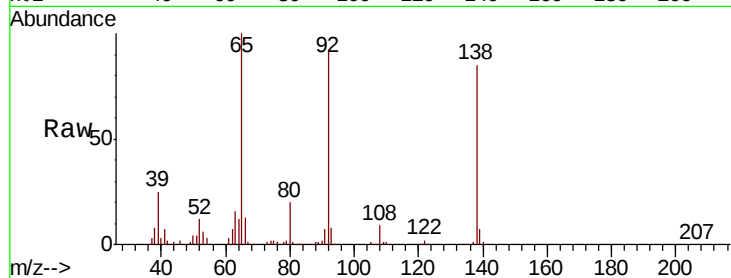




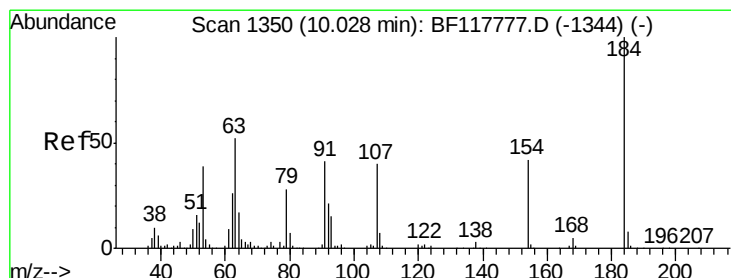
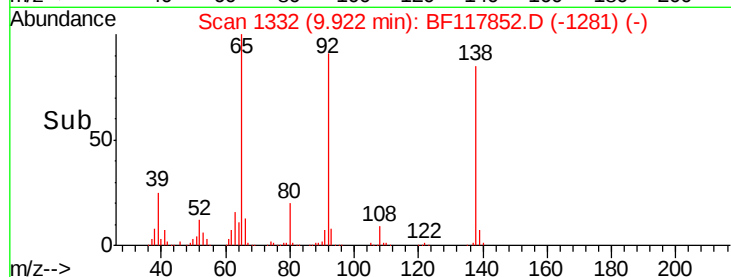
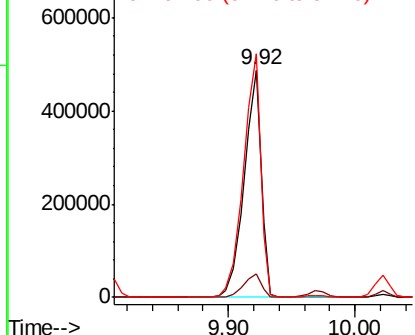
#53
3-Nitroaniline
Concen: 39.642 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF117852.D
Acq: 19 Nov 2019 11:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 451422
Ion Ratio Lower Upper
138 100
108 10.3 8.6 12.8
92 107.2 87.9 131.9

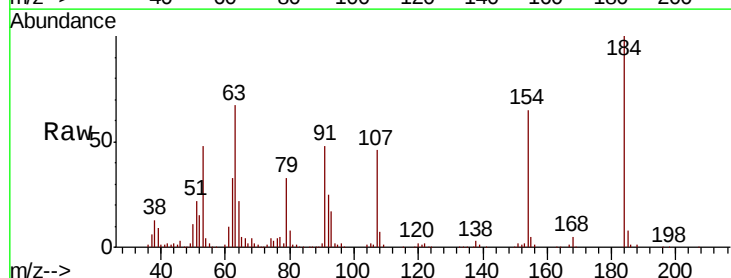


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

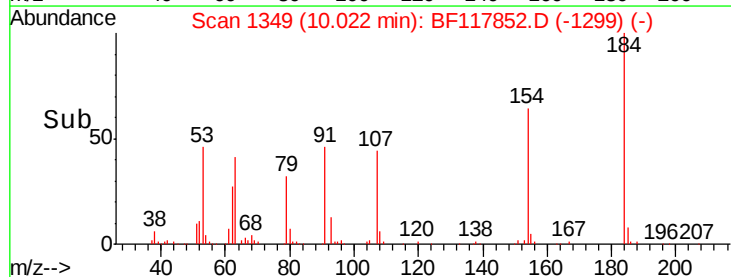
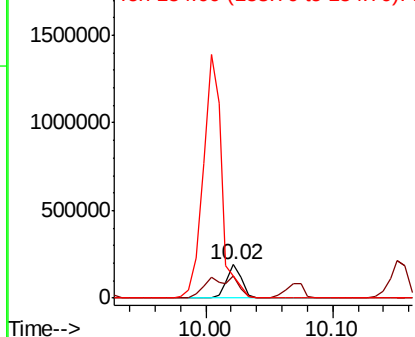


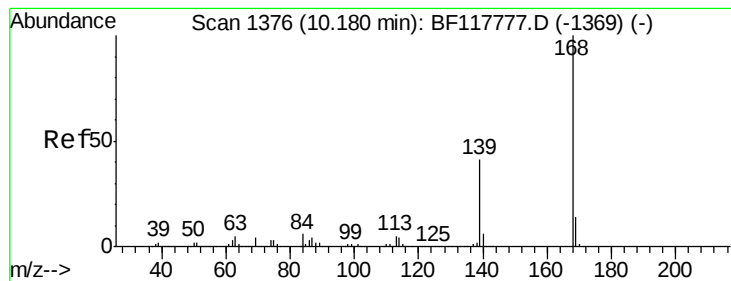
#54
2,4-Dinitrophenol
Concen: 36.421 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF117852.D
Acq: 19 Nov 2019 11:56

Tgt Ion:184 Resp: 156940
Ion Ratio Lower Upper
184 100
63 66.8 43.0 64.6#
154 64.5 48.0 72.0



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





#55

Dibenzenofuran

Concen: 39.855 ng

RT: 10.18 min Scan# 1376

Delta R.T. 0.00 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

Instrument :

BNA_F

ClientSampleId :

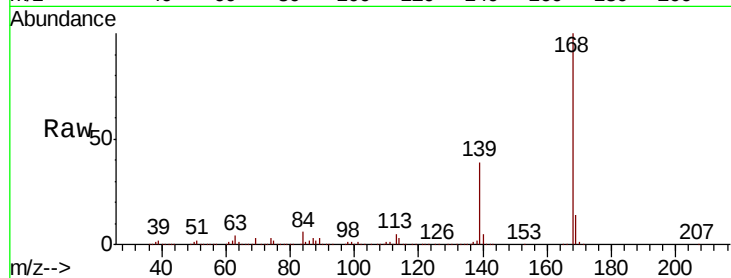
Tot Ion:168 Resp: 1953515

Ion Ratio Lower Upper

168 100

139 39.1 33.0 49.6

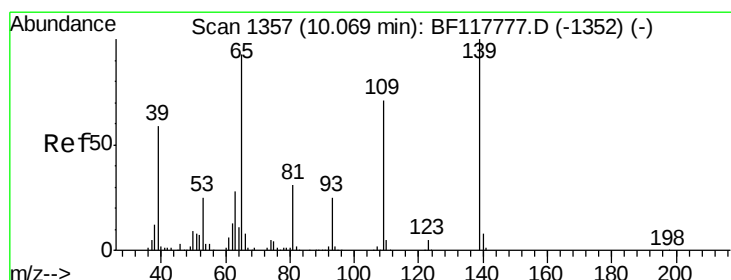
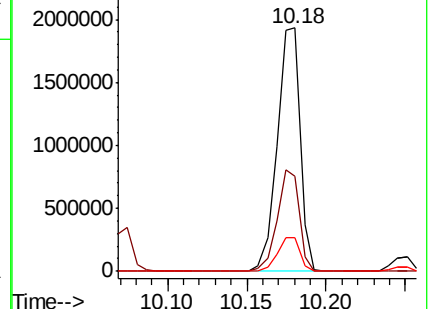
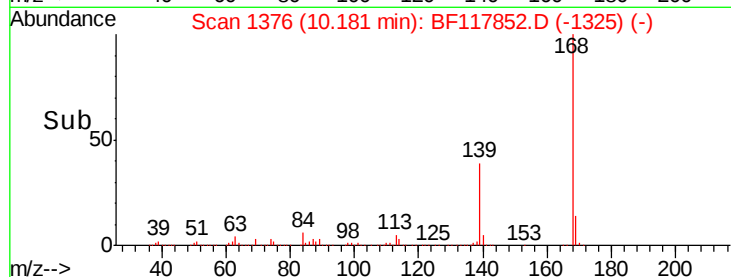
169 13.9 11.5 17.3



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: 39.051 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.01 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

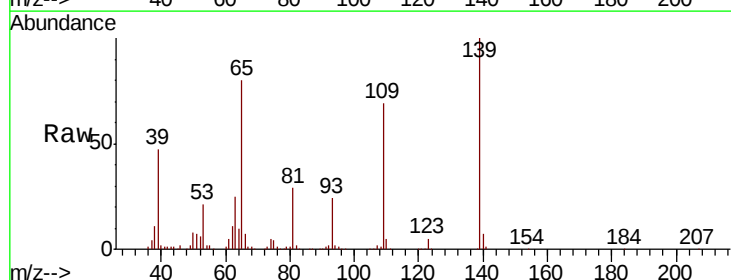
Tgt Ion:139 Resp: 331935

Ion Ratio Lower Upper

139 100

109 69.1 50.8 90.8

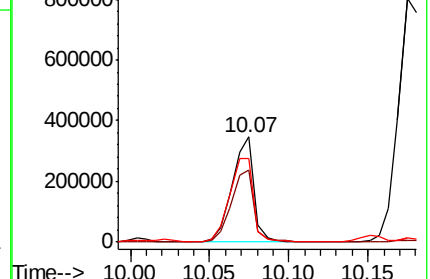
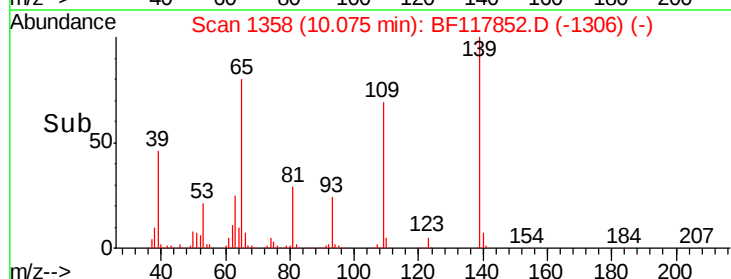
65 80.4 73.6 113.6

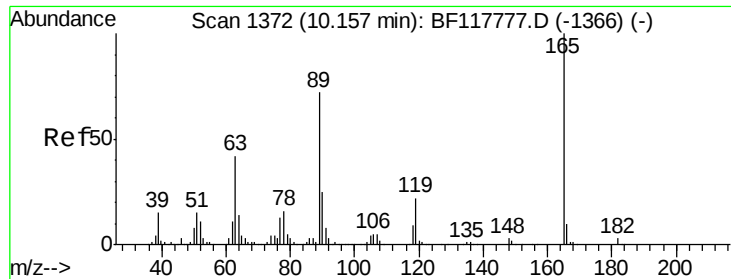


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

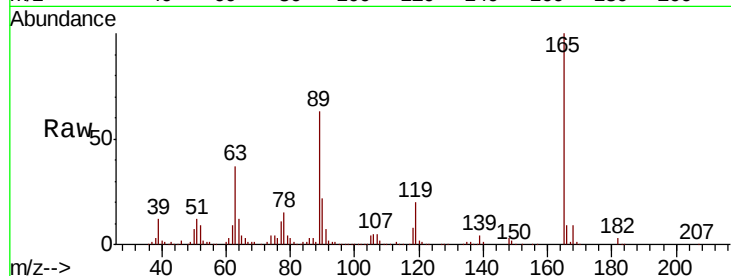




#57
2,4-Dinitrotoluene
Concen: 40.497 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BF117852.D
Acq: 19 Nov 2019 11:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.6	33.7	50.5
89	63.1	57.3	85.9
182	2.8	2.3	3.5



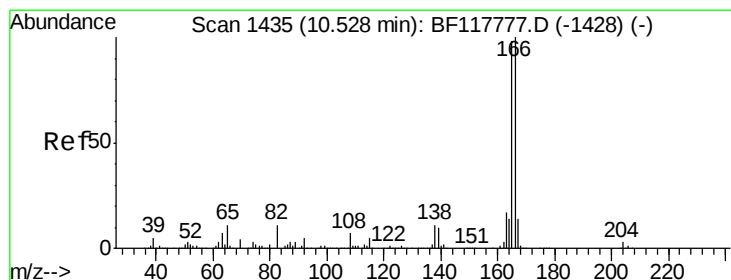
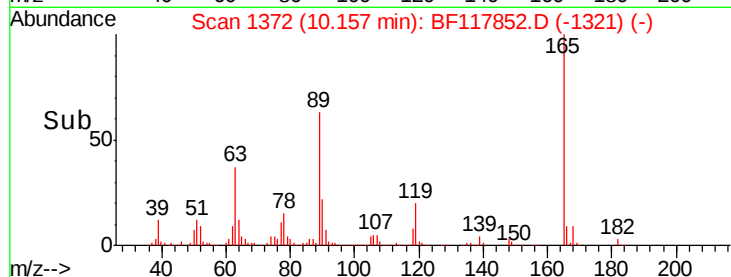
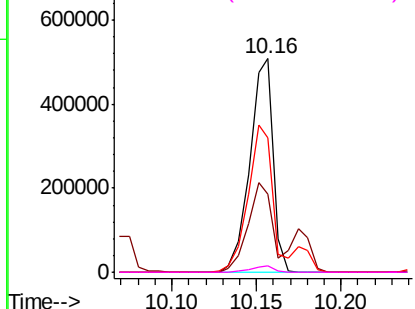
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

