

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
 Data File : BF115706.D
 Acq On : 22 Jul 2019 13:46
 Operator : HP/JU
 Sample : PB121584BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 23 01:15:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	179463	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	742994	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	380194	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	726548	20.00	ng	0.00
76) Chrysene-d12	14.04	240	501279	20.00	ng	0.00
87) Perylene-d12	15.52	264	366850	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1222629	111.44	ng	0.01
7) Phenol-d6	6.52	99	1595433	114.60	ng	0.00
23) Nitrobenzene-d5	7.44	82	999306	78.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	475620	107.18	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1811760	83.41	ng	-0.01
79) Terphenyl-d14	12.99	244	2001435	73.67	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	203219	37.132	ng	98
3) Pyridine	3.50	79	455668	30.688	ng	99
4) n-Nitrosodimethylamine	3.45	42	211104	39.190	ng	89
6) Aniline	6.54	93	483183	24.940	ng	97
8) 2-Chlorophenol	6.67	128	496444	39.356	ng	100
9) Benzaldehyde	6.43	77	207900	23.897	ng	100
10) Phenol	6.53	94	619820	38.352	ng	88
11) bis(2-Chloroethyl)ether	6.62	93	476659	38.739	ng	99
12) 1,3-Dichlorobenzene	6.82	146	516314	36.405	ng	98
13) 1,4-Dichlorobenzene	6.90	146	521234	36.835	ng	97
14) 1,2-Dichlorobenzene	7.05	146	487451	37.683	ng	97
15) Benzyl Alcohol	7.02	79	405430	36.711	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	644632	39.794	ng	99
17) 2-Methylphenol	7.13	107	454054	41.768	ng	98
18) Hexachloroethane	7.39	117	190358	36.243	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	344692	37.964	ng	96
20) 3+4-Methylphenols	7.29	107	508872	39.409	ng	# 89
22) Acetophenone	7.29	105	676256	40.289	ng	# 99
24) Nitrobenzene	7.46	77	552083	40.058	ng	94
25) Isophorone	7.70	82	1005439	39.323	ng	98
26) 2-Nitrophenol	7.77	139	281806	39.725	ng	96
27) 2,4-Dimethylphenol	7.82	122	467290	44.025	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	622955	39.714	ng	98
29) 2,4-Dichlorophenol	8.02	162	443381	40.166	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	474297	38.011	ng	99
31) Naphthalene	8.19	128	1439215	39.997	ng	98
32) Benzoic acid	7.95	122	324979	37.308	ng	97
33) 4-Chloroaniline	8.23	127	392366	24.617	ng	99
34) Hexachlorobutadiene	8.30	225	266274	37.212	ng	99
35) Caprolactam	8.60	113	87430	25.631	ng	93
36) 4-Chloro-3-methylphenol	8.72	107	463622	40.489	ng	99
37) 2-Methylnaphthalene	8.87	142	979727	41.075	ng	98
38) 1-Methylnaphthalene	8.97	142	922233	40.706	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	447646	39.099	ng	98

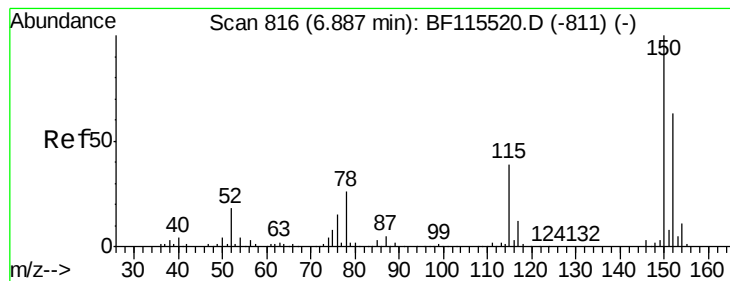
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
 Data File : BF115706.D
 Acq On : 22 Jul 2019 13:46
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Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 23 01:15:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	310591	47.557	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	303350	36.231	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	341009	39.771	ng	98
46) 1,1'-Biphenyl	9.34	154	1193330	40.148	ng	98
47) 2-Chloronaphthalene	9.37	162	943950	38.141	ng	96
48) 2-Nitroaniline	9.46	65	291573	38.063	ng	98
49) Acenaphthylene	9.78	152	1417756	38.660	ng	99
50) Dimethylphthalate	9.64	163	1114199	38.952	ng	99
51) 2,6-Dinitrotoluene	9.70	165	253865	39.053	ng	95
52) Acenaphthene	9.96	154	867010	36.620	ng	99
53) 3-Nitroaniline	9.87	138	199744	26.889	ng	100
54) 2,4-Dinitrophenol	9.98	184	250399	75.025	ng	99
55) Dibenzofuran	10.13	168	1283369	38.169	ng	99
56) 4-Nitrophenol	10.04	139	403708	71.267	ng	93
57) 2,4-Dinitrotoluene	10.10	165	335347	39.819	ng	97
58) Fluorene	10.47	166	965710	40.177	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	288249	40.215	ng	99
60) Diethylphthalate	10.34	149	1074686	40.098	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	497867	37.351	ng	97
62) 4-Nitroaniline	10.49	138	256387	35.981	ng	98
63) Azobenzene	10.62	77	1066946	41.042	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	167033	37.629	ng	92
66) n-Nitrosodiphenylamine	10.57	169	890355	39.396	ng	98
67) 4-Bromophenyl-phenylether	10.95	248	313203	37.723	ng	99
68) Hexachlorobenzene	11.02	284	355223	37.464	ng	# 94
69) Atrazine	11.10	200	242672	32.731	ng	99
70) Pentachlorophenol	11.22	266	396132	68.308	ng	99
71) Phenanthrene	11.43	178	1450652	38.952	ng	98
72) Anthracene	11.48	178	1482750	38.525	ng	99
73) Carbazole	11.63	167	1325646	39.277	ng	100
74) Di-n-butylphthalate	11.96	149	1666037	40.074	ng	99
75) Fluoranthene	12.62	202	1520075	38.625	ng	100
77) Benzidine	12.73	184	295546	16.643	ng	98
78) Pyrene	12.85	202	1549280	36.479	ng	98
80) Butylbenzylphthalate	13.46	149	710348	39.235	ng	95
81) Benzo(a)anthracene	14.03	228	1273147	38.552	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	393842	33.547	ng	98
83) Chrysene	14.07	228	1265261	38.166	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	971829	43.335	ng	99
85) Di-n-octyl phthalate	14.63	149	1565761	43.881	ng	100
86) Indeno(1,2,3-cd)pyrene	17.00	276	1103319	39.173	ng	100
88) Benzo(b)fluoranthene	15.09	252	1199632	50.784	ng	98
89) Benzo(k)fluoranthene	15.12	252	1084355	51.488	ng	98
90) Benzo(a)pyrene	15.46	252	1057946	52.108	ng	99
91) Dibenzo(a,h)anthracene	17.02	278	939260	52.696	ng	99
92) Benzo(g,h,i)perylene	17.45	276	909242	51.149	ng	99

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

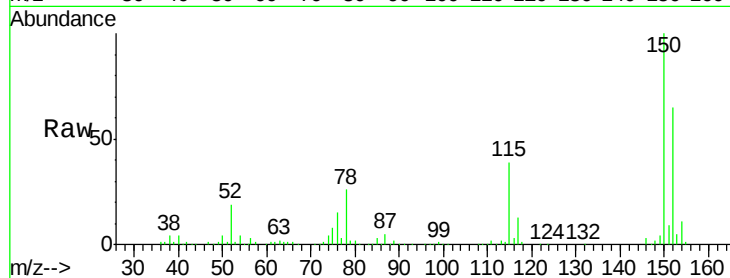


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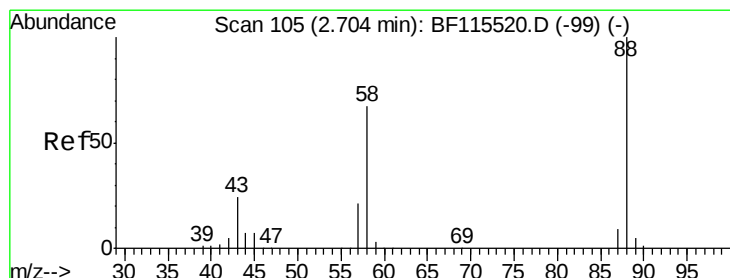
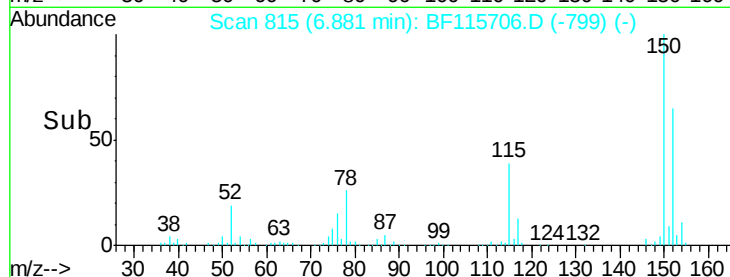
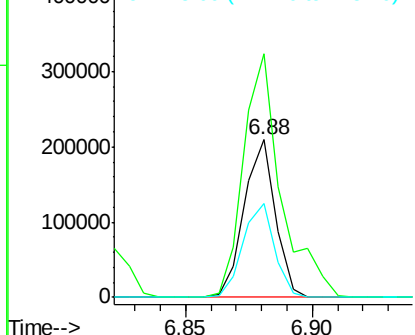
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 179463
Ion Ratio Lower Upper
152 100
150 154.5 129.7 194.5
115 59.6 48.2 72.4



