

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110619\
 Data File : BF117700.D
 Acq On : 6 Nov 2019 14:47
 Operator : JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 15:18:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 14:03:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	389965	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	1412126	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	739505	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	1313159	20.00	ng	0.00
76) Chrysene-d12	14.13	240	782819	20.00	ng	0.00
87) Perylene-d12	15.63	264	741604	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	2964912	125.49	ng	0.00
7) Phenol-d6	6.57	99	3632178	124.50	ng	0.01
23) Nitrobenzene-d5	7.52	82	3485710	152.07	ng	0.01
42) 2,4,6-Tribromophenol	10.79	330	1015944	140.97	ng	0.01
45) 2-Fluorobiphenyl	9.31	172	5160346	133.83	ng	0.00
79) Terphenyl-d14	13.07	244	5354206	142.03	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.76	88	794421	72.175	ng	100
3) Pyridine	3.53	79	2212779	74.477	ng	98
4) n-Nitrosodimethylamine	3.50	42	979178	72.769	ng	99
6) Aniline	6.61	93	2739851	69.207	ng	99
8) 2-Chlorophenol	6.73	128	1660317	68.498	ng	97
9) Benzaldehyde	6.49	77	1243115	80.978	ng	97
10) Phenol	6.58	94	2002638	68.737	ng	91
11) bis(2-Chloroethyl)ether	6.68	93	1644305	68.757	ng	97
12) 1,3-Dichlorobenzene	6.89	146	1900616	67.920	ng	98
13) 1,4-Dichlorobenzene	6.96	146	1895310	67.442	ng	96
14) 1,2-Dichlorobenzene	7.12	146	1685837	65.481	ng	98
15) Benzyl Alcohol	7.09	79	1488046	69.512	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	2570851	67.560	ng	97
17) 2-Methylphenol	7.19	107	1475527	70.524	ng	98
18) Hexachloroethane	7.46	117	735914	70.692	ng	94
19) n-Nitroso-di-n-propylamine	7.37	70	1235012	69.572	ng	97
20) 3+4-Methylphenols	7.35	107	1606538	65.093	ng	# 90
22) Acetophenone	7.36	105	2243209	70.531	ng	99
24) Nitrobenzene	7.53	77	1825560	77.369	ng	97
25) Isophorone	7.77	82	3392071	77.191	ng	98
26) 2-Nitrophenol	7.84	139	914205	88.058	ng	99
27) 2,4-Dimethylphenol	7.87	122	1427725	76.008	ng	98
28) bis(2-Chloroethoxy)methane	7.97	93	2099864	75.679	ng	99
29) 2,4-Dichlorophenol	8.08	162	1476799	78.078	ng	98
30) 1,2,4-Trichlorobenzene	8.17	180	1647346	75.988	ng	99
31) Naphthalene	8.25	128	4311087	70.217	ng	97
32) Benzoic acid	8.02	122	1285933	91.854	ng	98
33) 4-Chloroaniline	8.30	127	2150376	74.211	ng	97
34) Hexachlorobutadiene	8.37	225	939073	75.680	ng	98
35) Caprolactam	8.70	113	417147	65.237	ng	88
36) 4-Chloro-3-methylphenol	8.77	107	1485950	77.193	ng	99
37) 2-Methylnaphthalene	8.95	142	2987809	71.688	ng	99
38) 1-Methylnaphthalene	9.05	142	2788273	70.620	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	1399320	71.414	ng	99

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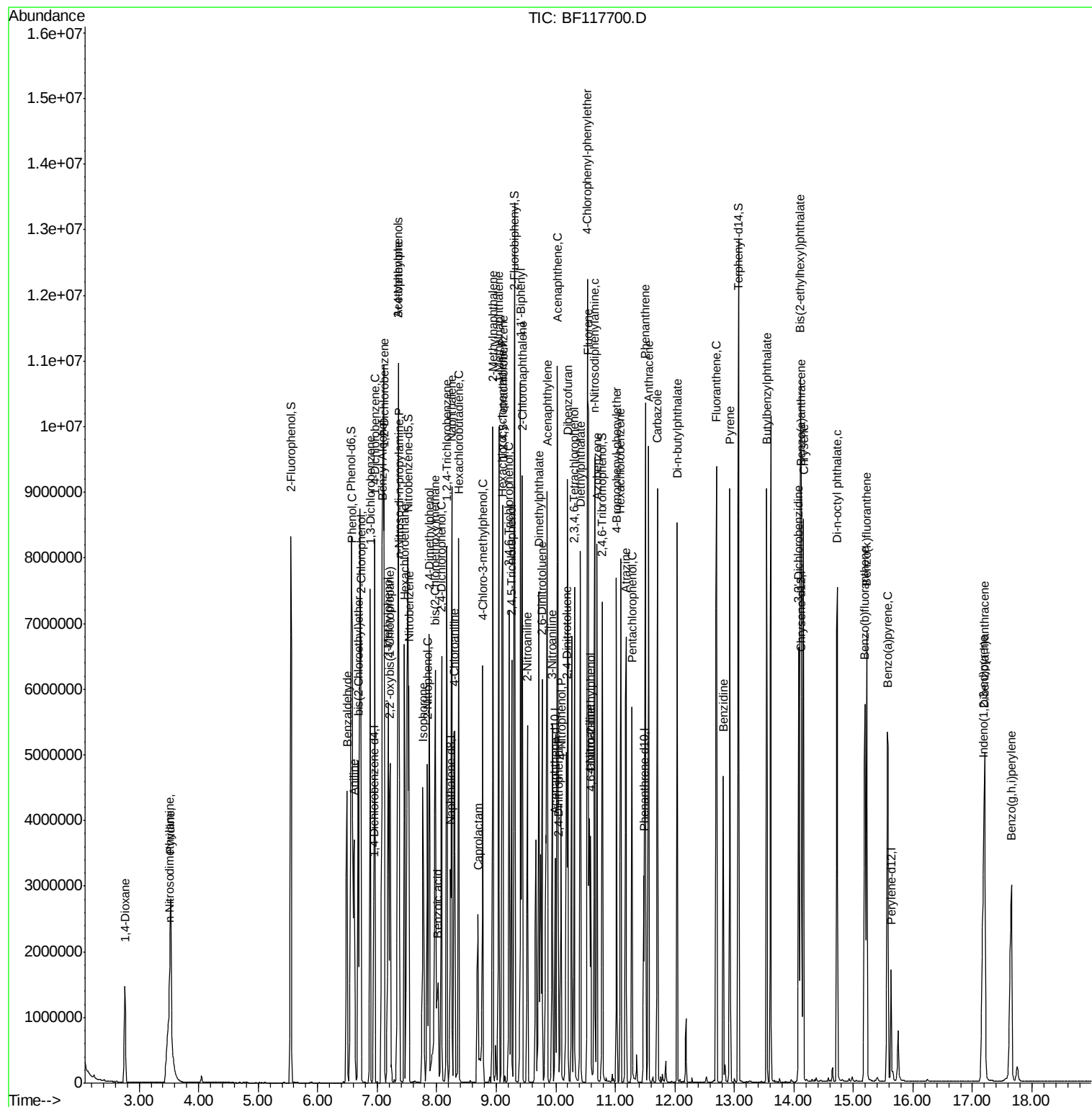
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	822884	76.065	ng	97
43) 2,4,6-Trichlorophenol	9.22	196	1082859	80.086	ng	97
44) 2,4,5-Trichlorophenol	9.26	196	1083827	79.682	ng	98
46) 1,1'-Biphenyl	9.41	154	3438794	67.095	ng	98
47) 2-Chloronaphthalene	9.44	162	2946501	71.998	ng	95
48) 2-Nitroaniline	9.53	65	1017716	82.718	ng	98
49) Acenaphthylene	9.86	152	4174427	69.280	ng	96
50) Dimethylphthalate	9.72	163	3502104	74.542	ng	99
51) 2,6-Dinitrotoluene	9.77	165	825753	80.819	ng	98
52) Acenaphthene	10.03	154	2781765	73.169	ng	99
53) 3-Nitroaniline	9.95	138	1004731	80.791	ng	98
54) 2,4-Dinitrophenol	10.05	184	339900	102.755	ng	# 75
55) Dibenzofuran	10.20	168	3790833	70.841	ng	94
56) 4-Nitrophenol	10.09	139	762468	82.736	ng	97
57) 2,4-Dinitrotoluene	10.18	165	1085355	84.591	ng	99
58) Fluorene	10.55	166	2696781	67.979	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.31	232	900043	82.223	ng	99
60) Diethylphthalate	10.42	149	3334544	72.343	ng	97
61) 4-Chlorophenyl-phenylether	10.53	204	1441513	70.256	ng	97
62) 4-Nitroaniline	10.57	138	997851	82.358	ng	96
63) Azobenzene	10.69	77	3189665	72.054	ng	96
65) 4,6-Dinitro-2-methylphenol	10.59	198	456212	96.476	ng	97
66) n-Nitrosodiphenylamine	10.65	169	2712781	71.214	ng	98
67) 4-Bromophenyl-phenylether	11.03	248	1021045	73.501	ng	99
68) Hexachlorobenzene	11.09	284	1179857	73.228	ng	99
69) Atrazine	11.18	200	904385	114.882	ng	99
70) Pentachlorophenol	11.28	266	701345	85.914	ng	97
71) Phenanthrene	11.51	178	4136920	67.168	ng	97
72) Anthracene	11.56	178	4124487	66.640	ng	96
73) Carbazole	11.71	167	3868775	68.372	ng	95
74) Di-n-butylphthalate	12.04	149	4536125	66.788	ng	# 95
75) Fluoranthene	12.70	202	4284675	68.233	ng	99
77) Benzidine	12.82	184	1764160	114.653	ng	# 95
78) Pyrene	12.93	202	4267050	77.541	ng	97
80) Butylbenzylphthalate	13.54	149	2044235	81.739	ng	98
81) Benzo(a)anthracene	14.12	228	3487746	75.597	ng	98
82) 3,3'-Dichlorobenzidine	14.08	252	1296639	77.952	ng	100
83) Chrysene	14.16	228	3414927	75.239	ng	97
84) Bis(2-ethylhexyl)phthalate	14.10	149	2445944	76.416	ng	99
85) Di-n-octyl phthalate	14.73	149	3816731	76.874	ng	99
86) Indeno(1,2,3-cd)pyrene	17.19	276	3559582	83.623	ng	100
88) Benzo(b)fluoranthene	15.19	252	3538165	80.445	ng	98
89) Benzo(k)fluoranthene	15.23	252	2964570	72.847	ng	97
90) Benzo(a)pyrene	15.57	252	3013065	77.973	ng	97
91) Dibenzo(a,h)anthracene	17.21	278	2856666	83.049	ng	99
92) Benzo(g,h,i)perylene	17.66	276	2890098	85.972	ng	99

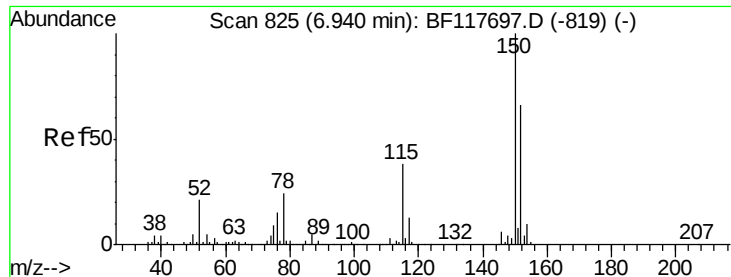
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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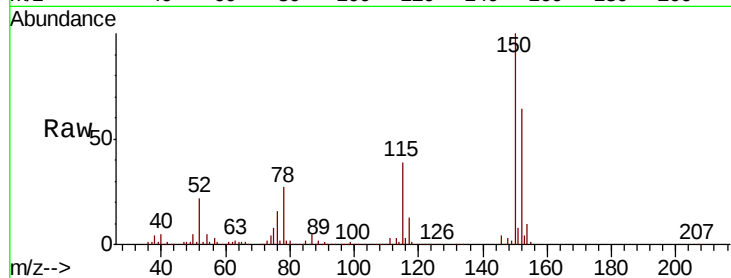


#1

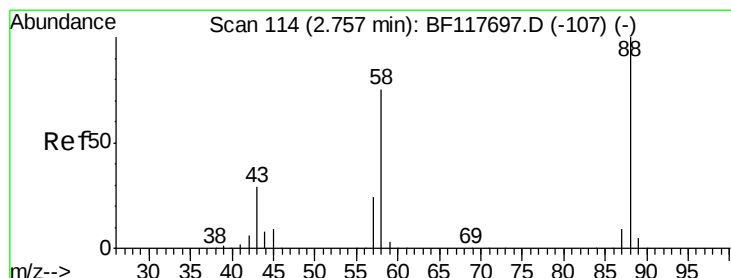
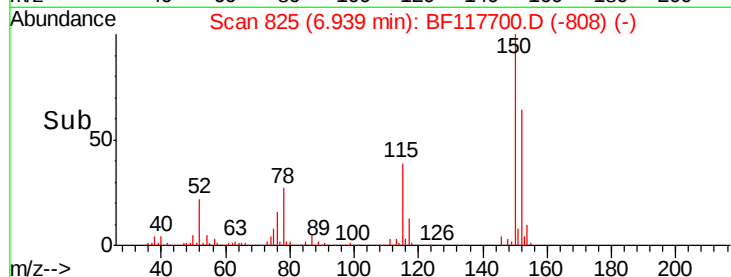
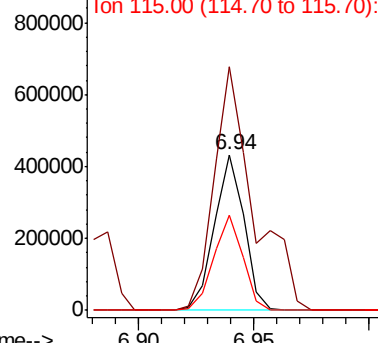
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	121.4	182.2
115	61.0	46.7	70.1



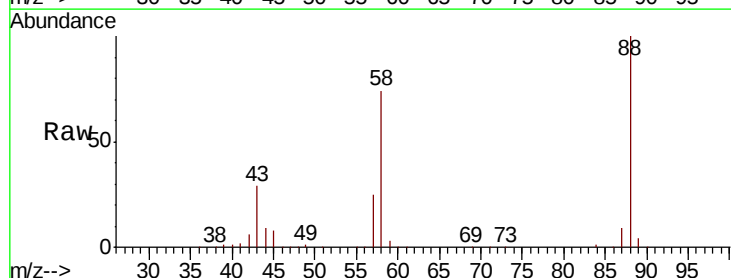
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



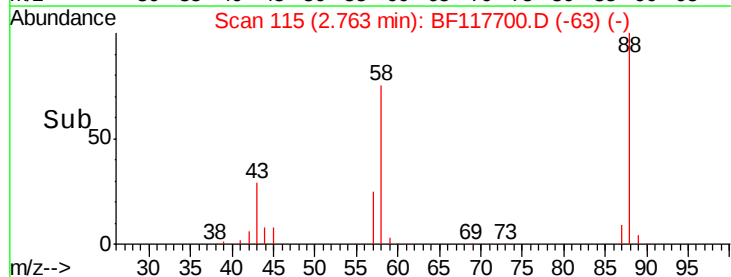
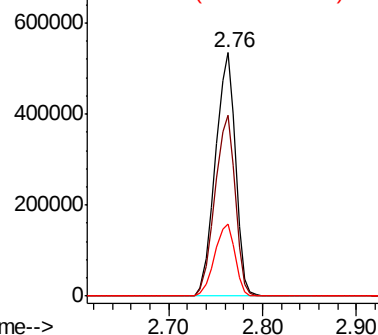
#2

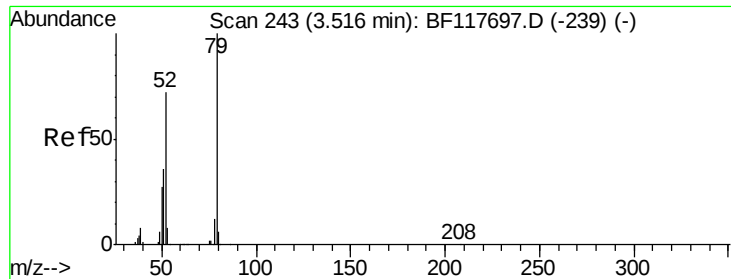
1,4-Dioxane
Concen: 72.175 ng
RT: 2.76 min Scan# 115
Delta R.T. 0.01 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.8	60.1	90.1
43	29.9	24.0	36.0



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: 74.477 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.02 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

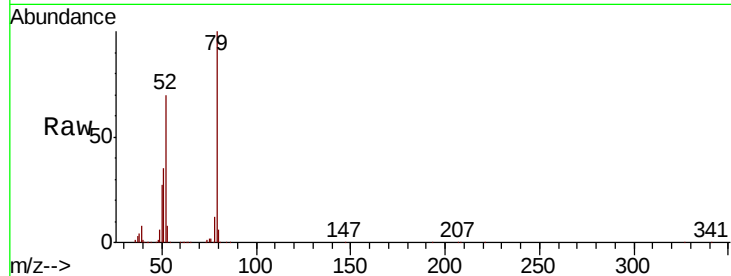
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 2212779

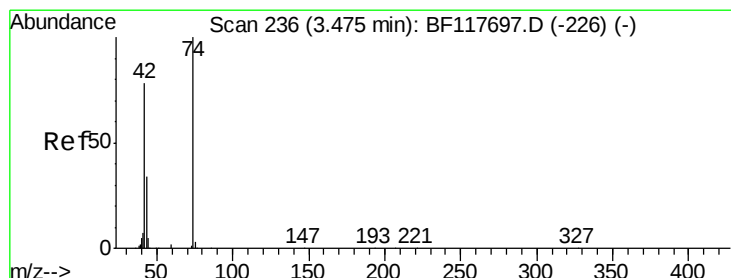
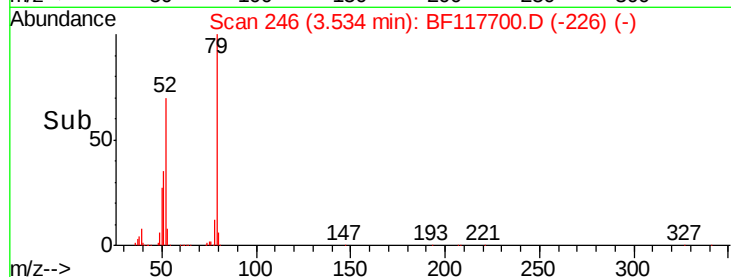
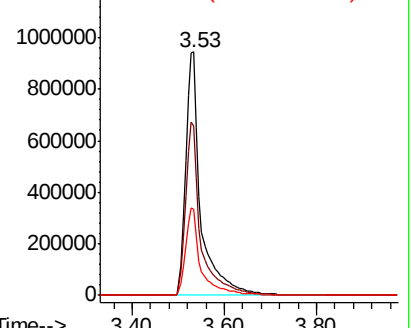
Ion	Ratio	Lower	Upper
79	100		
52	69.6	57.2	85.8
51	35.2	28.6	42.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 72.769 ng

RT: 3.50 min Scan# 241

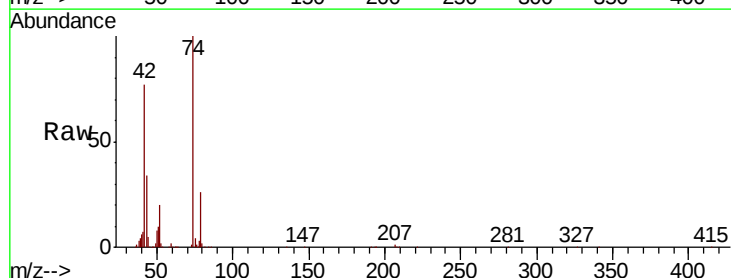
Delta R.T. 0.03 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

Tgt Ion: 42 Resp: 979178

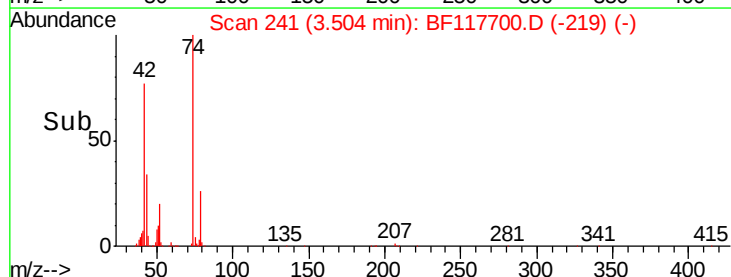
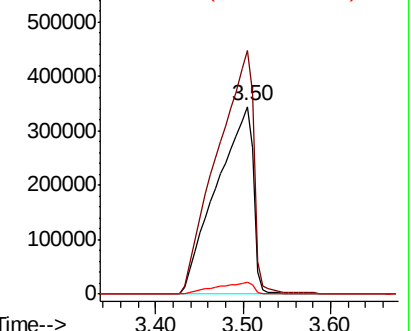
Ion	Ratio	Lower	Upper
42	100		
74	129.7	103.1	154.7
44	6.5	5.0	7.6

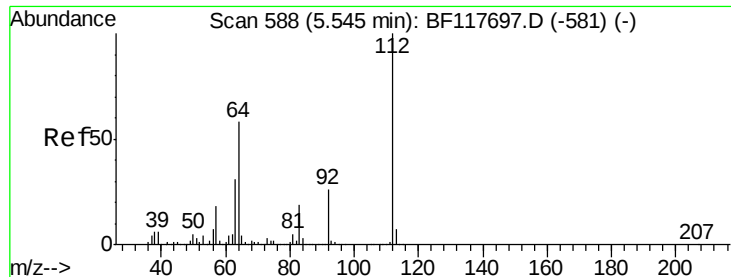


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 125.486 ng

RT: 5.55 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

Instrument :

BNA_F

ClientSampled :

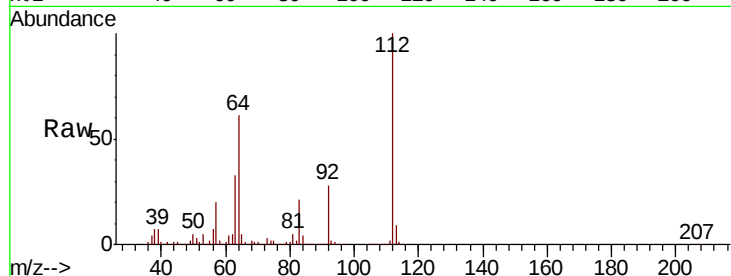
Tot Ion:112 Resp: 2964912

Ion Ratio Lower Upper

112 100

64 61.3 46.4 69.6

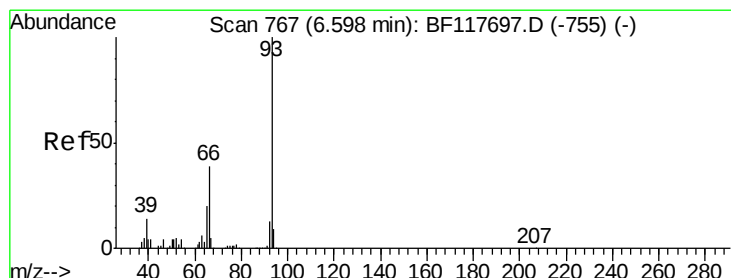
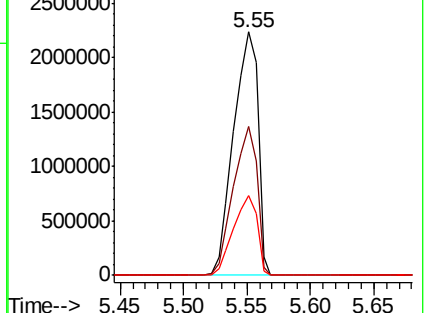
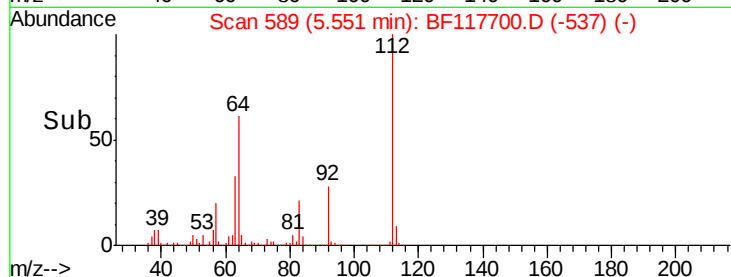
63 33.0 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 69.207 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

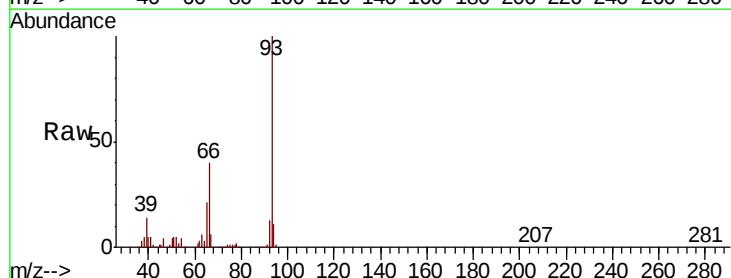
Tgt Ion: 93 Resp: 2739851

Ion Ratio Lower Upper

93 100

66 40.1 31.7 47.5

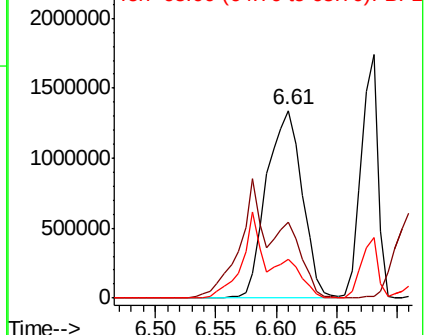
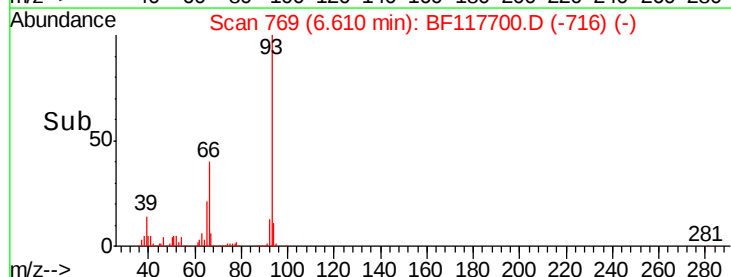
65 20.7 15.8 23.8

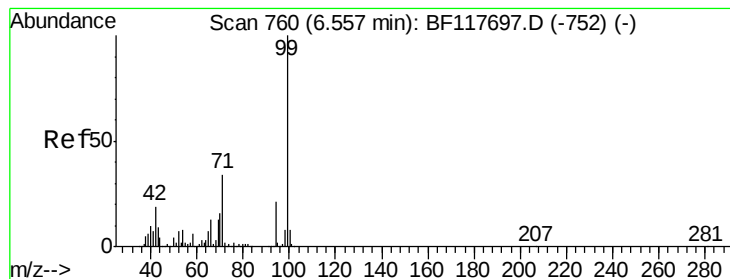


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 124.501 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF117700.D

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ClientSampled :

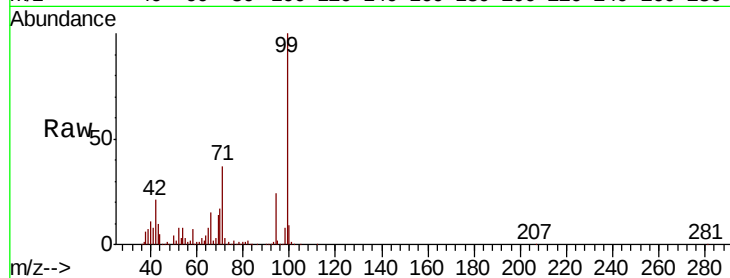
Tot Ion: 99 Resp: 3632178

Ion Ratio Lower Upper

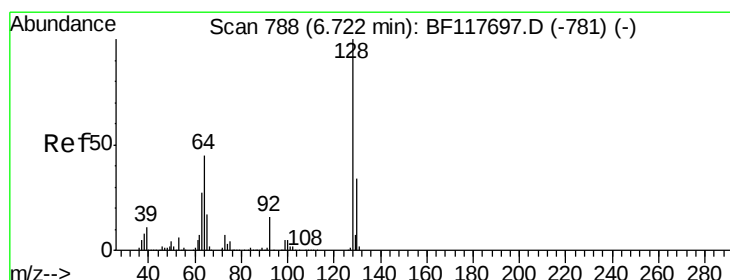
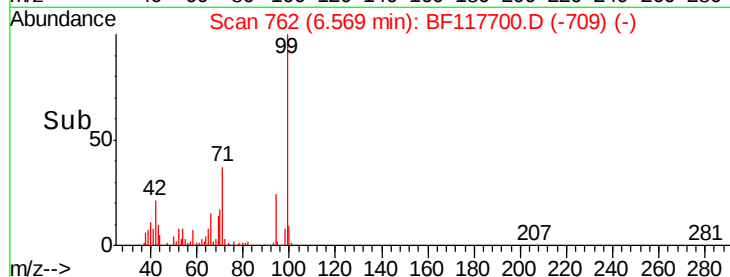
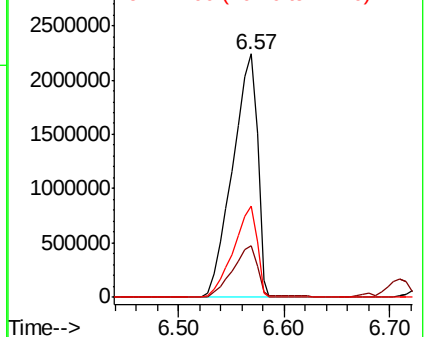
99 100

42 21.3 15.3 22.9

71 37.4 26.8 40.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 68.498 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.01 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

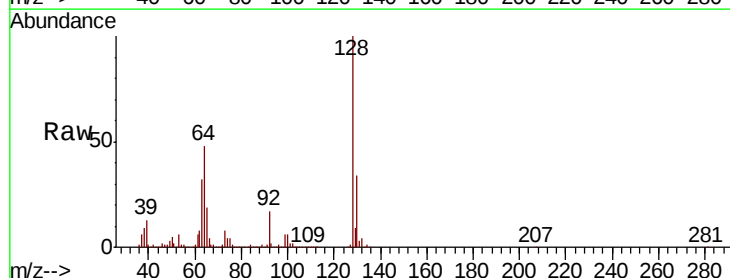
Tgt Ion:128 Resp: 1660317

Ion Ratio Lower Upper

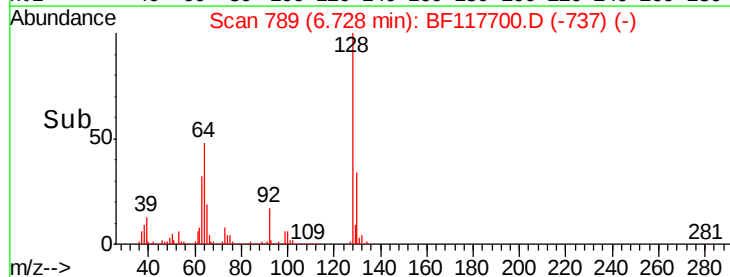
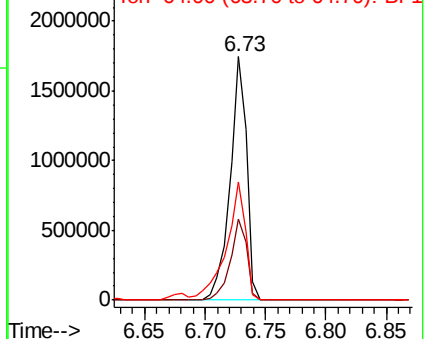
128 100

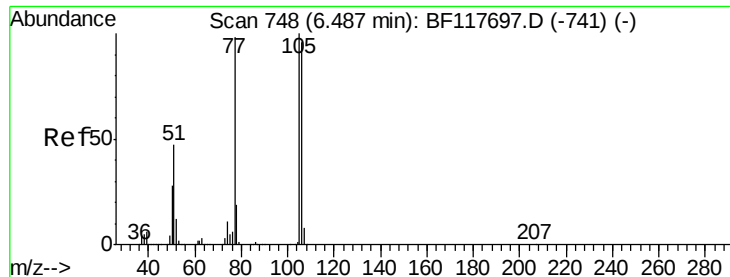
130 33.5 13.6 53.6

64 48.3 25.2 65.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 80.978 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

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ClientSampleId :