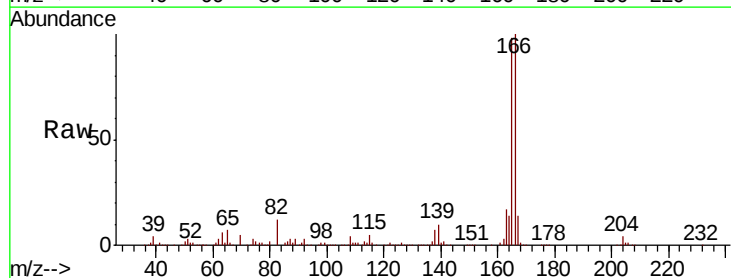
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.448 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF117852.D
Acq: 19 Nov 2019 11:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.4	117.6
167	13.9	11.0	16.4

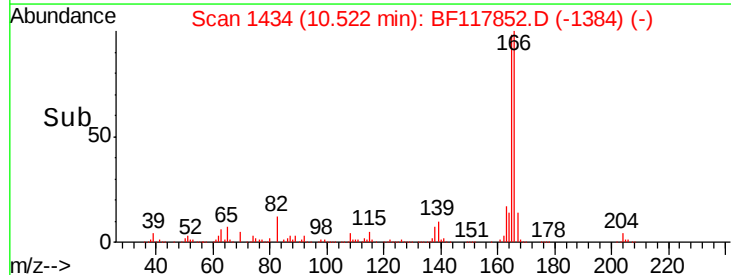
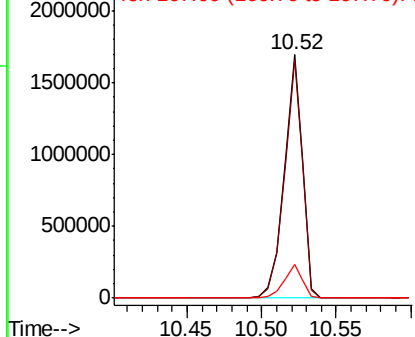


Abundance

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

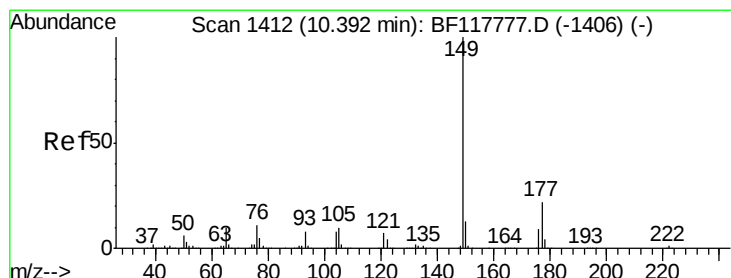
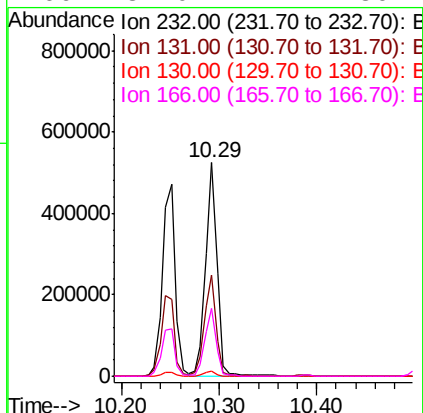
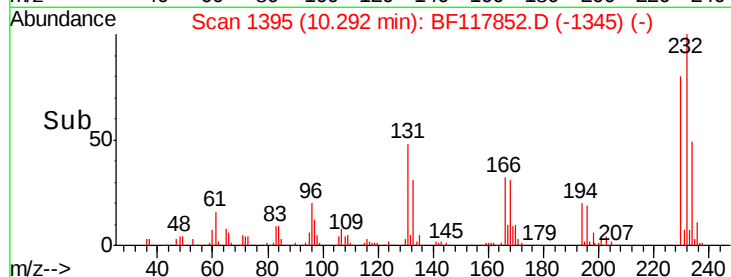
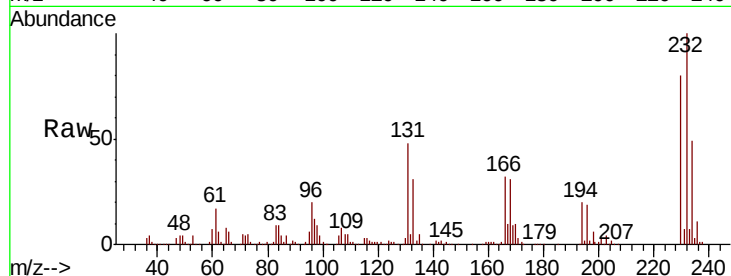




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.217 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF117852.D
 Acq: 19 Nov 2019 11:56

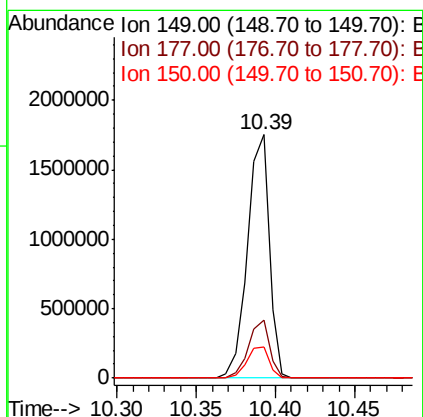
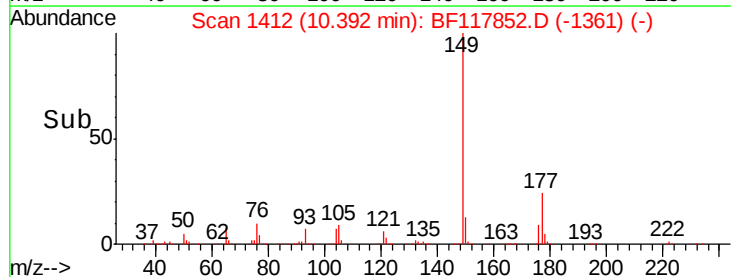
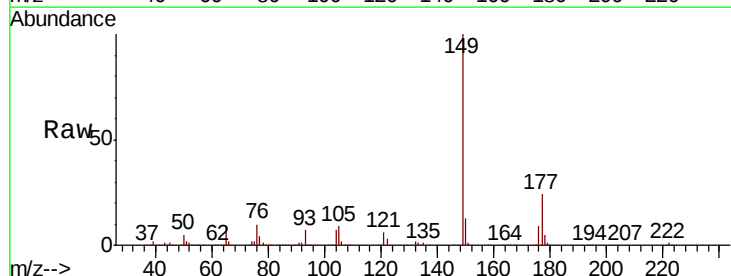
Instrument :
 BNA_F
 ClientSampleId :

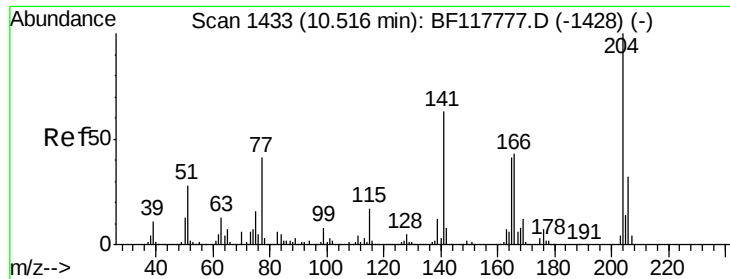
Tot Ion:232	Resp:	432138	
Ion Ratio	Lower	Upper	
232 100			
131 47.1	37.6	56.4	
130 2.4	1.9	2.9	
166 31.0	24.2	36.4	



#60
 Diethylphthalate
 Concen: 39.447 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF117852.D
 Acq: 19 Nov 2019 11:56

Tgt Ion:149	Resp: 1674653
Ion Ratio	Lower Upper
149 100	
177 23.7	18.0 27.0
150 13.0	10.5 15.7

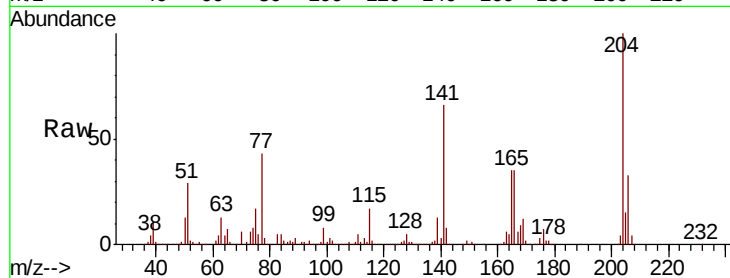




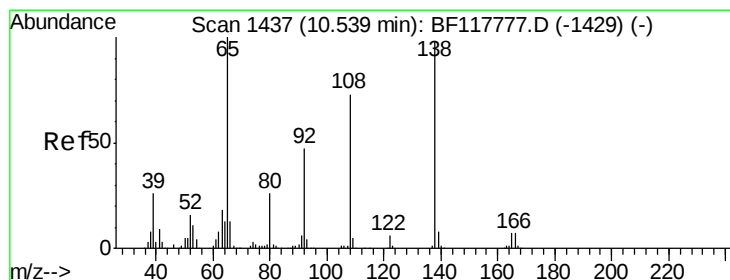
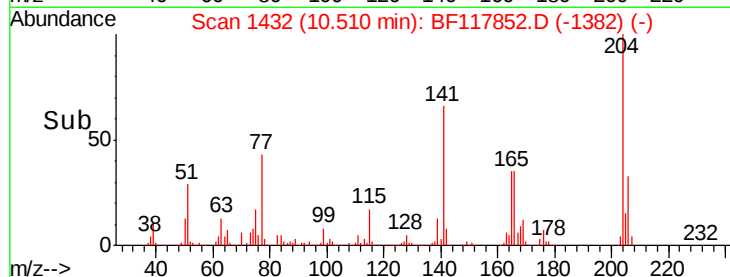
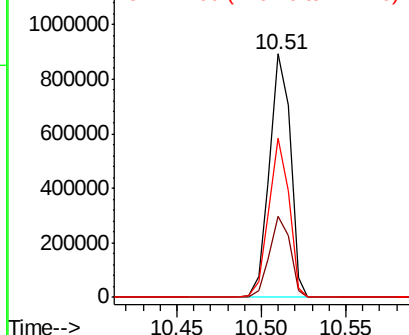
#61
4-Chlorophenyl-phenylether
Concen: 39.844 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF117852.D
Acq: 19 Nov 2019 11:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 768025
Ion Ratio Lower Upper
204 100
206 33.3 25.6 38.4
141 65.6 50.7 76.1

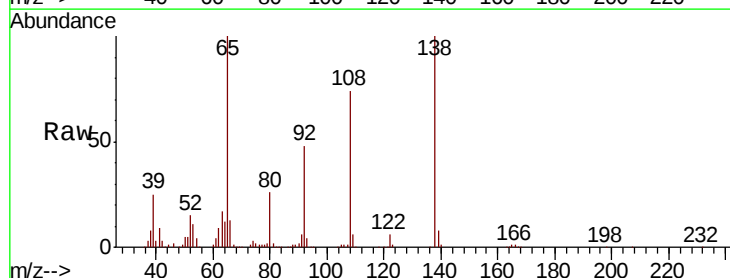


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

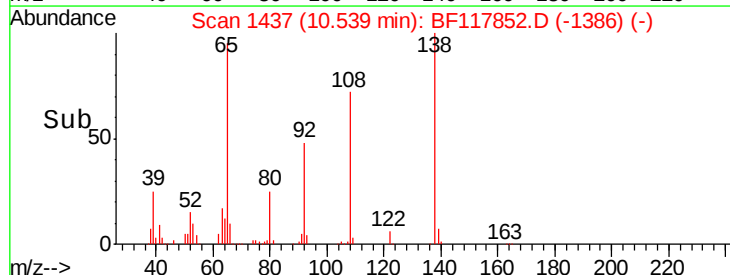
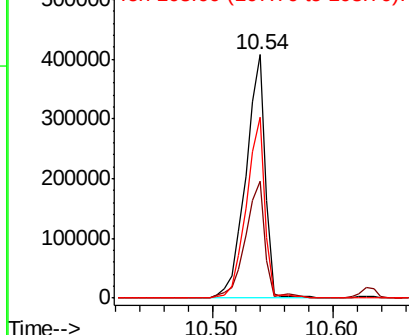


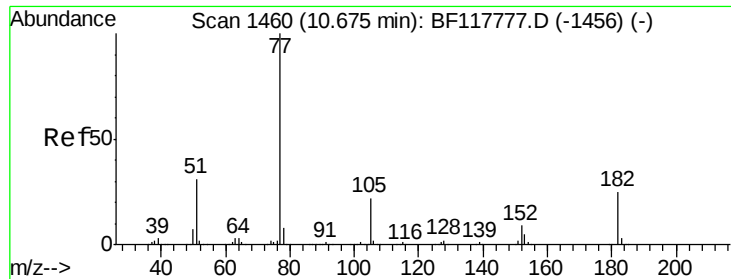
#62
4-Nitroaniline
Concen: 40.270 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF117852.D
Acq: 19 Nov 2019 11:56