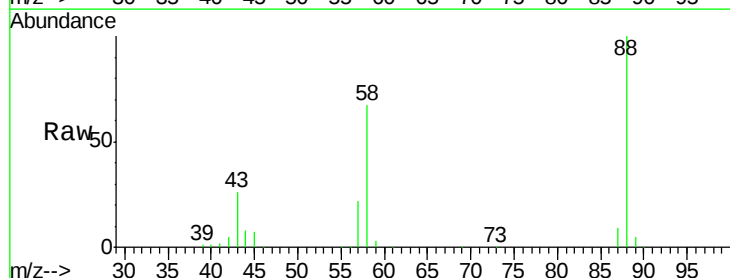
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



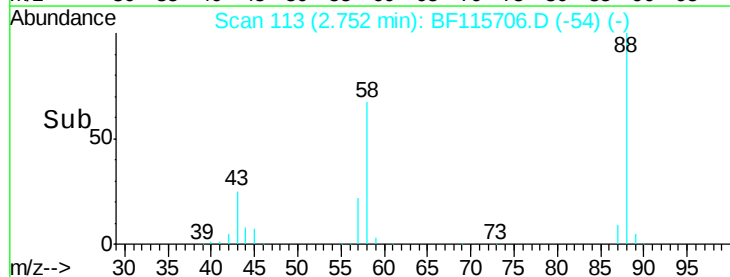
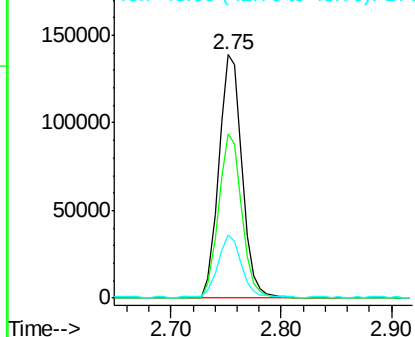
#2

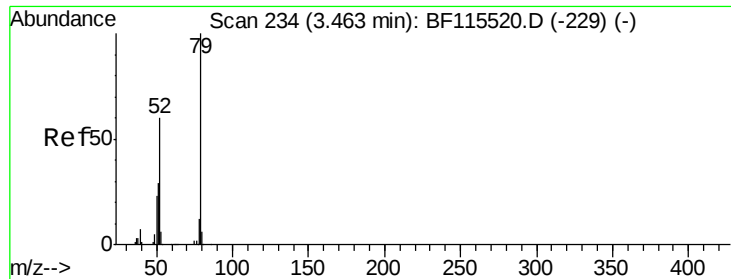
1,4-Dioxane
Concen: 37.132 ng
RT: 2.75 min Scan# 113
Delta R.T. 0.05 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion: 88 Resp: 203219
Ion Ratio Lower Upper
88 100
58 67.4 52.6 79.0
43 25.6 19.1 28.7



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: 30.688 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.04 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

ClientSampled :

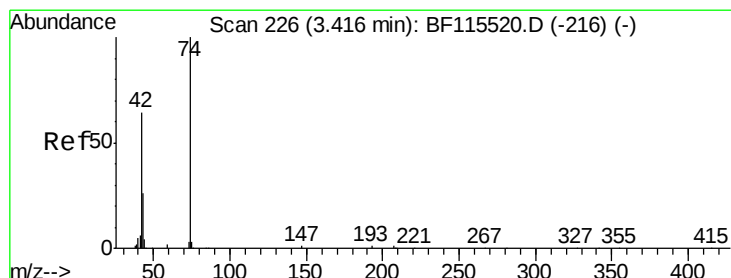
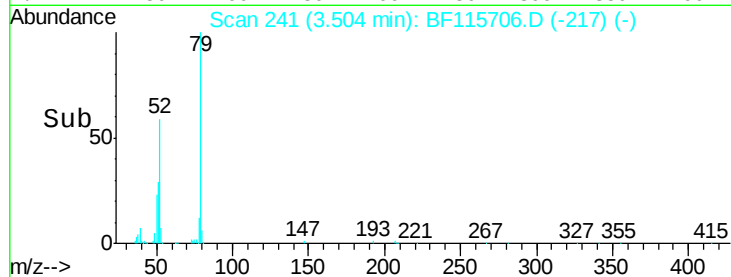
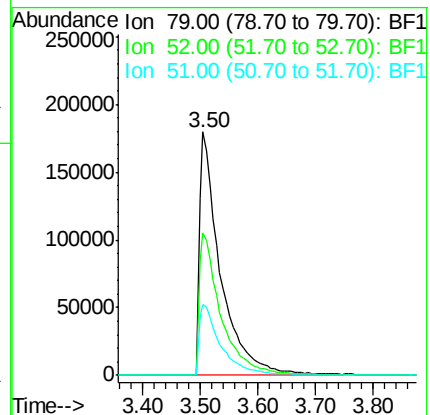
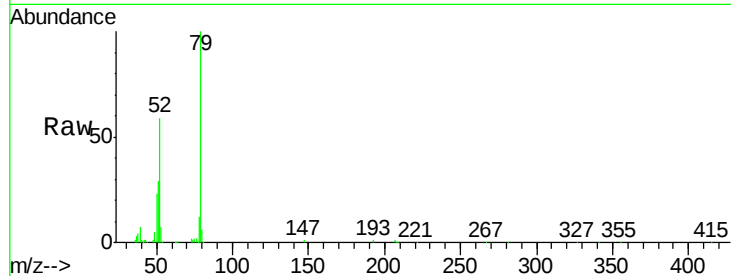
Tot Ion: 79 Resp: 455668

Ion Ratio Lower Upper

79 100

52 58.7 47.8 71.6

51 29.2 23.8 35.8



#4

n-Nitrosodimethylamine

Concen: 39.190 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.03 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

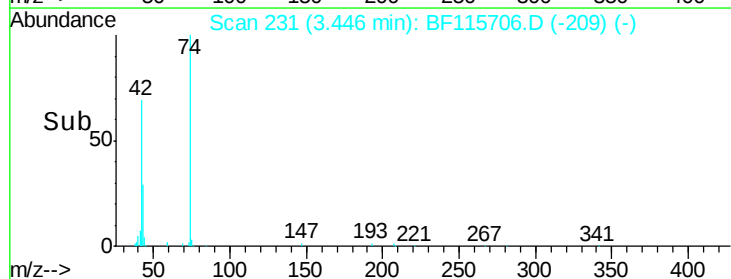
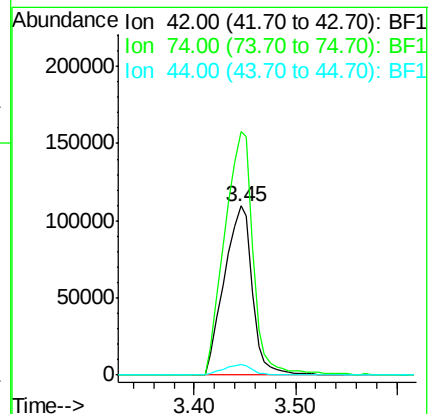
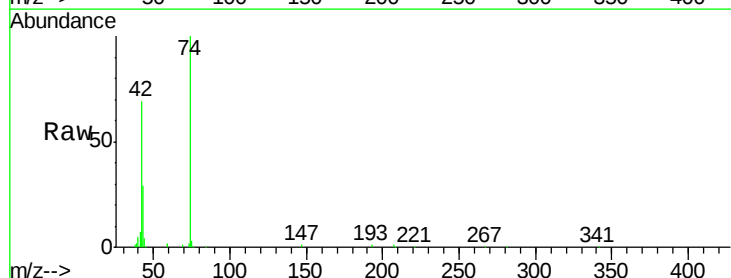
Tgt Ion: 42 Resp: 211104

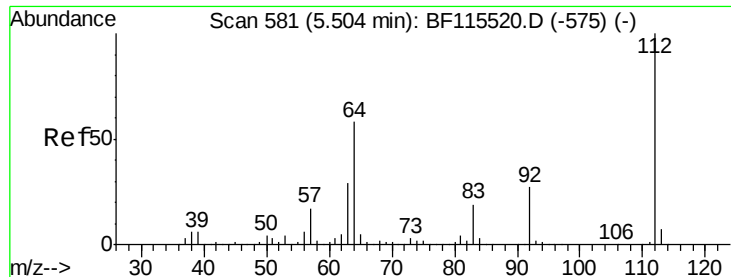
Ion Ratio Lower Upper

42 100

74 144.0 127.5 191.3

44 6.1 5.0 7.6





#5

2-Fluorophenol

Concen: 111.436 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

ClientSampleId :