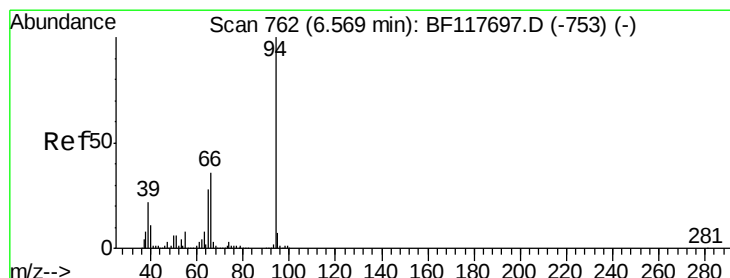
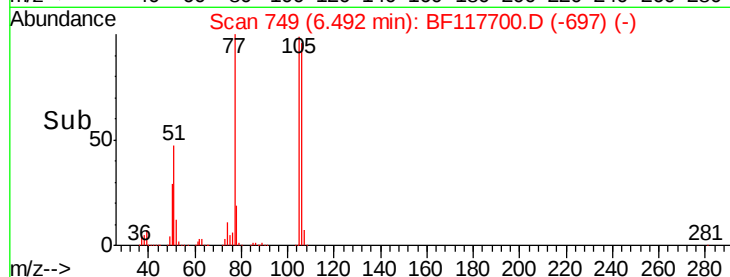
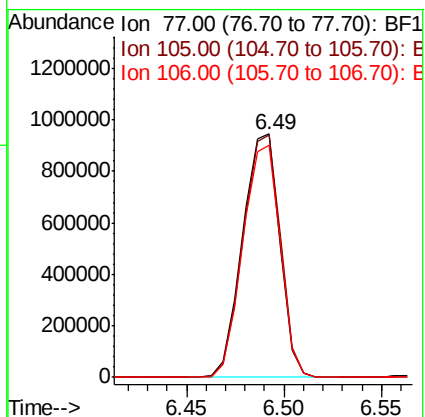
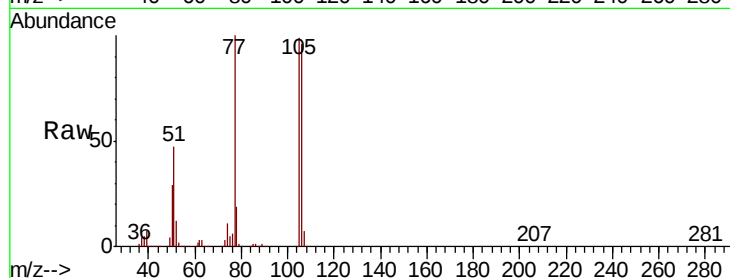
Tot Ion: 77 Resp: 1243115

Ion Ratio Lower Upper

77 100

105 99.4 82.3 122.3

106 95.6 78.0 118.0



#10

Phenol

Concen: 68.737 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

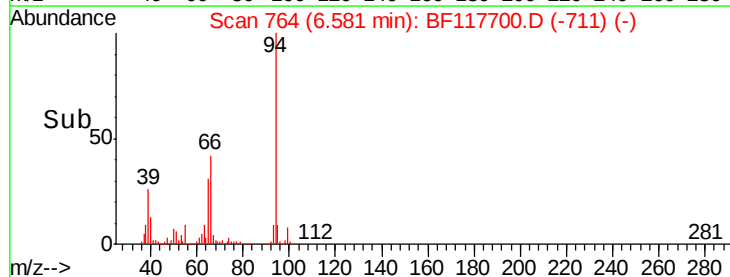
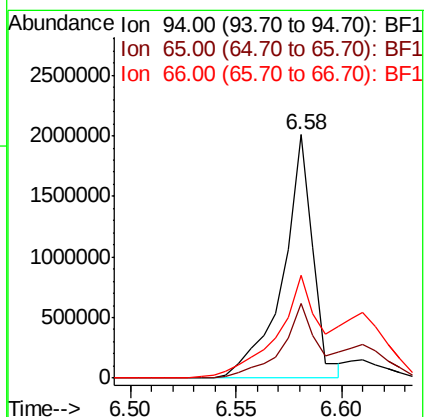
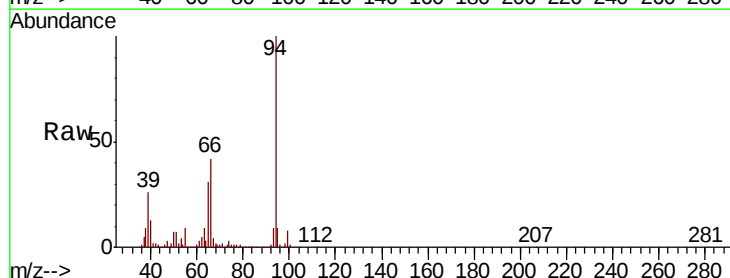
Tgt Ion: 94 Resp: 2002638

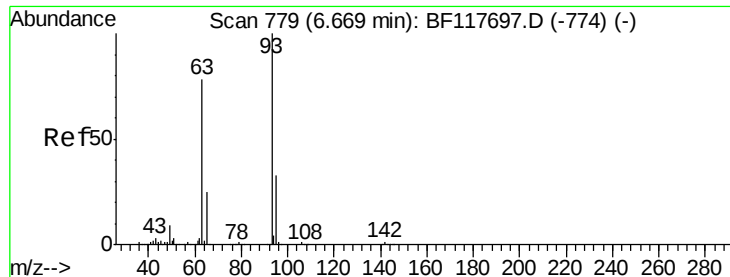
Ion Ratio Lower Upper

94 100

65 30.8 7.6 47.6

66 42.3 16.1 56.1

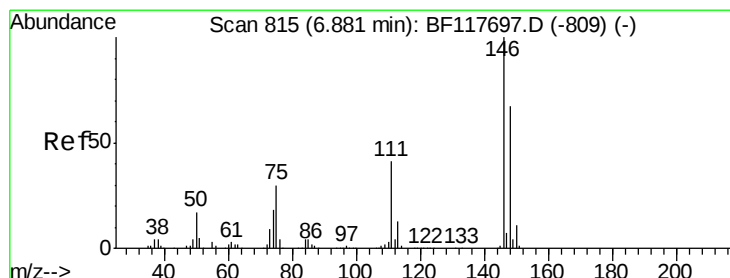
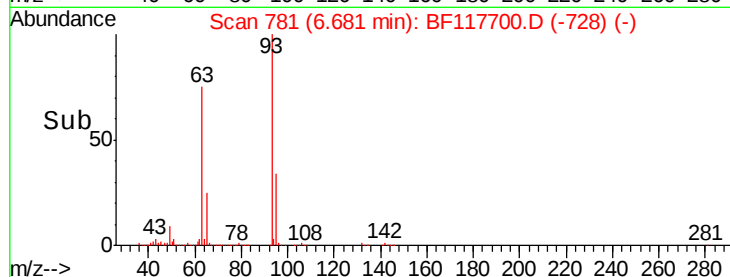
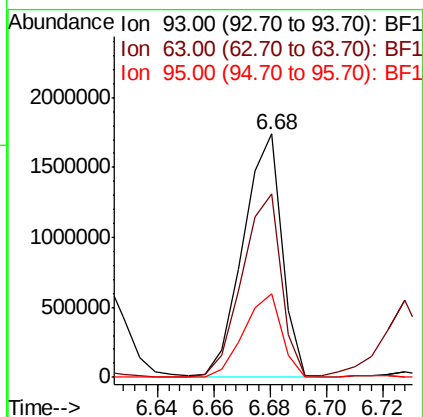
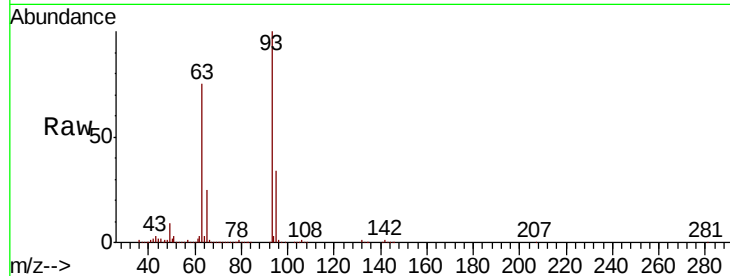




#11
bis(2-Chloroethyl)ether
Concen: 68.757 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.01 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

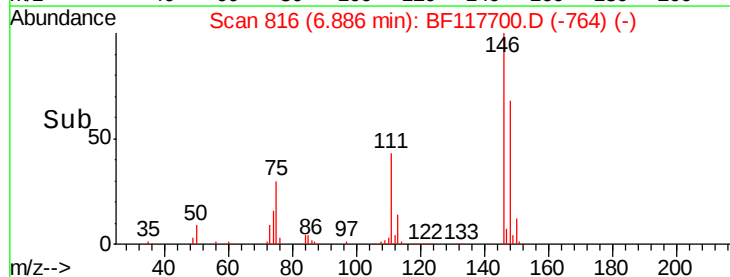
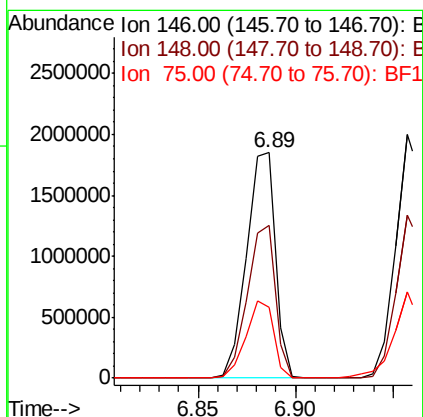
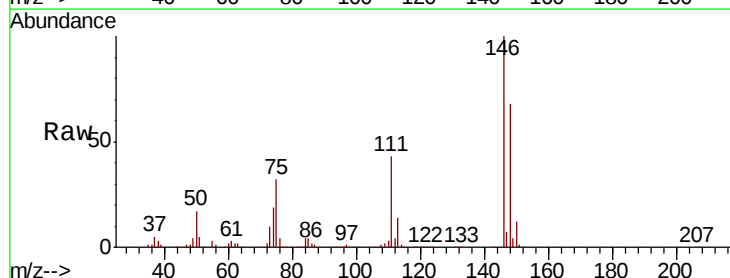
Instrument :
BNA_F
ClientSampleId :

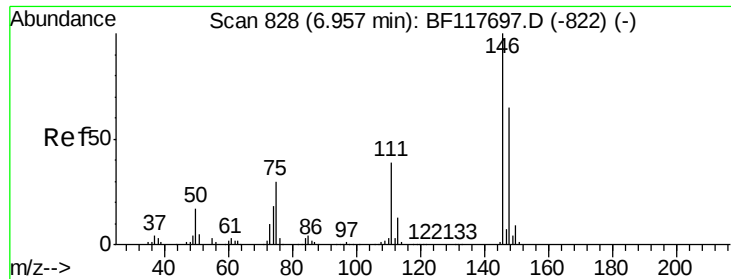
Tot Ion: 93 Resp: 1644305
Ion Ratio Lower Upper
93 100
63 75.4 57.6 97.6
95 34.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 67.920 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Tgt Ion: 146 Resp: 1900616
Ion Ratio Lower Upper
146 100
148 67.7 53.4 80.2
75 31.5 24.0 36.0

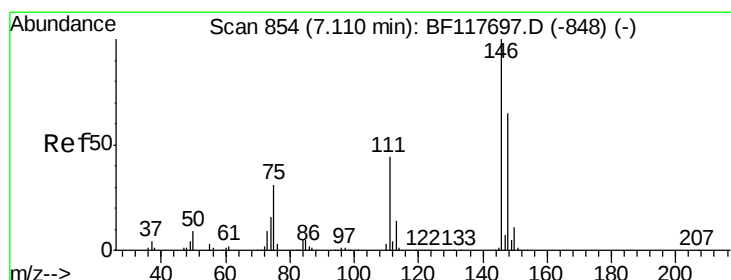
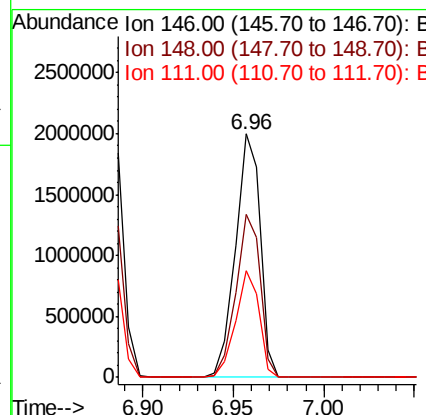
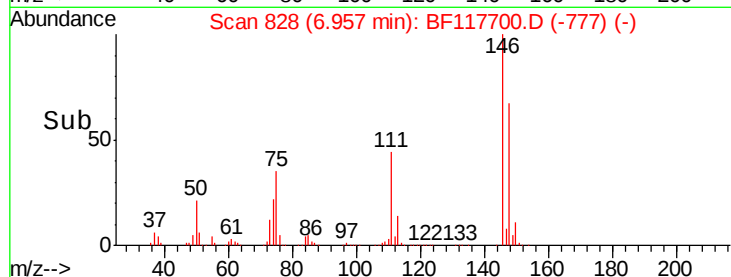
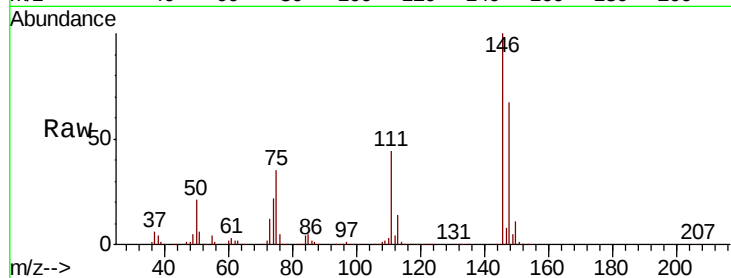




#13
 1,4-Dichlorobenzene
 Concen: 67.442 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF117700.D
 Acq: 6 Nov 2019 14:47

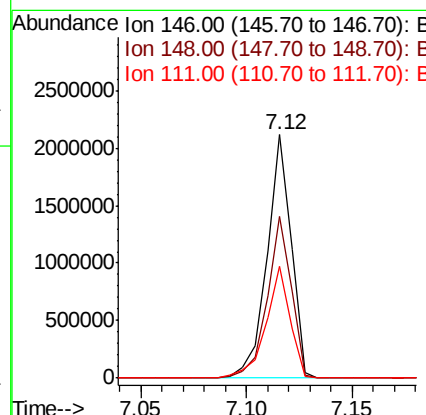
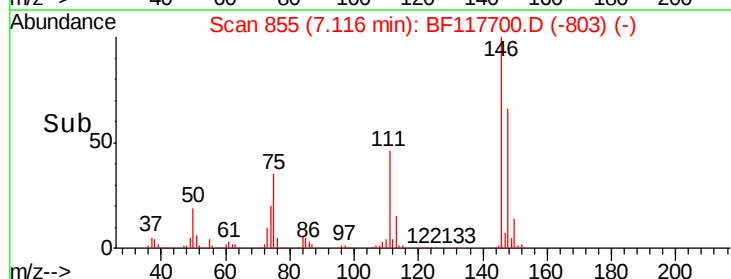
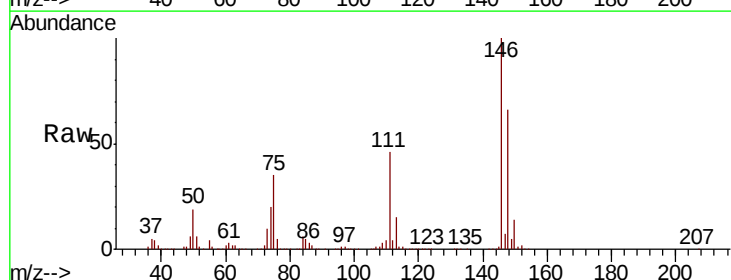
Instrument :
 BNA_F
 ClientSampleId :

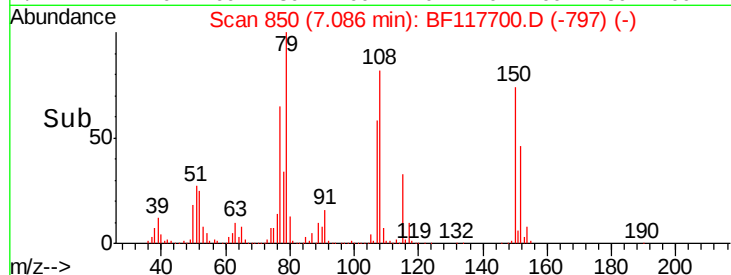
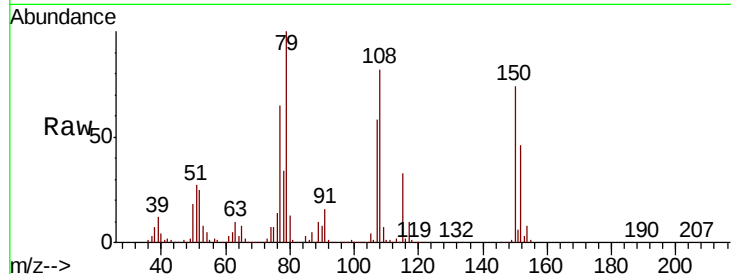
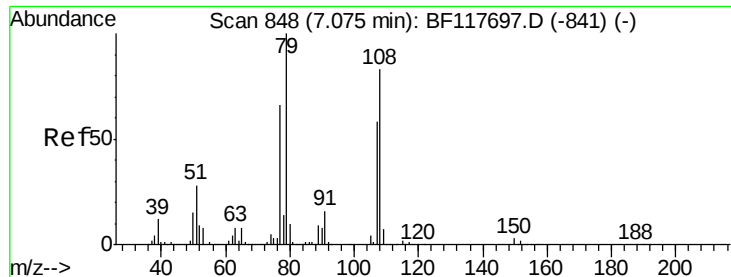
Tot Ion:146 Resp: 1895310
 Ion Ratio Lower Upper
 146 100
 148 66.8 51.9 77.9
 111 43.9 31.6 47.4



#14
 1,2-Dichlorobenzene
 Concen: 65.481 ng
 RT: 7.12 min Scan# 855
 Delta R.T. 0.01 min
 Lab File: BF117700.D
 Acq: 6 Nov 2019 14:47

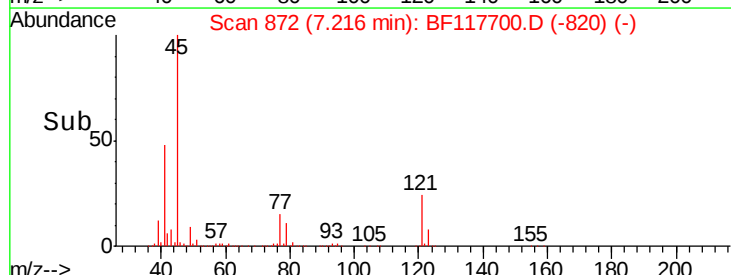
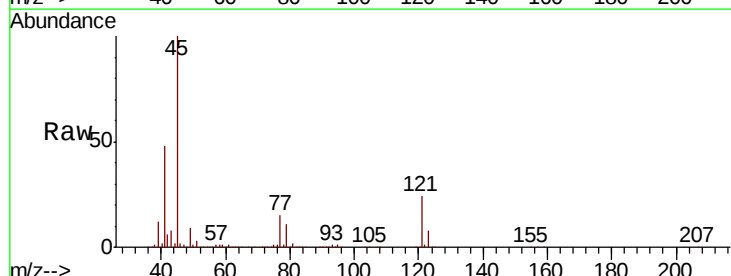
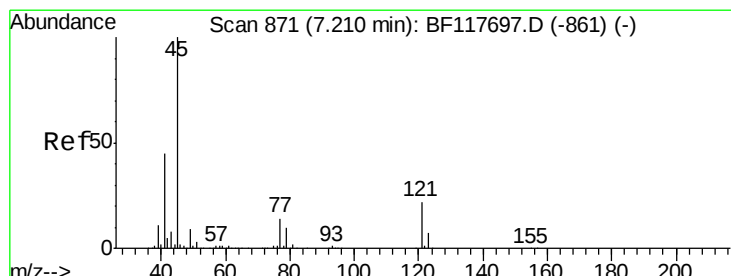
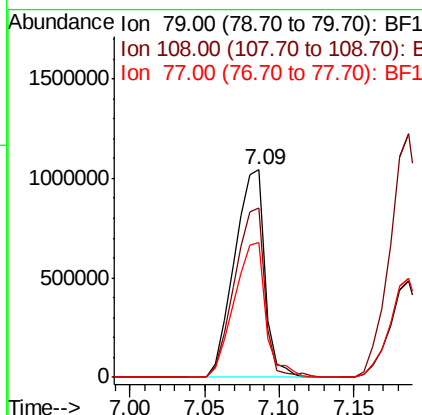
Tgt Ion:146 Resp: 1685837
 Ion Ratio Lower Upper
 146 100
 148 66.4 52.1 78.1
 111 46.2 35.1 52.7





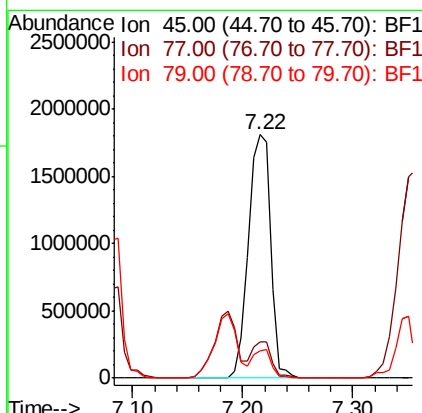
#15
Benzyl Alcohol
Concen: 69.512 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

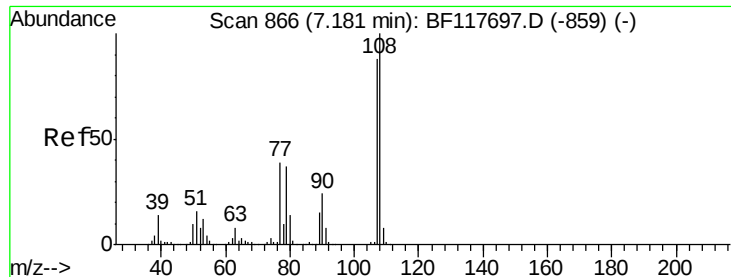
Tot Ion: 79 Resp: 1488046
Ion Ratio Lower Upper
79 100
108 81.7 66.5 99.7
77 65.1 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 67.560 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Tgt Ion: 45 Resp: 2570851
Ion Ratio Lower Upper
45 100
77 15.1 0.0 33.8
79 11.2 0.0 30.5





#17

2-Methylphenol

Concen: 70.524 ng

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 1475527

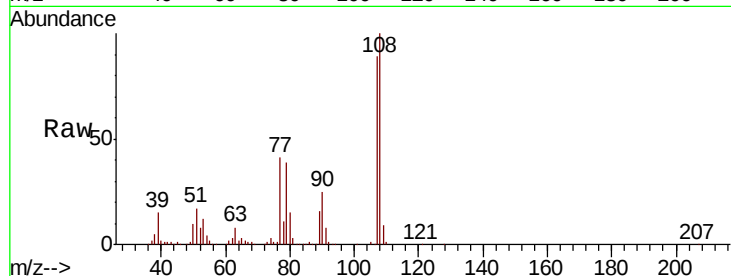
Ion Ratio Lower Upper

107 100

108 112.9 91.1 136.7

77 45.8 35.8 53.8

79 44.6 34.1 51.1



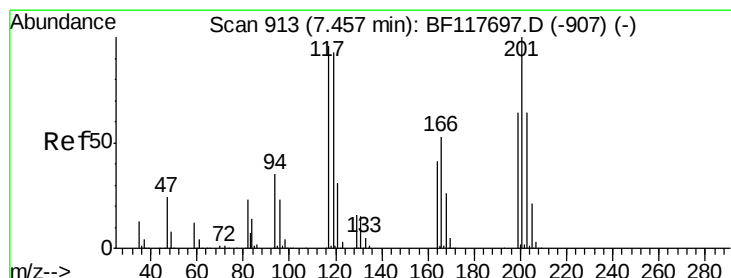
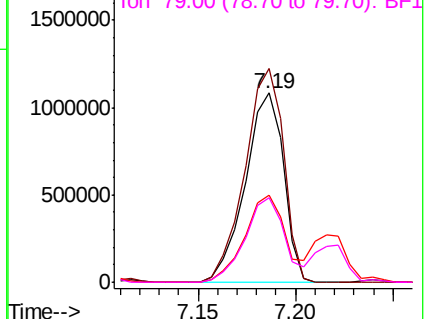
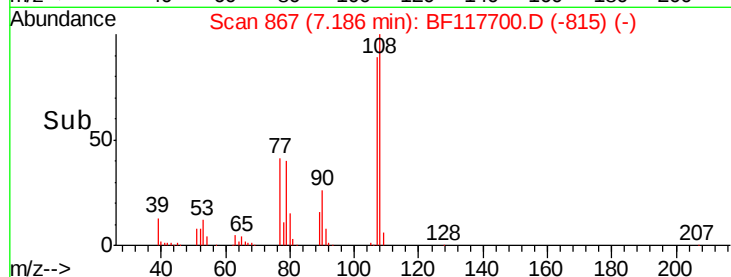
Abundance

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: 70.692 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

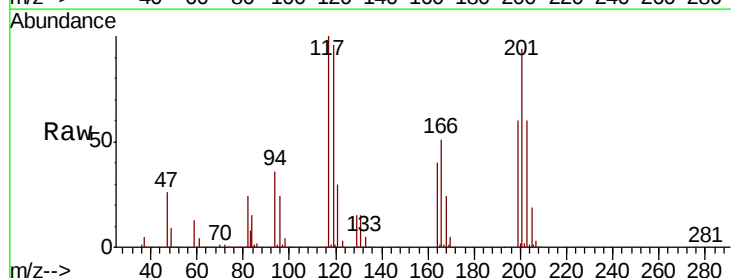
Tgt Ion:117 Resp: 735914

Ion Ratio Lower Upper

117 100

119 95.5 77.7 116.5

201 93.9 83.2 124.8

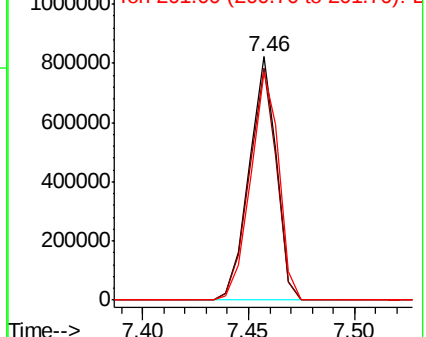
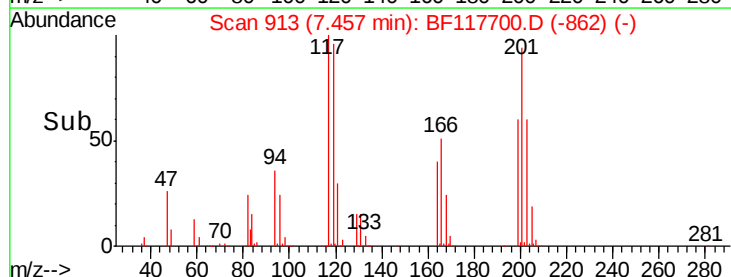


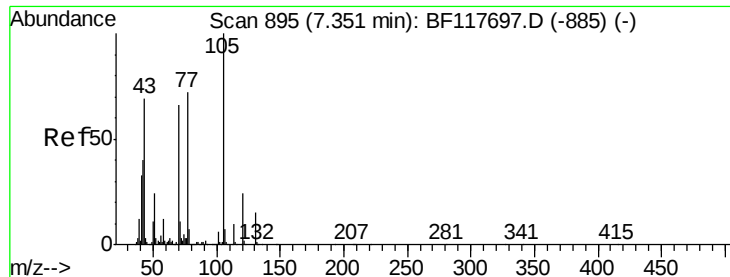
Abundance

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



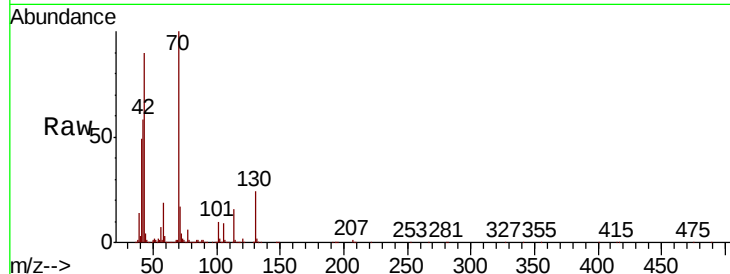


#19
n-Nitroso-di-n-propylamine
Concen: 69.572 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.02 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 1235012

Ion	Ratio	Lower	Upper
70	100		
42	58.4	49.1	73.7
101	10.5	7.8	11.8
130	23.7	17.9	26.9



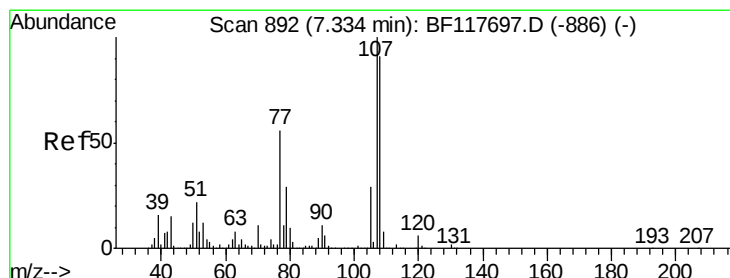
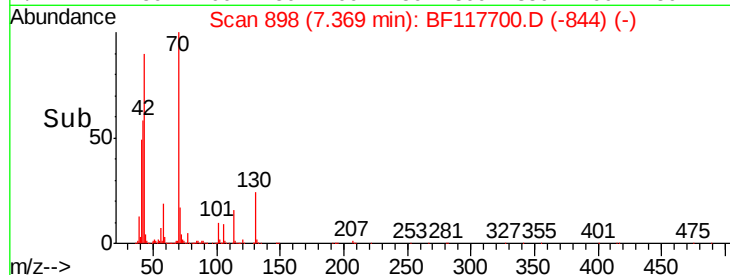
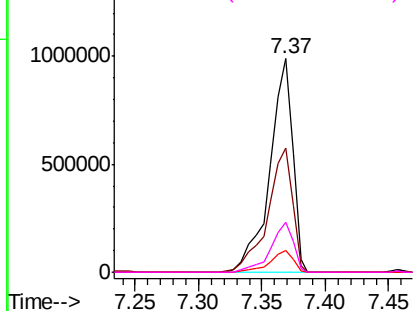
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 65.093 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.01 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Tgt Ion: 107 Resp: 1606538

Ion	Ratio	Lower	Upper
107	100		
108	90.4	70.5	110.5
77	77.4	35.6	75.6#
79	29.4	8.7	48.7

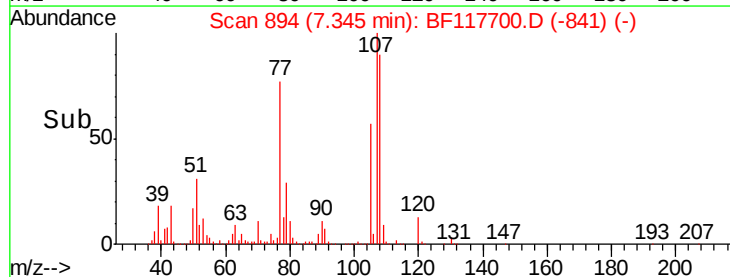
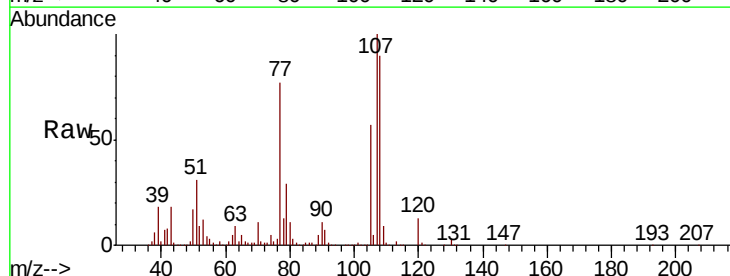
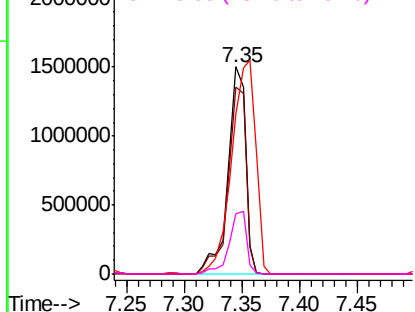
Abundance