Tgt Ion:138 Resp: 459150
Ion Ratio Lower Upper
138 100
92 48.2 28.3 68.3
108 74.1 54.3 94.3



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





#63

Azobenzene

Concen: 39.042 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1507892

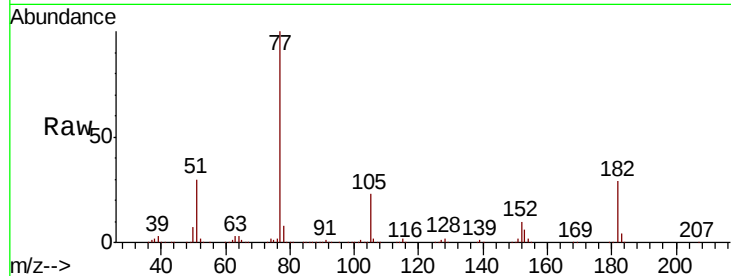
Ion	Ratio	Lower	Upper
77	100		
182	29.5	4.8	44.8
105	23.3	2.1	42.1
51	29.9	11.4	51.4

77 100

182 29.5 4.8 44.8

105 23.3 2.1 42.1

51 29.9 11.4 51.4

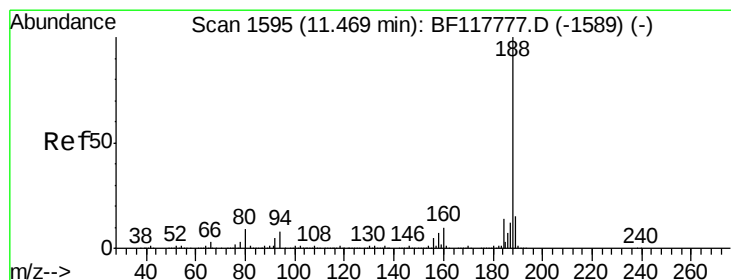
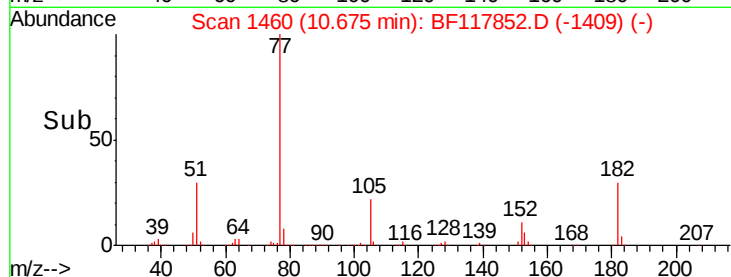
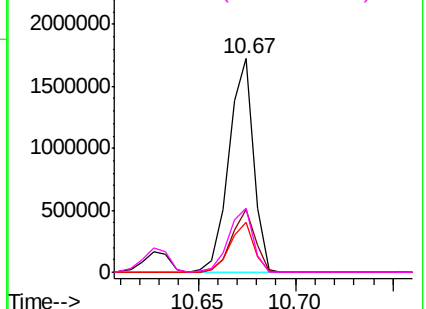


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

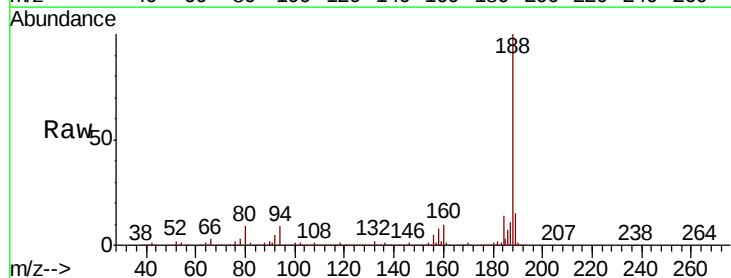
Tgt Ion: 188 Resp: 1148901

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.6	10.0
80	9.4	7.2	10.8

188 100

94 8.8 6.6 10.0

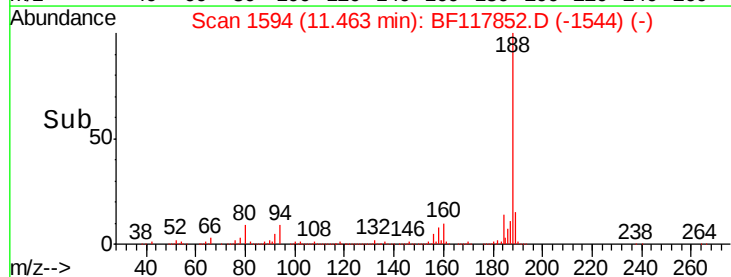
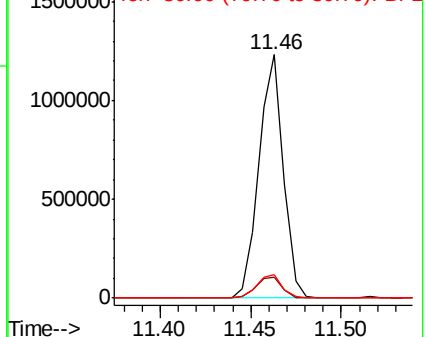
80 9.4 7.2 10.8

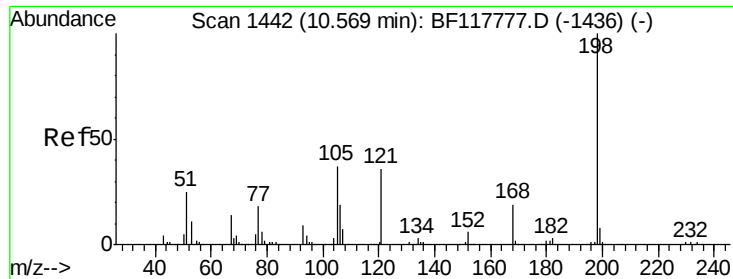


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 40.387 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

Instrument :

BNA_F

ClientSampleId :

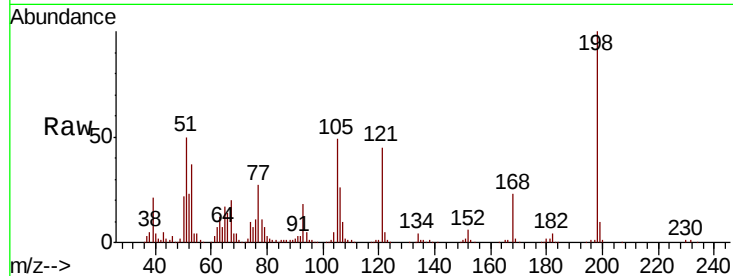
Tot Ion:198 Resp: 216615

Ion Ratio Lower Upper

198 100

51 50.4 16.0 56.0

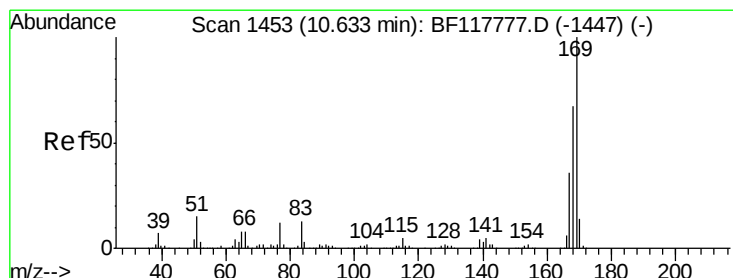
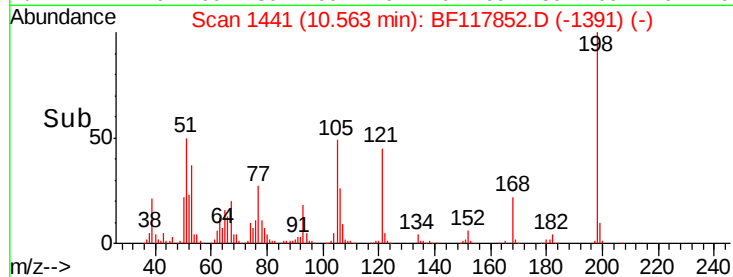
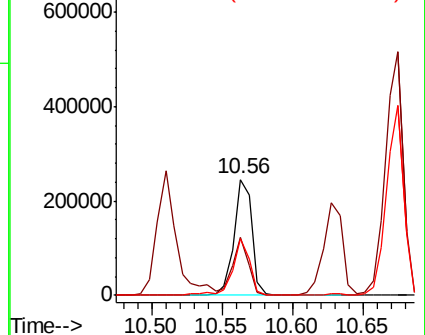
105 48.7 19.1 59.1



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: 39.815 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

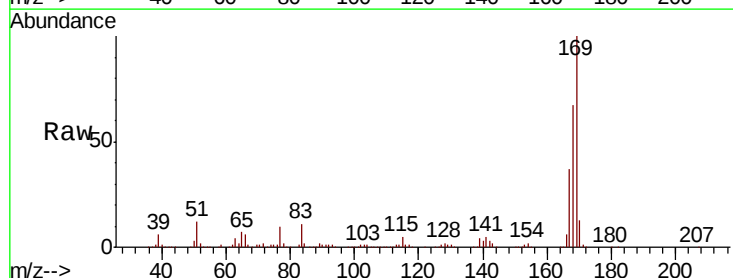
Tgt Ion:169 Resp: 1331254

Ion Ratio Lower Upper

169 100

168 67.5 53.5 80.3

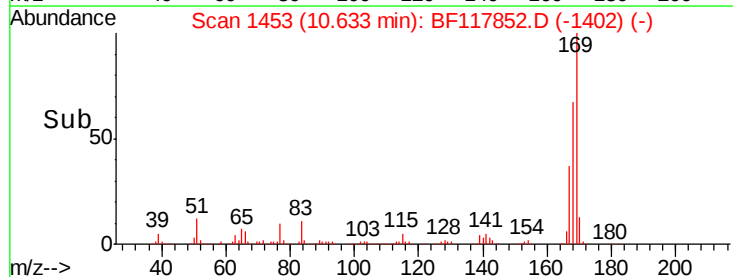
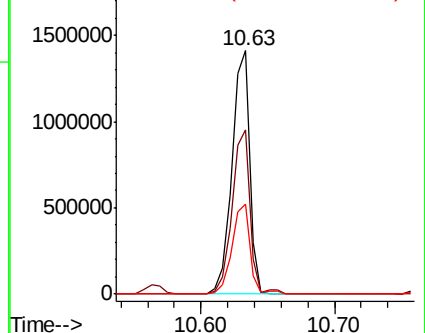
167 36.9 29.0 43.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

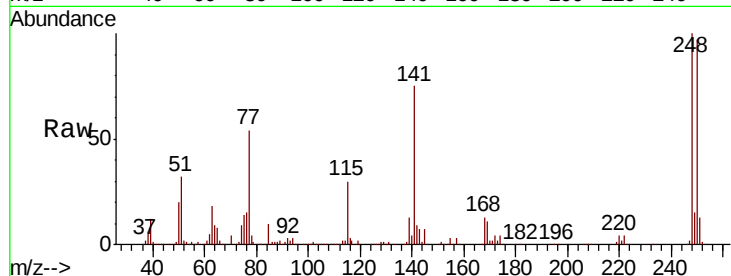




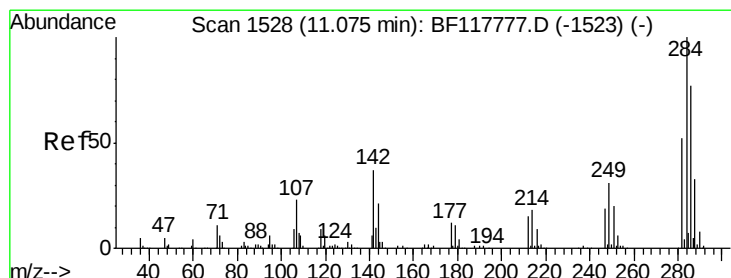
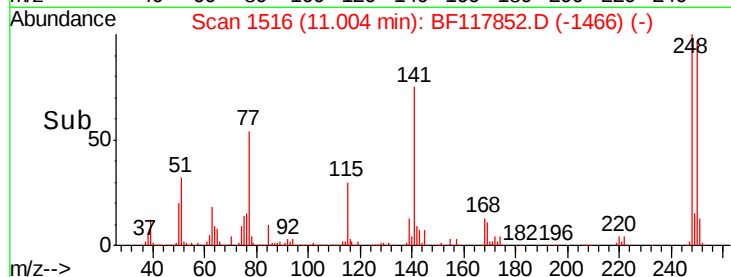
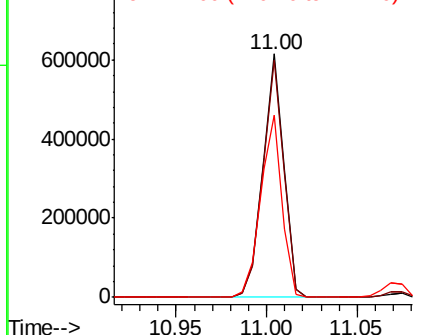
#67
4-Bromophenyl-phenylether
Concen: 40.082 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF117852.D
Acq: 19 Nov 2019 11:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 496880
Ion Ratio Lower Upper
248 100
250 97.4 76.6 115.0
141 75.0 55.9 83.9