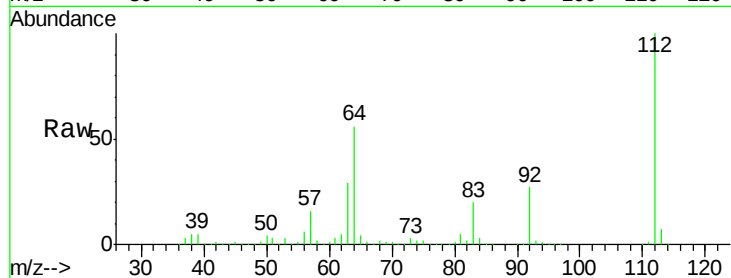
Tot Ion: 112 Resp: 1222629

Ion Ratio Lower Upper

112 100

64 56.2 46.8 70.2

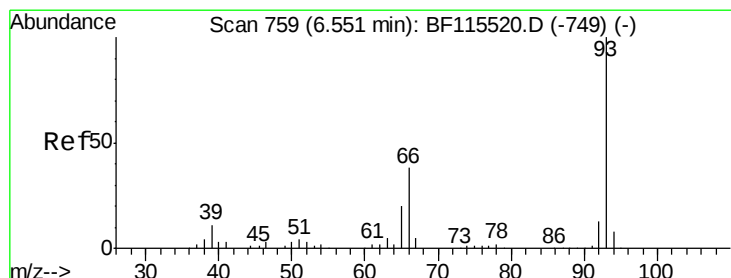
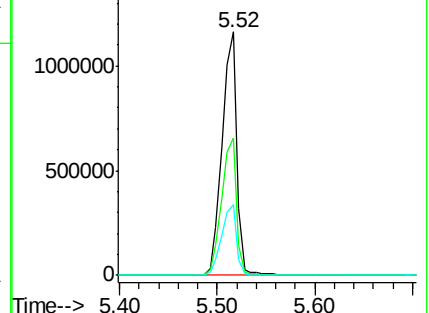
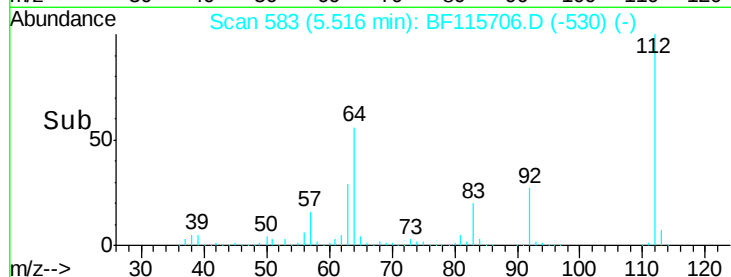
63 28.9 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.940 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

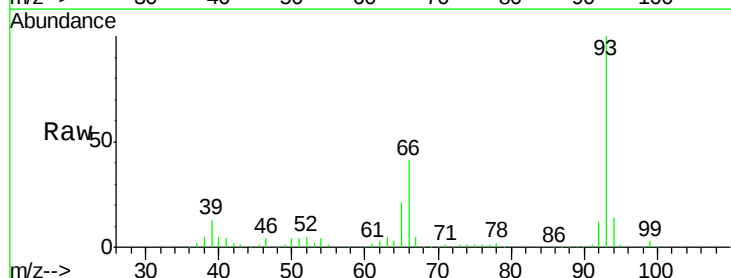
Tgt Ion: 93 Resp: 483183

Ion Ratio Lower Upper

93 100

66 41.4 31.7 47.5

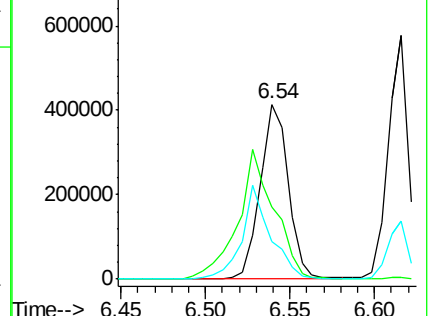
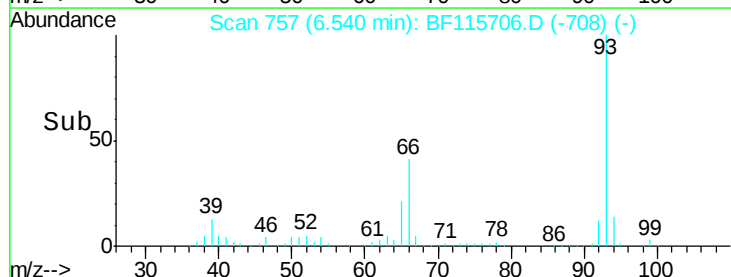
65 21.5 16.2 24.2

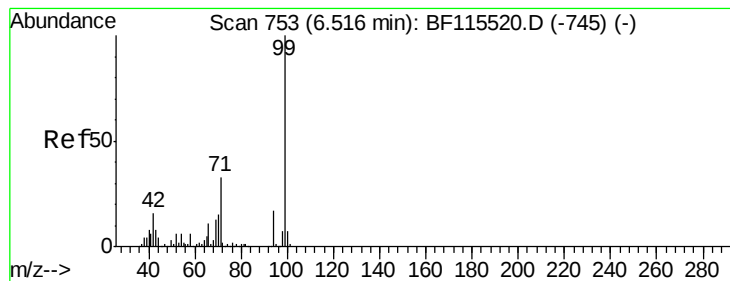


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.601 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

ClientSampleId :

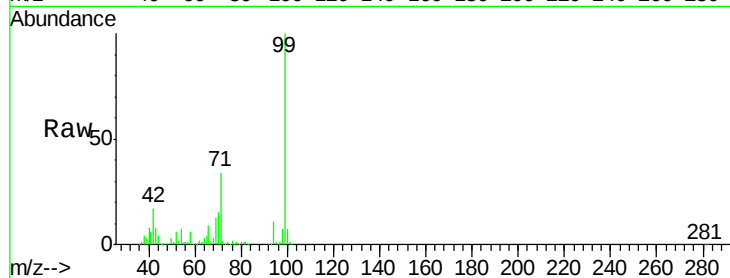
Tot Ion: 99 Resp: 1595433

Ion Ratio Lower Upper

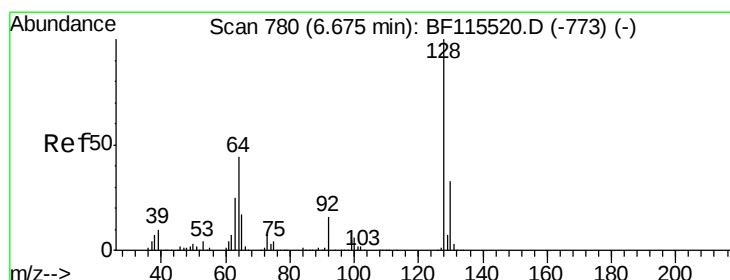
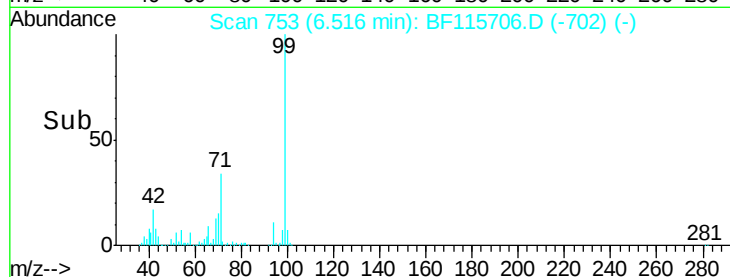
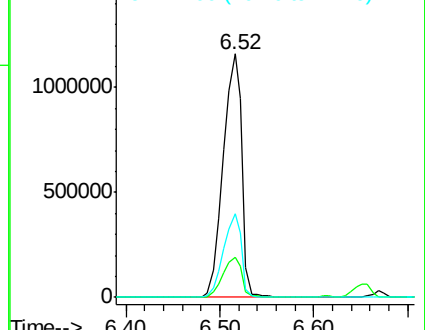
99 100

42 16.7 13.6 20.4

71 34.2 28.5 42.7



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: 39.356 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

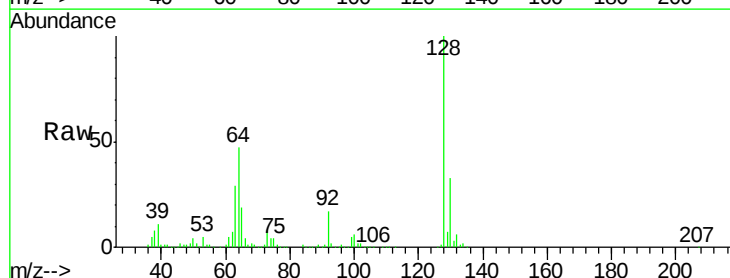
Tgt Ion:128 Resp: 496444

Ion Ratio Lower Upper

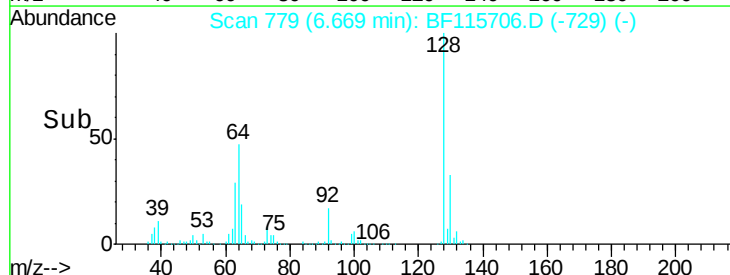
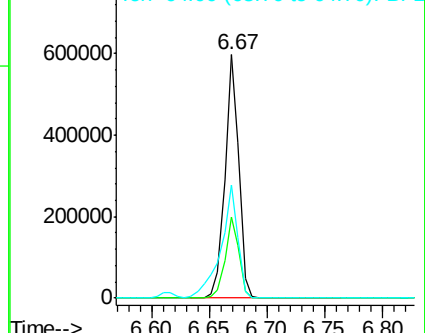
128 100

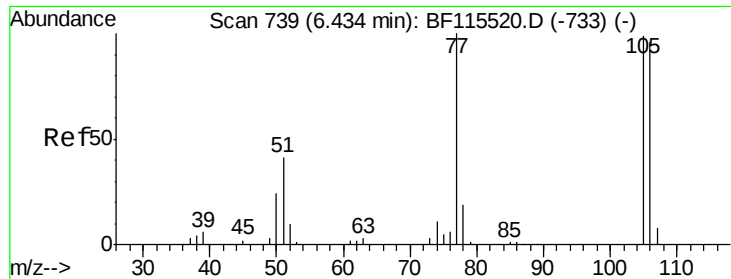
130 33.2 12.8 52.8

64 46.6 26.8 66.8



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: 23.897 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

ClientSampleId :