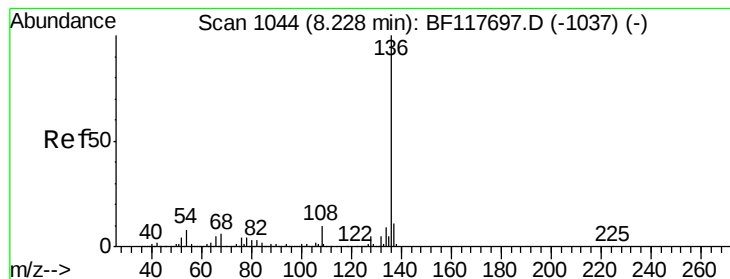
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1412126

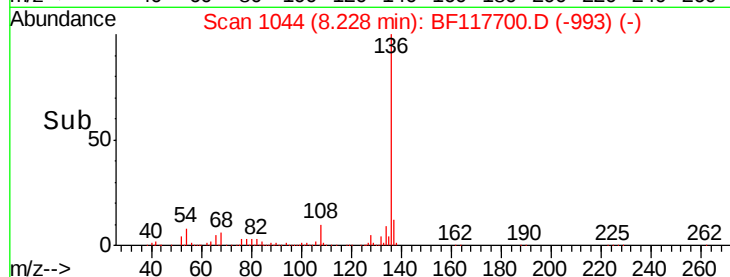
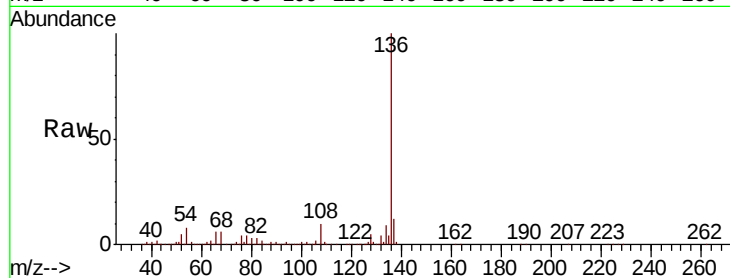
Ion Ratio Lower Upper

136 100

137 11.6 8.8 13.2

54 8.3 6.0 9.0

68 6.4 4.8 7.2

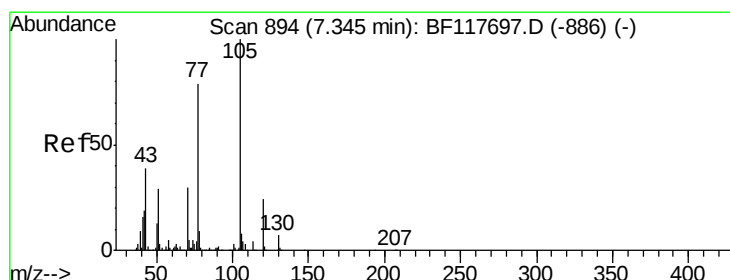
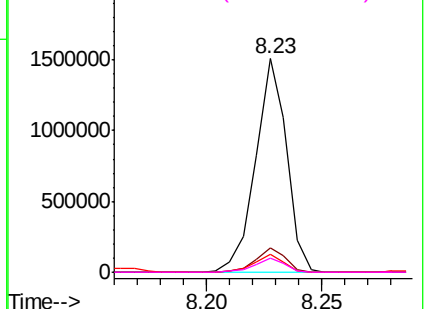


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.531 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.01 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

Tgt Ion:105 Resp: 2243209

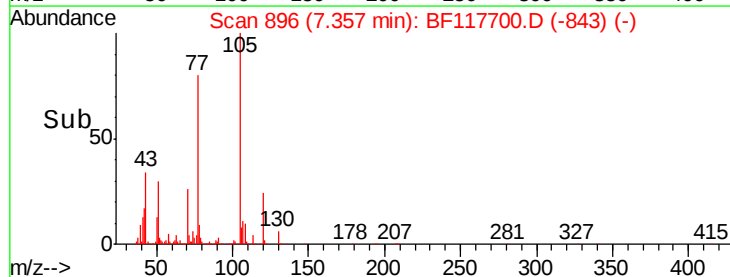
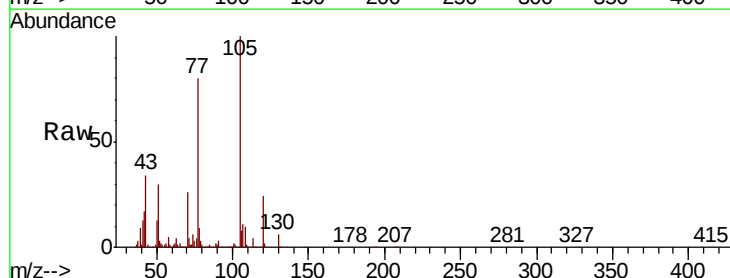
Ion Ratio Lower Upper

105 100

71 4.3 3.9 5.9

51 29.7 23.0 34.4

120 23.8 19.1 28.7

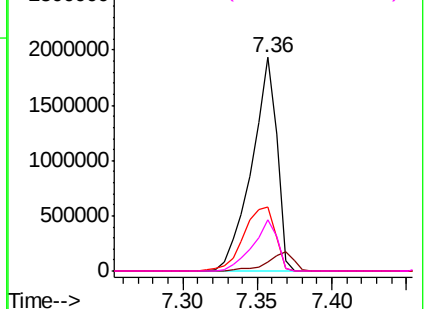


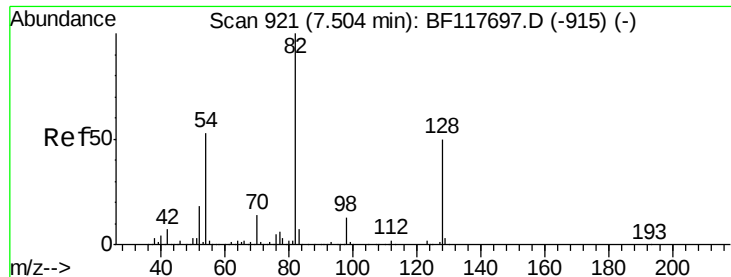
Abundance Ion 105.00 (104.70 to 105.70): E

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

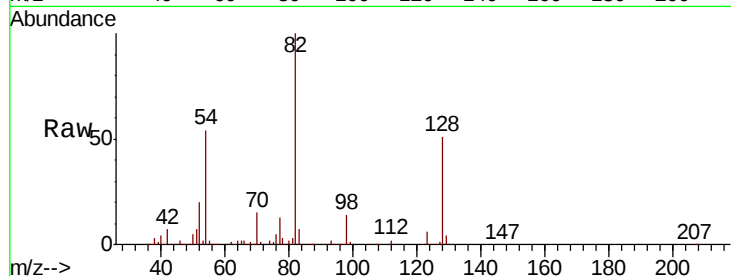




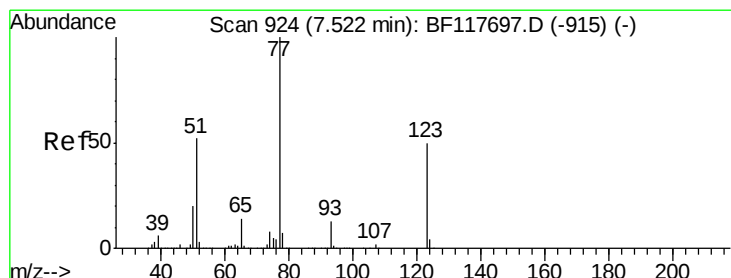
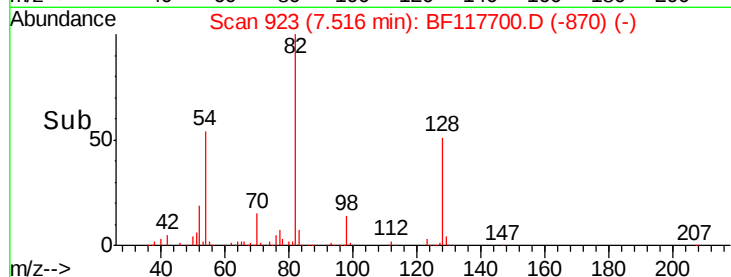
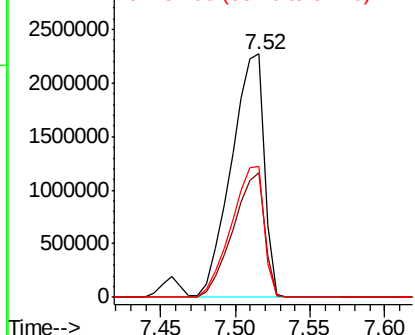
#23
 Nitrobenzene-d5
 Concen: 152.068 ng
 RT: 7.52 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: BF117700.D
 Acq: 6 Nov 2019 14:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 3485710
 Ion Ratio Lower Upper
 82 100
 128 51.2 40.2 60.2
 54 53.7 42.0 63.0

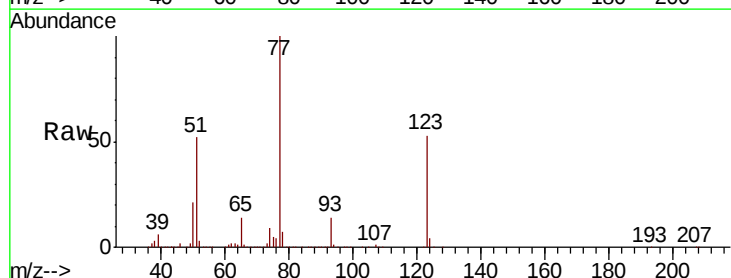


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

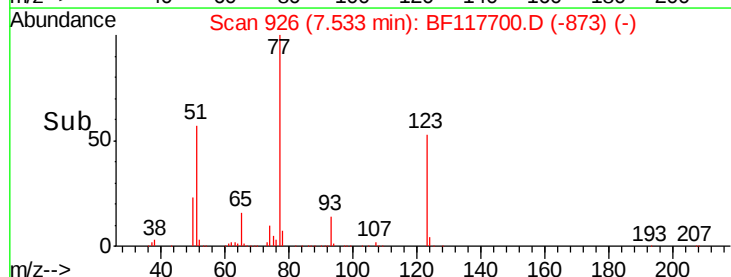
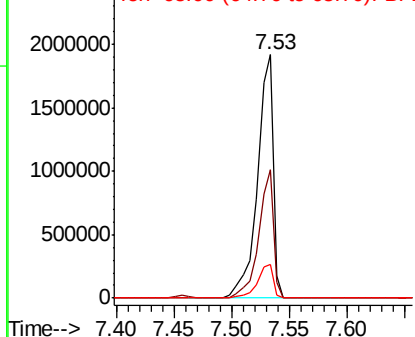


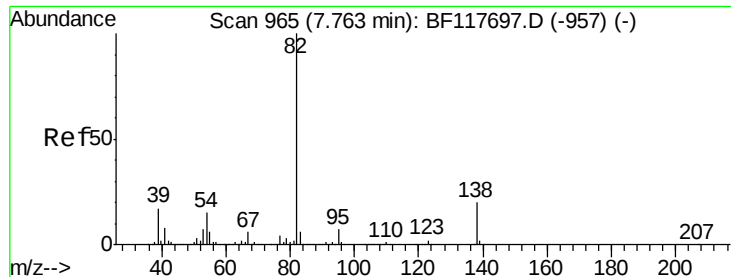
#24
 Nitrobenzene
 Concen: 77.369 ng
 RT: 7.53 min Scan# 926
 Delta R.T. 0.01 min
 Lab File: BF117700.D
 Acq: 6 Nov 2019 14:47

Tgt Ion: 77 Resp: 1825560
 Ion Ratio Lower Upper
 77 100
 123 52.6 40.4 60.6
 65 14.1 10.8 16.2



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: 77.191 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

Instrument :

BNA_F

ClientSampleId :

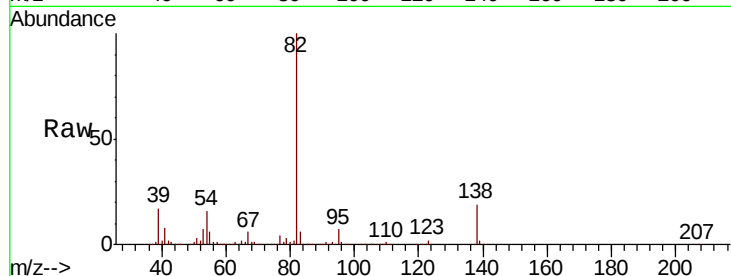
Tot Ion: 82 Resp: 3392071

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.6

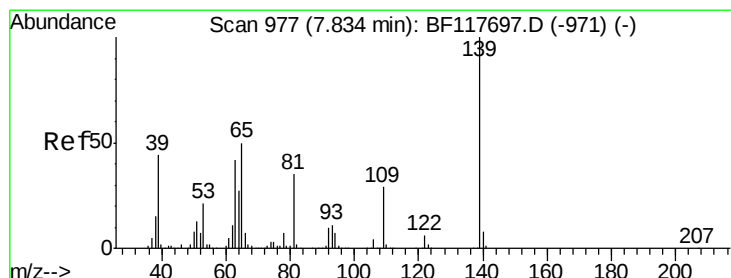
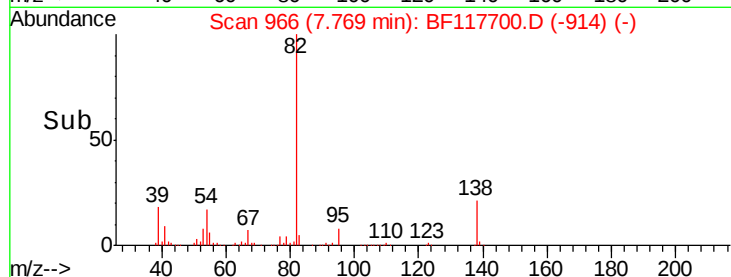
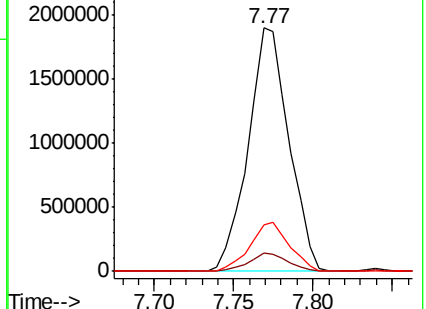
138 19.3 16.2 24.2



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: 88.058 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.01 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

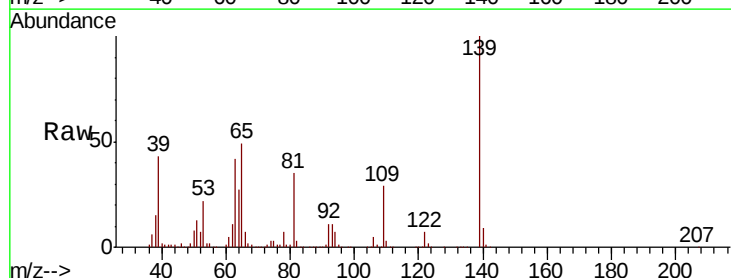
Tgt Ion: 139 Resp: 914205

Ion Ratio Lower Upper

139 100

109 28.7 22.8 34.2

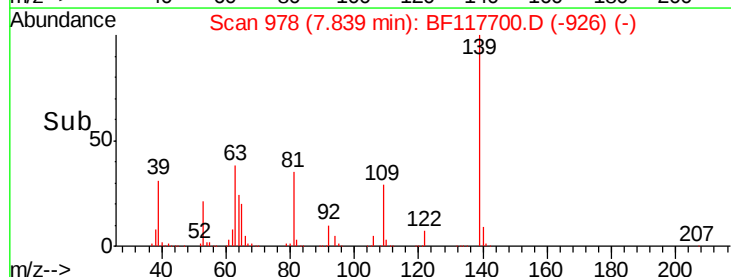
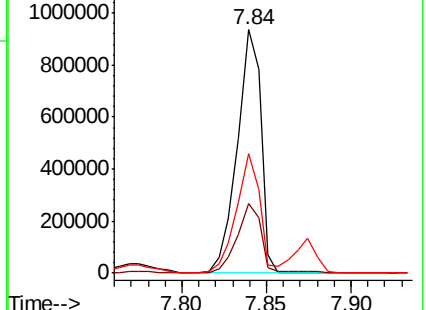
65 49.3 40.2 60.4

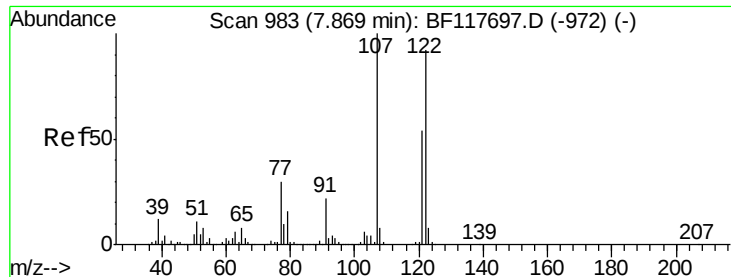


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

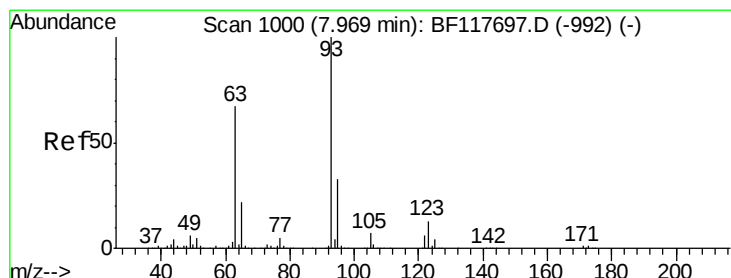
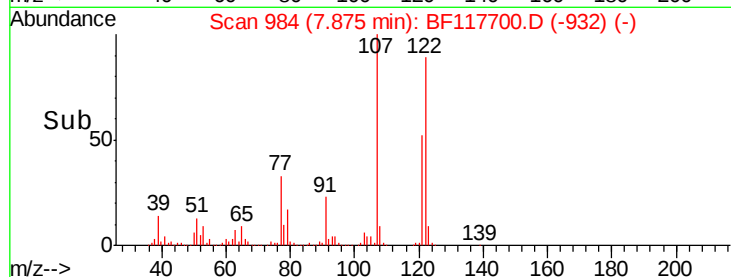
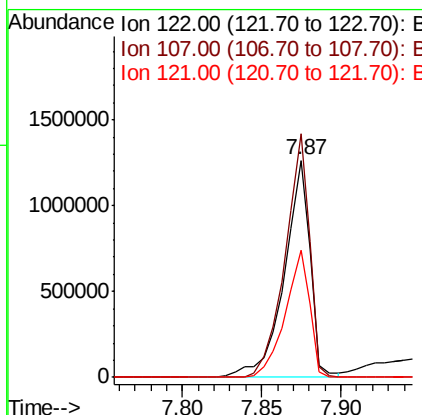
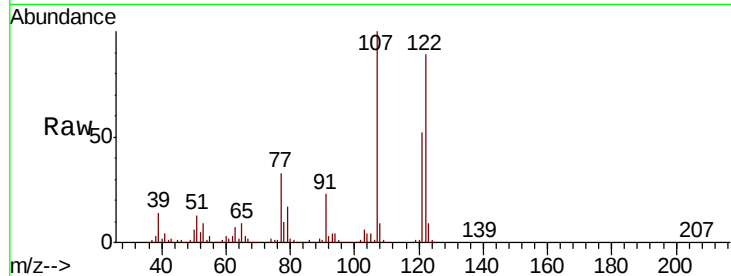




#27
2,4-Dimethylphenol
Concen: 76.008 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.01 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

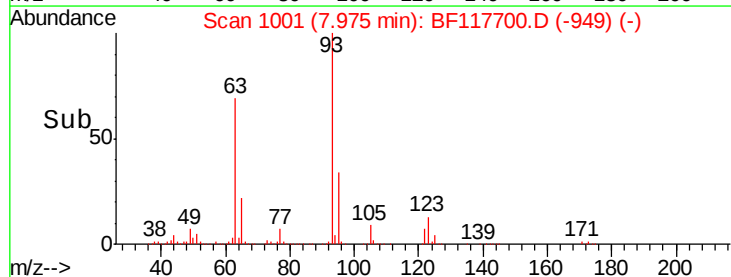
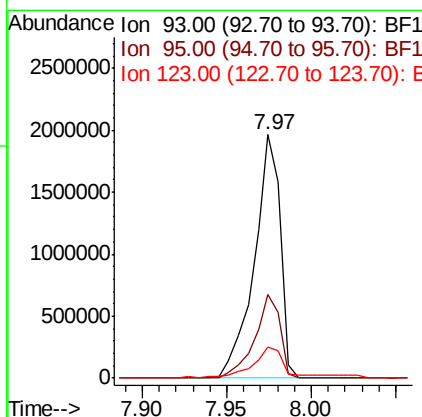
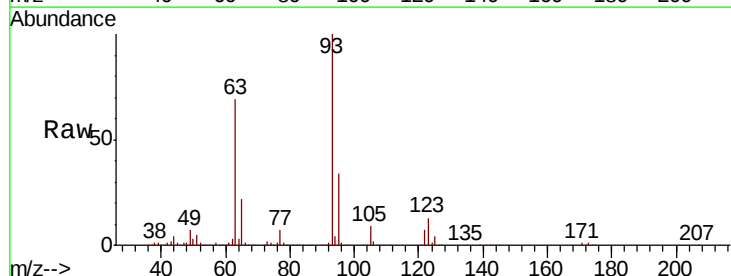
Instrument :
BNA_F
ClientSampleId :

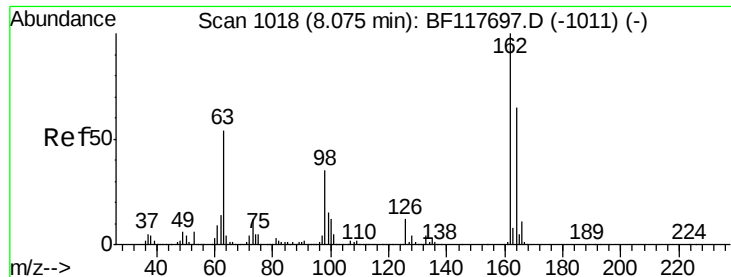
Tot Ion:122 Resp: 1427725
Ion Ratio Lower Upper
122 100
107 112.0 87.1 130.7
121 58.5 46.9 70.3



#28
bis(2-Chloroethoxy)methane
Concen: 75.679 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Tgt Ion: 93 Resp: 2099864
Ion Ratio Lower Upper
93 100
95 34.3 26.8 40.2
123 12.8 10.4 15.6

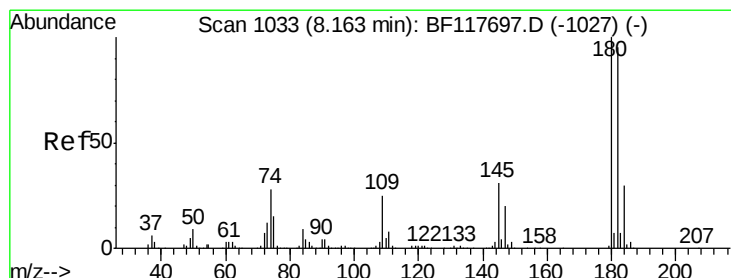
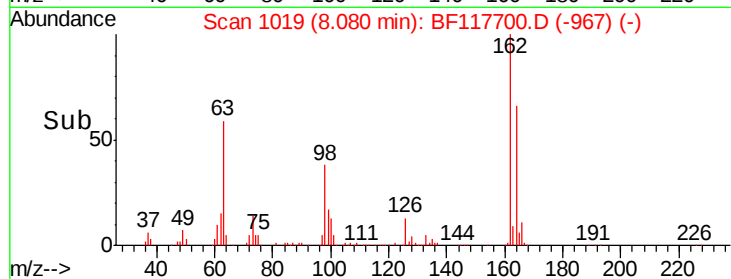
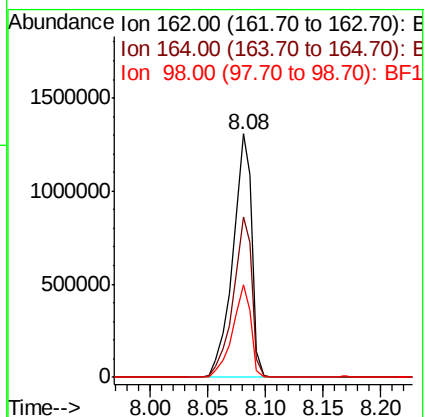
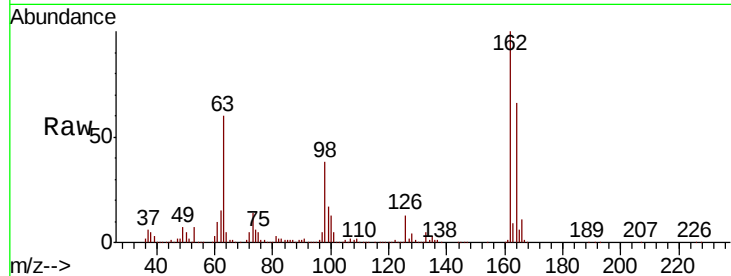




#29
 2,4-Dichlorophenol
 Concen: 78.078 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: BF117700.D
 Acq: 6 Nov 2019 14:47

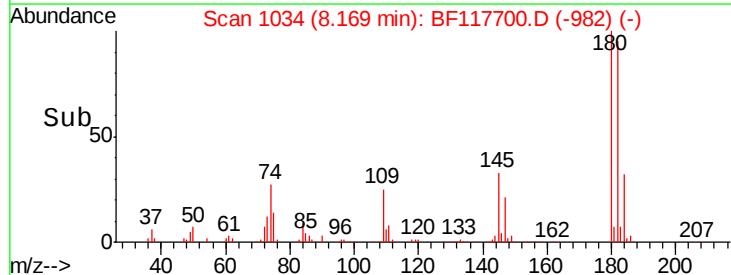
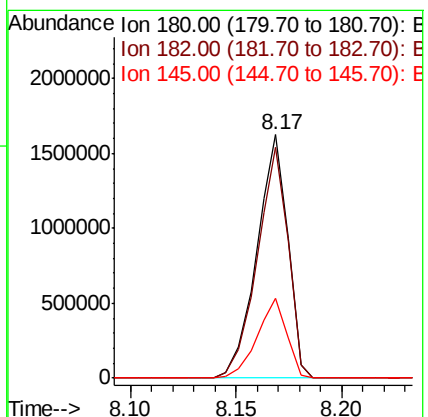
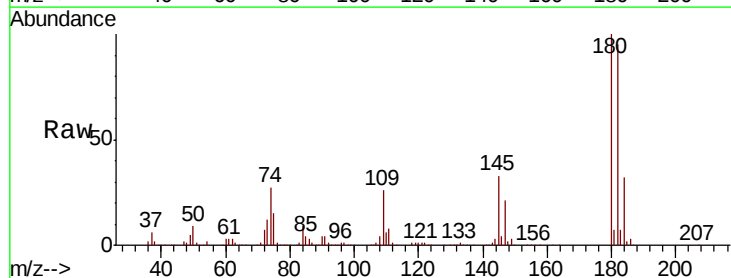
Instrument :
 BNA_F
 ClientSampleId :

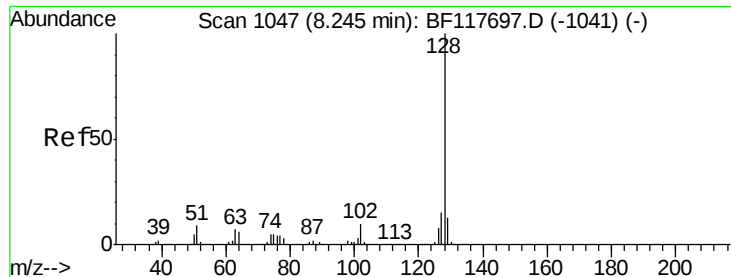
Tot Ion:162 Resp: 1476799
 Ion Ratio Lower Upper
 162 100
 164 65.8 45.4 85.4
 98 37.8 15.5 55.5



#30
 1,2,4-Trichlorobenzene
 Concen: 75.988 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: BF117700.D
 Acq: 6 Nov 2019 14:47

Tgt Ion:180 Resp: 1647346
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.0 114.0
 145 32.9 25.0 37.4

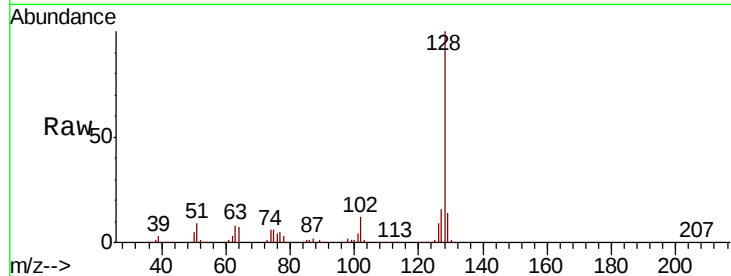




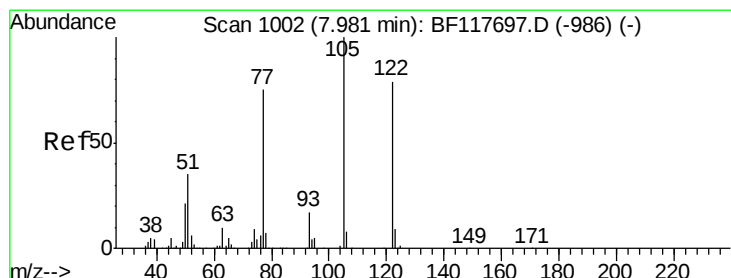
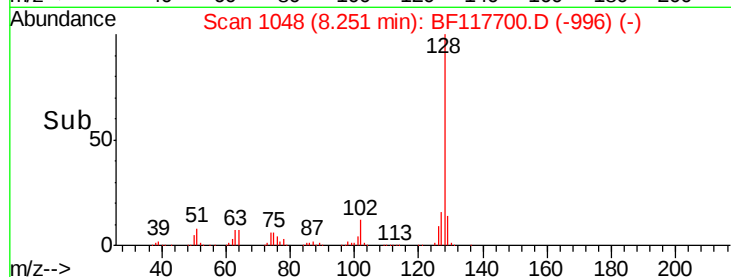
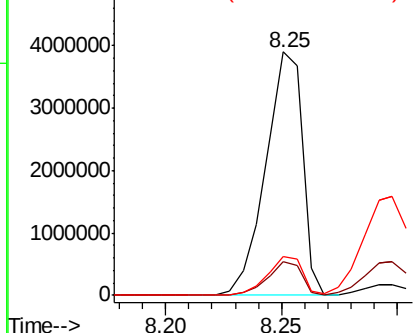
#31
Naphthalene
Concen: 70.217 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 4311087
Ion Ratio Lower Upper
128 100
129 14.0 10.1 15.1
127 16.1 11.8 17.6

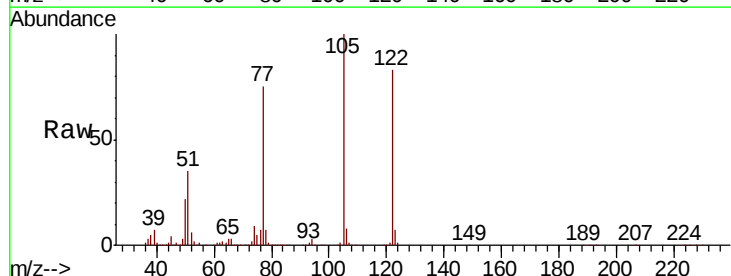


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

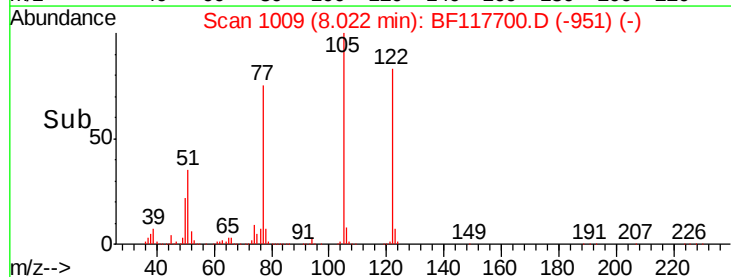
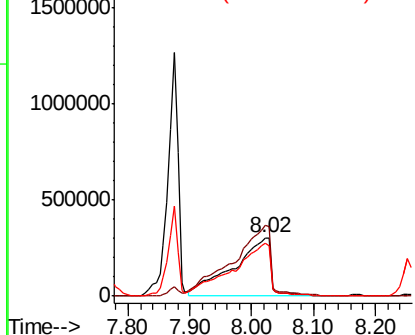