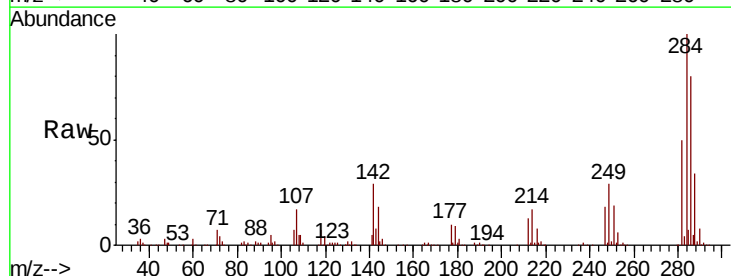


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

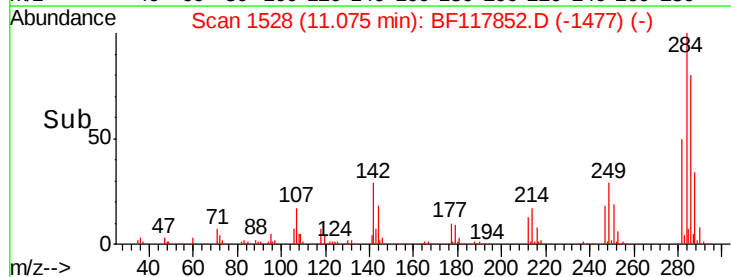
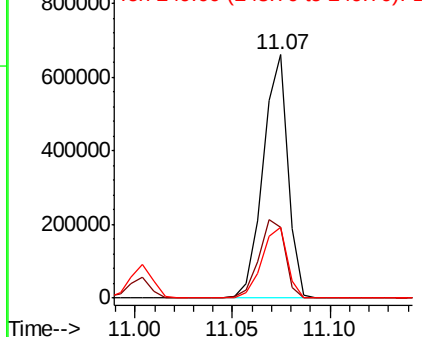


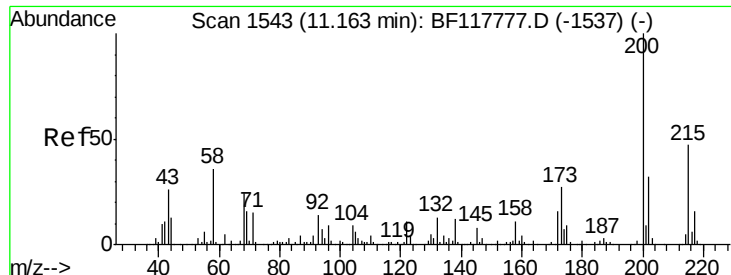
#68
Hexachlorobenzene
Concen: 40.361 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF117852.D
Acq: 19 Nov 2019 11:56

Tgt Ion:284 Resp: 583415
Ion Ratio Lower Upper
284 100
142 29.3 29.4 44.2#
249 29.3 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

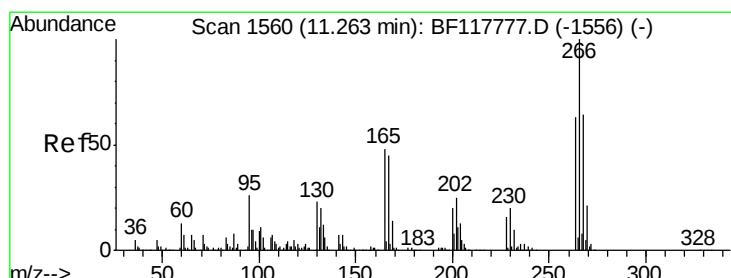
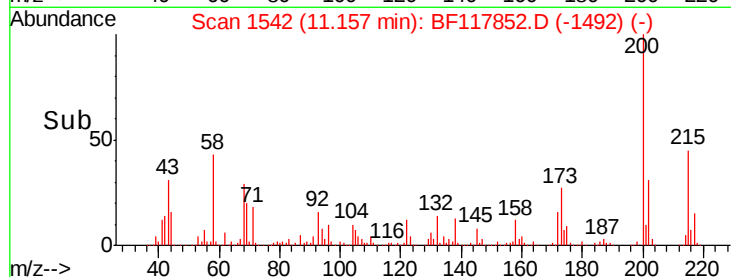
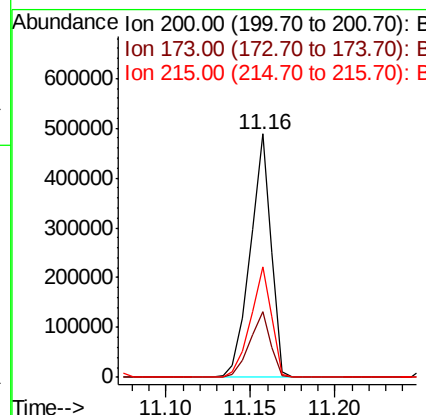
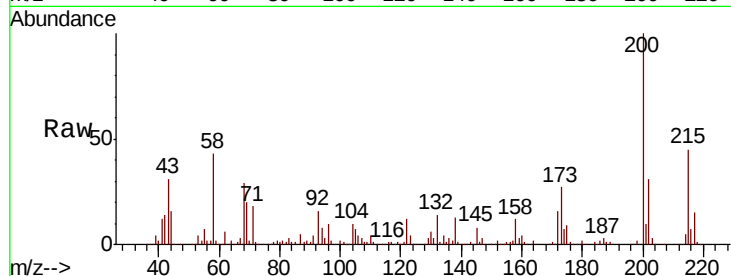




#69
 Atrazine
 Concen: 38.326 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. -0.01 min
 Lab File: BF117852.D
 Acq: 19 Nov 2019 11:56

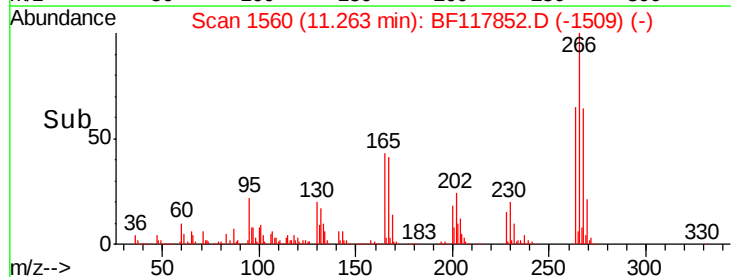
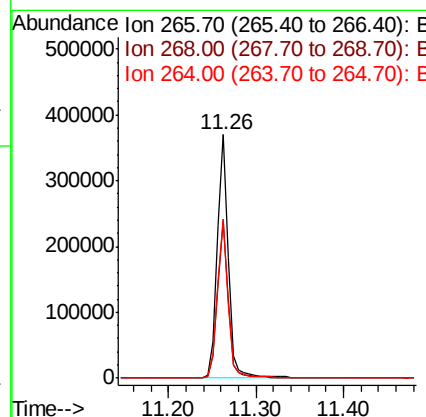
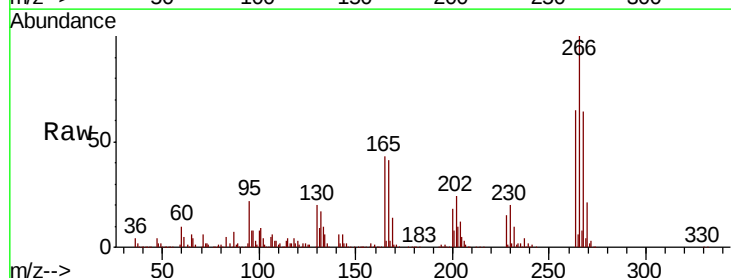
Instrument :
 BNA_F
 ClientSampleId :

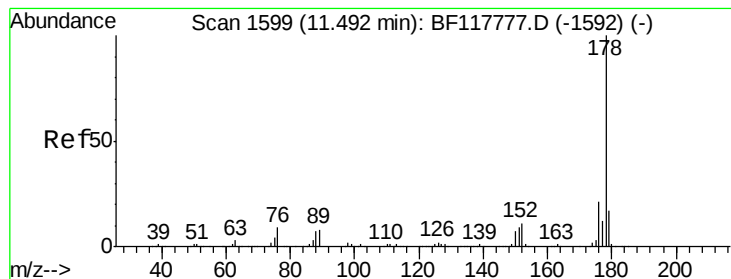
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	6.7	46.7
215	45.5	27.5	67.5



#70
 Pentachlorophenol
 Concen: 39.073 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF117852.D
 Acq: 19 Nov 2019 11:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	50.8	76.2
264	65.1	50.7	76.1





#71

Phenanthrene

Concen: 38.458 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

Instrument :

BNA_F

ClientSampleId :

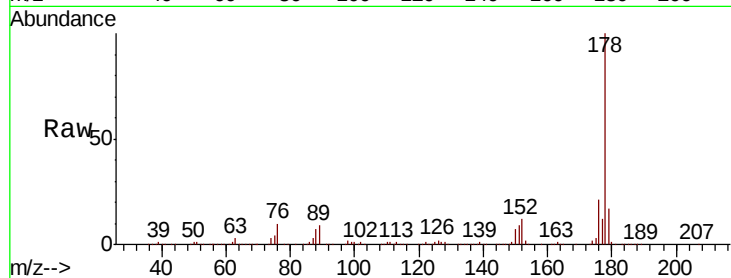
Tot Ion:178 Resp: 2221476

Ion Ratio Lower Upper

178 100

176 21.2 16.6 25.0

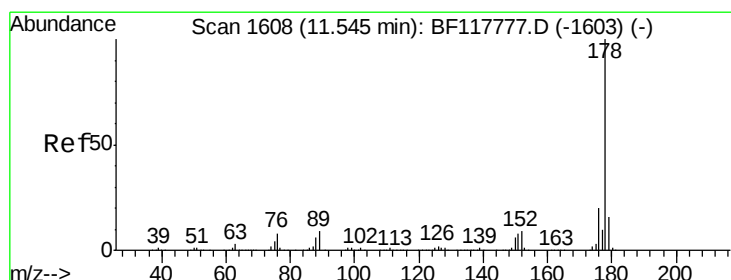
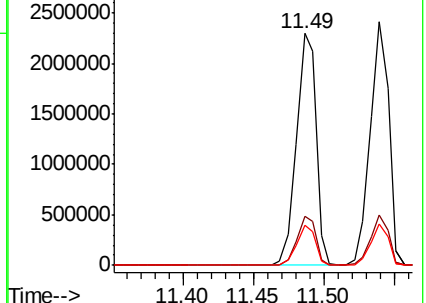
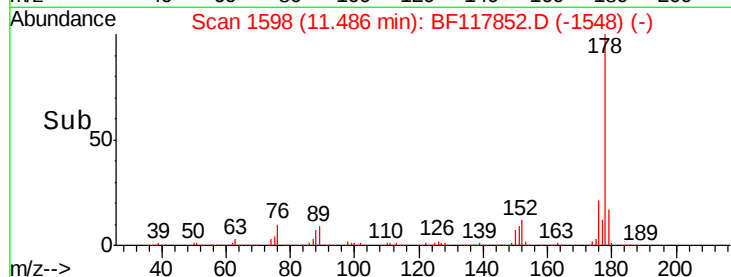
179 17.0 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.906 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

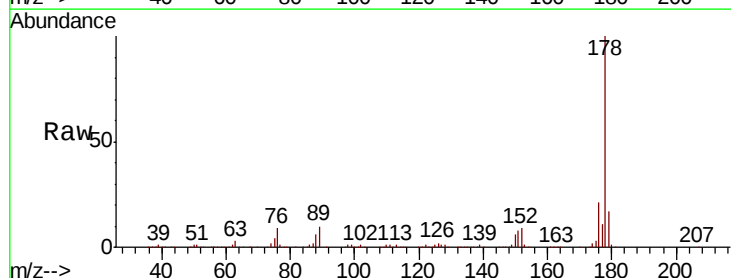
Tgt Ion:178 Resp: 2228142

Ion Ratio Lower Upper

178 100

176 20.5 16.1 24.1

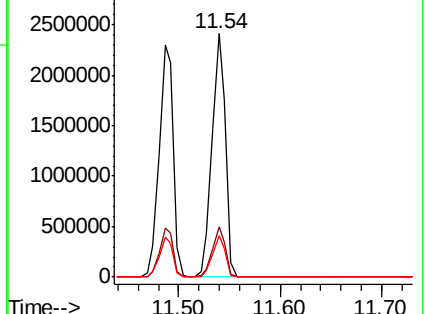
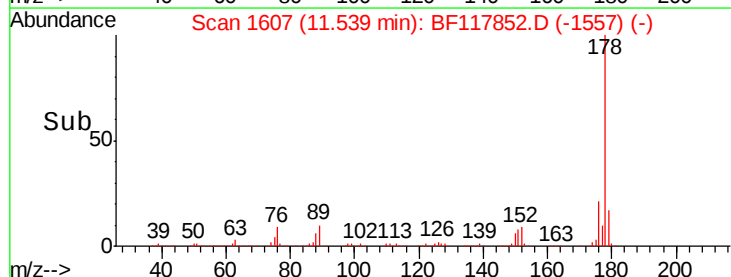
179 16.8 13.0 19.4