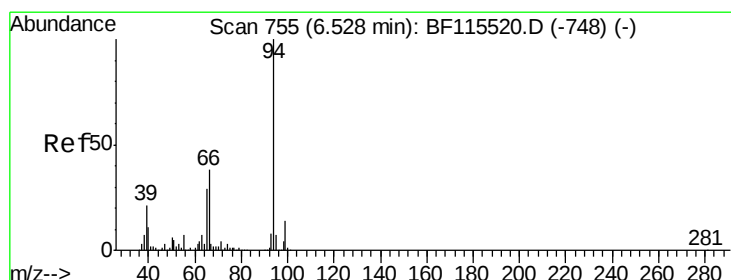
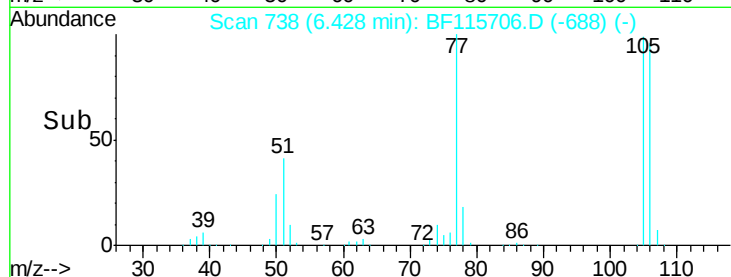
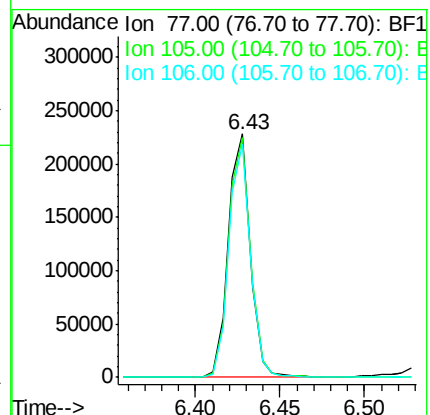
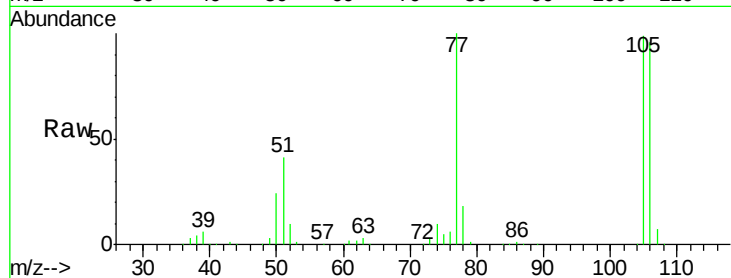
Tot Ion: 77 Resp: 207900

Ion Ratio Lower Upper

77 100

105 98.7 78.8 118.8

106 95.6 75.6 115.6



#10

Phenol

Concen: 38.352 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

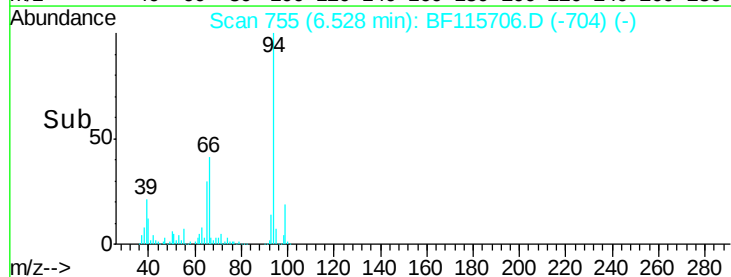
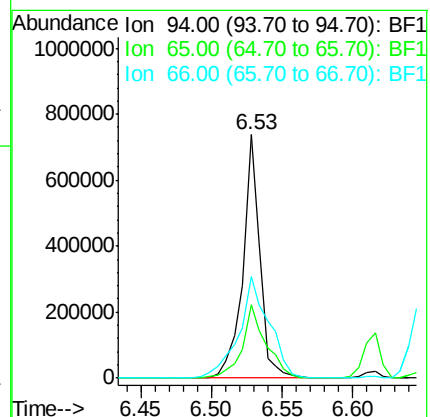
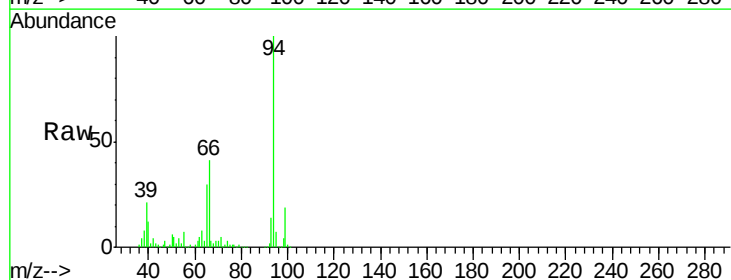
Tgt Ion: 94 Resp: 619820

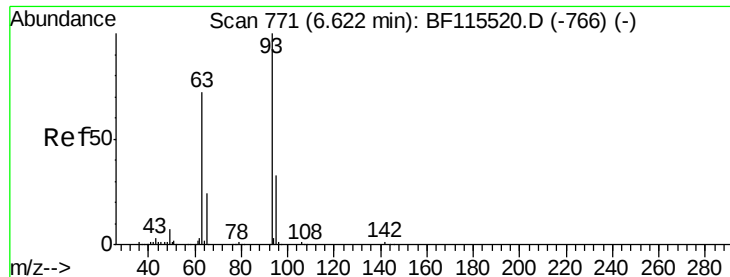
Ion Ratio Lower Upper

94 100

65 30.1 14.5 54.5

66 41.5 31.3 71.3

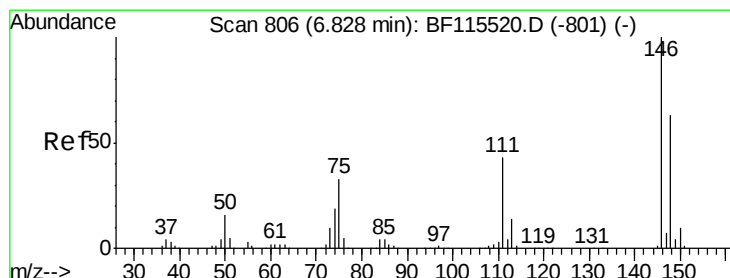
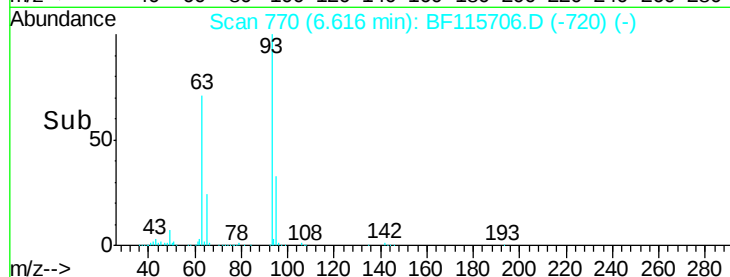
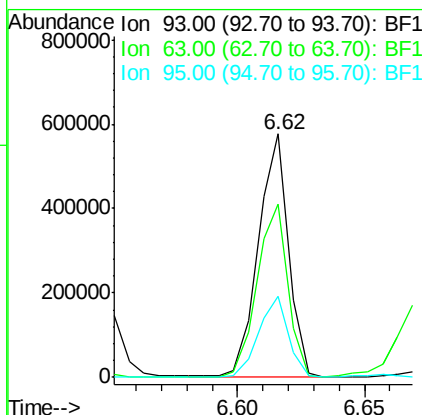
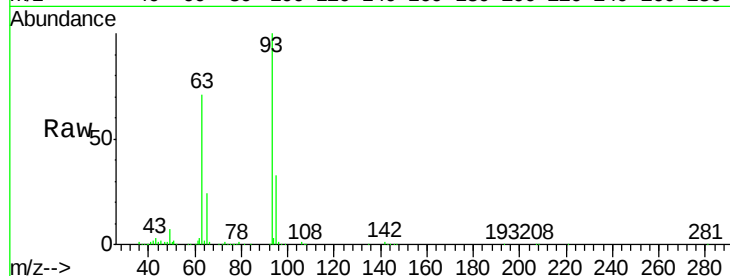




#11
bis(2-Chloroethyl)ether
Concen: 38.739 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

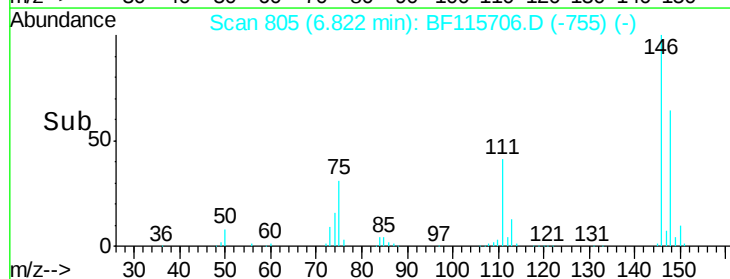
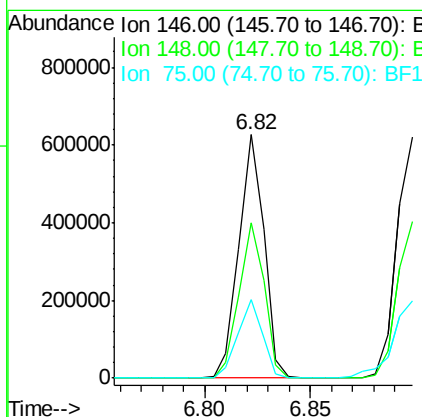
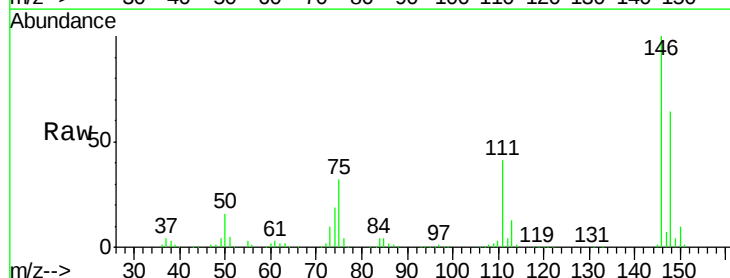
Instrument :
BNA_F
ClientSampleId :