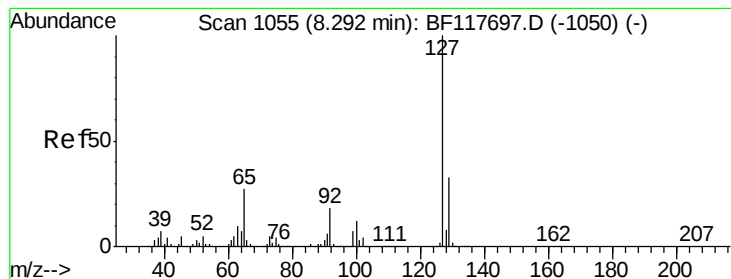
#32
Benzoic acid
Concen: 91.854 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.04 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Tgt Ion:122 Resp: 1285933
Ion Ratio Lower Upper
122 100
105 120.8 102.8 142.8
77 90.1 73.2 113.2



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: 74.211 ng

RT: 8.30 min Scan# 1056

Delta R.T. 0.01 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 2150376

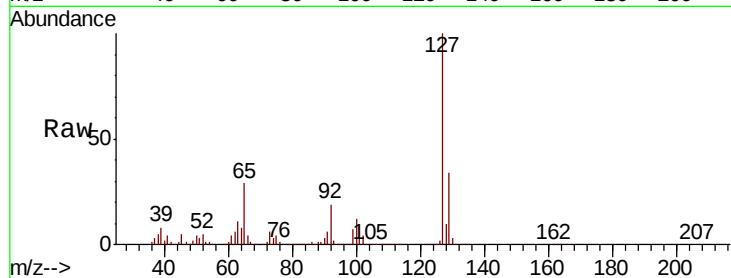
Ion Ratio Lower Upper

127 100

129 34.2 26.6 39.8

65 29.5 21.7 32.5

92 19.0 14.1 21.1

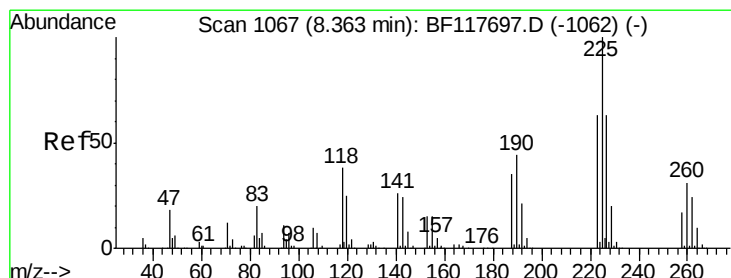
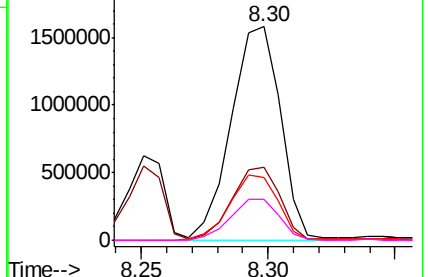
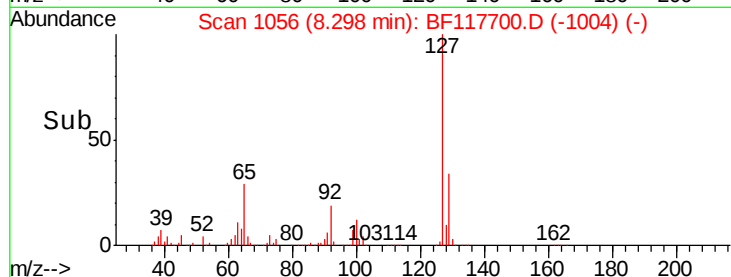


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 75.680 ng

RT: 8.37 min Scan# 1068

Delta R.T. 0.01 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

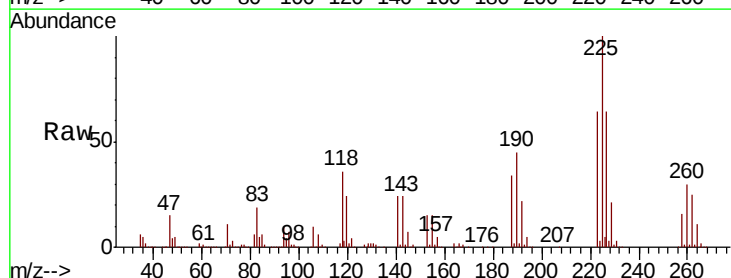
Tgt Ion:225 Resp: 939073

Ion Ratio Lower Upper

225 100

223 64.2 50.1 75.1

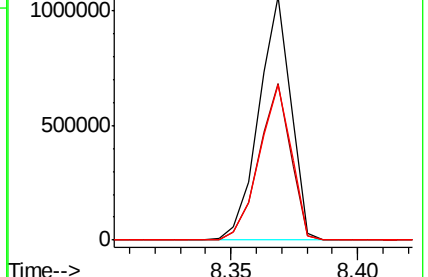
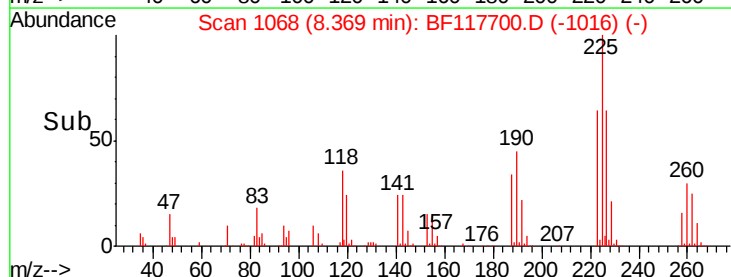
227 63.6 50.2 75.4

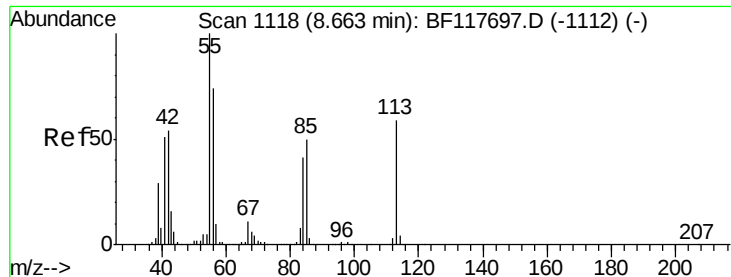


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

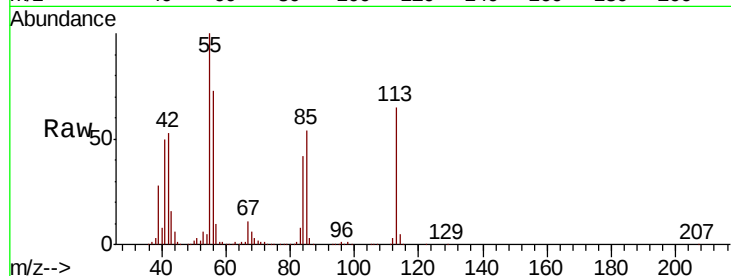




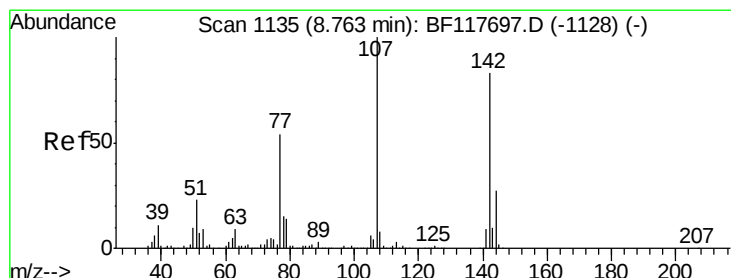
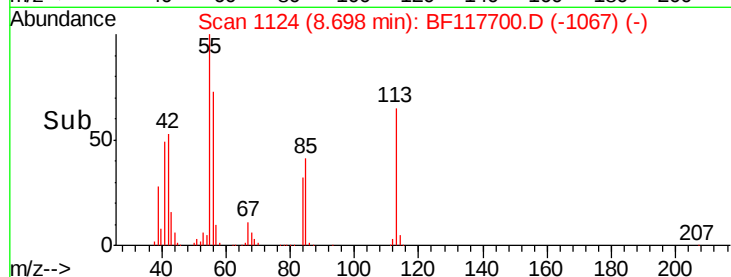
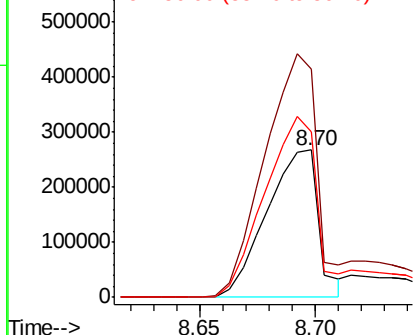
#35
Caprolactam
Concen: 65.237 ng
RT: 8.70 min Scan# 1124
Delta R.T. 0.04 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 417147
Ion Ratio Lower Upper
113 100
55 154.4 150.5 190.5
56 112.7 106.2 146.2

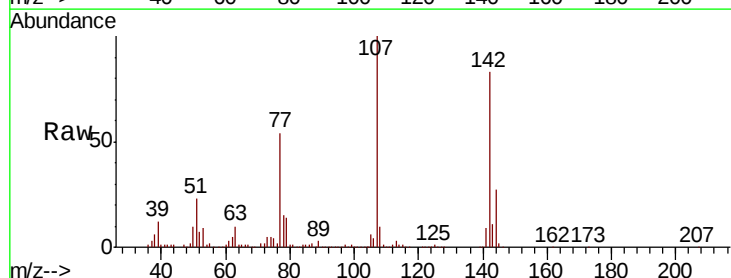


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

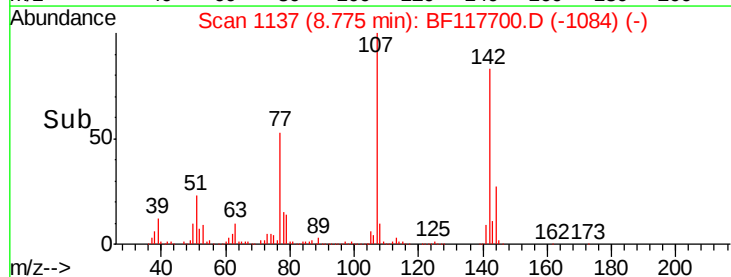
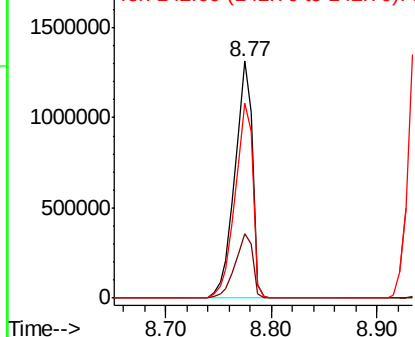


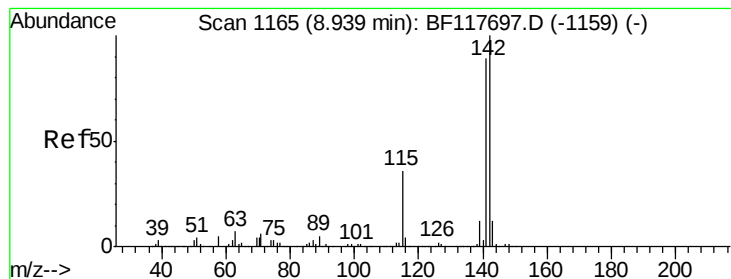
#36
4-Chloro-3-methylphenol
Concen: 77.193 ng
RT: 8.77 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Tgt Ion:107 Resp: 1485950
Ion Ratio Lower Upper
107 100
144 27.3 21.5 32.3
142 82.5 66.7 100.1



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





#37

2-Methylnaphthalene

Concen: 71.688 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.01 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

Instrument :

BNA_F

ClientSampleId :

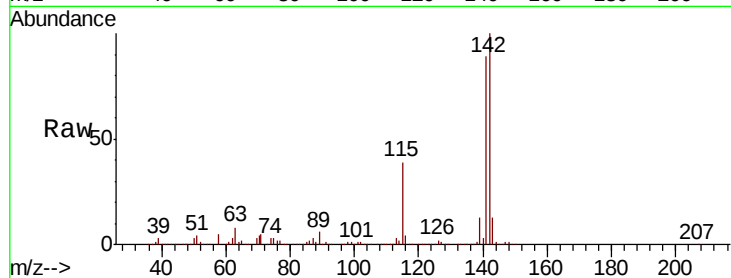
Tot Ion:142 Resp: 2987809

Ion Ratio Lower Upper

142 100

141 89.5 71.5 107.3

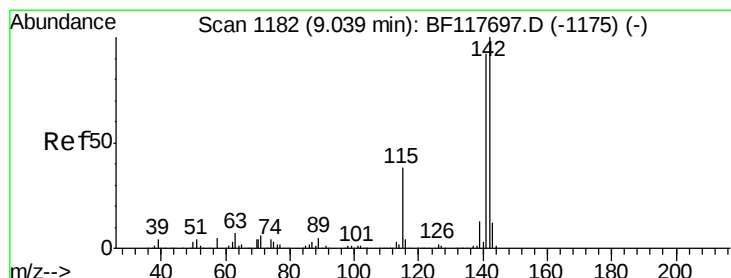
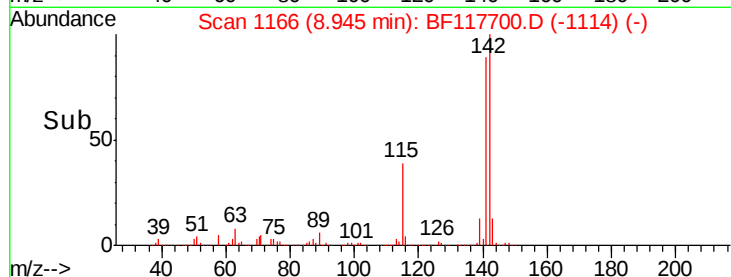
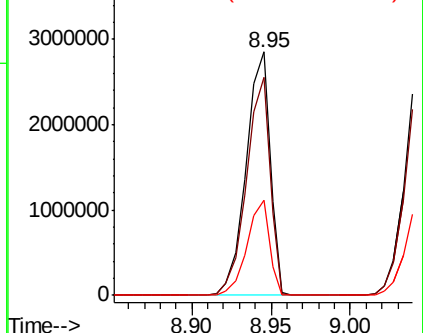
115 38.8 28.9 43.3



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: 70.620 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.01 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

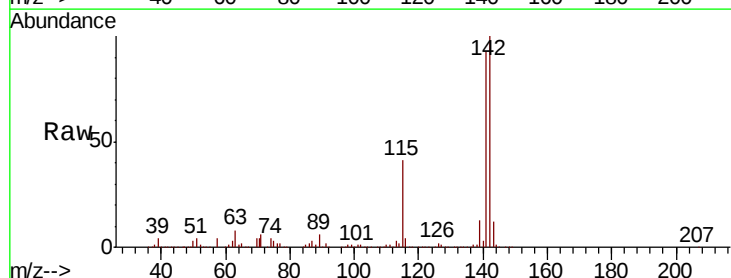
Tgt Ion:142 Resp: 2788273

Ion Ratio Lower Upper

142 100

141 92.7 73.3 109.9

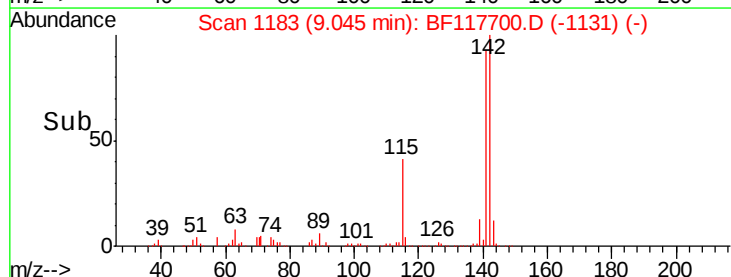
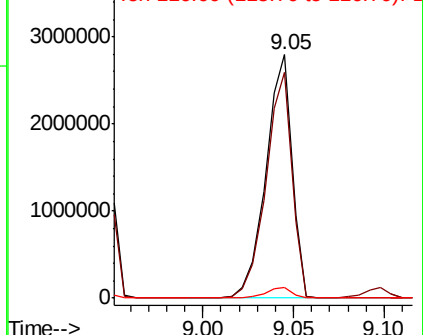
116 4.3 3.2 4.8

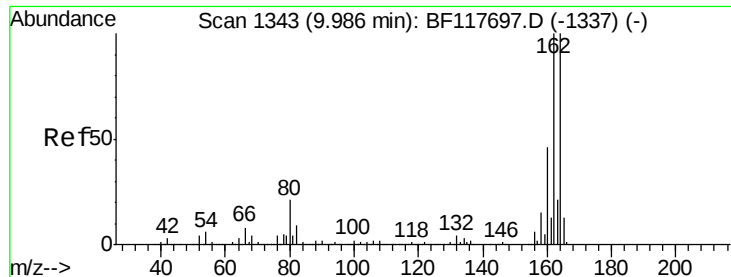


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.99 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

Instrument :

BNA_F

ClientSampleId :

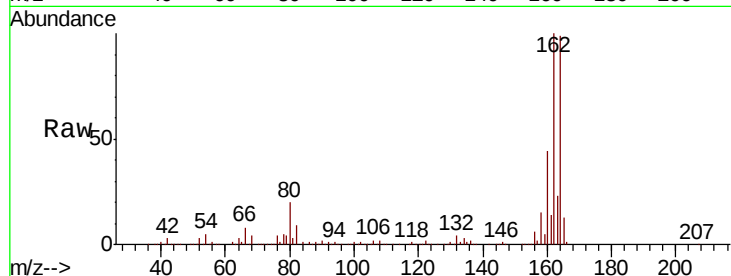
Tot Ion:164 Resp: 739505

Ion Ratio Lower Upper

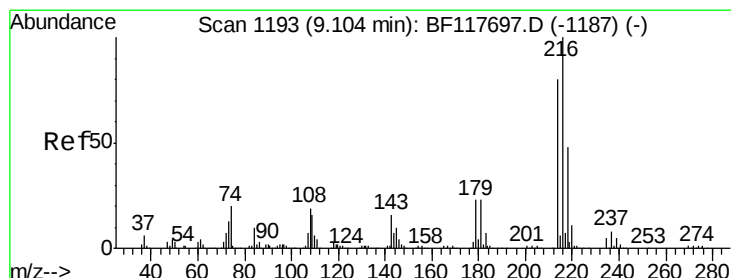
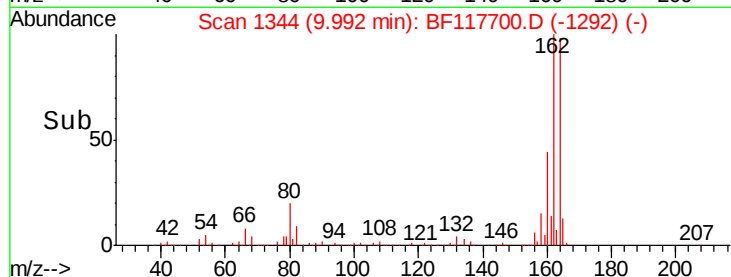
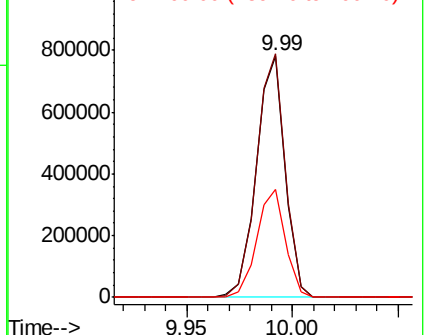
164 100

162 100.9 79.7 119.5

160 44.7 36.5 54.7



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: 71.414 ng

RT: 9.11 min Scan# 1194

Delta R.T. 0.01 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

Tgt Ion:216 Resp: 1399320

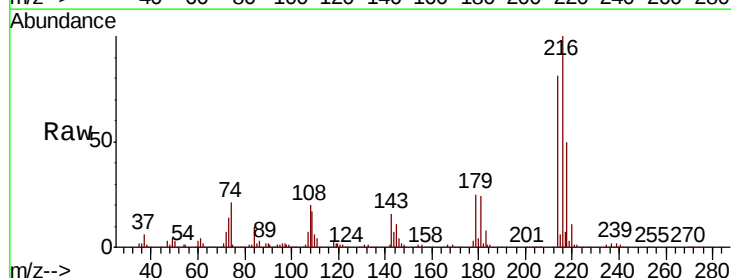
Ion Ratio Lower Upper

216 100

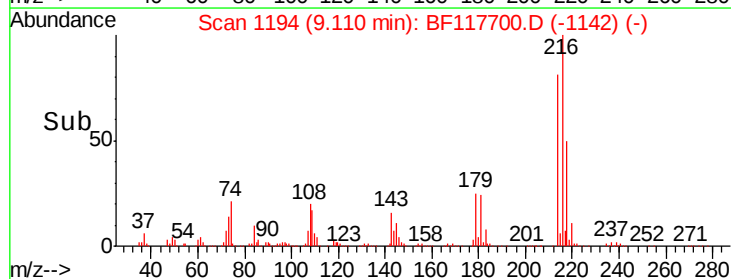
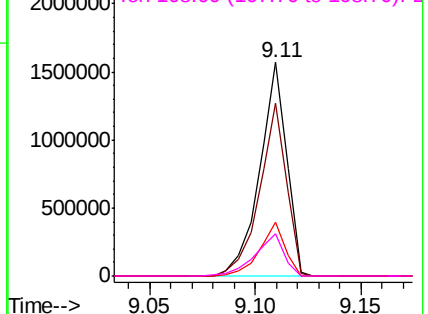
214 80.0 63.6 95.4

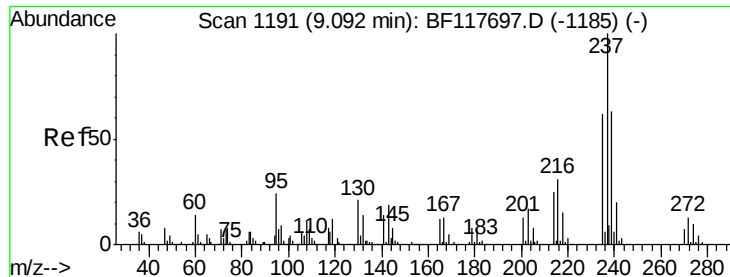
179 23.6 18.1 27.1

108 21.1 16.4 24.6



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: 76.065 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.01 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

Instrument :

BNA_F

ClientSampled :

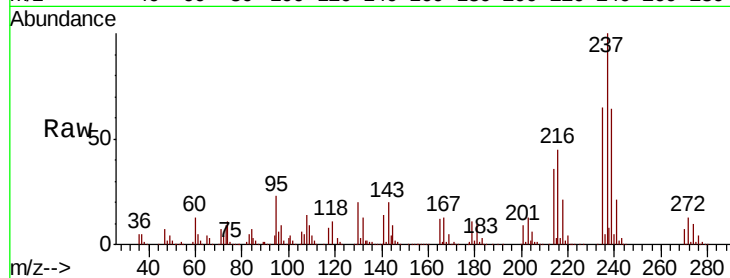
Tot Ion:237 Resp: 822884

Ion Ratio Lower Upper

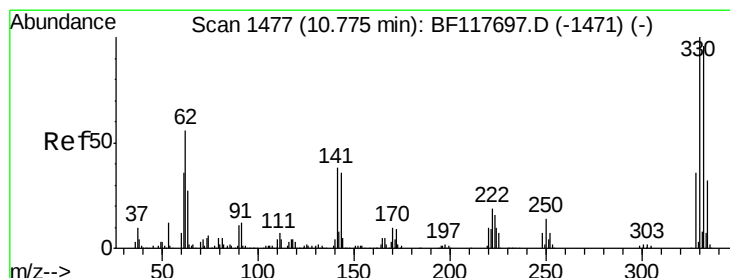
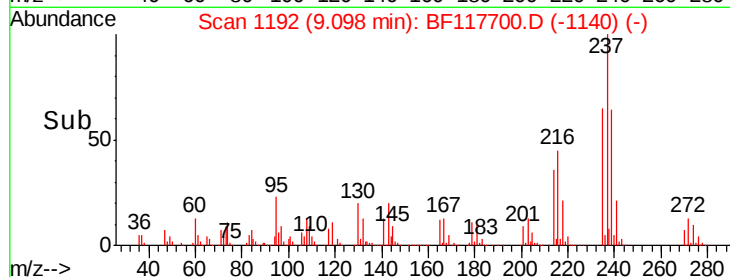
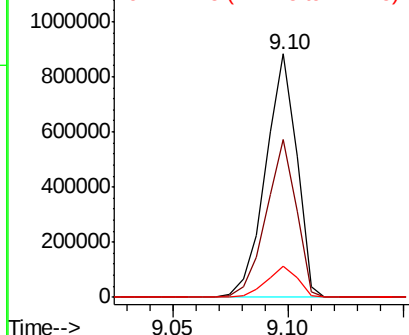
237 100

235 64.6 42.2 82.2

272 12.6 0.0 32.8



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: 140.966 ng

RT: 10.79 min Scan# 1479

Delta R.T. 0.01 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

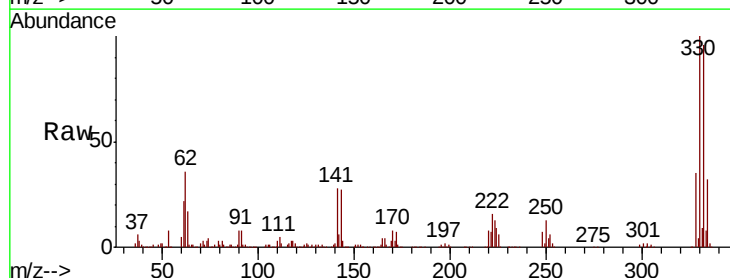
Tgt Ion:330 Resp: 1015944

Ion Ratio Lower Upper

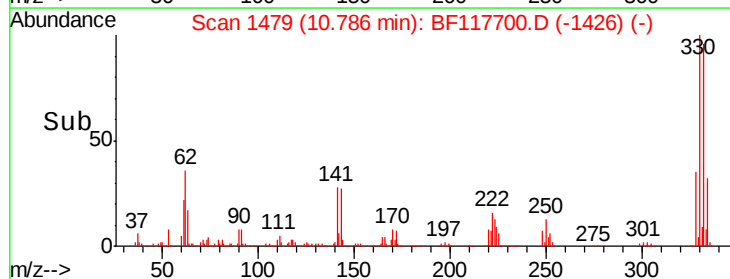
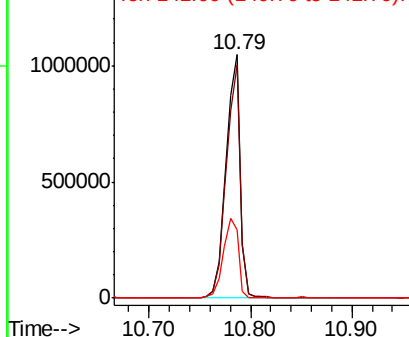
330 100

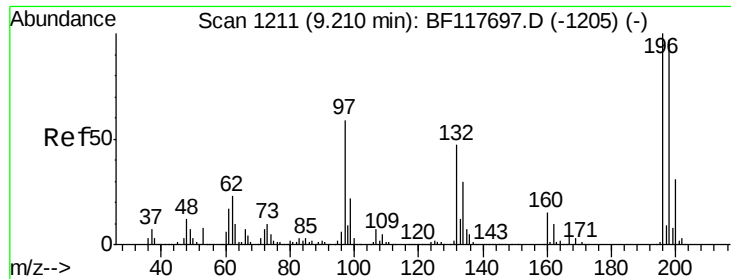
332 95.5 77.4 116.0

141 35.0 28.0 42.0



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

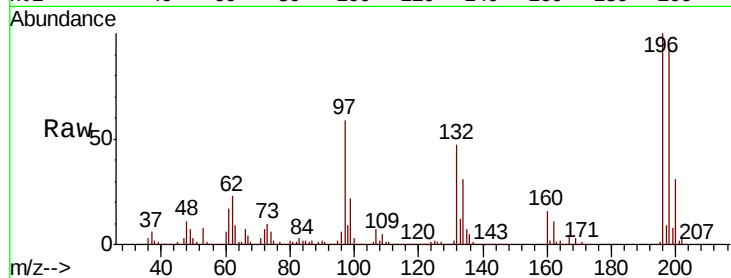




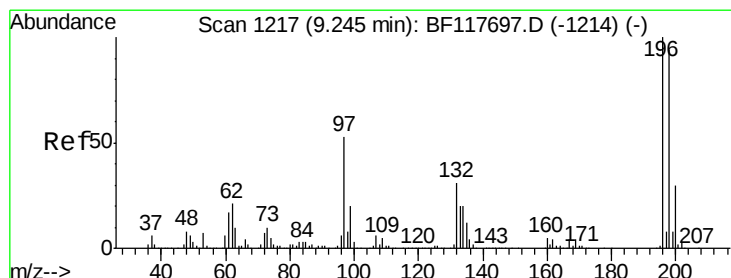
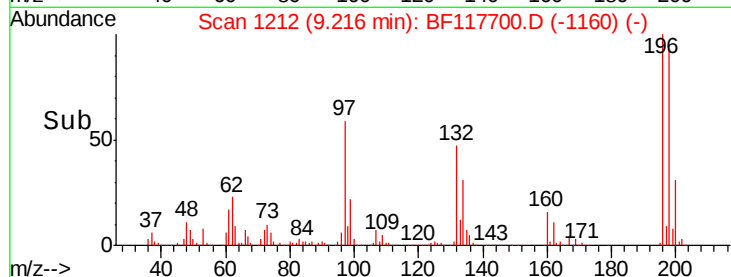
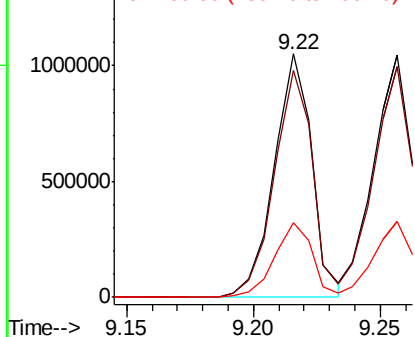
#43
 2,4,6-Trichlorophenol
 Concen: 80.086 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF117700.D
 Acq: 6 Nov 2019 14:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 1082859
 Ion Ratio Lower Upper
 196 100
 198 93.4 77.8 116.6
 200 30.5 25.0 37.6



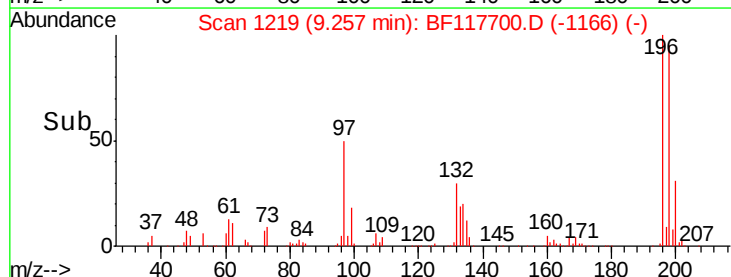
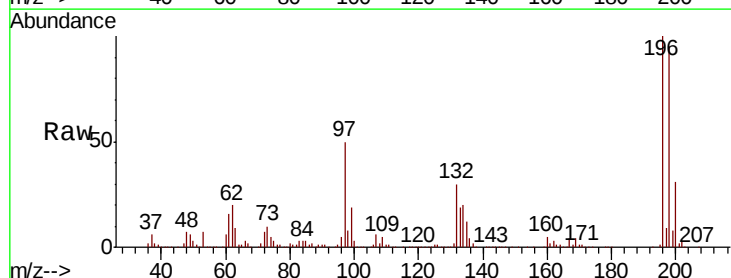
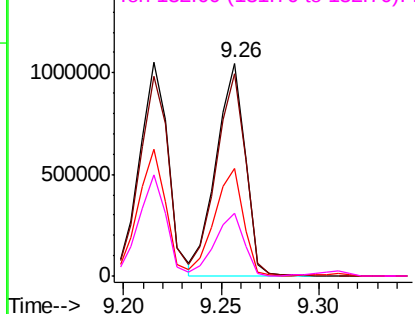
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