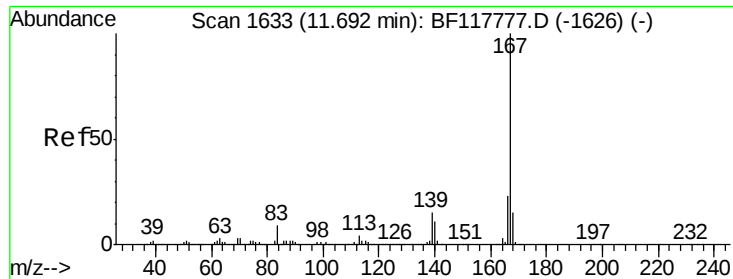


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



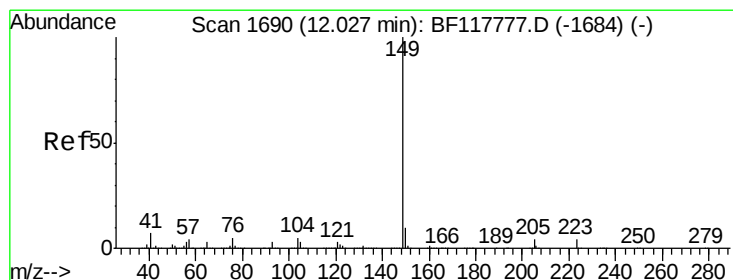
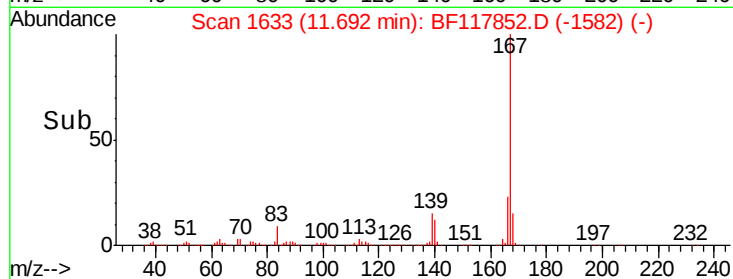
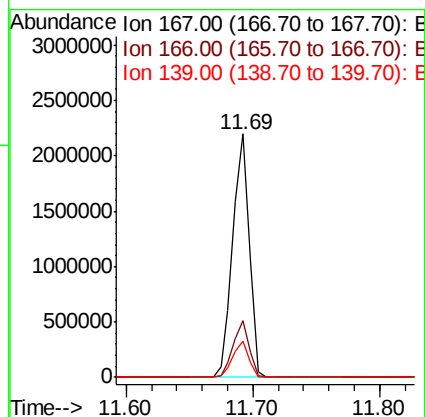
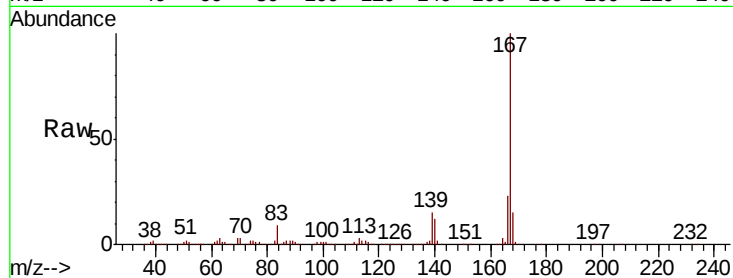


#73
 Carbazole
 Concen: 39.610 ng
 RT: 11.69 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BF117852.D
 Acq: 19 Nov 2019 11:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1982330

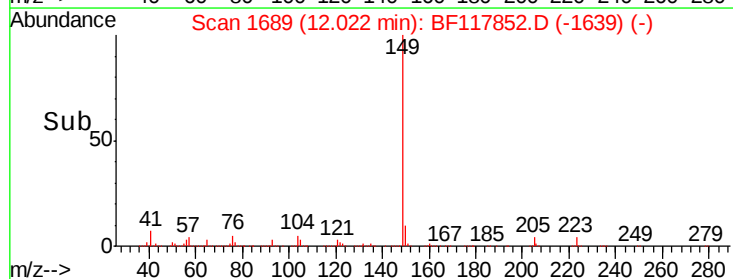
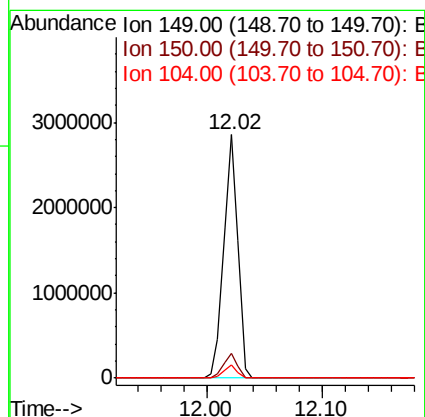
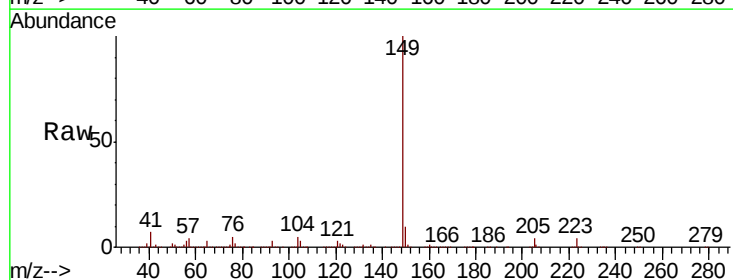
Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.0	27.0
139	14.9	11.7	17.5

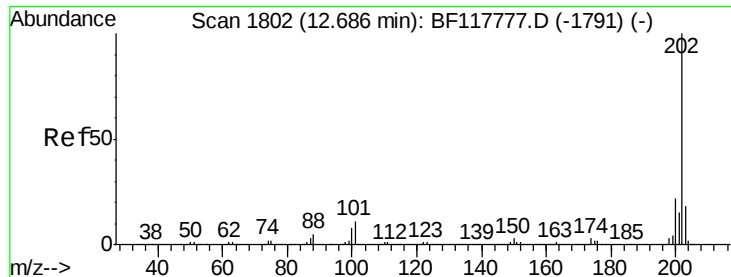


#74
 Di-n-butylphthalate
 Concen: 38.833 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF117852.D
 Acq: 19 Nov 2019 11:56

Tgt Ion:149 Resp: 2419739

Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.9	11.9
104	5.5	4.2	6.4

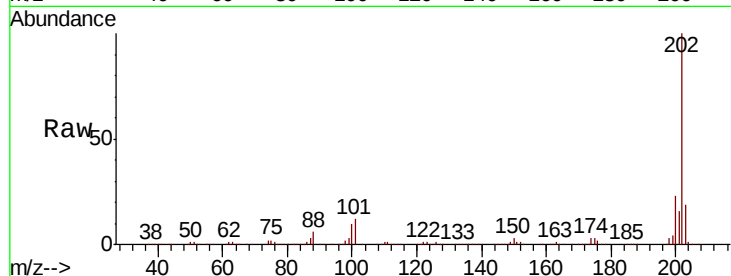




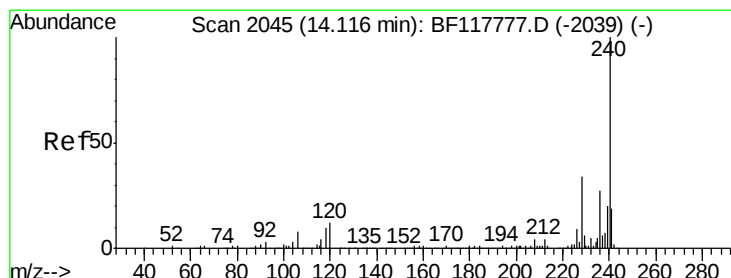
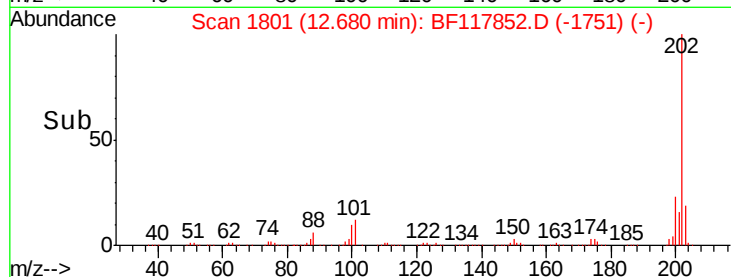
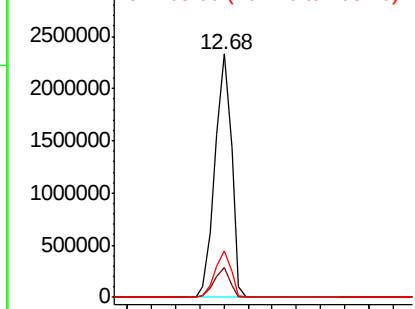
#75
Fluoranthene
Concen: 40.629 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BF117852.D
Acq: 19 Nov 2019 11:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 2175556
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.1
203 19.1 0.0 38.2

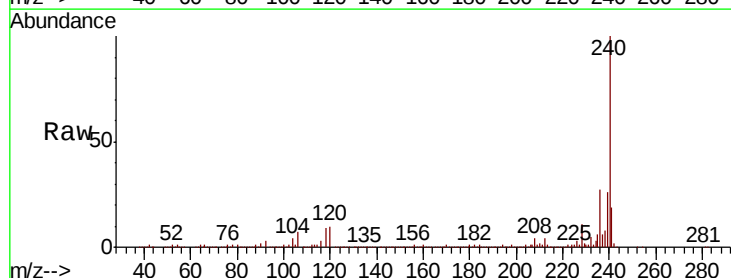


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

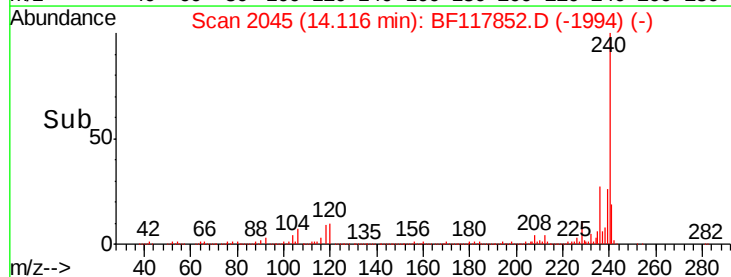
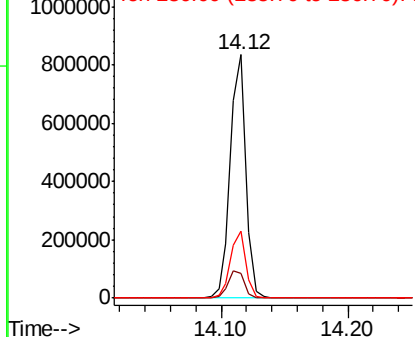


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BF117852.D
Acq: 19 Nov 2019 11:56

Tgt Ion:240 Resp: 703303
Ion Ratio Lower Upper
240 100
120 10.0 9.5 14.3
236 27.3 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

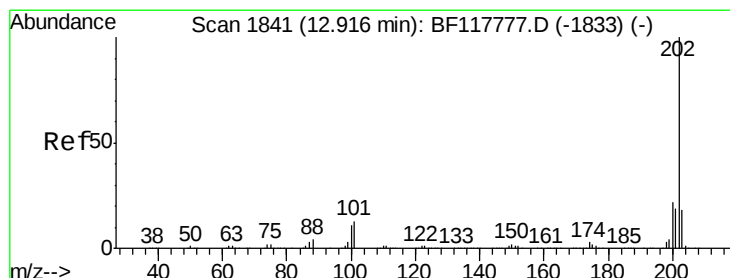
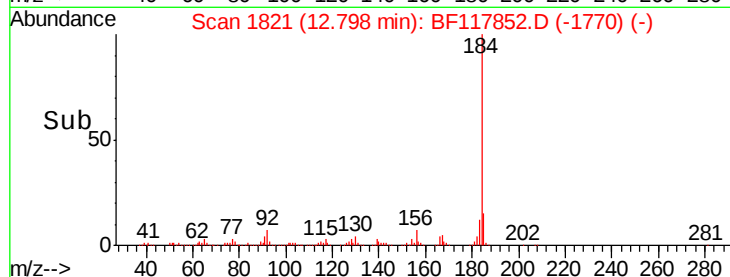
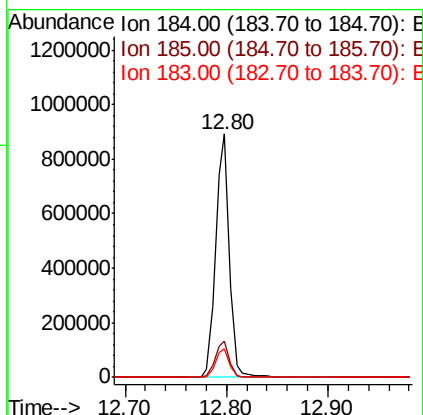
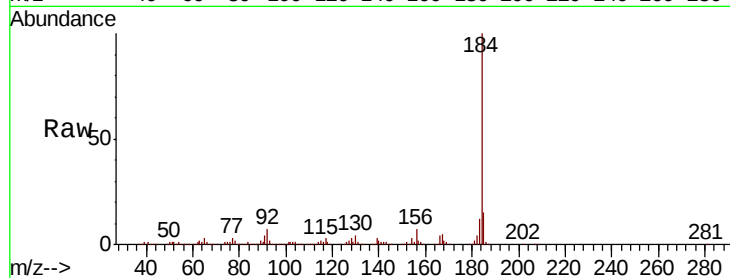