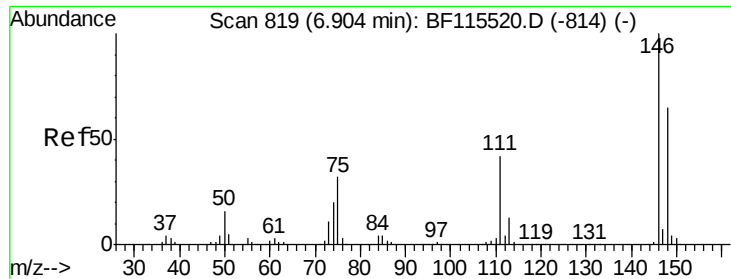
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.0	52.2	92.2
95	33.4	12.9	52.9



#12
1,3-Dichlorobenzene
Concen: 36.405 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.1	78.1
75	32.1	24.9	37.3

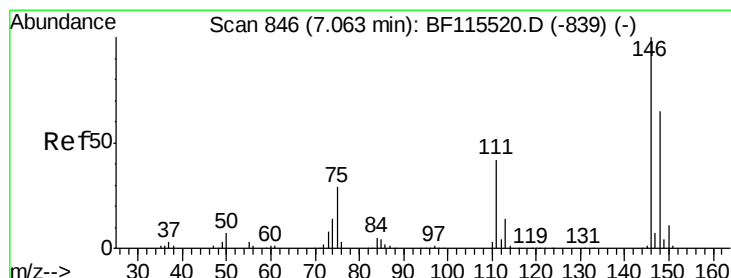
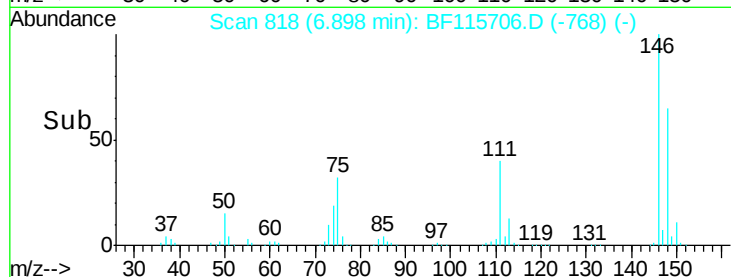
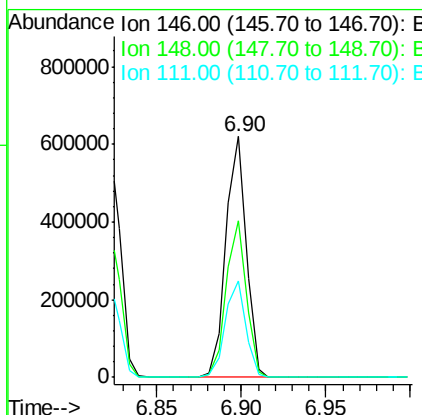
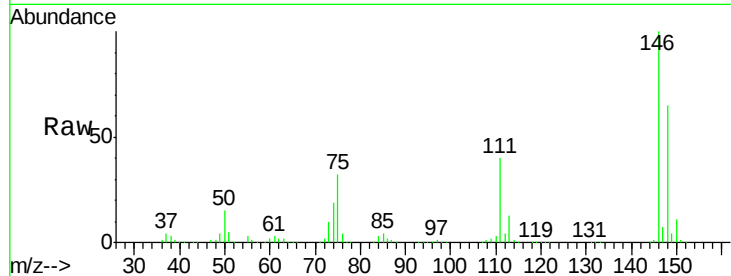




#13
 1,4-Dichlorobenzene
 Concen: 36.835 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF115706.D
 Acq: 22 Jul 2019 13:46

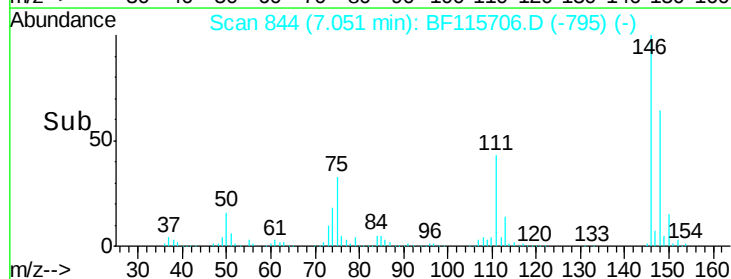
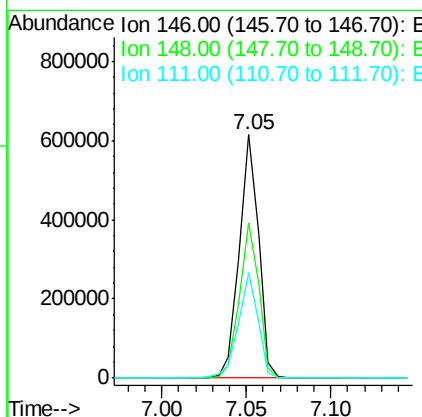
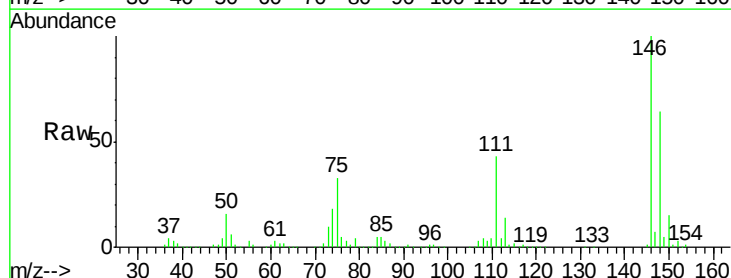
Instrument :
 BNA_F
 ClientSampleId :

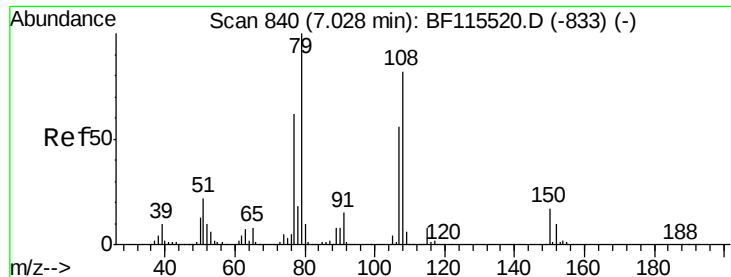
Tot Ion:146 Resp: 521234
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.8 77.6
 111 40.2 35.5 53.3



#14
 1,2-Dichlorobenzene
 Concen: 37.683 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF115706.D
 Acq: 22 Jul 2019 13:46

Tgt Ion:146 Resp: 487451
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.1 76.7
 111 43.1 37.6 56.4





#15

Benzyl Alcohol

Concen: 36.711 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

ClientSampleId :

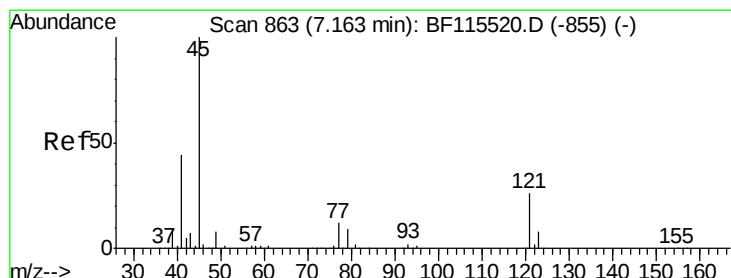
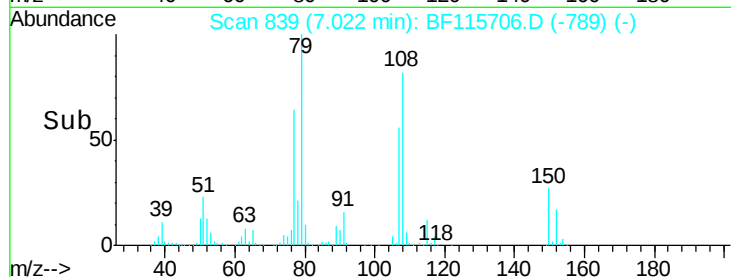
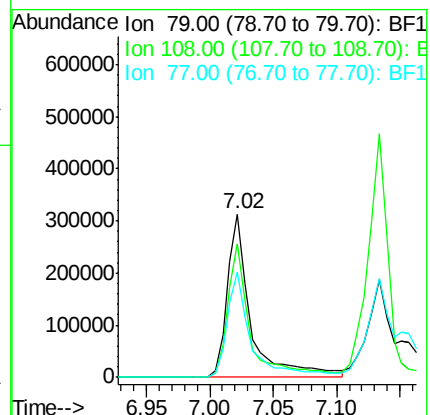
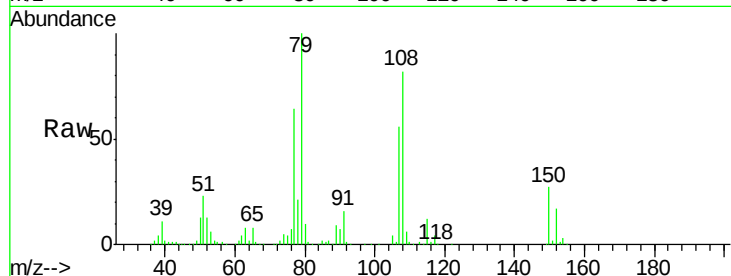
Tot Ion: 79 Resp: 405430