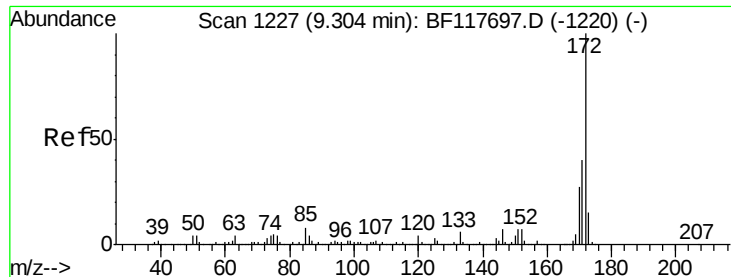


#44
 2,4,5-Trichlorophenol
 Concen: 79.682 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.01 min
 Lab File: BF117700.D
 Acq: 6 Nov 2019 14:47

Tgt Ion:196 Resp: 1083827
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.4 113.0
 97 50.4 42.5 63.7
 132 29.8 24.7 37.1

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

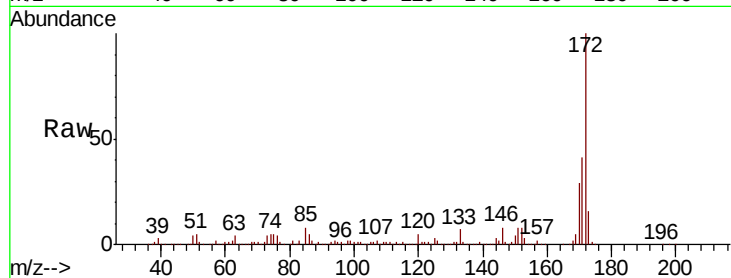




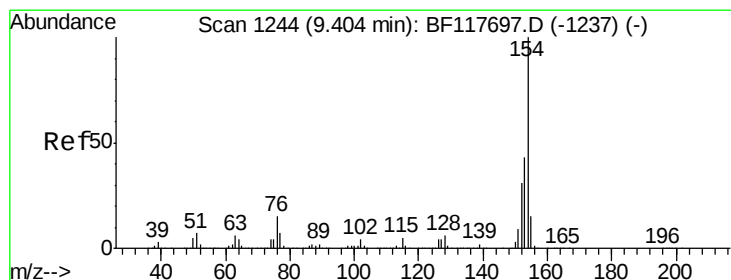
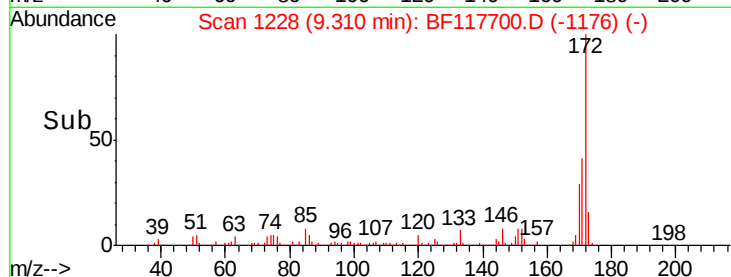
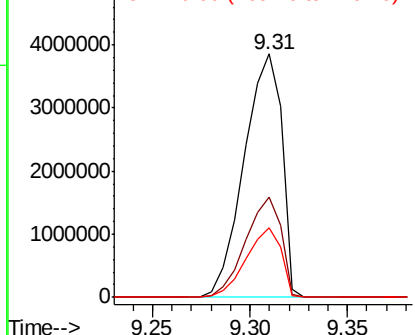
#45
2-Fluorobiphenyl
Concen: 133.829 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 5160346
Ion Ratio Lower Upper
172 100
171 41.1 31.8 47.8
170 28.8 21.6 32.4

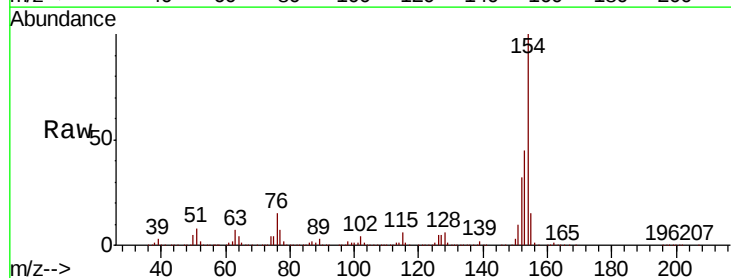


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

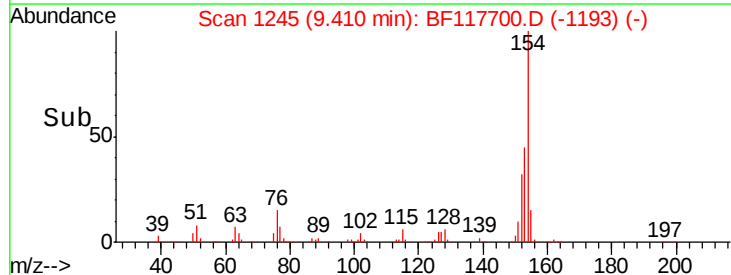
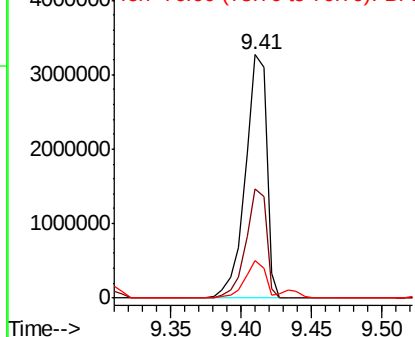


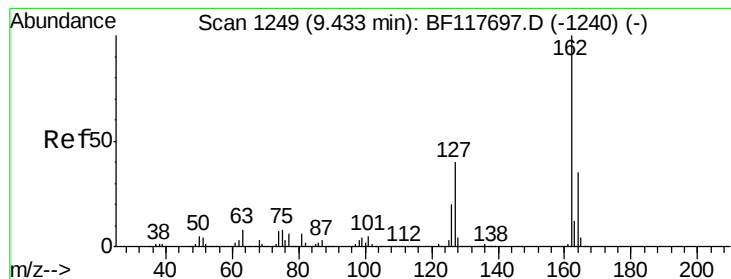
#46
1,1'-Biphenyl
Concen: 67.095 ng
RT: 9.41 min Scan# 1245
Delta R.T. 0.01 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Tgt Ion:154 Resp: 3438794
Ion Ratio Lower Upper
154 100
153 44.8 23.2 63.2
76 15.2 0.0 34.7



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: 71.998 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.01 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

Instrument :

BNA_F

ClientSampleId :

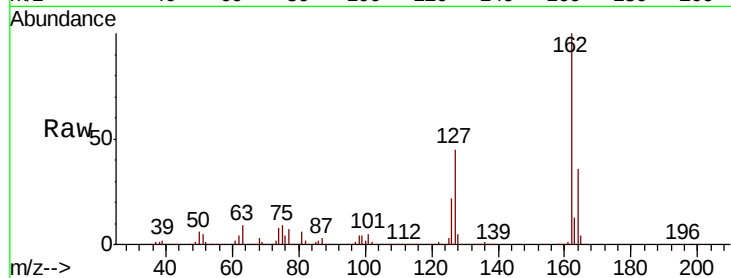
Tot Ion:162 Resp: 2946501

Ion Ratio Lower Upper

162 100

127 44.7 32.2 48.4

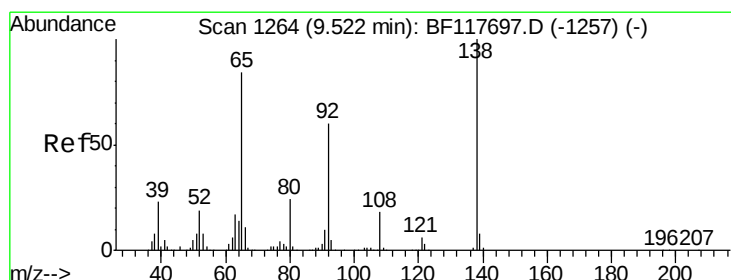
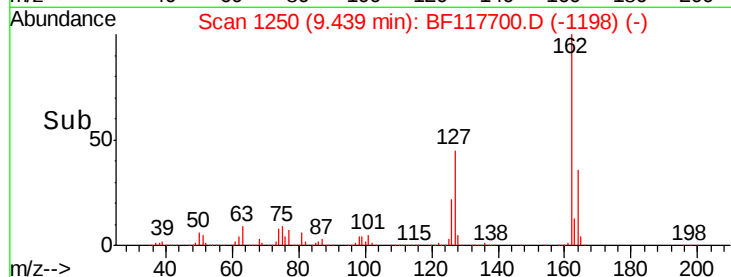
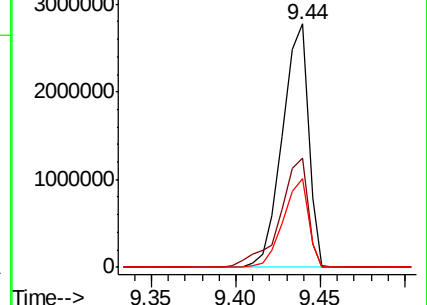
164 36.3 28.1 42.1



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: 82.718 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

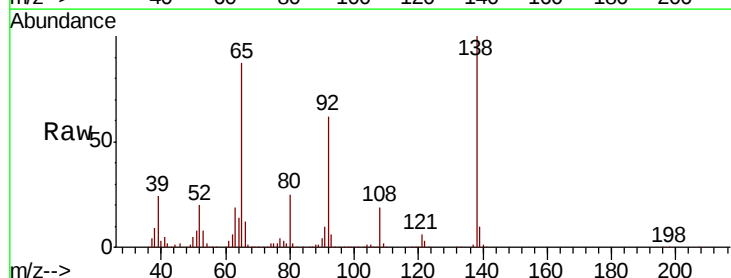
Tgt Ion: 65 Resp: 1017716

Ion Ratio Lower Upper

65 100

92 70.9 57.3 85.9

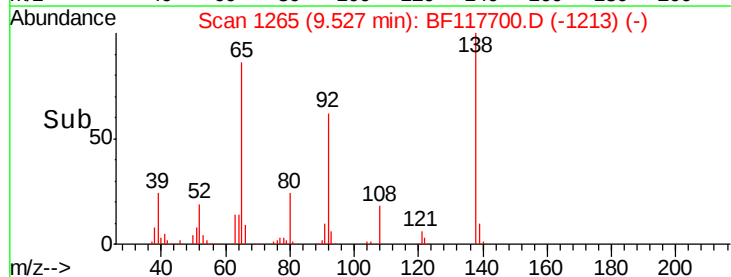
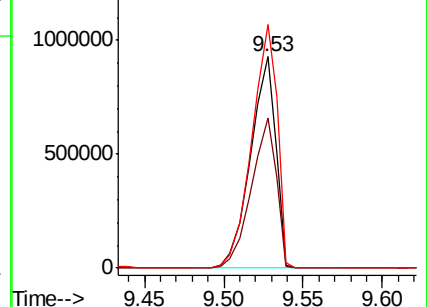
138 115.1 95.0 142.6

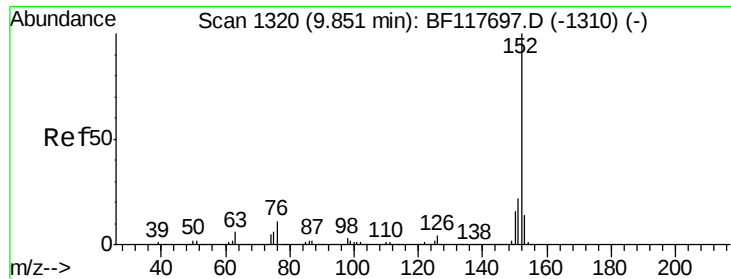


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

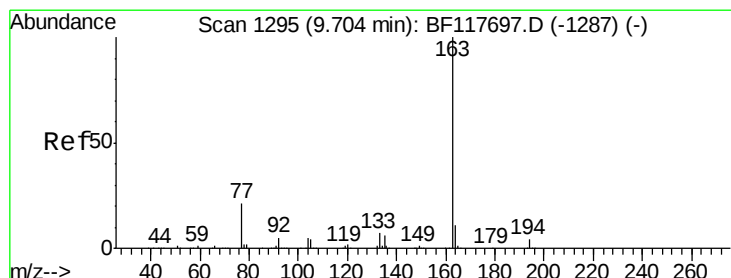
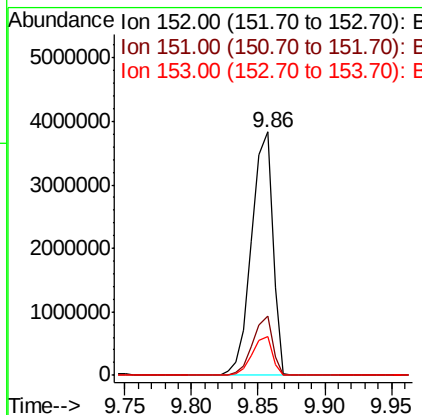
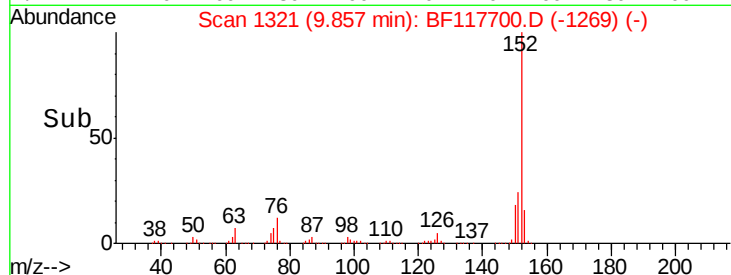
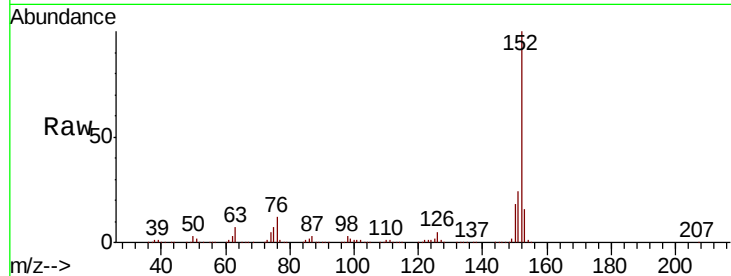




#49
 Acenaphthylene
 Concen: 69.280 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.01 min
 Lab File: BF117700.D
 Acq: 6 Nov 2019 14:47

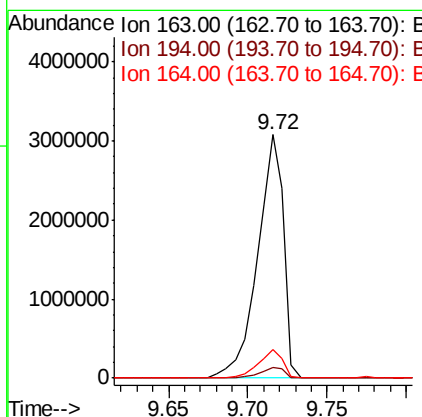
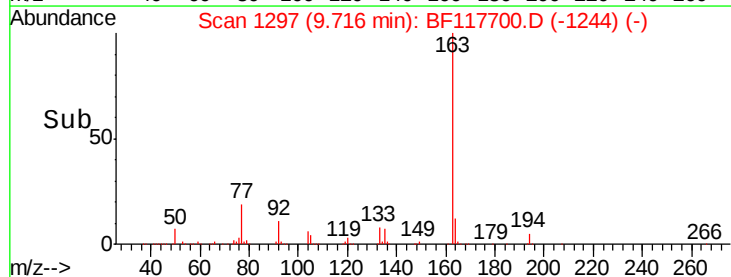
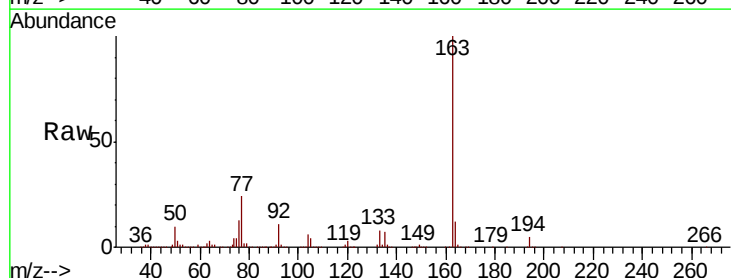
Instrument :
 BNA_F
 ClientSampled :

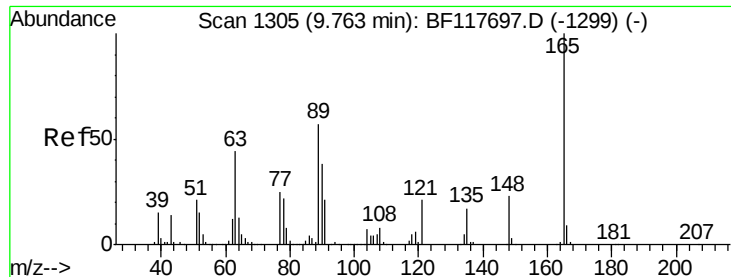
Tot Ion:152 Resp: 4174427
 Ion Ratio Lower Upper
 152 100
 151 24.3 17.8 26.6
 153 15.9 11.5 17.3



#50
 Dimethylphthalate
 Concen: 74.542 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF117700.D
 Acq: 6 Nov 2019 14:47

Tgt Ion:163 Resp: 3502104
 Ion Ratio Lower Upper
 163 100
 194 4.6 3.4 5.0
 164 11.6 8.9 13.3

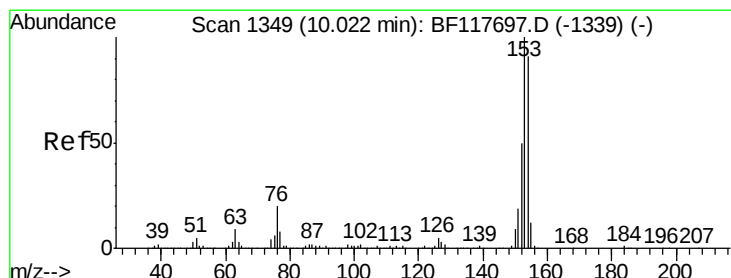
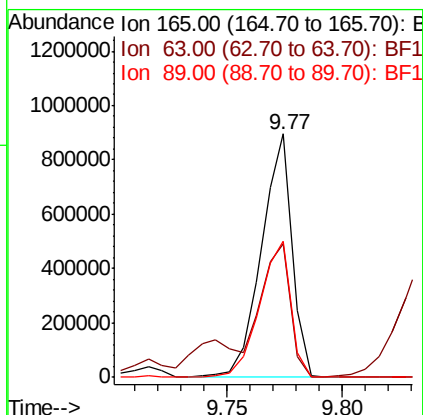
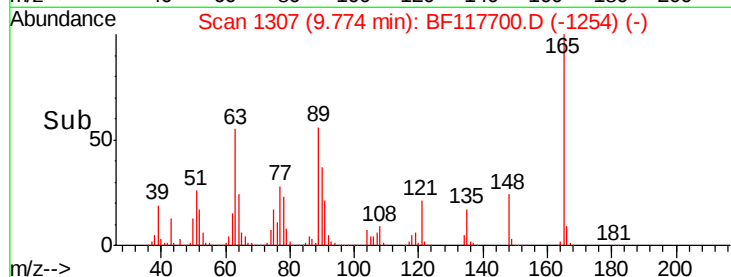
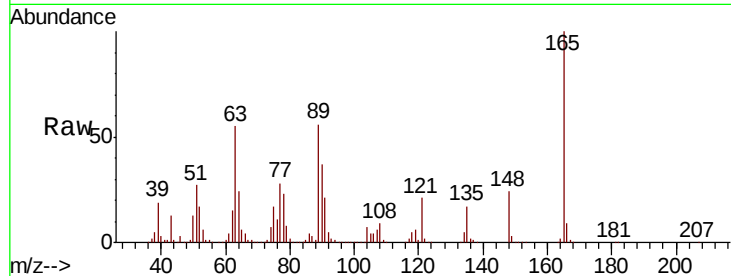




#51
 2,6-Dinitrotoluene
 Concen: 80.819 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF117700.D
 Acq: 6 Nov 2019 14:47

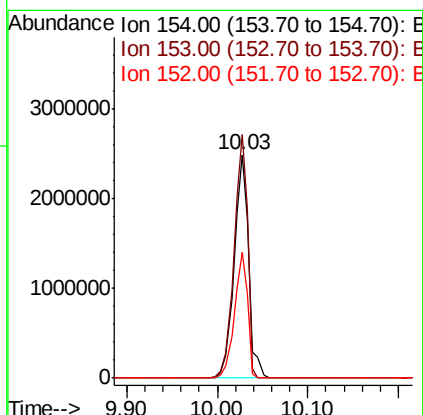
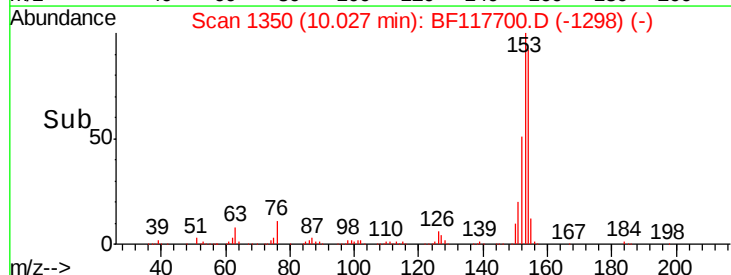
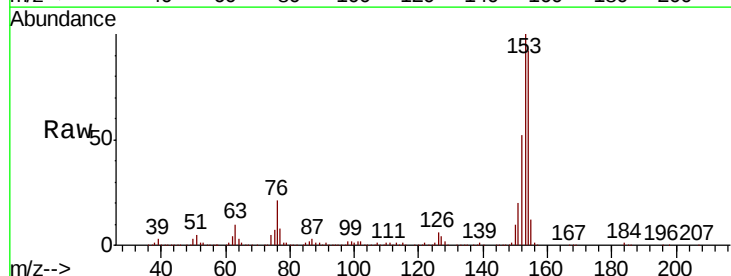
Instrument :
 BNA_F
 ClientSampled :

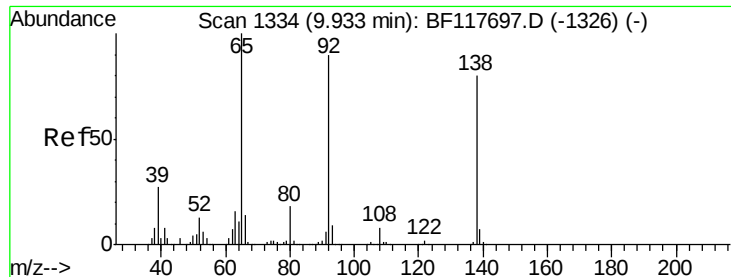
Tot Ion:165 Resp: 825753
 Ion Ratio Lower Upper
 165 100
 63 55.0 45.6 68.4
 89 56.1 45.8 68.6



#52
 Acenaphthene
 Concen: 73.169 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.01 min
 Lab File: BF117700.D
 Acq: 6 Nov 2019 14:47

Tgt Ion:154 Resp: 2781765
 Ion Ratio Lower Upper
 154 100
 153 109.0 87.8 131.6
 152 56.2 43.5 65.3

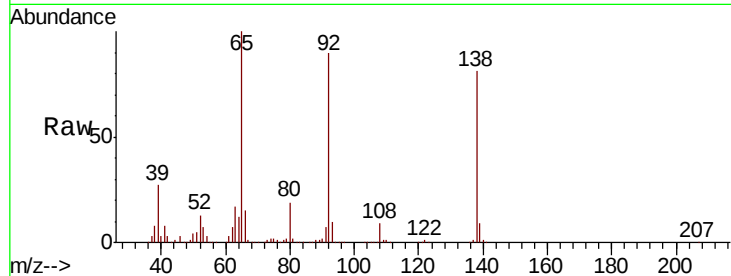




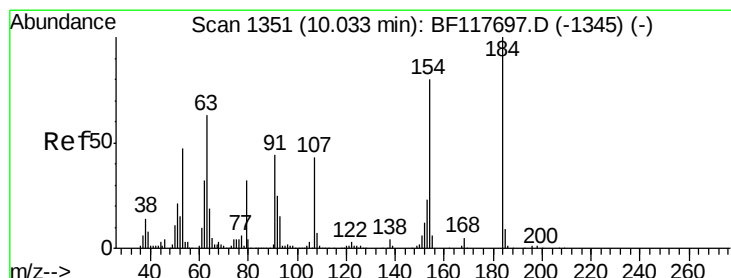
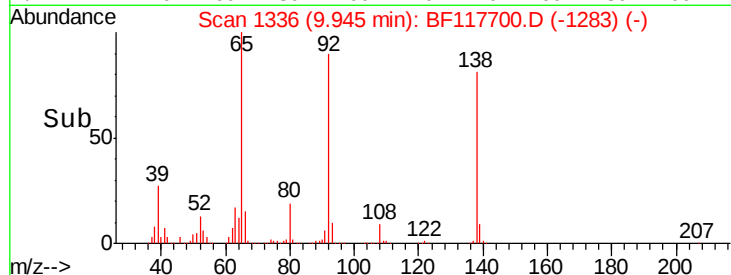
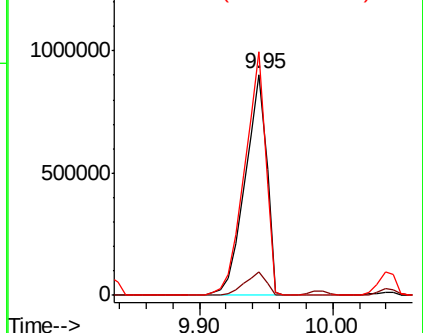
#53
 3-Nitroaniline
 Concen: 80.791 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.01 min
 Lab File: BF117700.D
 Acq: 6 Nov 2019 14:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 1004731
 Ion Ratio Lower Upper
 138 100
 108 10.7 8.5 12.7
 92 110.2 89.8 134.8

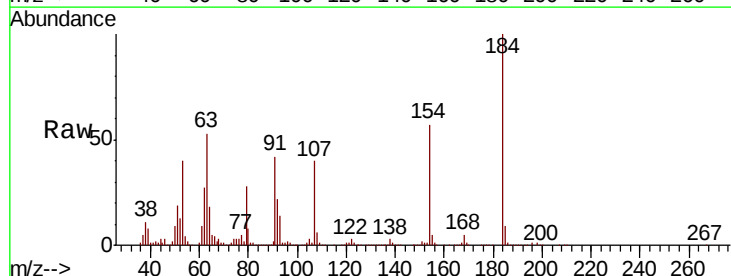


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

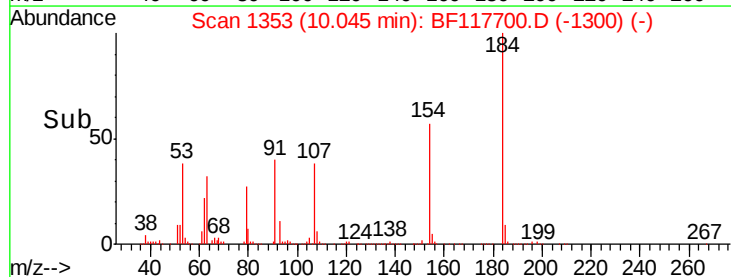
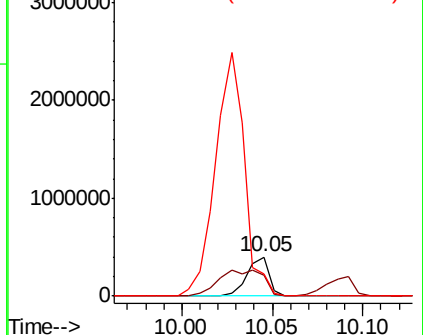


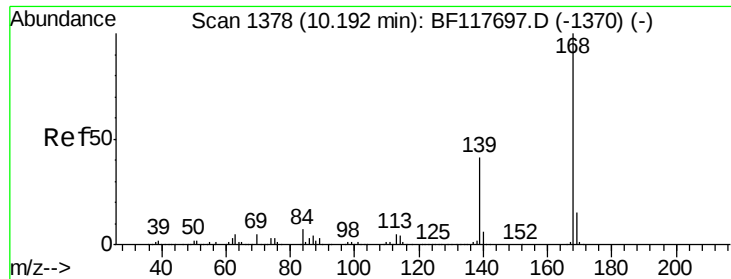
#54
 2,4-Dinitrophenol
 Concen: 102.755 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.01 min
 Lab File: BF117700.D
 Acq: 6 Nov 2019 14:47

Tgt Ion:184 Resp: 339900
 Ion Ratio Lower Upper
 184 100
 63 53.3 51.4 77.0
 154 56.8 70.2 105.2#



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

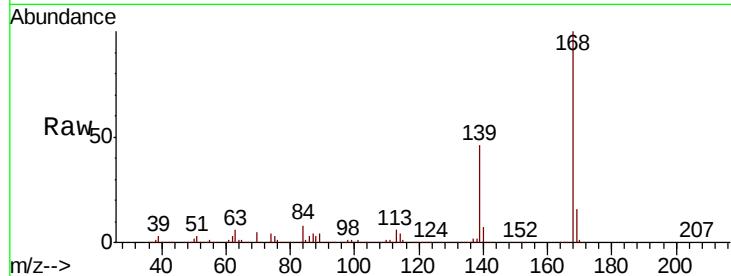




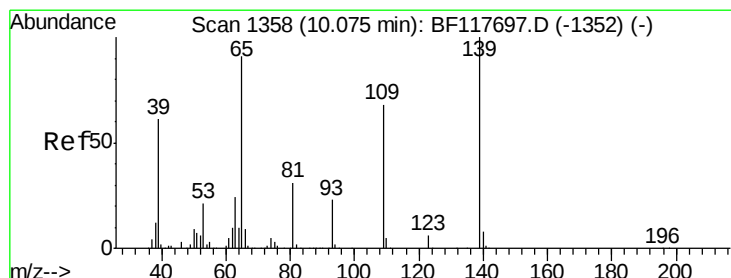
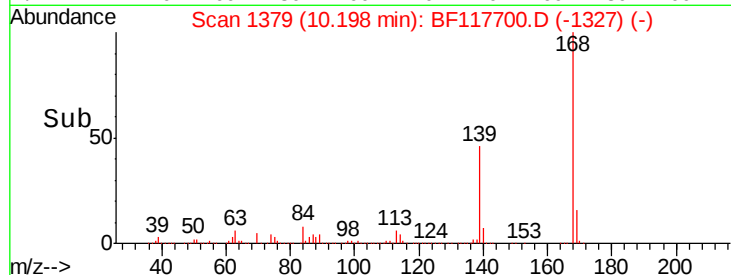
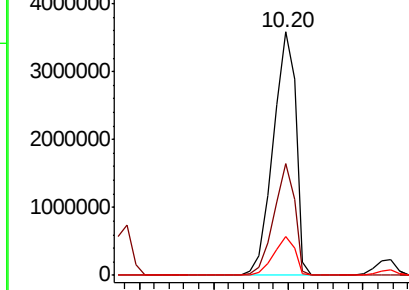
#55
Dibenzenofuran
Concen: 70.841 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 3790833
Ion Ratio Lower Upper
168 100
139 45.9 33.2 49.8
169 16.0 11.7 17.5

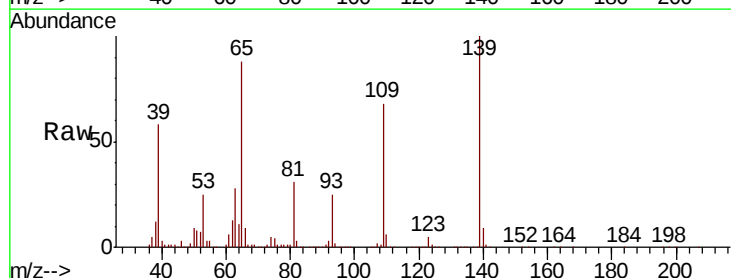


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

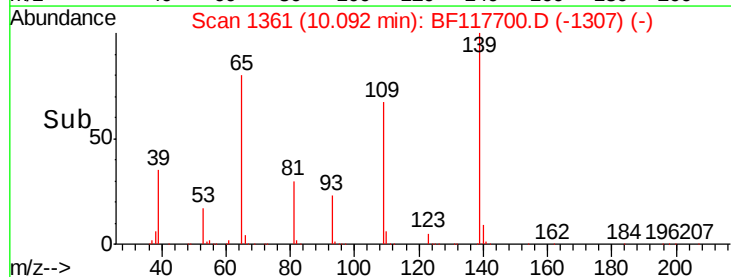
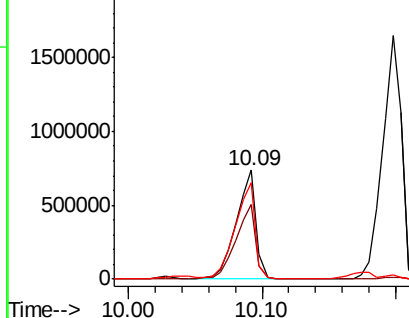