#77
Benzidine
Concen: 36.037 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF117852.D
Acq: 19 Nov 2019 11:56

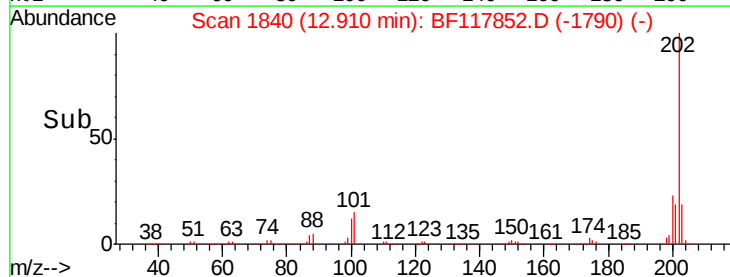
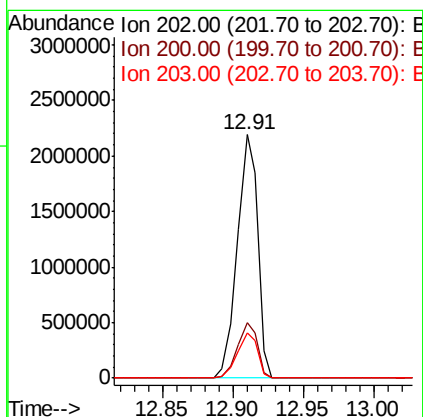
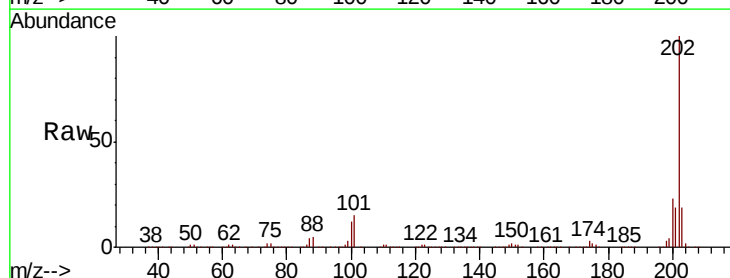
Instrument :
BNA_F
ClientSampled :

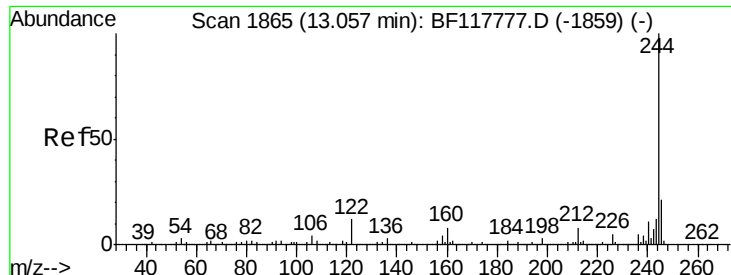
Tot Ion:184 Resp: 830187
Ion Ratio Lower Upper
184 100
185 14.9 12.2 18.4
183 12.0 9.5 14.3



#78
Pyrene
Concen: 38.605 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117852.D
Acq: 19 Nov 2019 11:56

Tgt Ion:202 Resp: 2194197
Ion Ratio Lower Upper
202 100
200 23.0 17.8 26.8
203 18.8 14.6 22.0

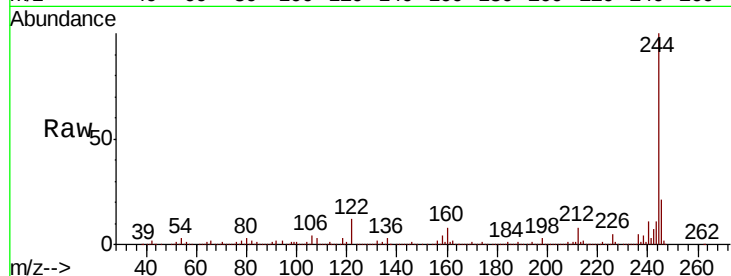




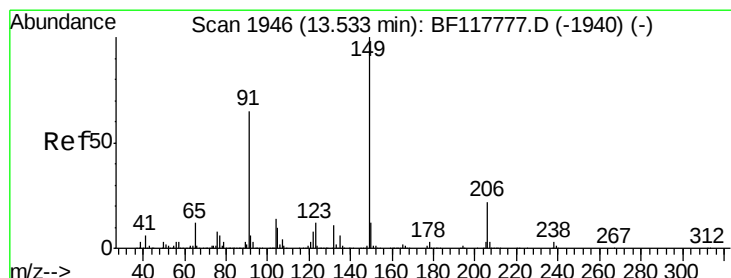
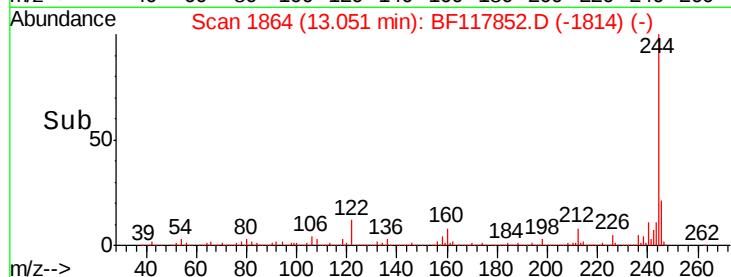
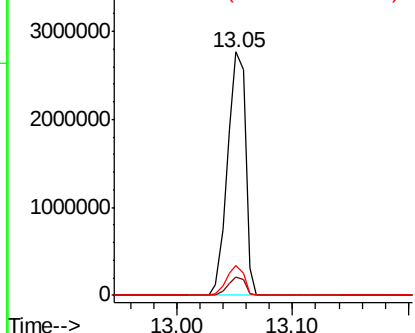
#79
 Terphenyl-d14
 Concen: 77.393 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF117852.D
 Acq: 19 Nov 2019 11:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2978228
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 12.3 9.4 14.2

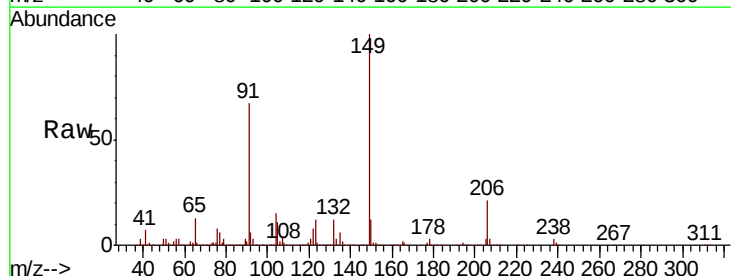


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

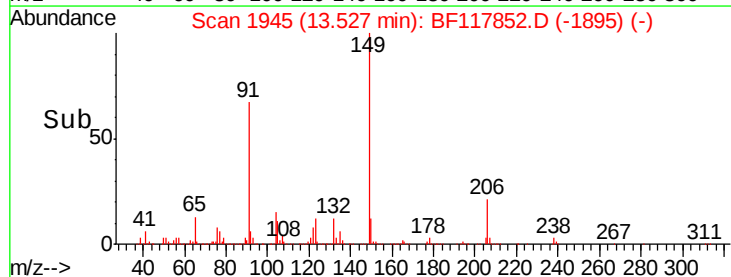
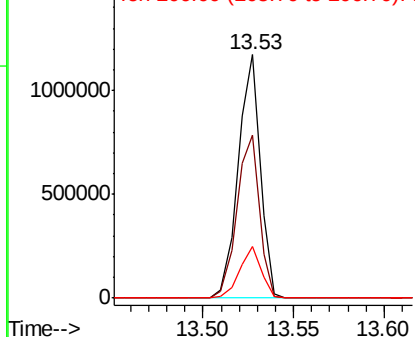


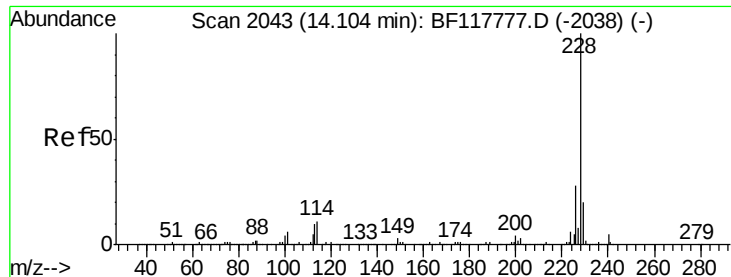
#80
 Butylbenzylphthalate
 Concen: 40.588 ng
 RT: 13.53 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BF117852.D
 Acq: 19 Nov 2019 11:56

Tgt Ion:149 Resp: 990818
 Ion Ratio Lower Upper
 149 100
 91 67.2 51.9 77.9
 206 21.3 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: 39.355 ng

RT: 14.10 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

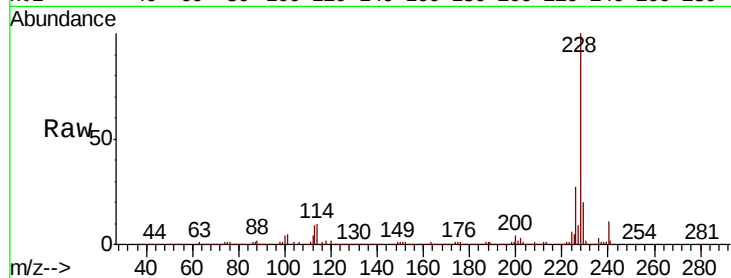
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1829027

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.2	33.2
229	20.1	15.9	23.9

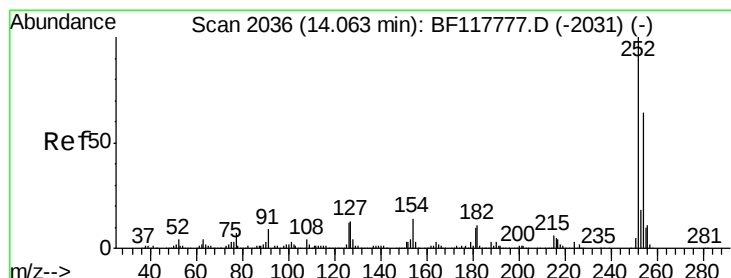
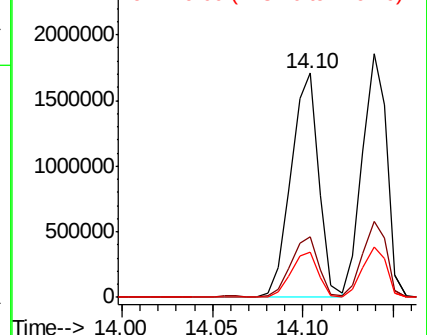
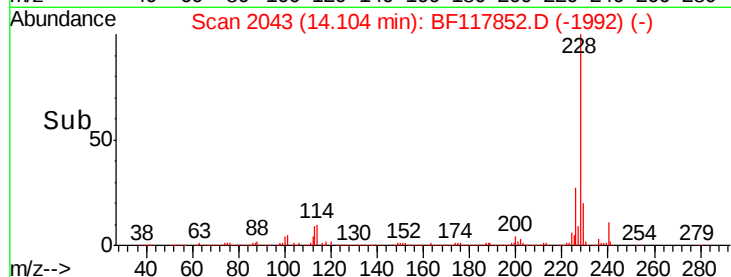


Abundance

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: 41.864 ng

RT: 14.06 min Scan# 2036

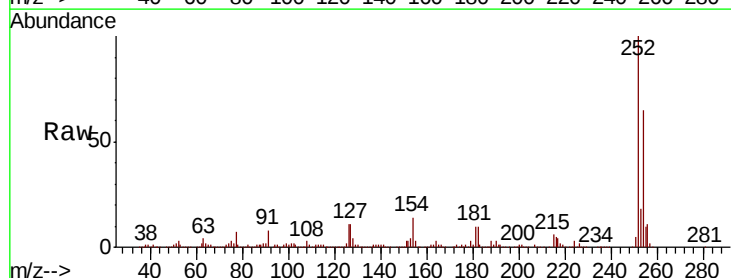
Delta R.T. 0.00 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

Tgt Ion:252 Resp: 680577

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.0	76.6
126	11.2	9.7	14.5

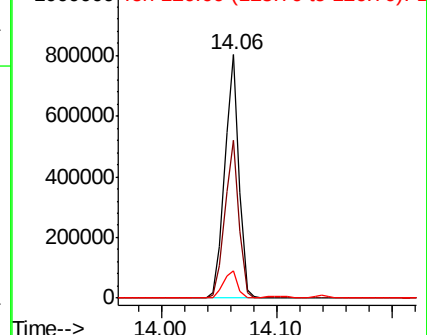
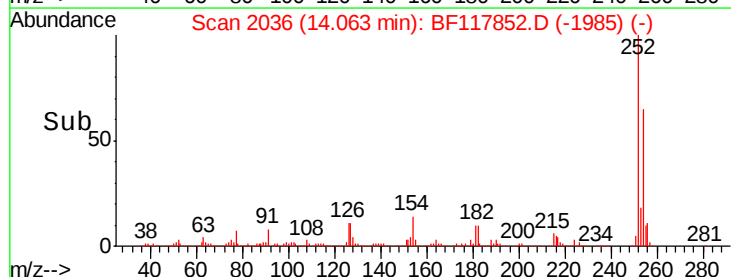