Ion Ratio Lower Upper

79 100

108 81.9 64.2 96.4

77 64.4 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.794 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

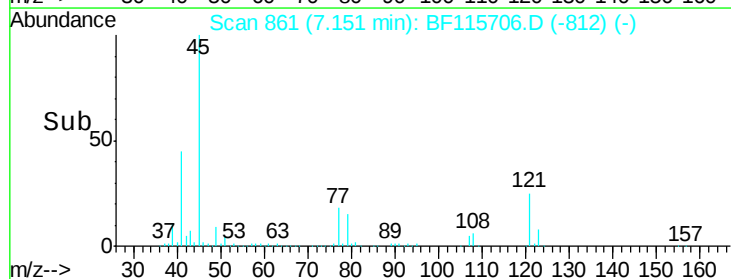
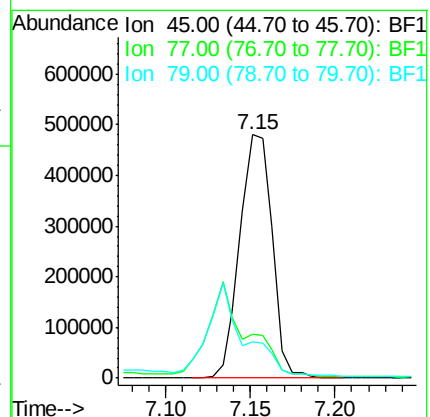
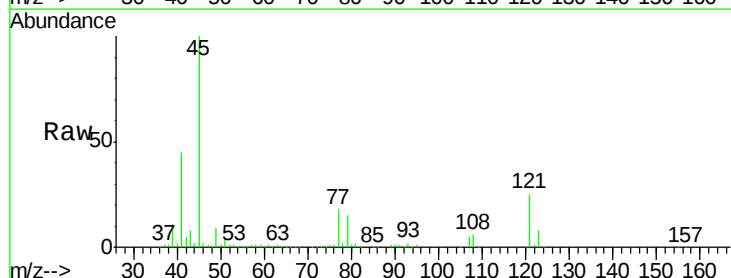
Tgt Ion: 45 Resp: 644632

Ion Ratio Lower Upper

45 100

77 18.2 0.0 38.1

79 14.7 0.0 34.1

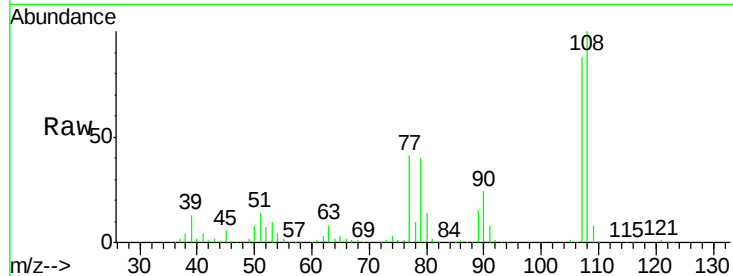




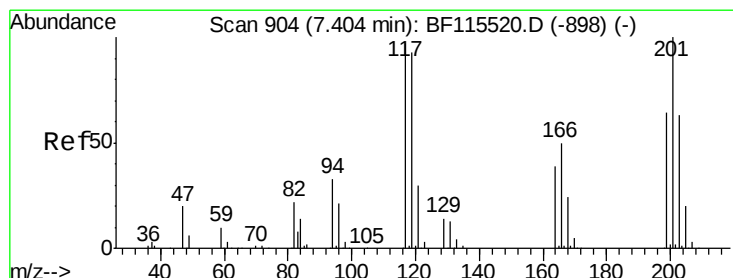
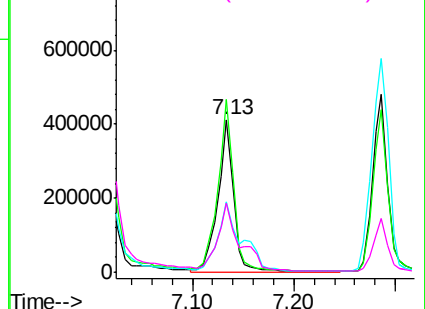
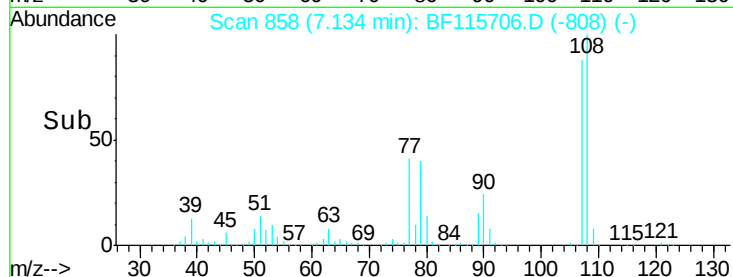
#17
2-Methylphenol
Concen: 41.768 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 454054
Ion Ratio Lower Upper
107 100
108 113.2 89.4 134.2
77 46.2 35.7 53.5
79 45.3 35.0 52.4

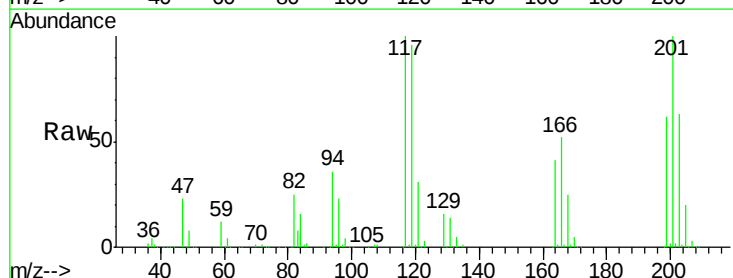


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

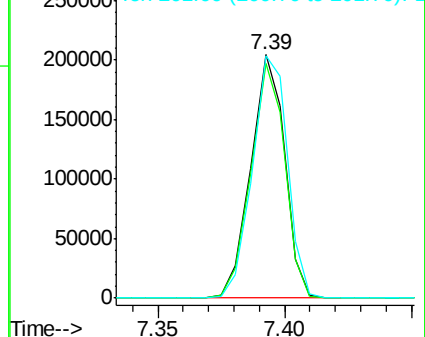
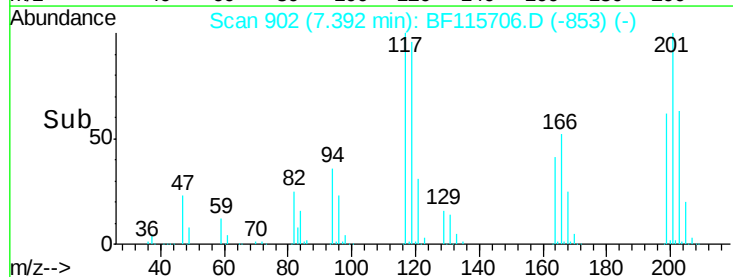


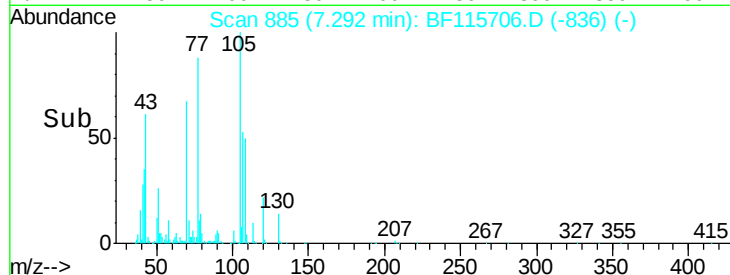
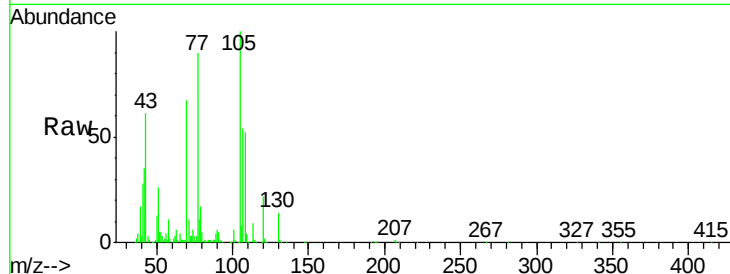
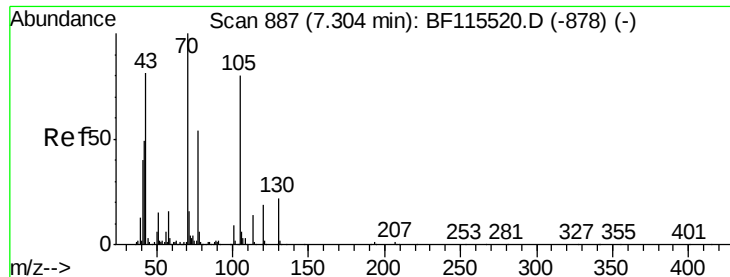
#18
Hexachloroethane
Concen: 36.243 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion:117 Resp: 190358
Ion Ratio Lower Upper
117 100
119 96.4 77.7 116.5
201 99.6 86.0 129.0