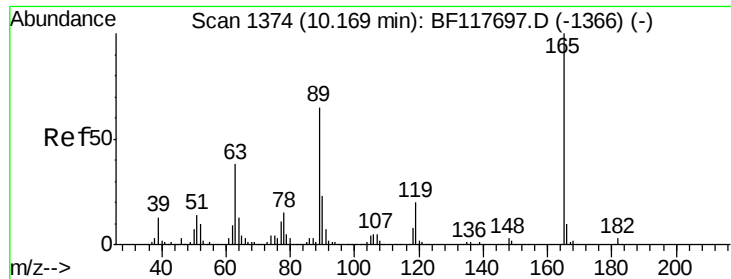
#56
4-Nitrophenol
Concen: 82.736 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.02 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Tgt Ion:139 Resp: 762468
Ion Ratio Lower Upper
139 100
109 68.1 47.7 87.7
65 88.0 71.9 111.9



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

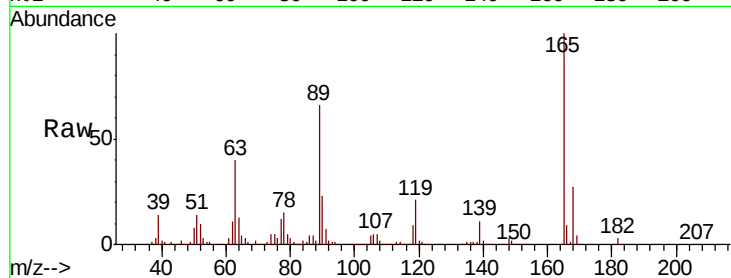




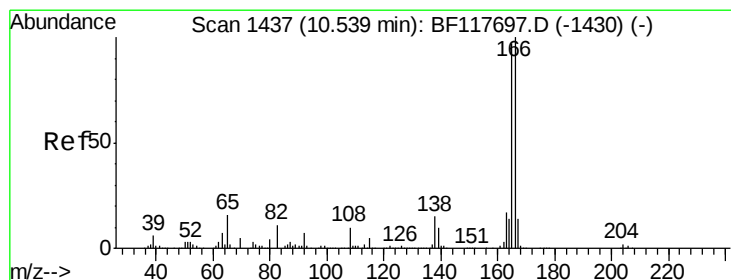
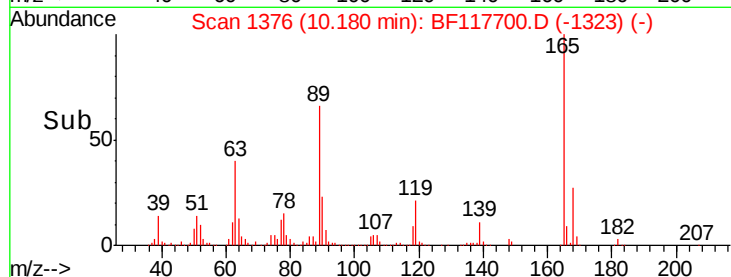
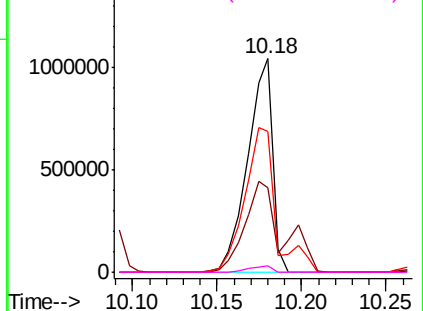
#57
2,4-Dinitrotoluene
Concen: 84.591 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 1085355
Ion Ratio Lower Upper
165 100
63 39.7 30.4 45.6
89 65.7 52.2 78.4
182 3.0 2.3 3.5

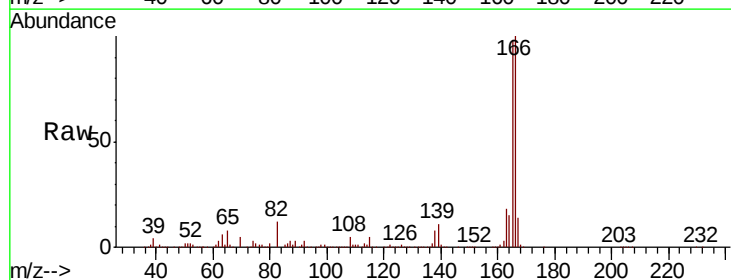


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

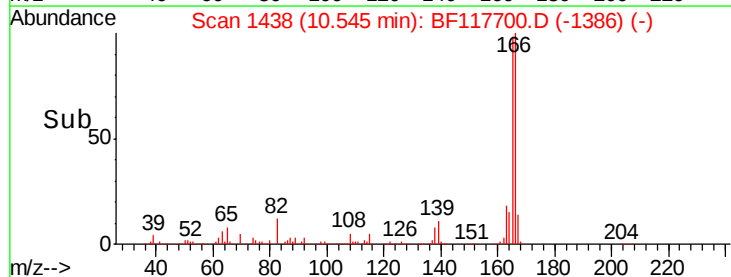
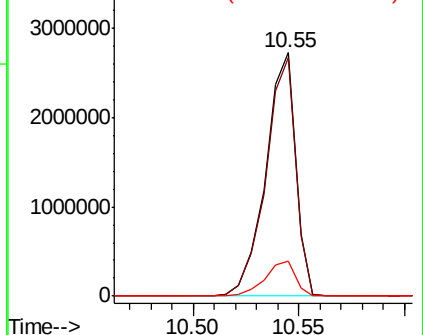


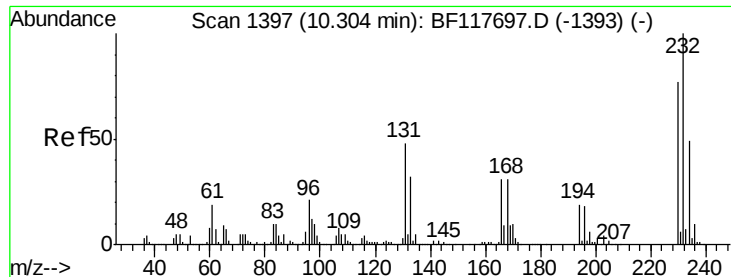
#58
Fluorene
Concen: 67.979 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Tgt Ion:166 Resp: 2696781
Ion Ratio Lower Upper
166 100
165 98.2 77.4 116.0
167 14.4 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

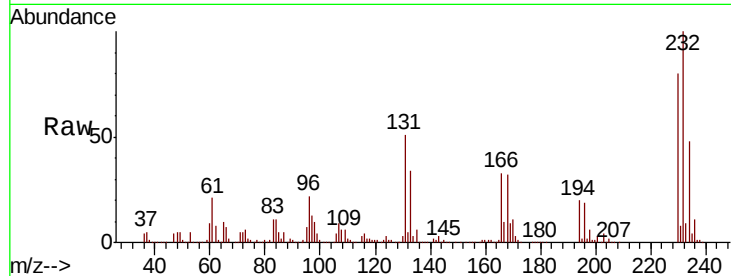




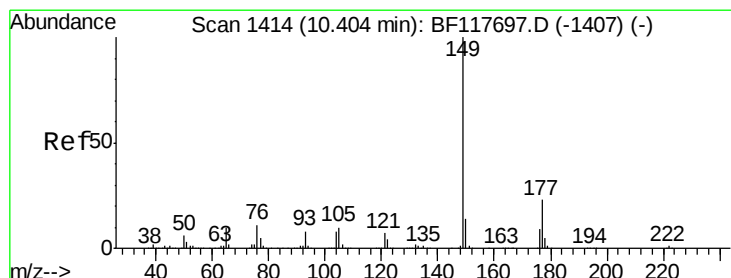
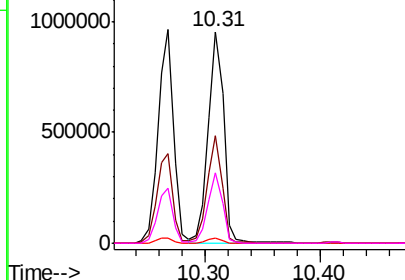
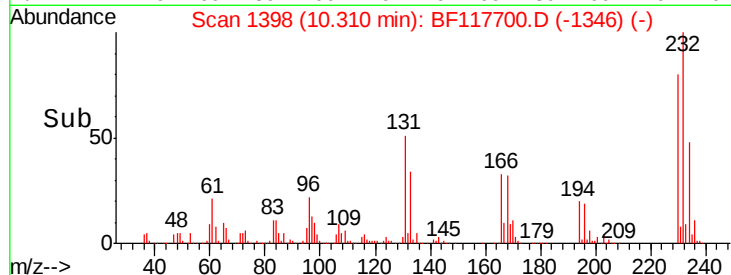
#59
2,3,4,6-Tetrachlorophenol
Concen: 82.223 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:232 Resp: 900043
Ion Ratio Lower Upper
232 100
131 48.2 37.8 56.8
130 2.5 1.9 2.9
166 31.4 24.6 36.8

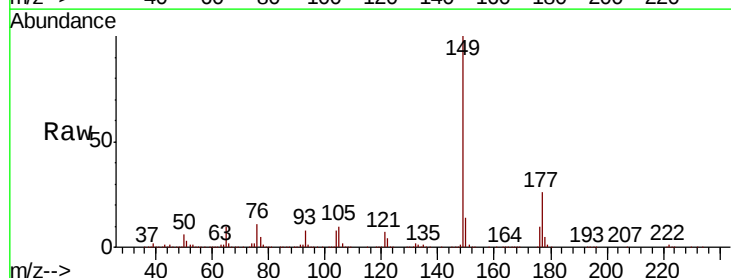


Abundance Ion 232.00 (231.70 to 232.70): E
1500000 Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

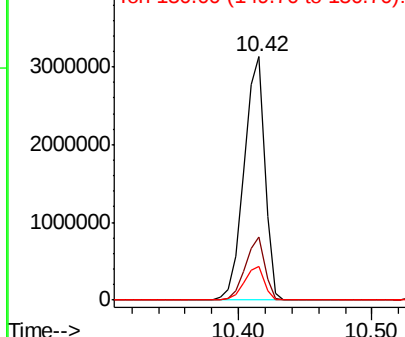
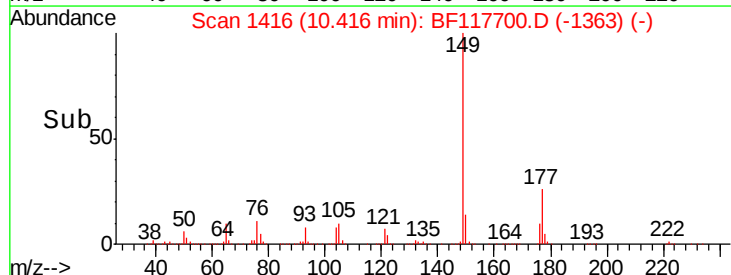


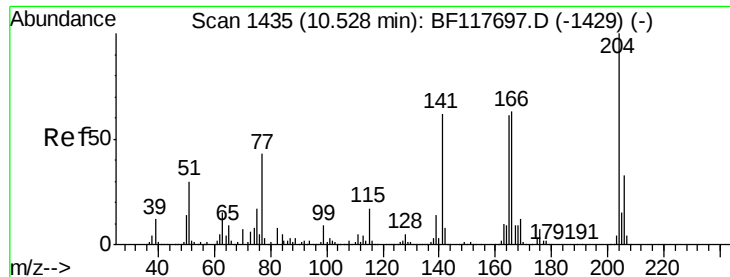
#60
Diethylphthalate
Concen: 72.343 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Tgt Ion:149 Resp: 3334544
Ion Ratio Lower Upper
149 100
177 25.7 18.8 28.2
150 13.9 10.8 16.2



Abundance Ion 149.00 (148.70 to 149.70): E
4000000 Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

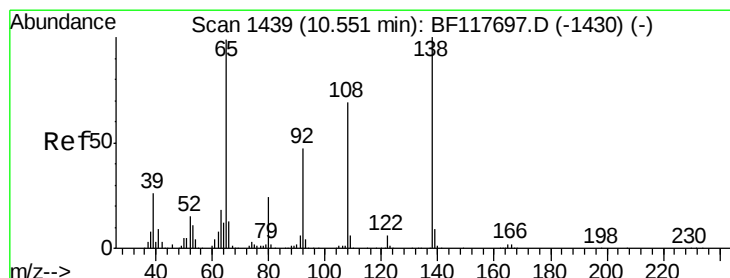
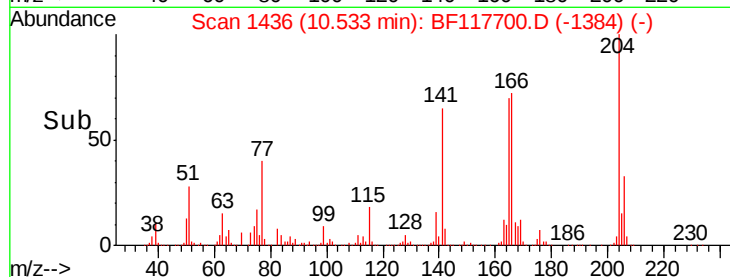
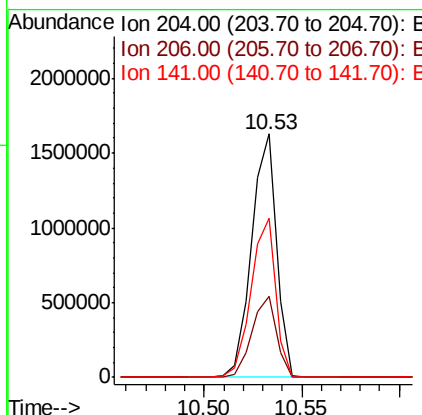
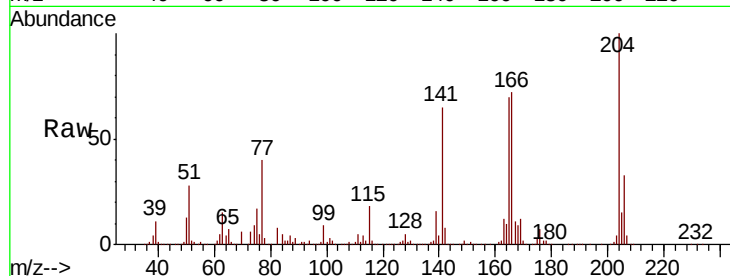




#61
4-Chlorophenyl-phenylether
Concen: 70.256 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

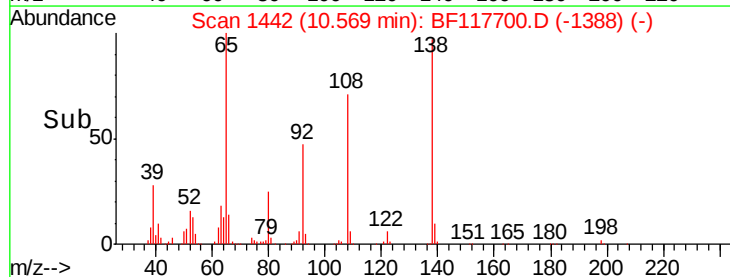
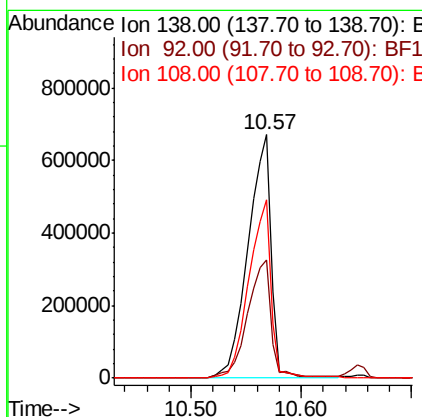
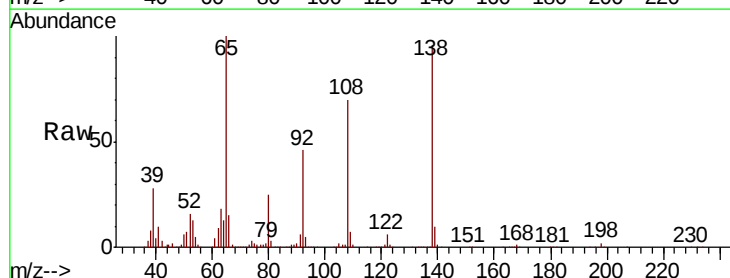
Instrument :
BNA_F
ClientSampled :

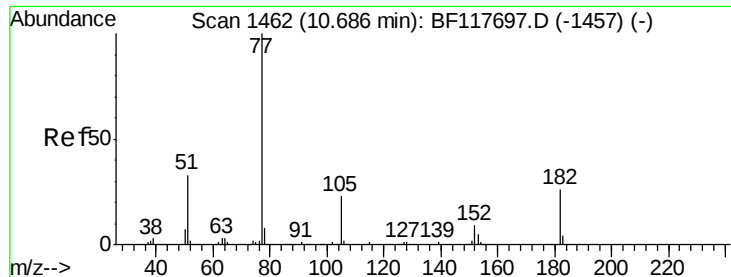
Tot Ion:204 Resp: 1441513
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.4
141 65.4 49.7 74.5



#62
4-Nitroaniline
Concen: 82.358 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.02 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Tgt Ion:138 Resp: 997851
Ion Ratio Lower Upper
138 100
92 48.3 26.9 66.9
108 73.2 49.1 89.1

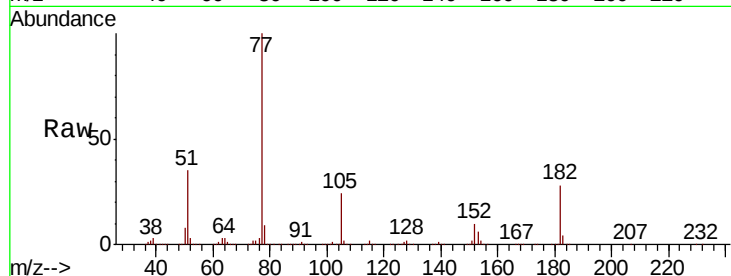




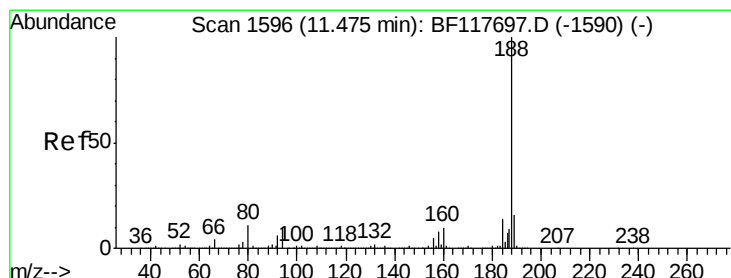
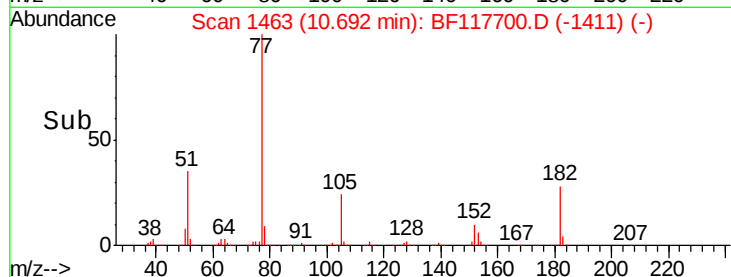
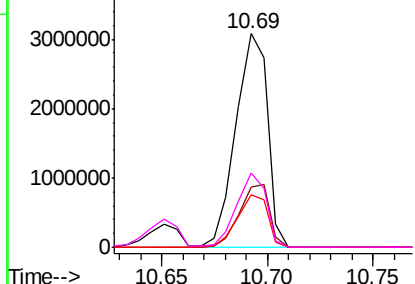
#63
Azobenzene
Concen: 72.054 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.01 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 3189665
Ion Ratio Lower Upper
77 100
182 28.4 6.0 46.0
105 24.5 2.8 42.8
51 34.6 13.0 53.0

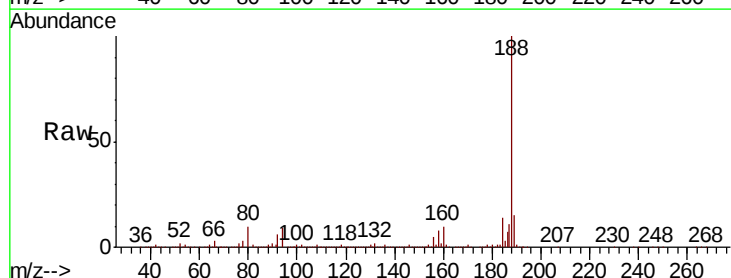


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

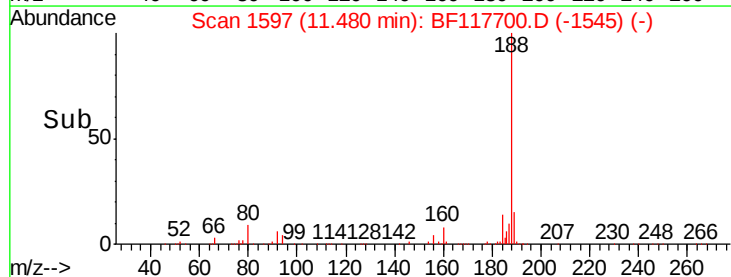
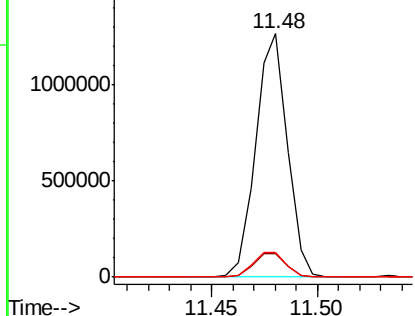


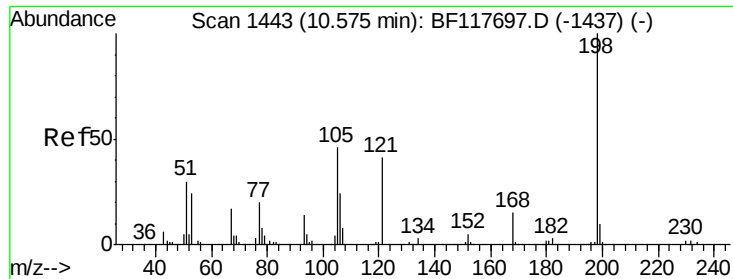
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Tgt Ion: 188 Resp: 1313159
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.4
80 10.1 8.6 13.0



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

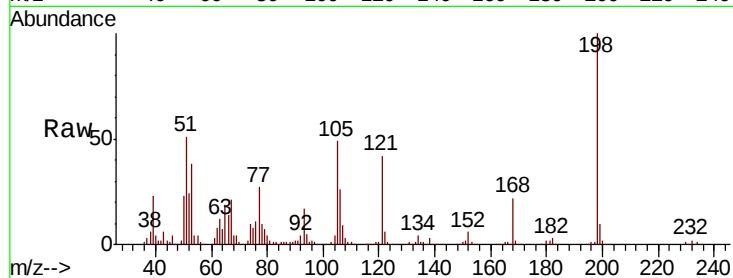




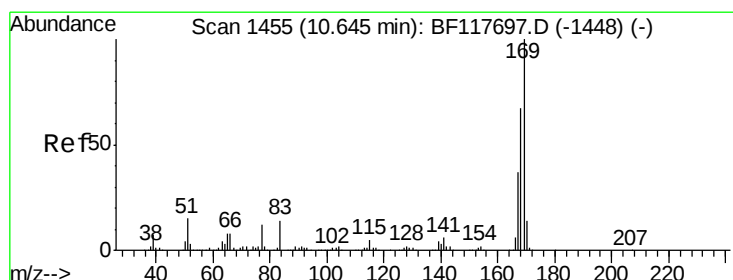
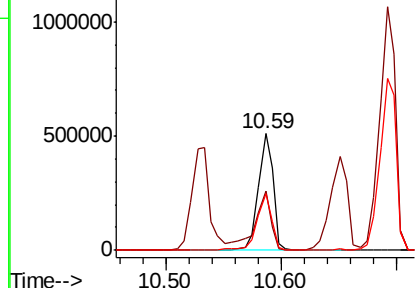
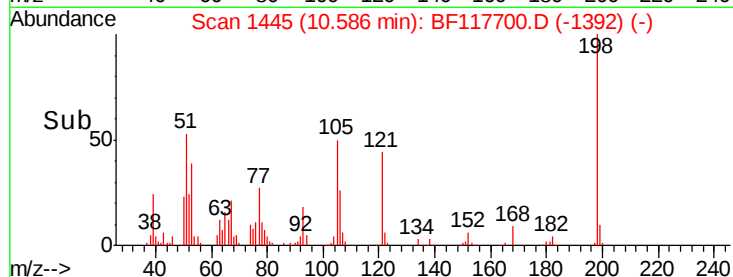
#65
 4,6-Dinitro-2-methylphenol
 Concen: 96.476 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: BF117700.D
 Acq: 6 Nov 2019 14:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 456212
 Ion Ratio Lower Upper
 198 100
 51 51.3 28.1 68.1
 105 48.7 27.3 67.3

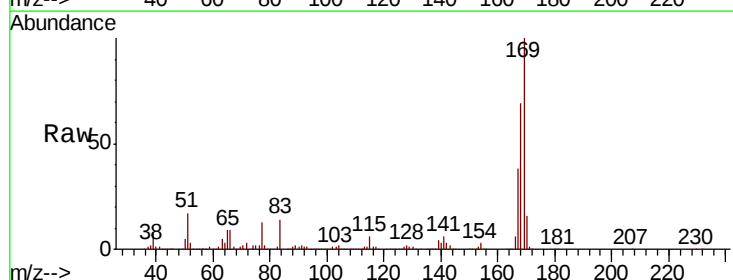


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

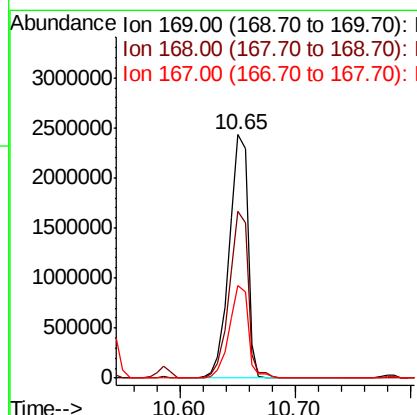
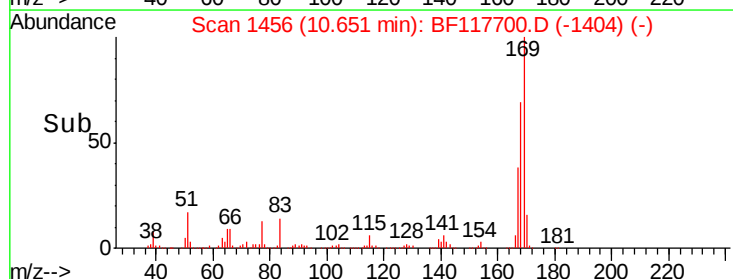


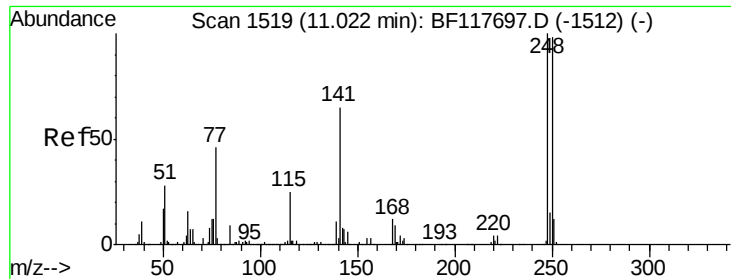
#66
 n-Nitrosodiphenylamine
 Concen: 71.214 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.01 min
 Lab File: BF117700.D
 Acq: 6 Nov 2019 14:47

Tgt Ion:169 Resp: 2712781
 Ion Ratio Lower Upper
 169 100
 168 68.7 53.8 80.8
 167 38.2 29.9 44.9



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

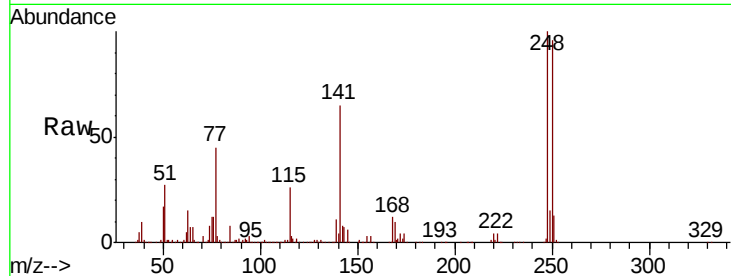




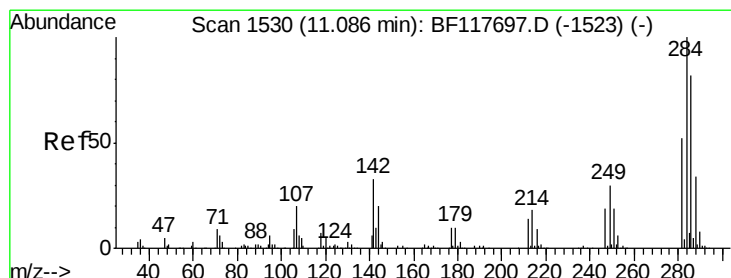
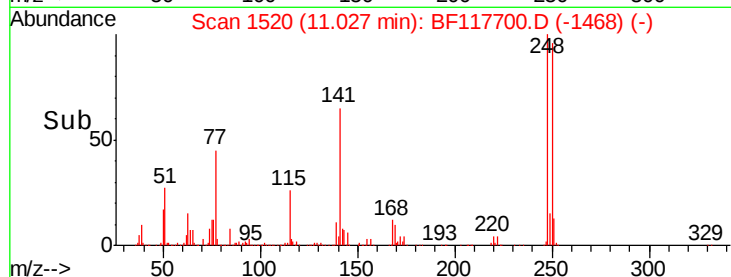
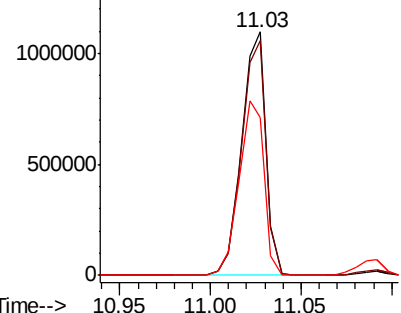
#67
4-Bromophenyl-phenylether
Concen: 73.501 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 1021045
Ion Ratio Lower Upper
248 100
250 96.1 78.7 118.1
141 65.0 51.8 77.8

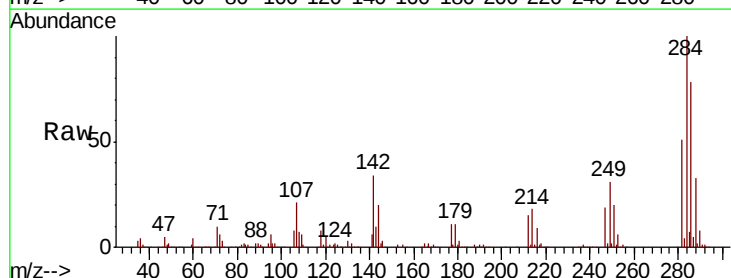


Abundance Ion 248.00 (247.70 to 248.70): E
1500000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