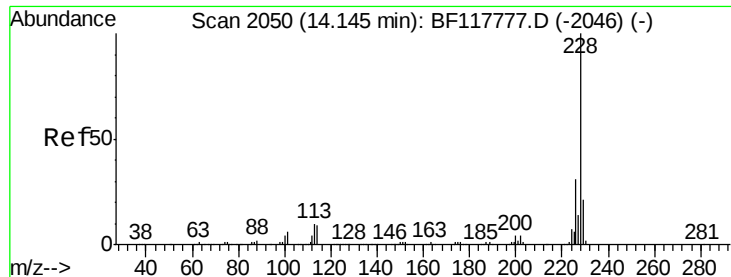
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 38.781 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

Instrument :

BNA_F

ClientSampleId :

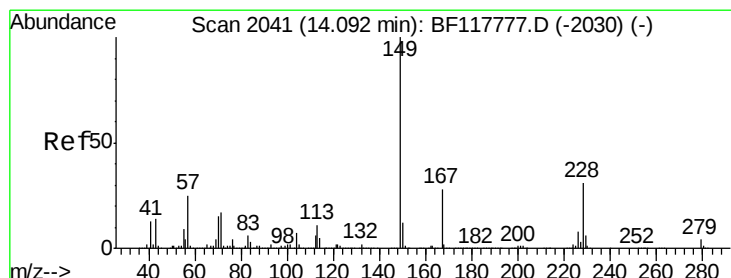
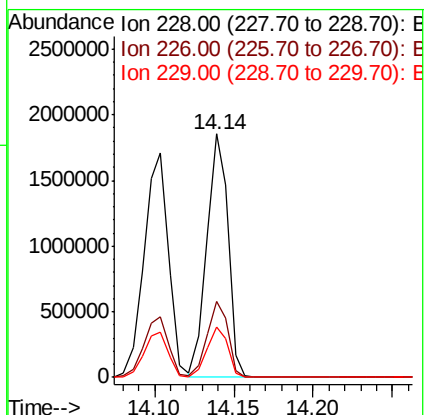
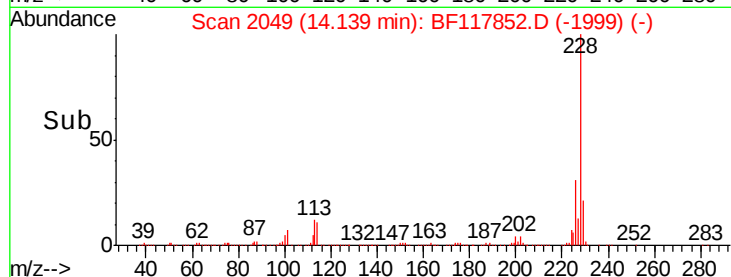
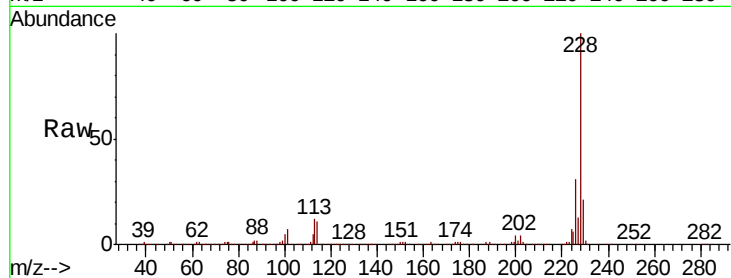
Tot Ion:228 Resp: 1746511

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.4

229 20.7 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.290 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

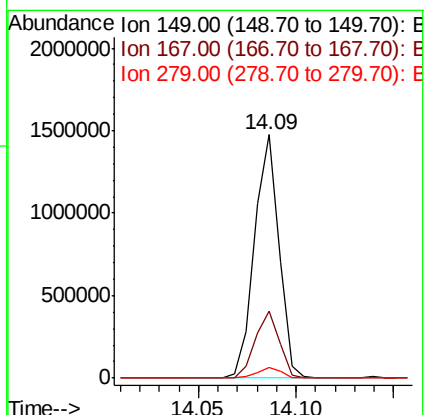
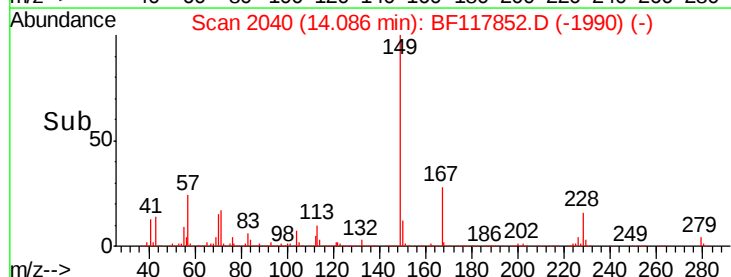
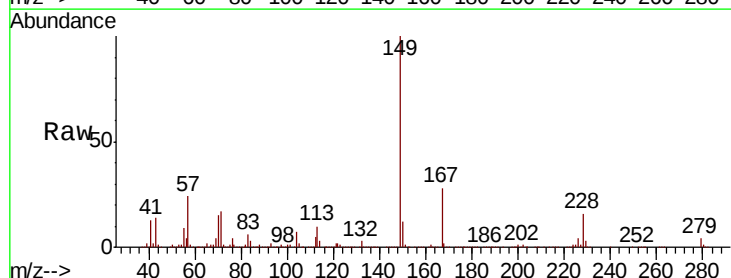
Tgt Ion:149 Resp: 1281219

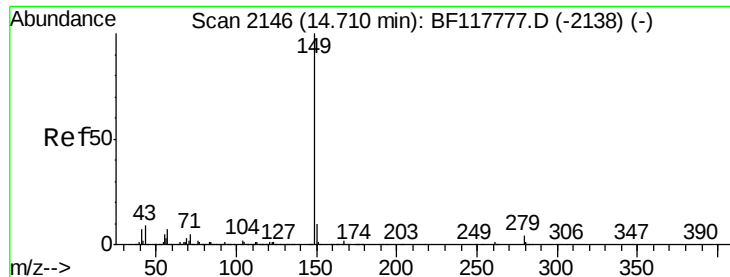
Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.2

279 4.4 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 45.672 ng

RT: 14.70 min Scan# 2145

Delta R.T. -0.01 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

Instrument :

BNA_F

ClientSampled :

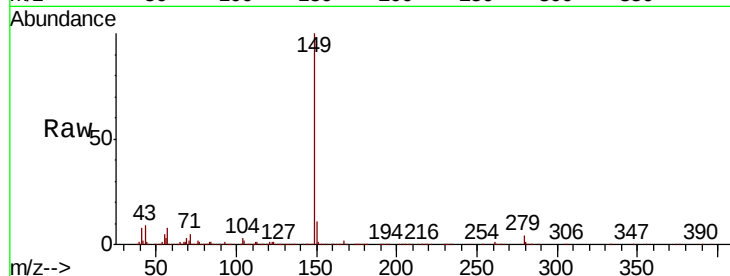
Tot Ion:149 Resp: 1985751

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

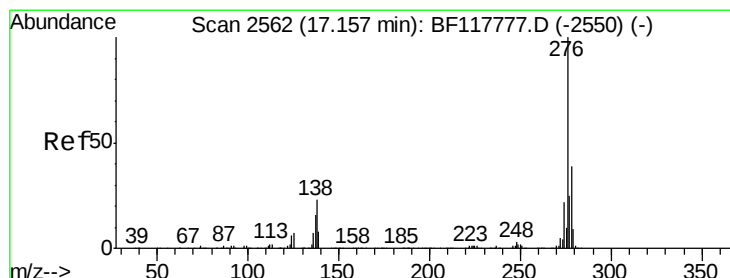
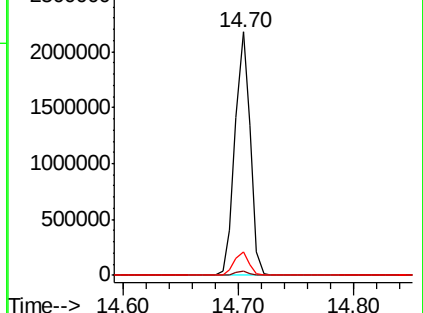
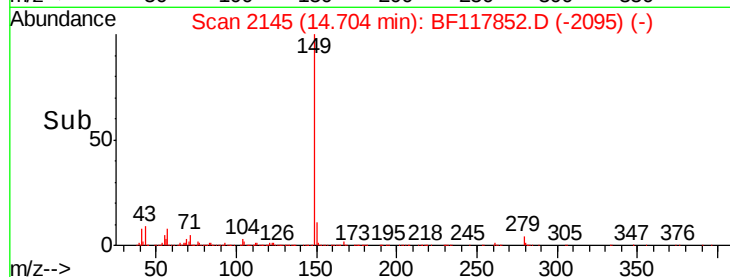
43 9.3 7.4 11.2



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: 44.522 ng

RT: 17.16 min Scan# 2562

Delta R.T. 0.00 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

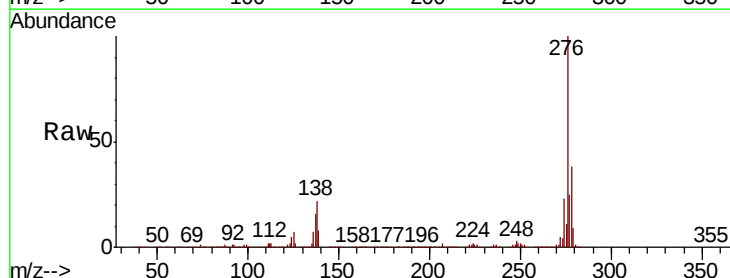
Tgt Ion:276 Resp: 1706466

Ion Ratio Lower Upper

276 100

138 25.3 20.9 31.3

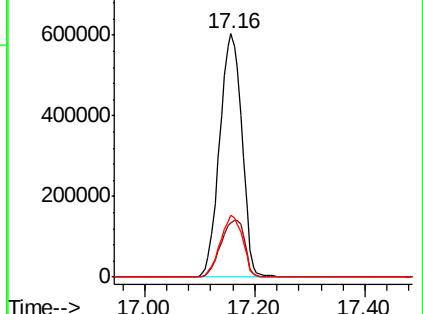
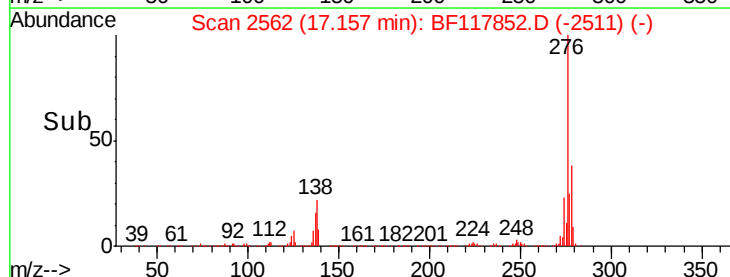
277 25.5 20.3 30.5

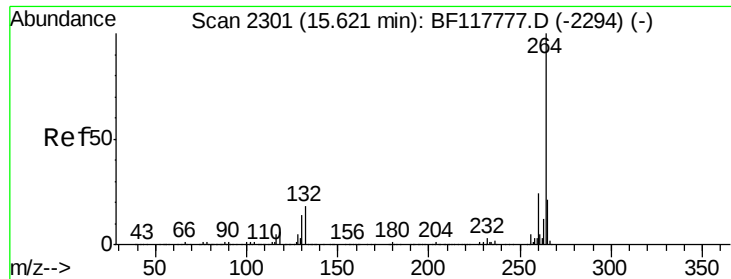


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.62 min Scan# 2301

Delta R.T. 0.00 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

Instrument :

BNA_F

ClientSampleId :