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

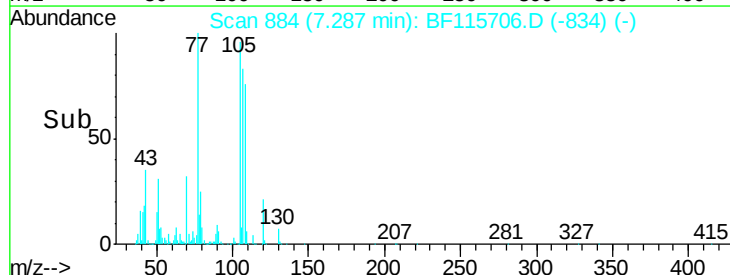
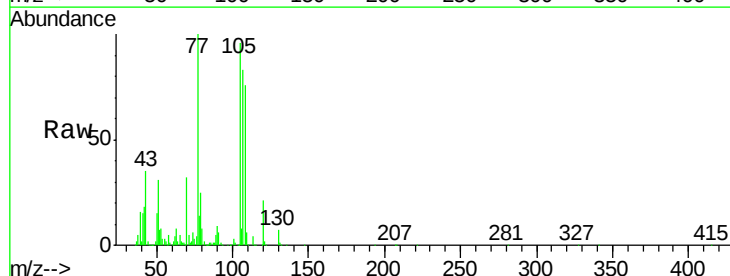
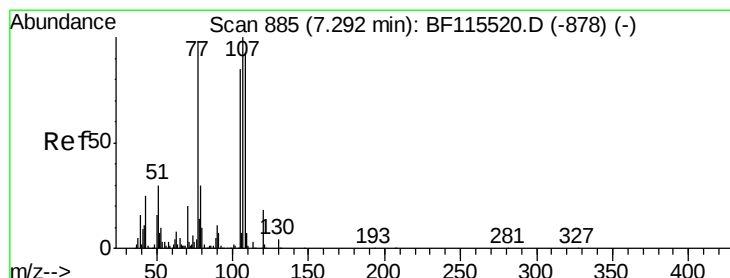
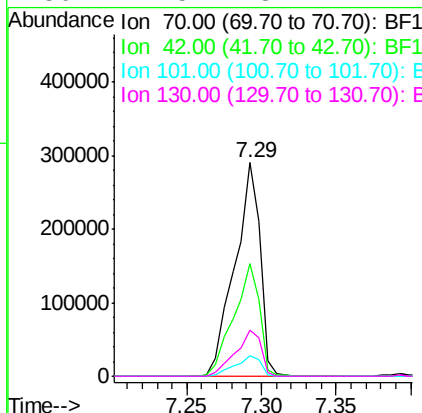




#19
n-Nitroso-di-n-propylamine
Concen: 37.964 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

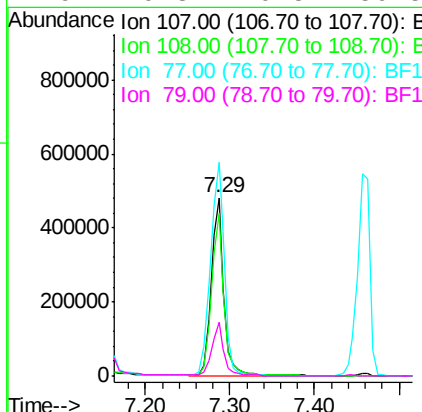
Instrument :
BNA_F
ClientSampleId :

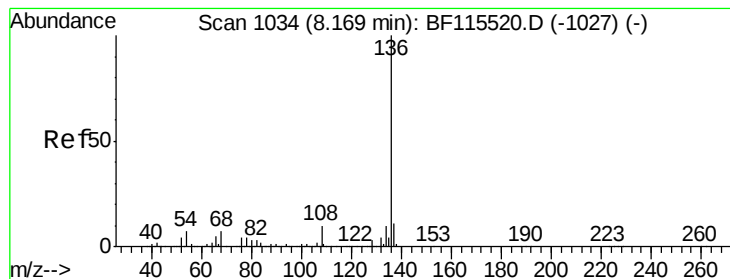
Tot Ion: 70 Resp: 344692
Ion Ratio Lower Upper
70 100
42 53.0 39.6 59.4
101 9.7 8.1 12.1
130 21.5 18.2 27.2



#20
3+4-Methylphenols
Concen: 39.409 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion: 107 Resp: 508872
Ion Ratio Lower Upper
107 100
108 91.3 72.9 112.9
77 119.8 77.6 117.6#
79 29.8 10.5 50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 742994

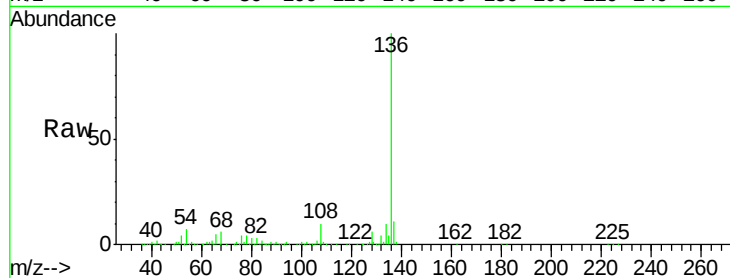
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.9 5.6 8.4

68 6.2 5.0 7.6

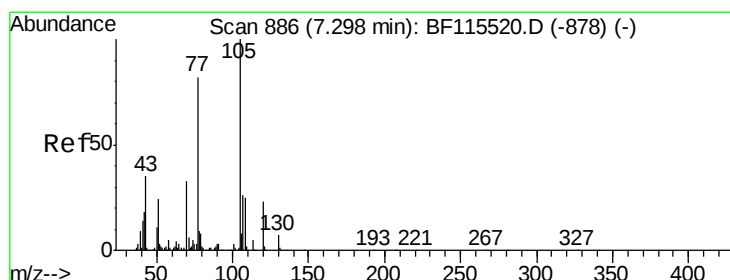
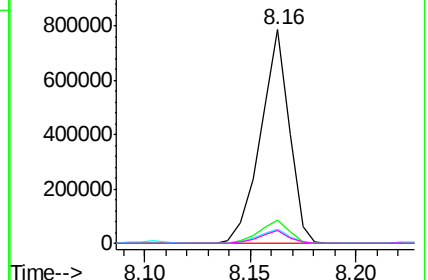
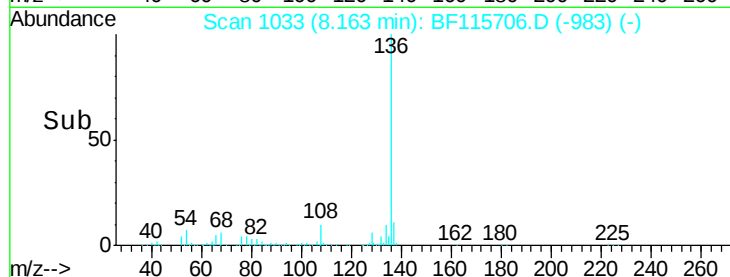


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.289 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Tgt Ion:105 Resp: 676256

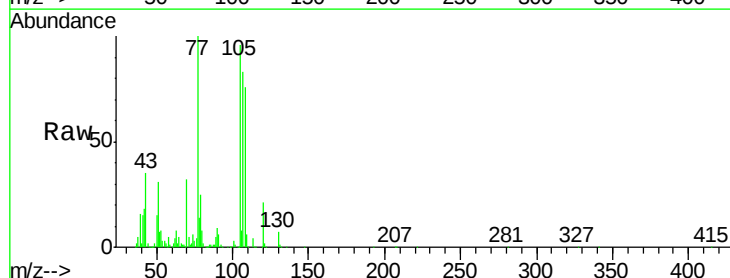
Ion Ratio Lower Upper

105 100

71 5.6 3.5 5.3#

51 32.4 25.6 38.4

120 22.4 17.9 26.9

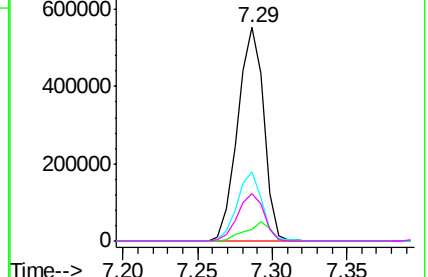
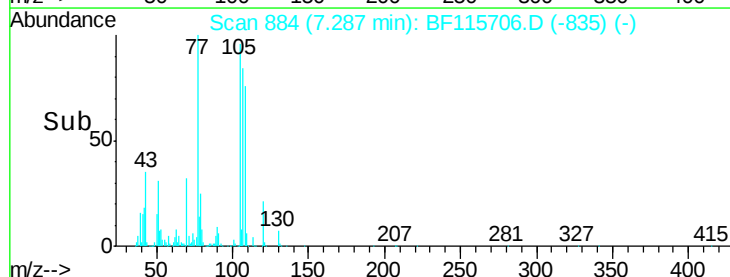


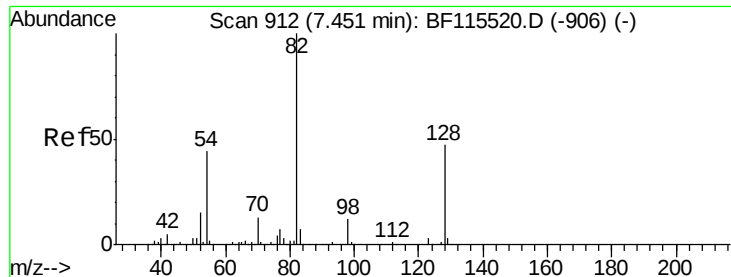
Abundance Ion 105.00 (104.70 to 105.70): E