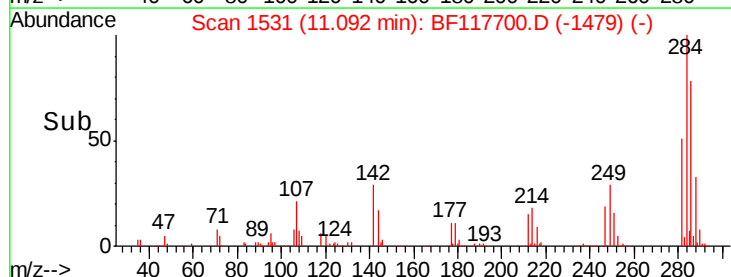
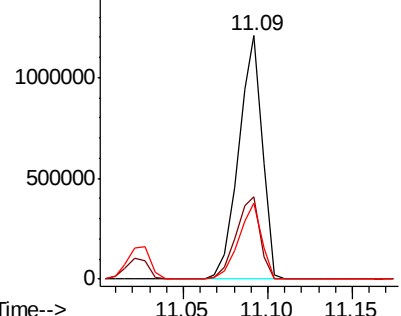


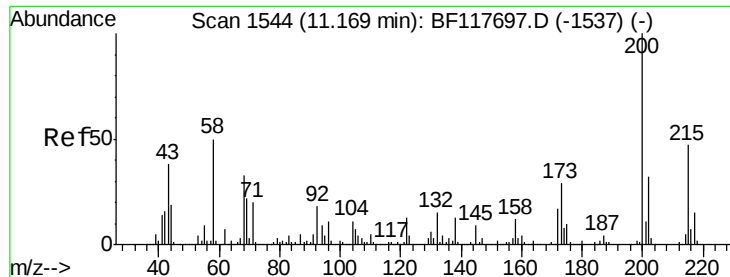
#68
Hexachlorobenzene
Concen: 73.228 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Tgt Ion:284 Resp: 1179857
Ion Ratio Lower Upper
284 100
142 33.6 26.6 39.8
249 31.2 24.4 36.6



Abundance Ion 283.80 (283.50 to 284.50): E
1500000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

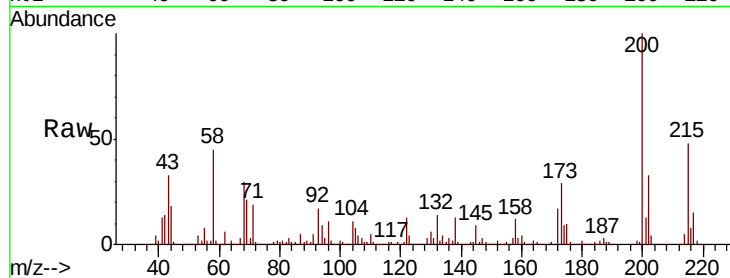




#69
Atrazine
Concen: 114.882 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.01 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.8	8.5	48.5
215	47.7	27.4	67.4

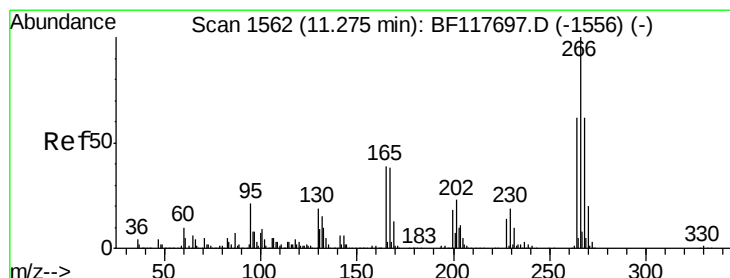
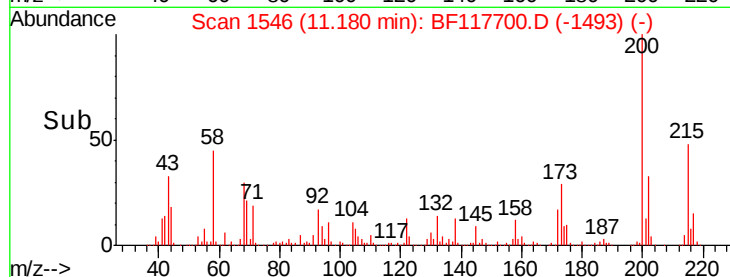
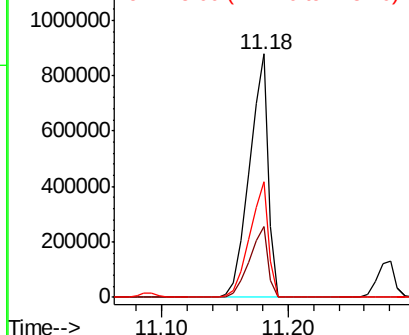


Abundance

Ion 200.00 (199.70 to 200.70): E

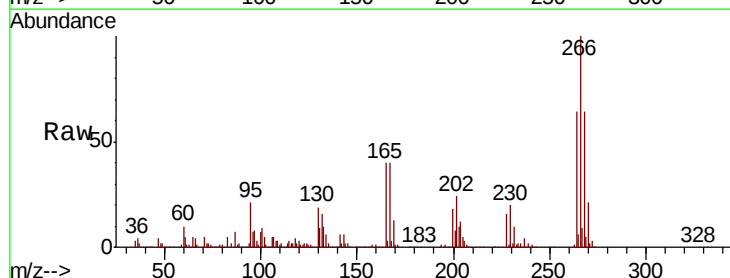
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 85.914 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	49.8	74.6
264	64.1	49.7	74.5

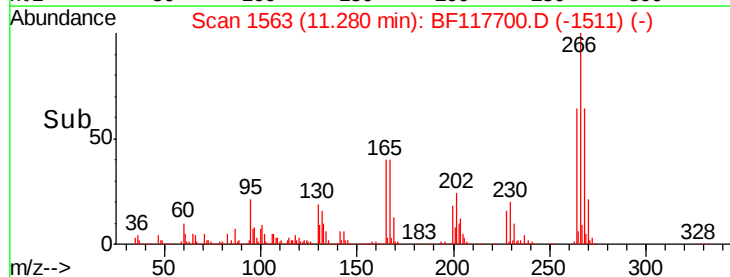
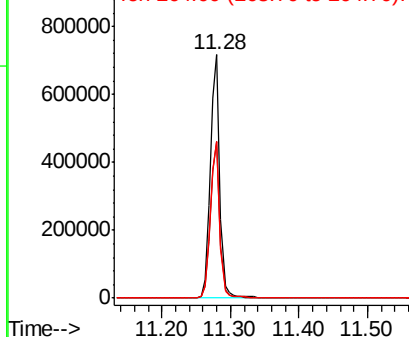


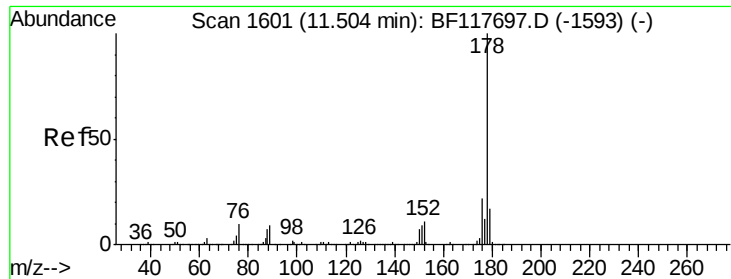
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

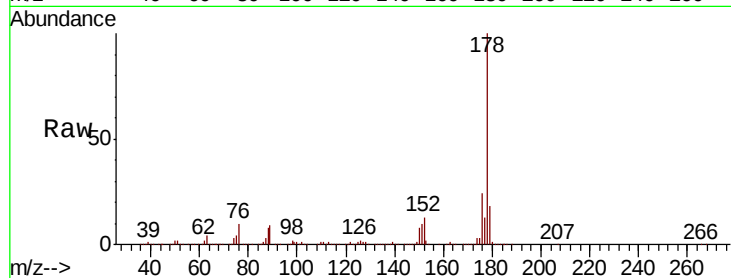




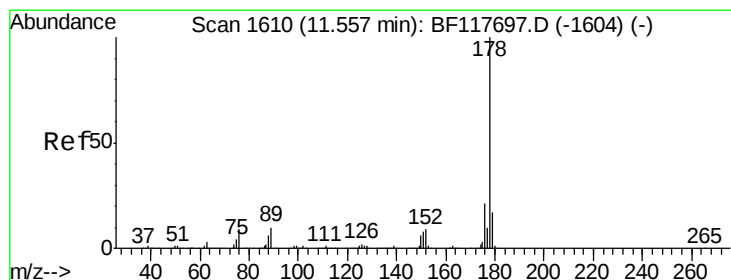
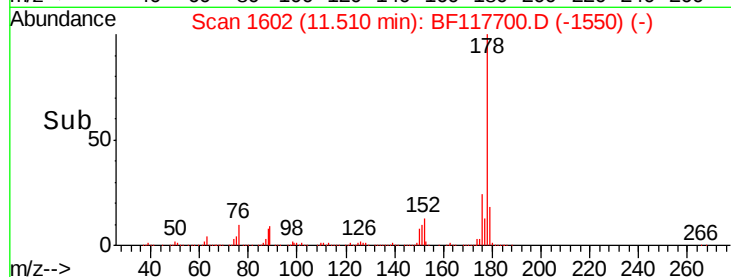
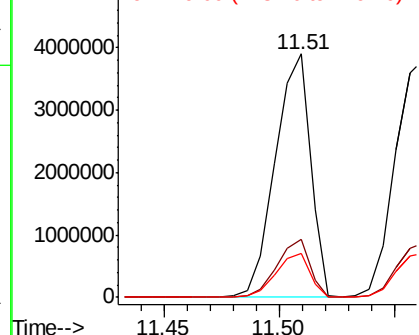
#71
Phenanthrene
Concen: 67.168 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.01 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 4136920
Ion Ratio Lower Upper
178 100
176 23.7 17.7 26.5
179 18.2 13.8 20.8

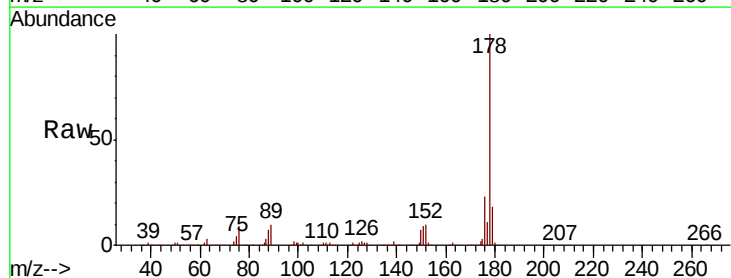


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

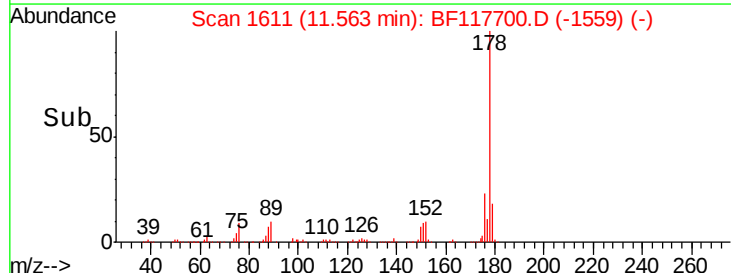
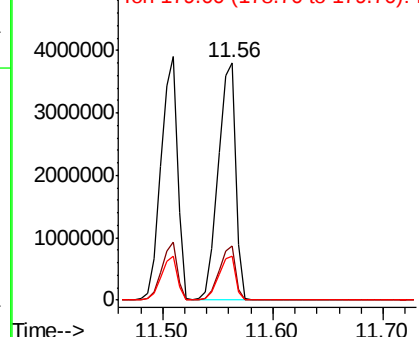


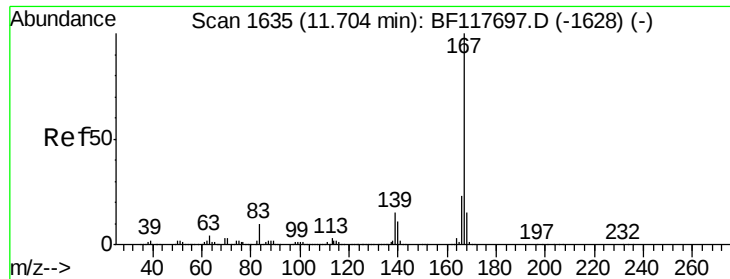
#72
Anthracene
Concen: 66.640 ng
RT: 11.56 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Tgt Ion:178 Resp: 4124487
Ion Ratio Lower Upper
178 100
176 22.9 16.6 25.0
179 18.3 13.5 20.3



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: 68.372 ng

RT: 11.71 min Scan# 1636

Delta R.T. 0.01 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

Instrument :

BNA_F

ClientSampleId :

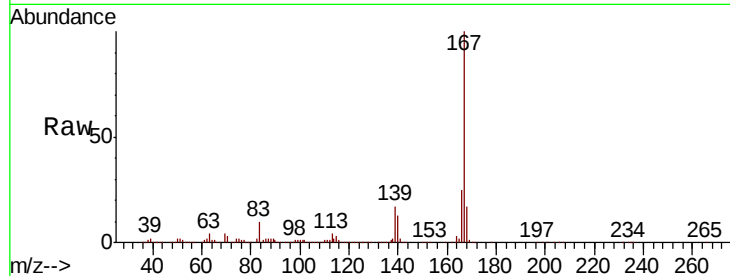
Tot Ion:167 Resp: 3868775

Ion Ratio Lower Upper

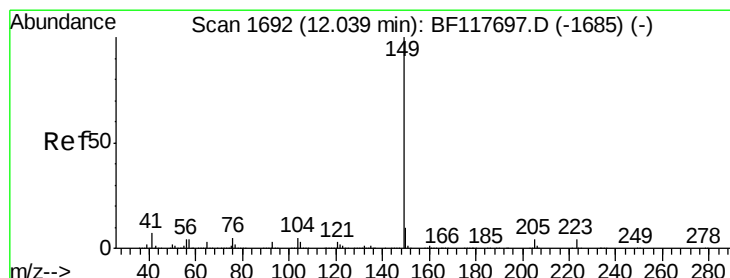
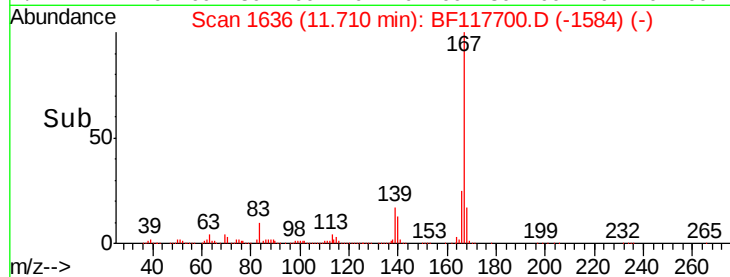
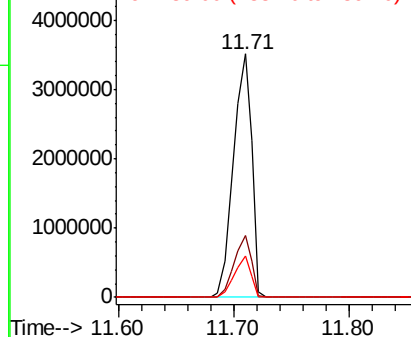
167 100

166 25.5 18.6 27.8

139 16.8 11.9 17.9



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 66.788 ng

RT: 12.04 min Scan# 1692

Delta R.T. -0.00 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

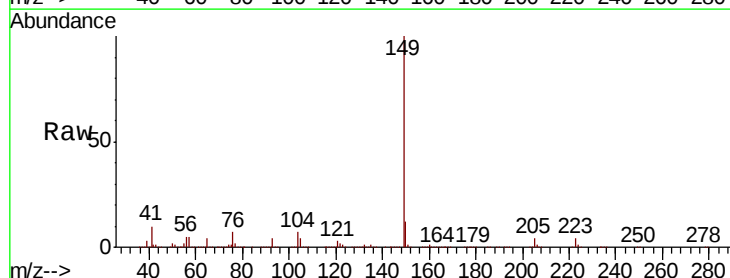
Tgt Ion:149 Resp: 4536125

Ion Ratio Lower Upper

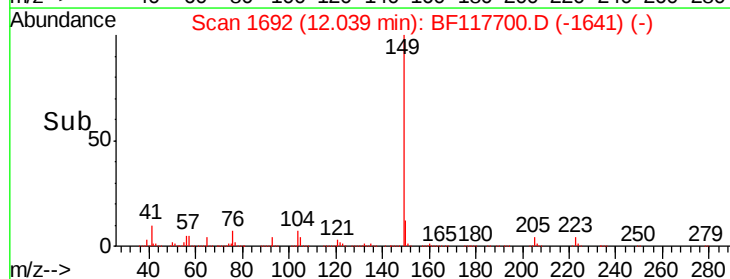
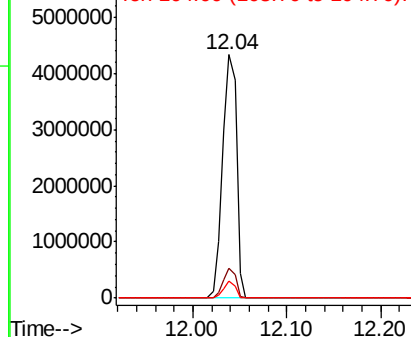
149 100

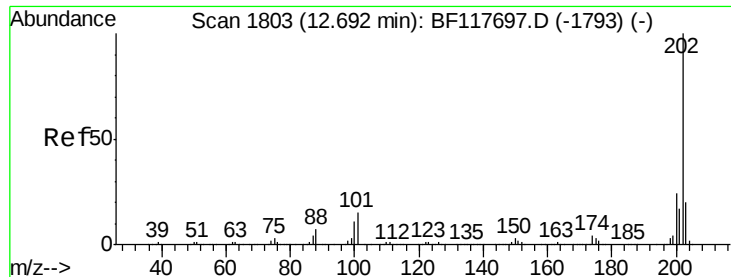
150 12.1 8.3 12.5

104 6.8 4.2 6.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 68.233 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.01 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

Instrument :

BNA_F

ClientSampleId :

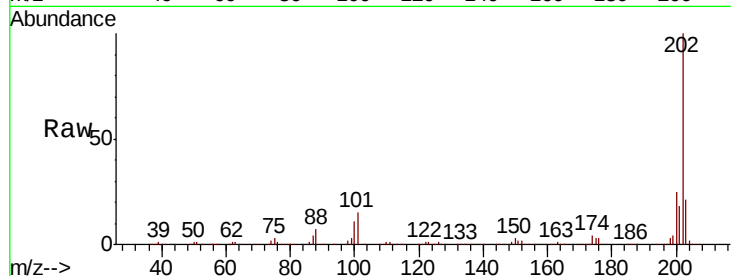
Tot Ion:202 Resp: 4284675

Ion Ratio Lower Upper

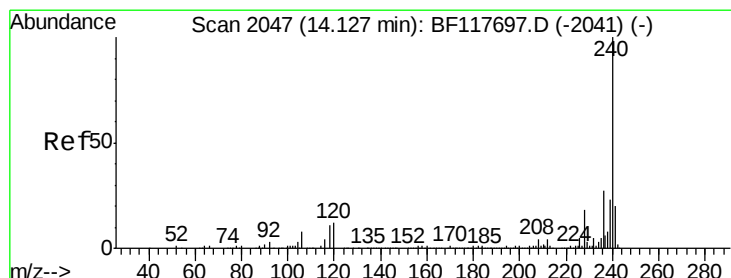
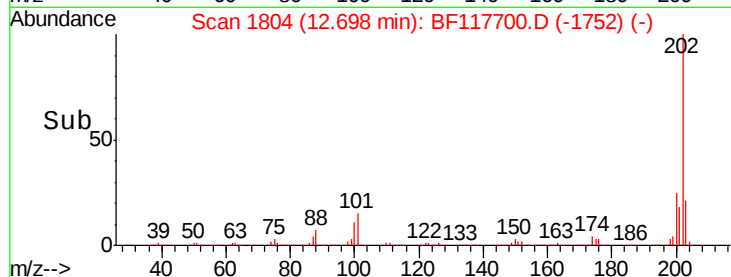
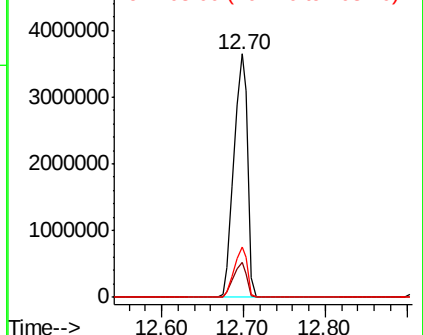
202 100

101 14.6 0.0 34.5

203 20.7 0.0 39.8



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: 14.13 min Scan# 2048

Delta R.T. 0.01 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

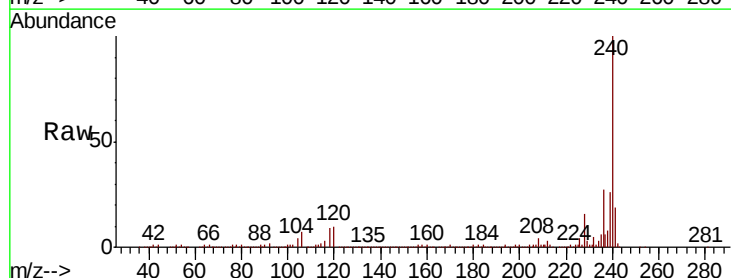
Tgt Ion:240 Resp: 782819

Ion Ratio Lower Upper

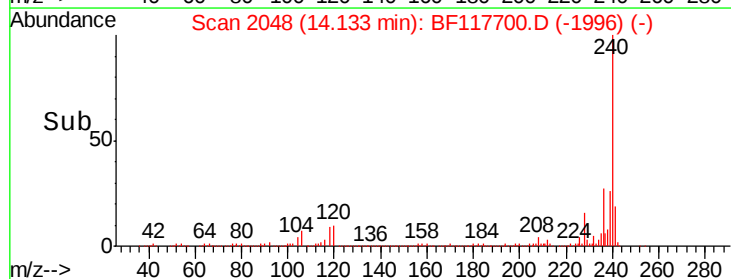
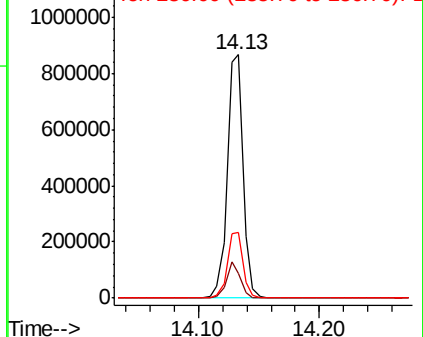
240 100

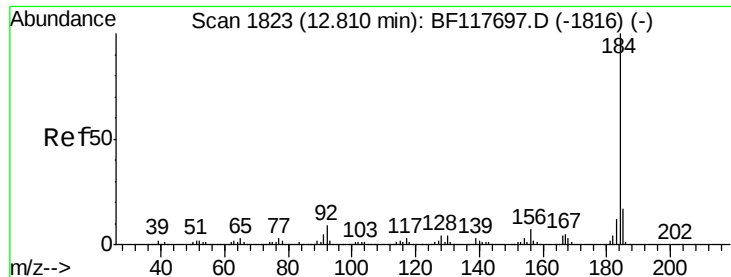
120 10.2 9.7 14.5

236 27.1 21.9 32.9



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: 114.653 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.01 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

Instrument :

BNA_F

ClientSampleId :

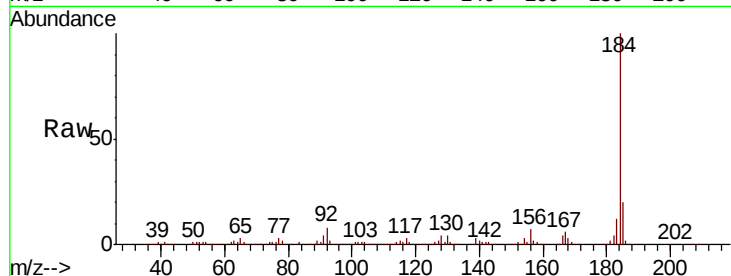
Tot Ion:184 Resp: 1764160

Ion Ratio Lower Upper

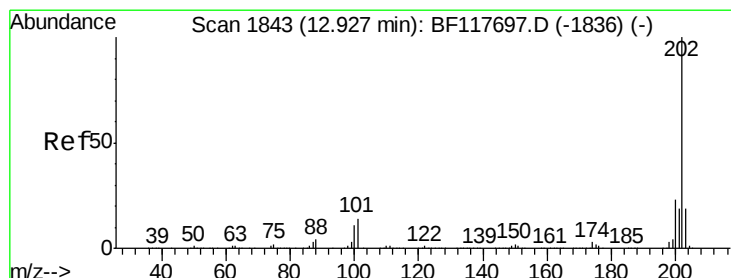
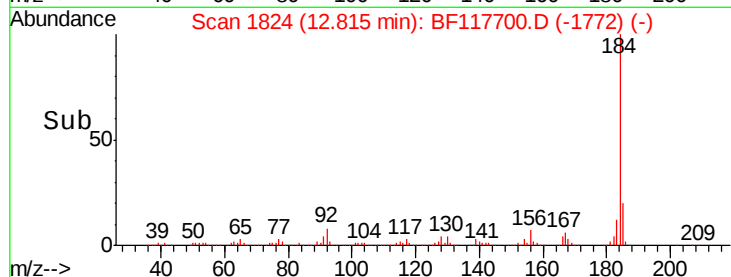
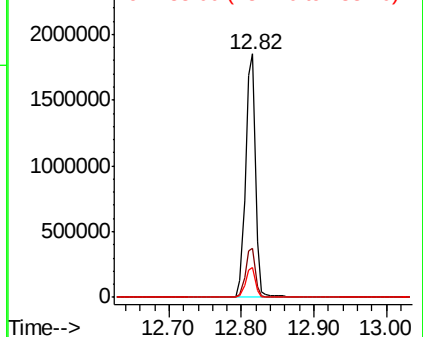
184 100

185 20.0 13.3 19.9#

183 12.4 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 77.541 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

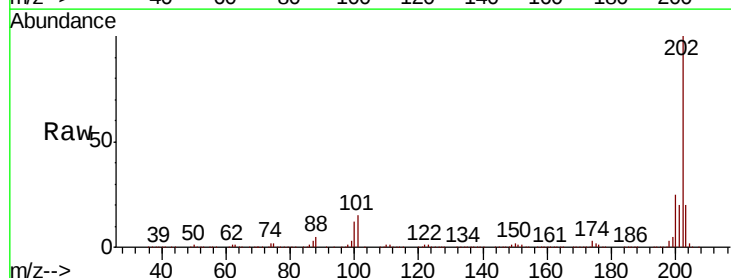
Tgt Ion:202 Resp: 4267050

Ion Ratio Lower Upper

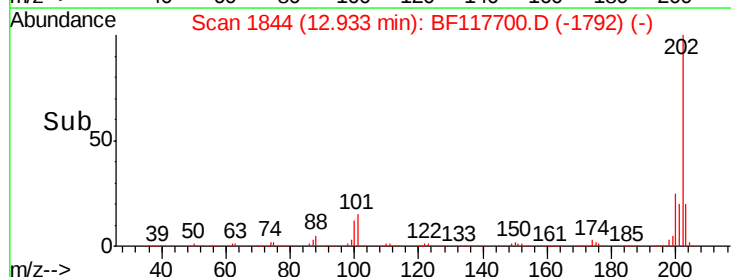
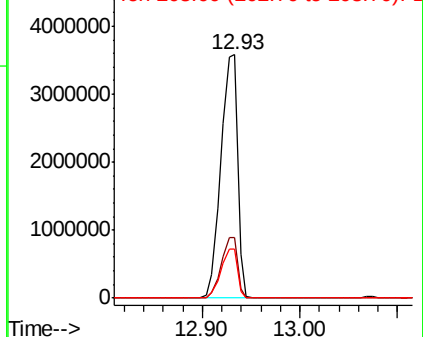
202 100

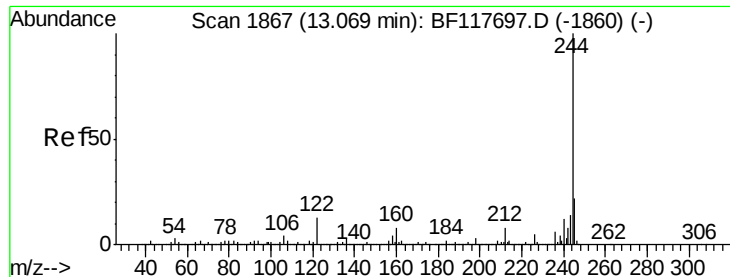
200 24.9 18.8 28.2

203 20.1 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 142.030 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.01 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

Instrument :

BNA_F

ClientSampled :

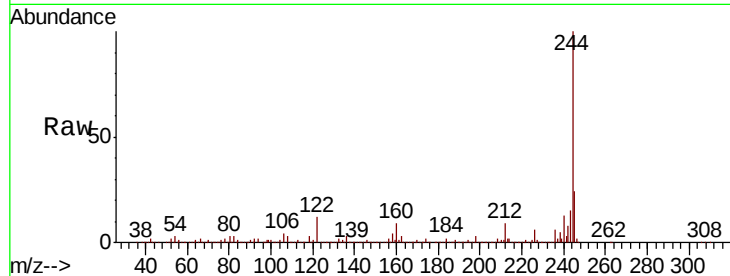
Tot Ion:244 Resp: 5354206

Ion Ratio Lower Upper

244 100

212 8.9 6.4 9.6

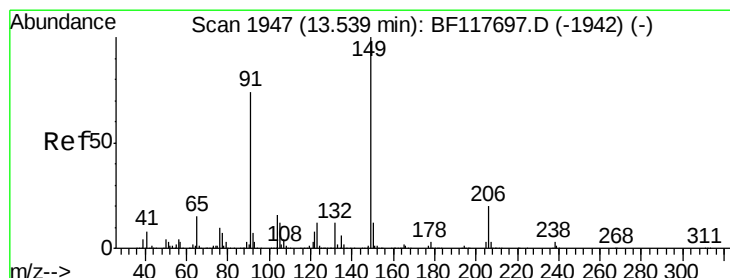
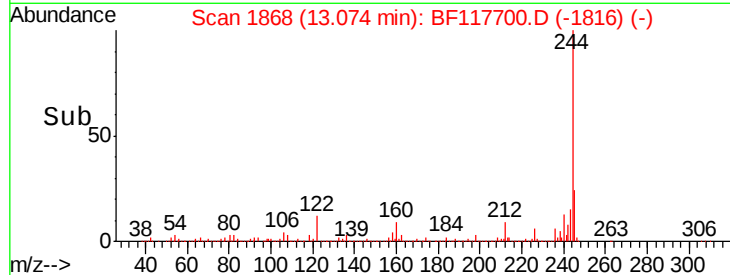
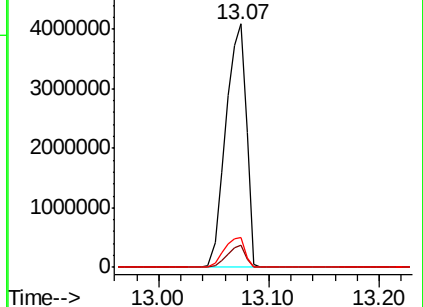
122 12.2 10.0 15.0



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: 81.739 ng

RT: 13.54 min Scan# 1948

Delta R.T. 0.01 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

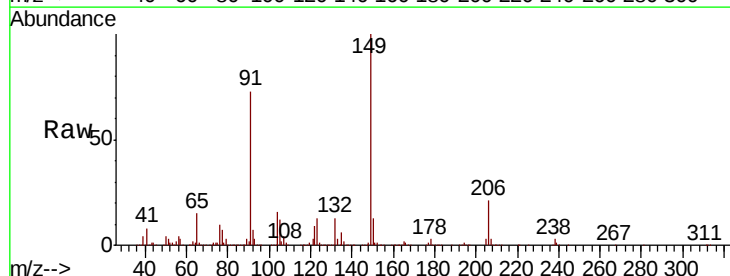
Tgt Ion:149 Resp: 2044235

Ion Ratio Lower Upper

149 100

91 72.6 59.1 88.7

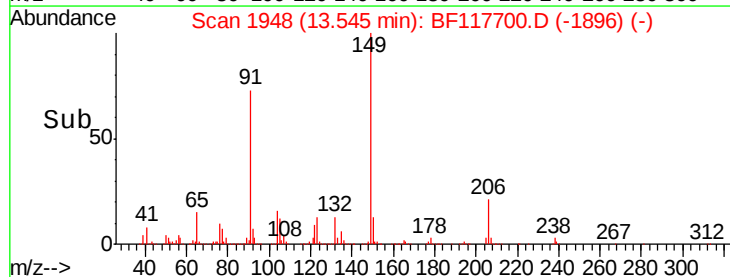
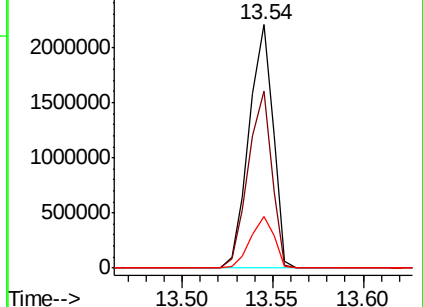
206 21.2 16.1 24.1