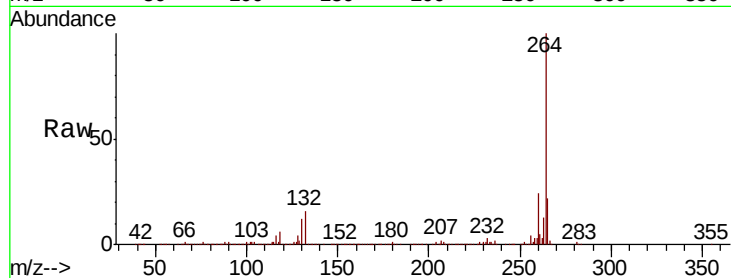
Tot Ion:264 Resp: 681882

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.0

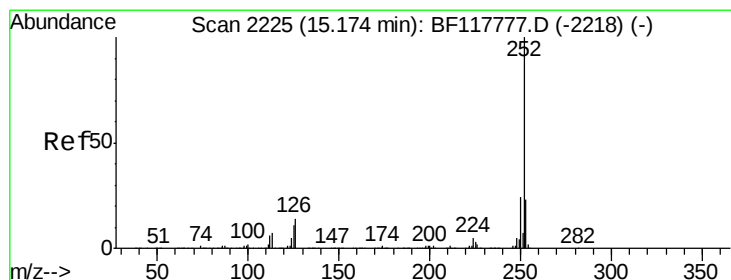
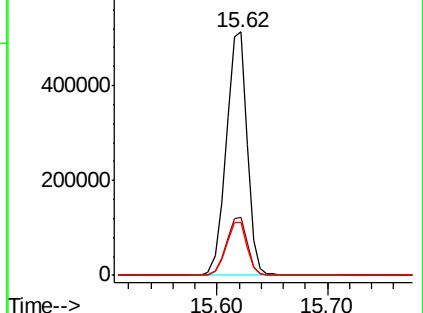
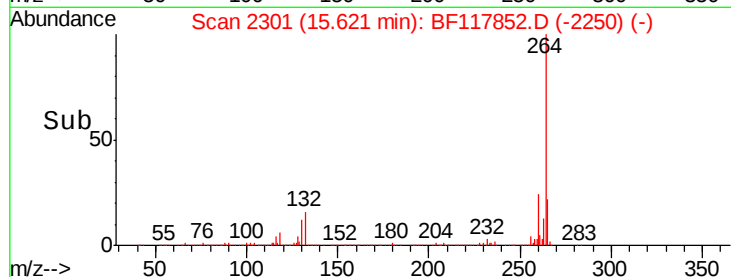
265 21.7 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 36.852 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

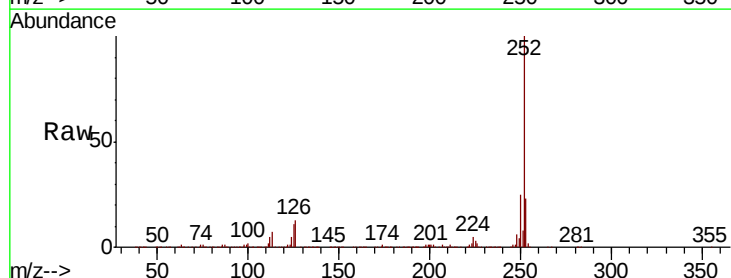
Tgt Ion:252 Resp: 1632642

Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

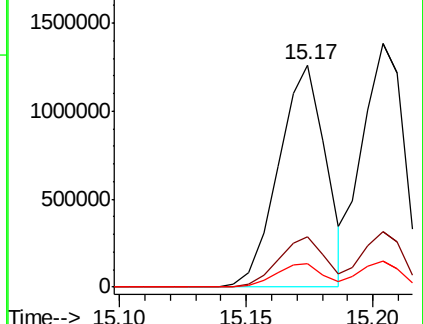
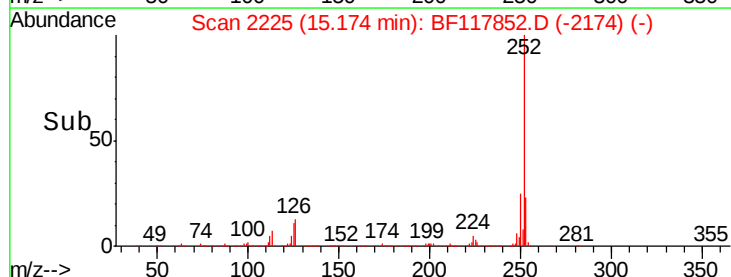
125 10.5 8.6 13.0

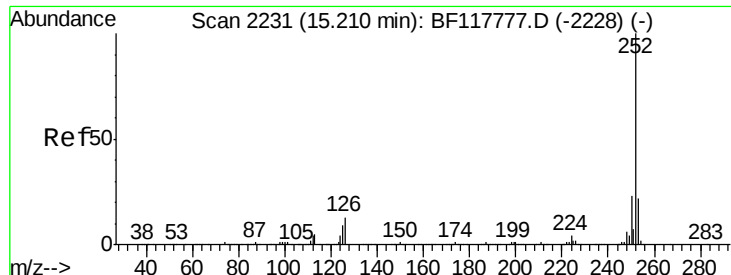


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

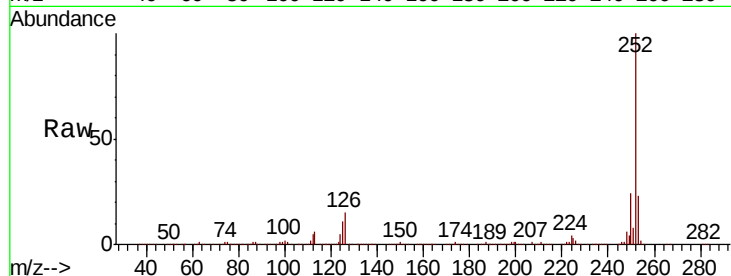




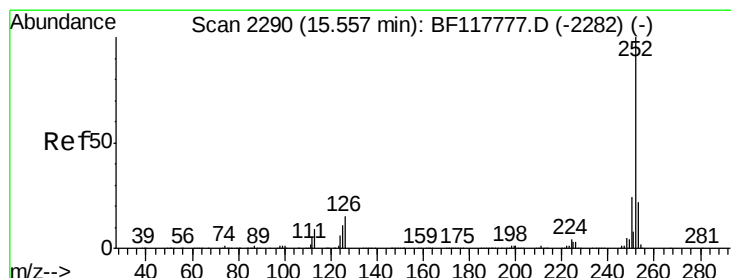
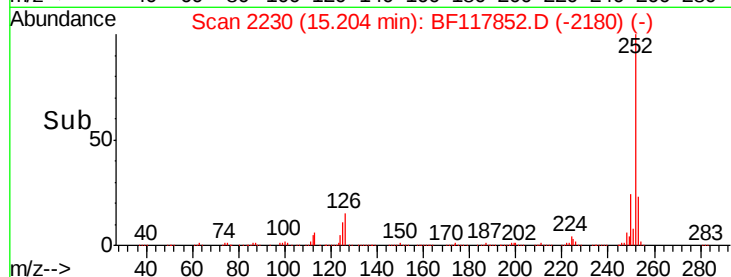
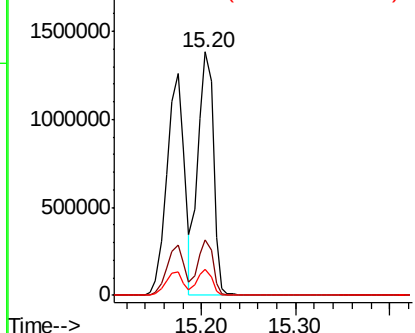
#89
Benzo(k)fluoranthene
Concen: 38.070 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF117852.D
Acq: 19 Nov 2019 11:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1589144
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 10.8 7.9 11.9

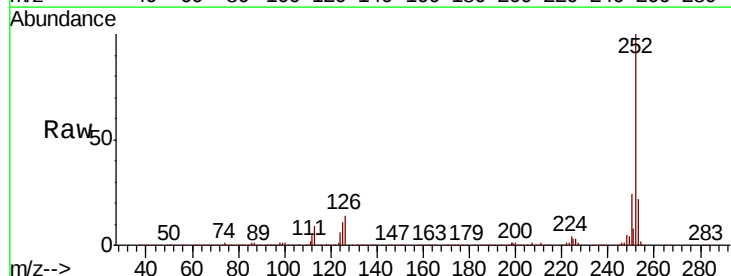


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

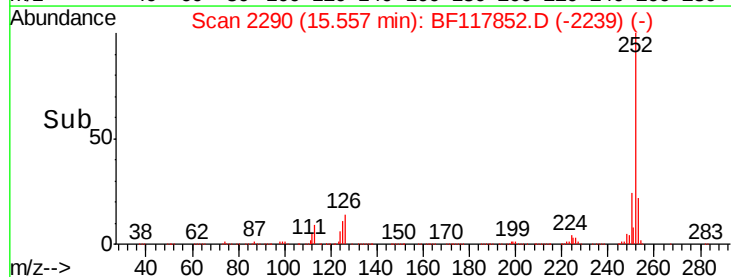
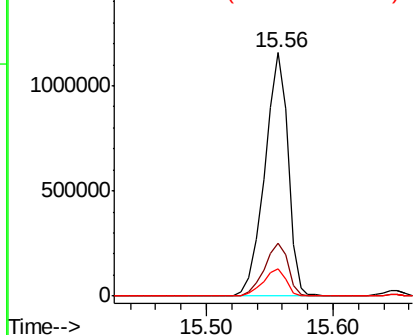


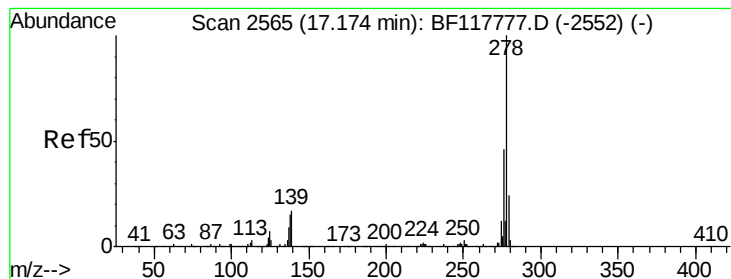
#90
Benzo(a)pyrene
Concen: 38.054 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BF117852.D
Acq: 19 Nov 2019 11:56

Tgt Ion:252 Resp: 1482464
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 11.1 9.2 13.8



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





#91

Dibenzo(a,h)anthracene

Concen: 41.525 ng

RT: 17.18 min Scan# 2566

Delta R.T. 0.01 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

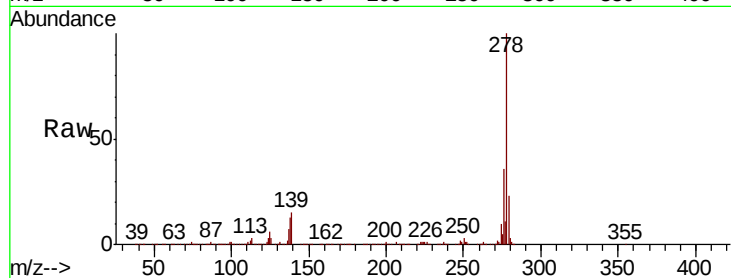
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1392357

Ion	Ratio	Lower	Upper
278	100		
139	15.1	13.8	20.8
279	23.2	19.6	29.4

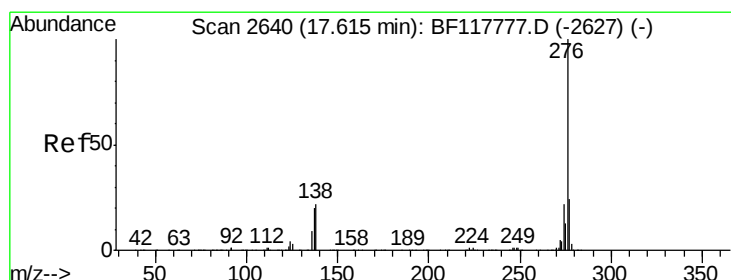
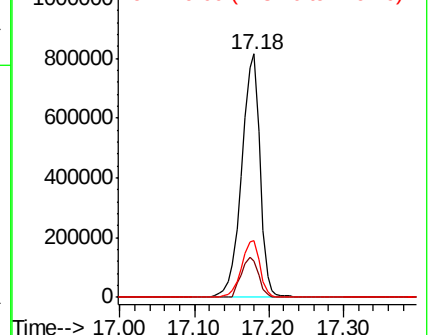
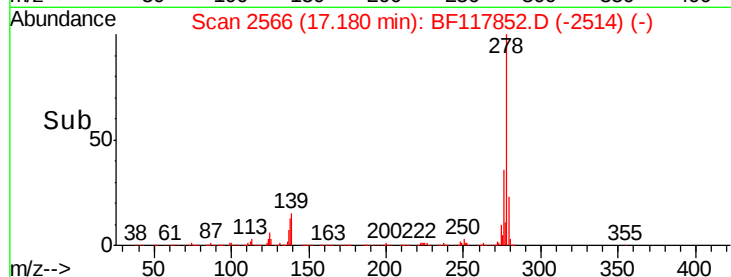


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.776 ng

RT: 17.63 min Scan# 2642

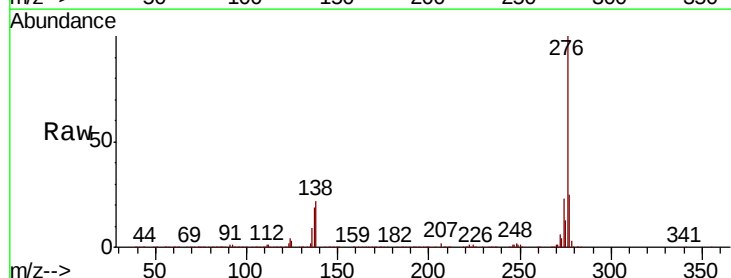
Delta R.T. 0.01 min

Lab File: BF117852.D

Acq: 19 Nov 2019 11:56

Tgt Ion:276 Resp: 1361804

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.9	28.3
138	21.9	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