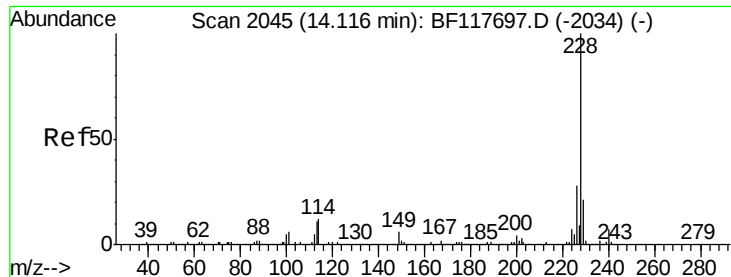


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 75.597 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.01 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

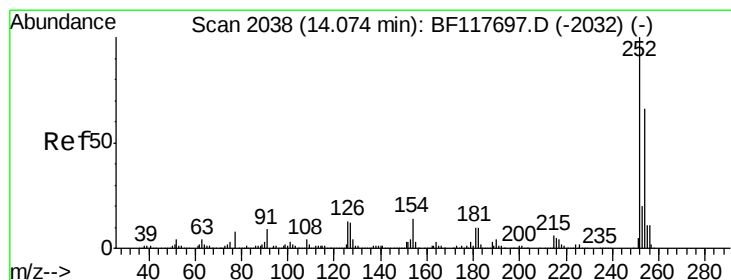
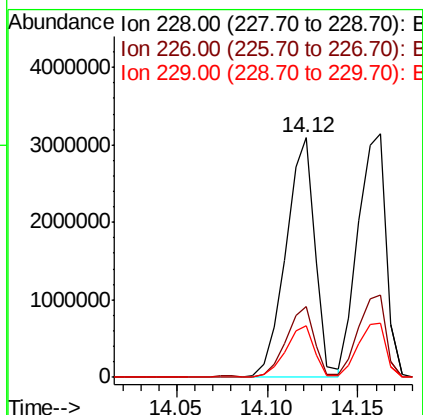
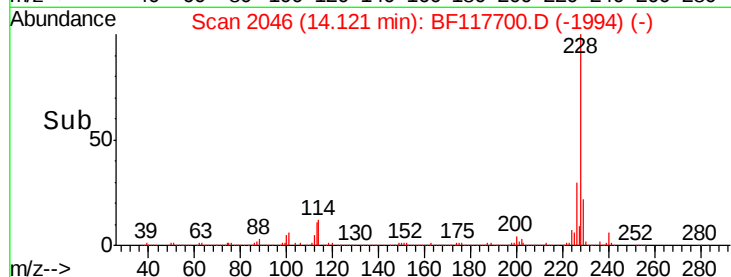
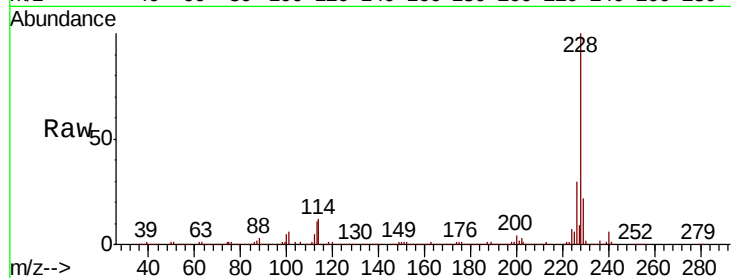
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 3487746

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.8	34.2
229	21.5	16.9	25.3



#82

3,3'-Dichlorobenzidine

Concen: 77.952 ng

RT: 14.08 min Scan# 2039

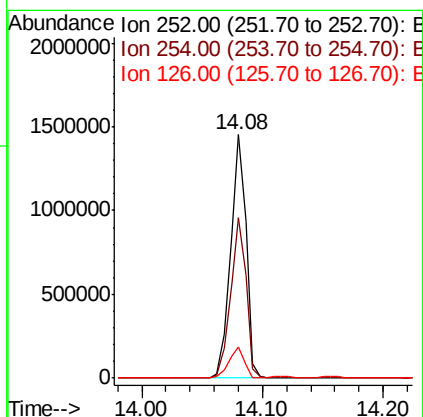
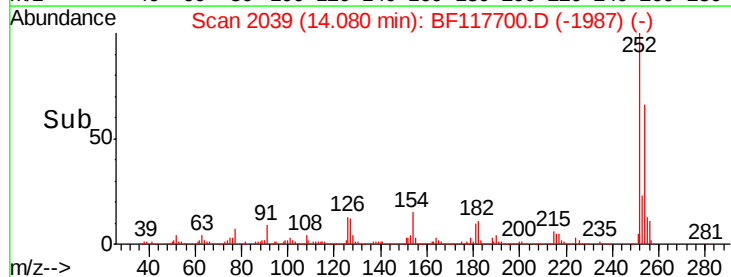
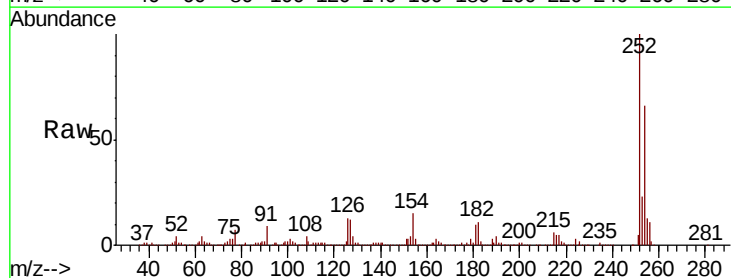
Delta R.T. 0.01 min

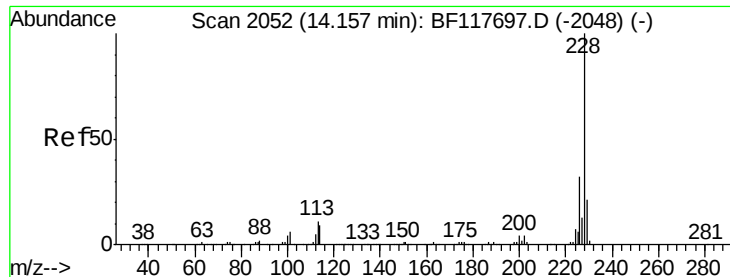
Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

Tgt Ion:252 Resp: 1296639

Ion	Ratio	Lower	Upper
252	100		
254	66.0	53.1	79.7
126	12.8	10.3	15.5





#83

Chrvsene

Concen: 75.239 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

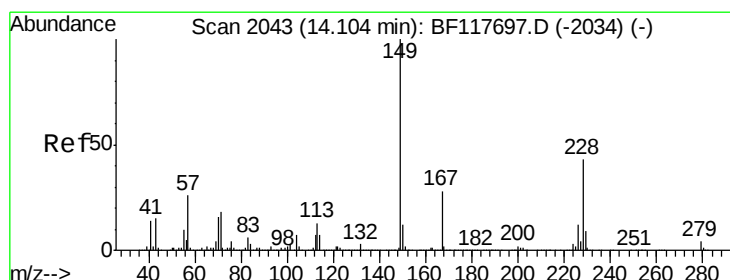
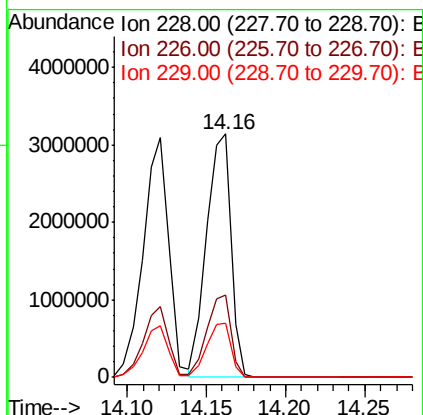
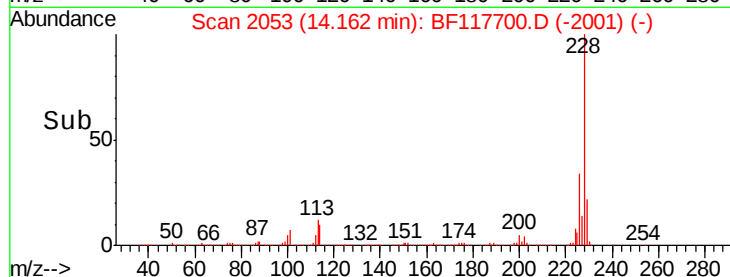
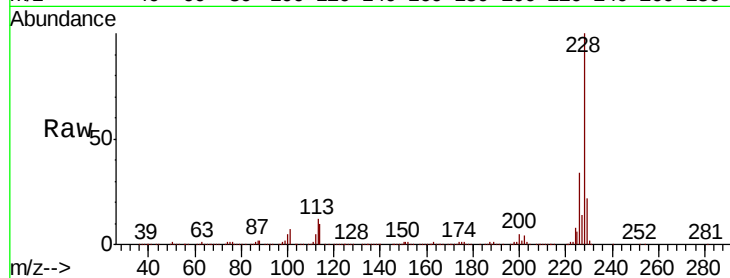
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 3414927

Ion	Ratio	Lower	Upper
228	100		
226	33.6	25.4	38.2
229	22.2	16.6	24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 76.416 ng

RT: 14.10 min Scan# 2043

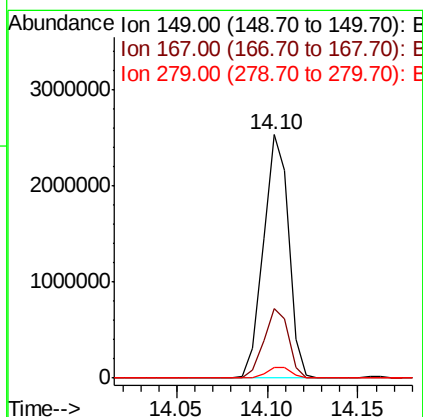
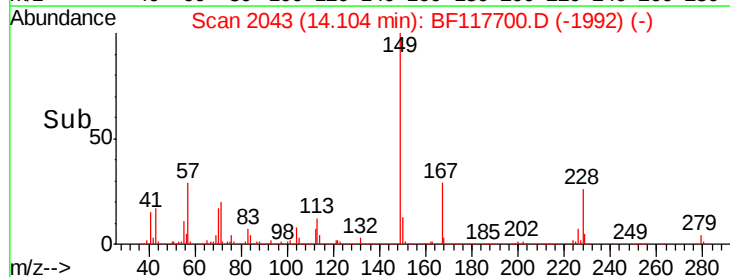
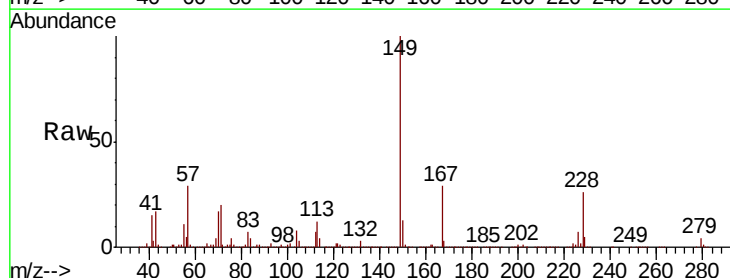
Delta R.T. -0.00 min

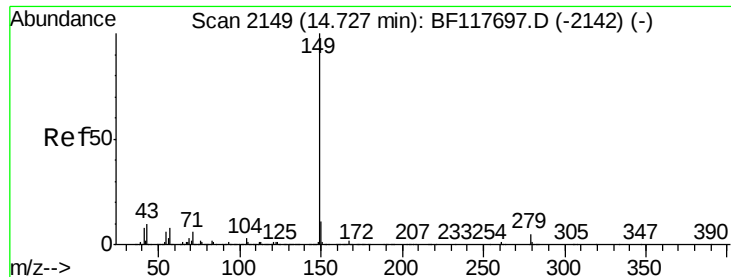
Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

Tgt Ion:149 Resp: 2445944

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.2	33.2
279	4.3	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 76.874 ng

RT: 14.73 min Scan# 2149

Delta R.T. -0.00 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

Instrument :

BNA_F

ClientSampleId :

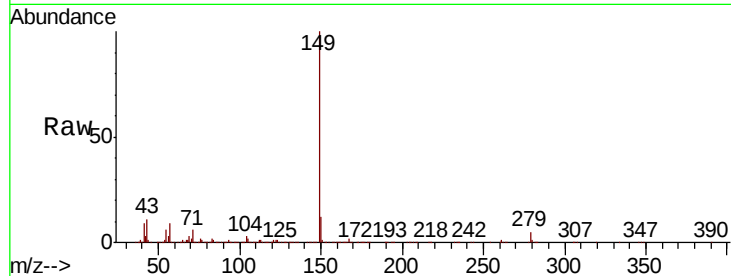
Tot Ion:149 Resp: 3816731

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

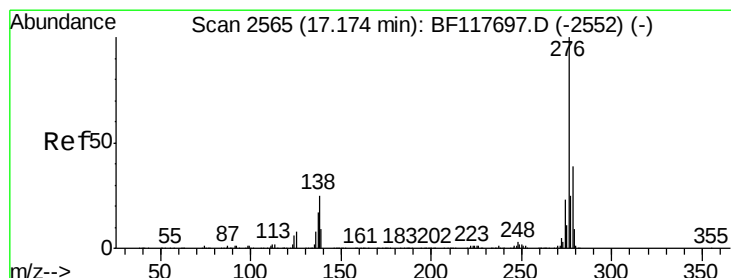
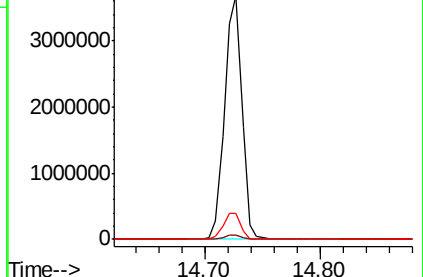
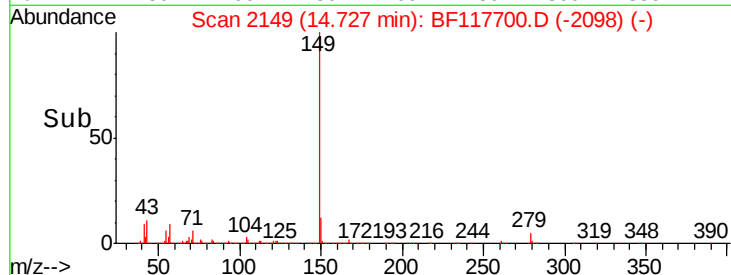
43 10.9 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E

5000000 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: 83.623 ng

RT: 17.19 min Scan# 2567

Delta R.T. 0.01 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

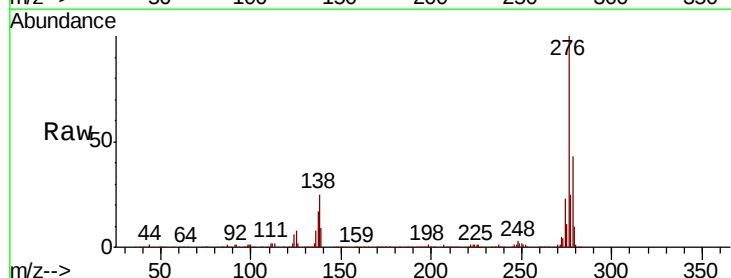
Tgt Ion:276 Resp: 3559582

Ion Ratio Lower Upper

276 100

138 27.9 22.4 33.6

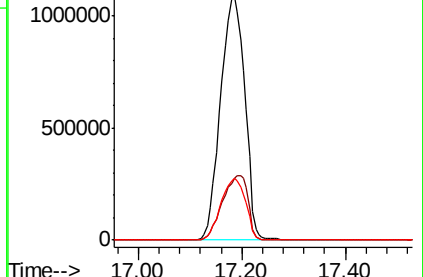
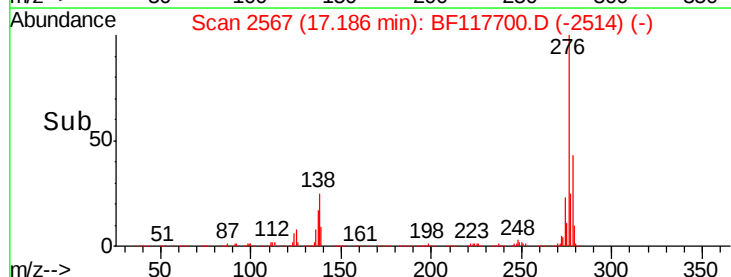
277 25.5 20.6 30.8

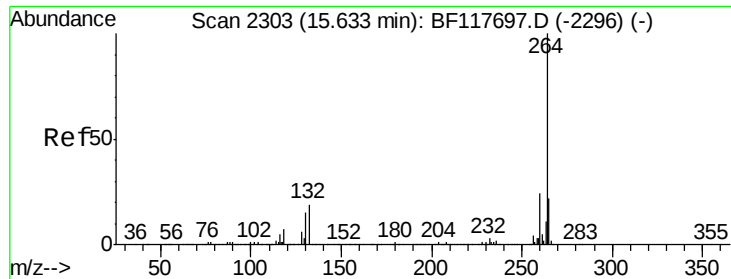


Abundance Ion 276.00 (275.70 to 276.70): E

1500000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



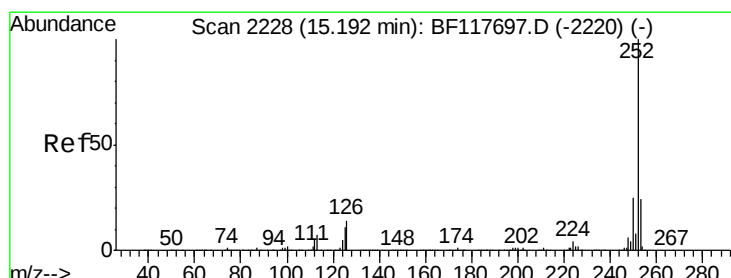
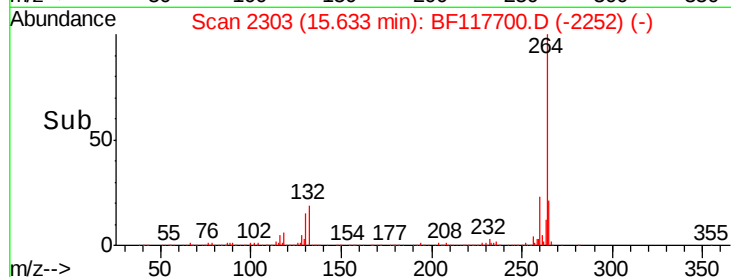
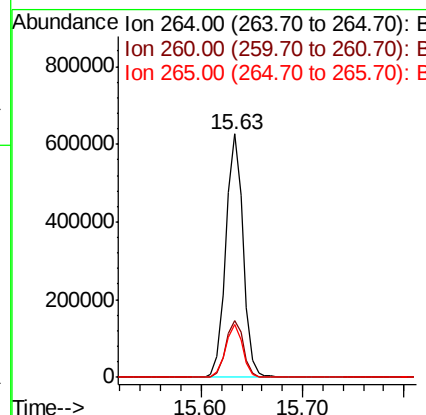
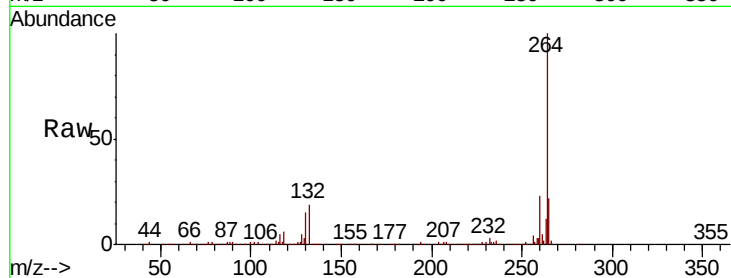


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 741604

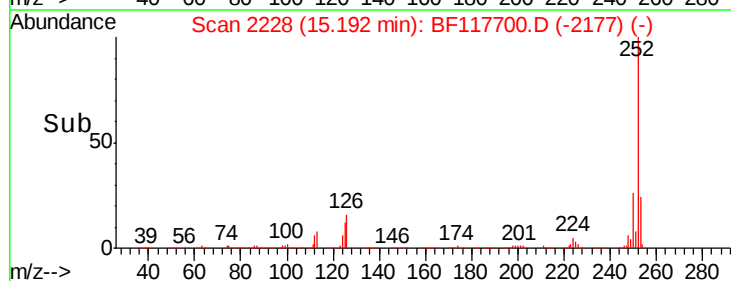
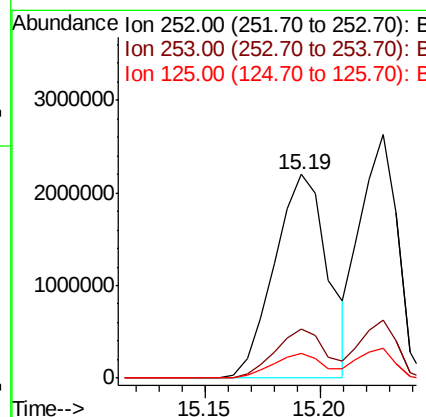
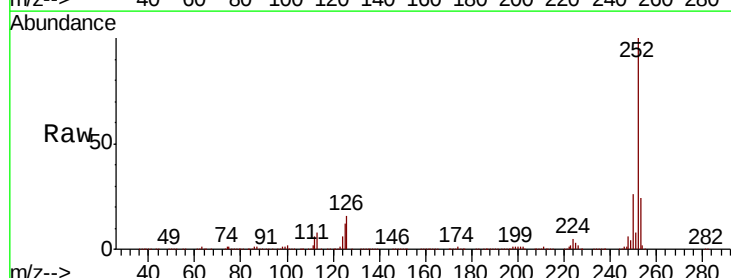
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	21.5	17.7	26.5

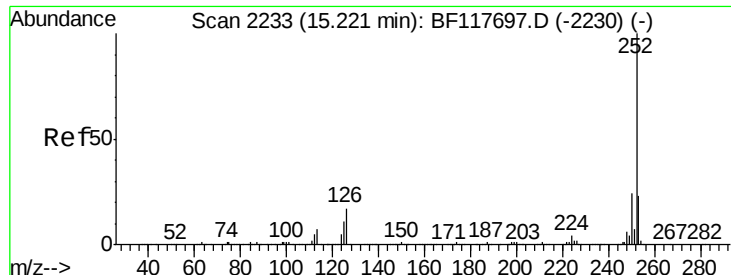


#88
Benzo(b)fluoranthene
Concen: 80.445 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Tgt Ion:252 Resp: 3538165

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.9	28.3
125	12.0	8.5	12.7

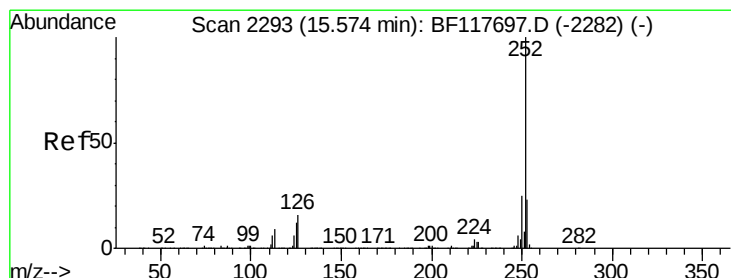
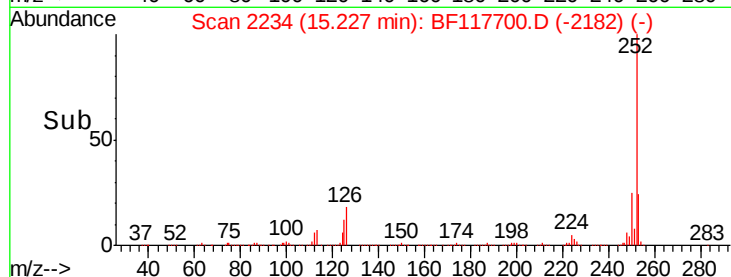
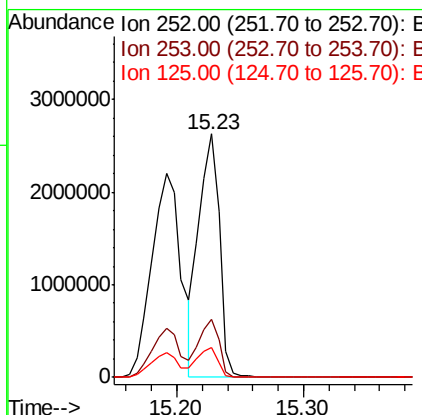
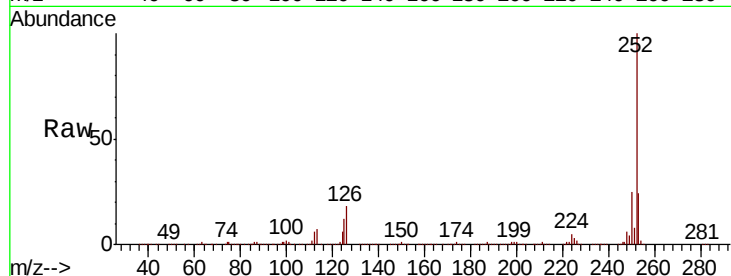




#89
Benzo(k)fluoranthene
Concen: 72.847 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

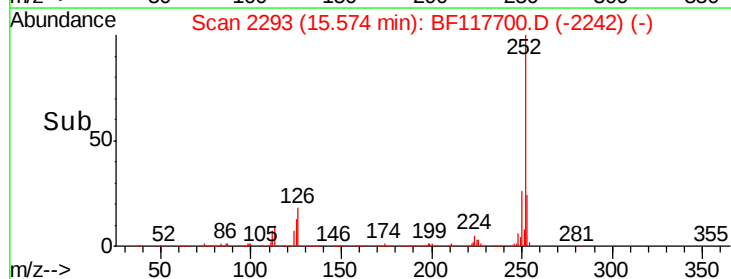
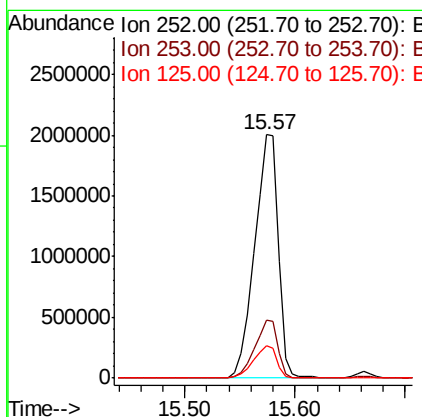
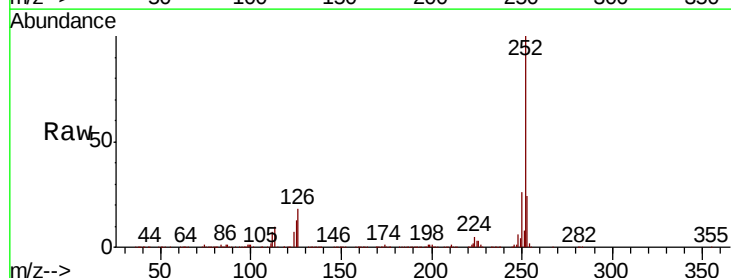
Instrument :
BNA_F
ClientSampleId :

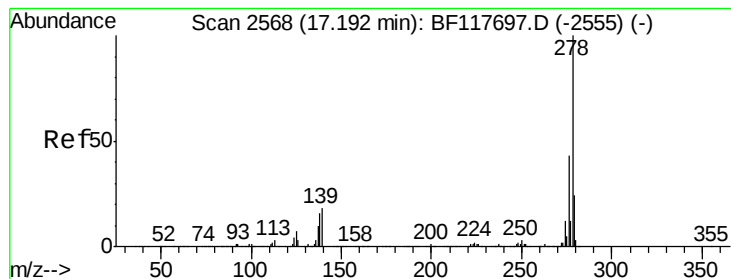
Tot Ion:252 Resp: 2964570
Ion Ratio Lower Upper
252 100
253 24.1 17.9 26.9
125 12.1 9.1 13.7



#90
Benzo(a)pyrene
Concen: 77.973 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF117700.D
Acq: 6 Nov 2019 14:47

Tgt Ion:252 Resp: 3013065
Ion Ratio Lower Upper
252 100
253 23.8 18.0 27.0
125 13.4 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 83.049 ng

RT: 17.21 min Scan# 2571

Delta R.T. 0.02 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

Instrument :

BNA_F

ClientSampleId :

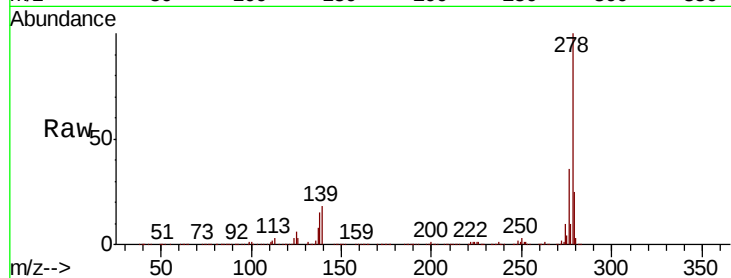
Tot Ion:278 Resp: 2856666

Ion	Ratio	Lower	Upper
278	100		
139	18.0	14.3	21.5
279	24.9	19.0	28.6

278 100

139 18.0 14.3 21.5

279 24.9 19.0 28.6

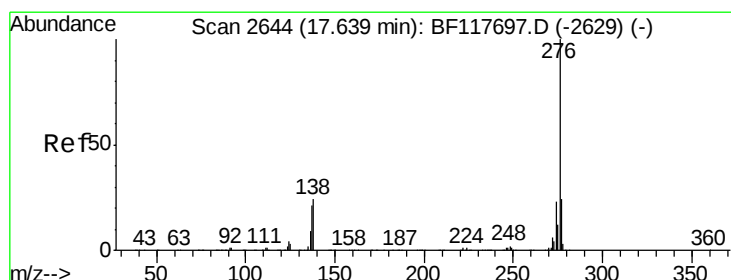
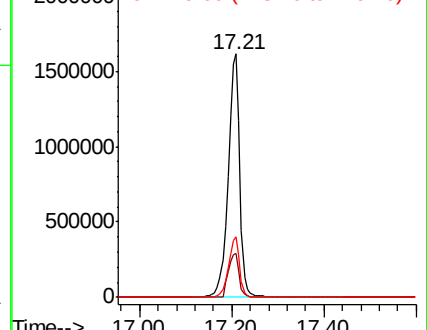
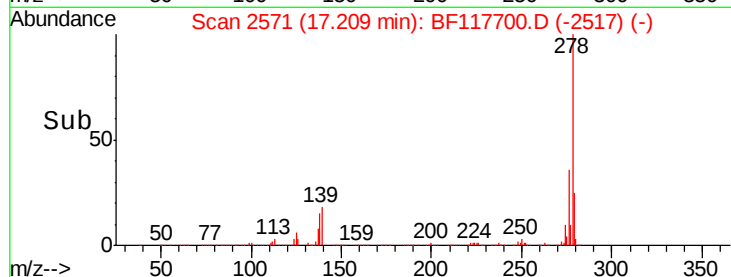


Abundance

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: 85.972 ng

RT: 17.66 min Scan# 2647

Delta R.T. 0.02 min

Lab File: BF117700.D

Acq: 6 Nov 2019 14:47

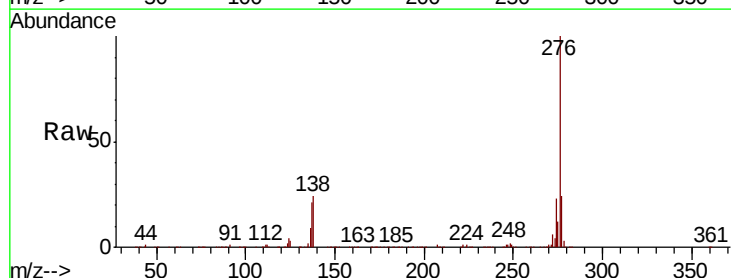
Tgt Ion:276 Resp: 2890098

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.4	29.0
138	24.5	19.2	28.8

276 100

277 24.4 19.4 29.0

138 24.5 19.2 28.8



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