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

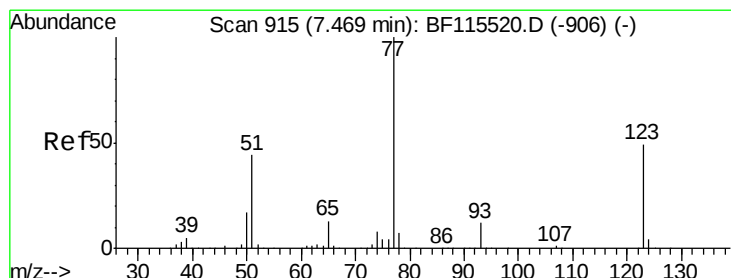
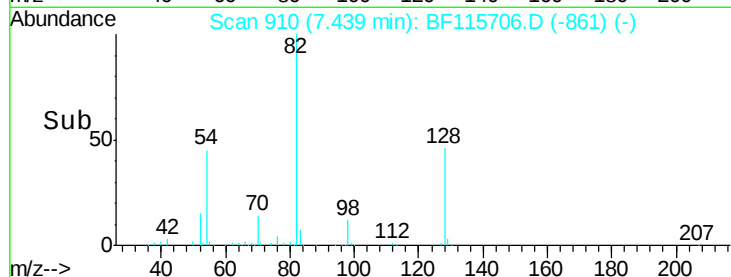
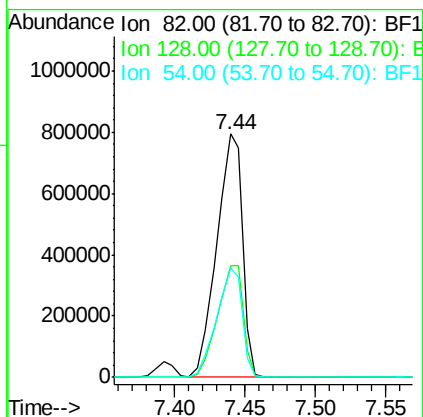
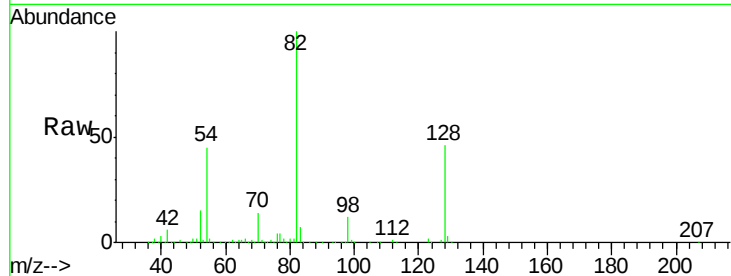




#23
Nitrobenzene-d5
Concen: 78.206 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

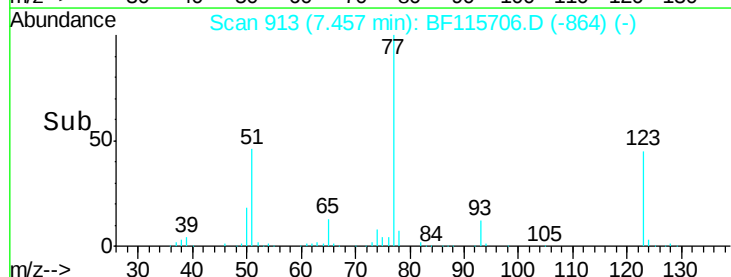
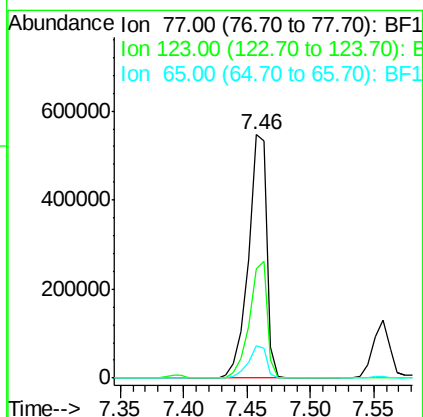
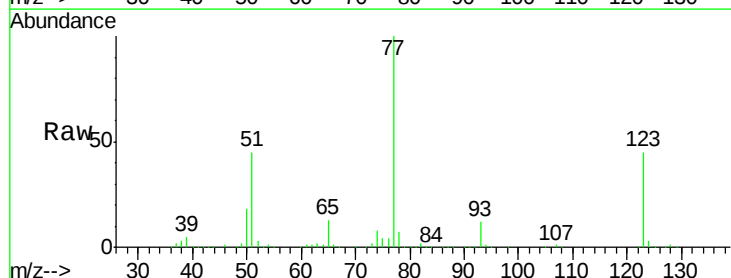
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 999306
Ion Ratio Lower Upper
82 100
128 46.1 38.6 57.8
54 44.9 35.6 53.4



#24
Nitrobenzene
Concen: 40.058 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion: 77 Resp: 552083
Ion Ratio Lower Upper
77 100
123 44.7 40.0 60.0
65 13.2 11.0 16.4





#25

Isophorone

Concen: 39.323 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

ClientSampleId :

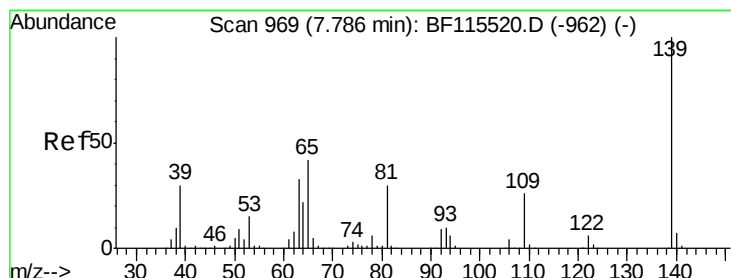
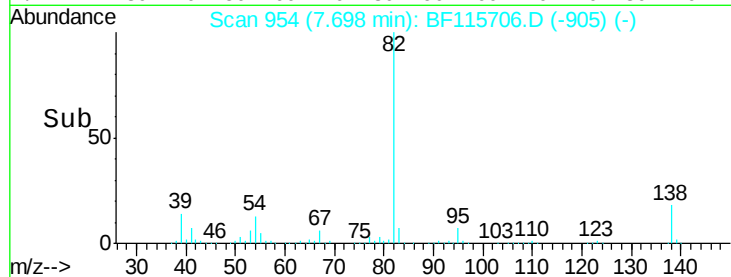
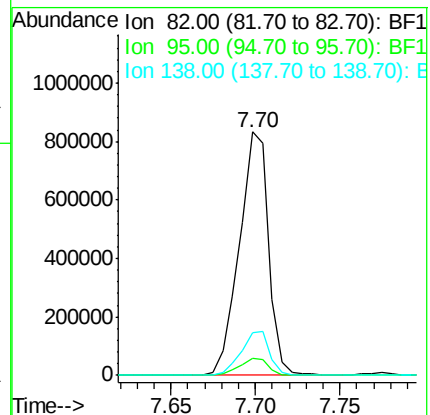
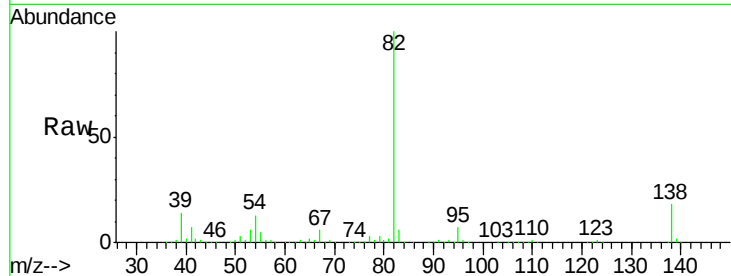
Tot Ion: 82 Resp: 1005439

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

138 17.5 14.9 22.3



#26

2-Nitrophenol

Concen: 39.725 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

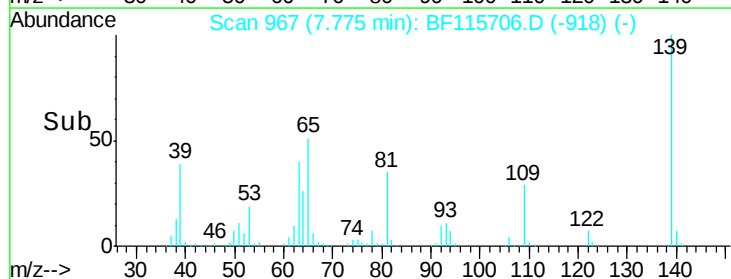
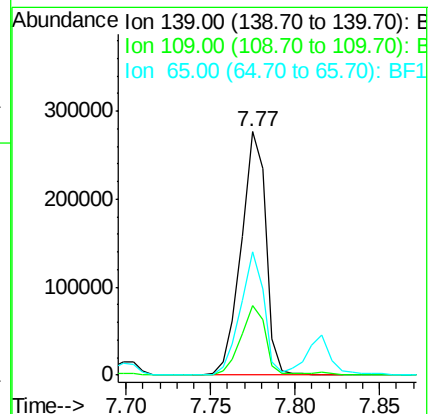
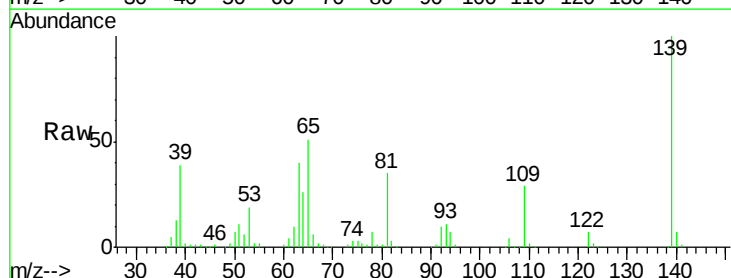
Tgt Ion: 139 Resp: 281806

Ion Ratio Lower Upper

139 100

109 28.6 23.3 34.9

65 50.8 37.9 56.9

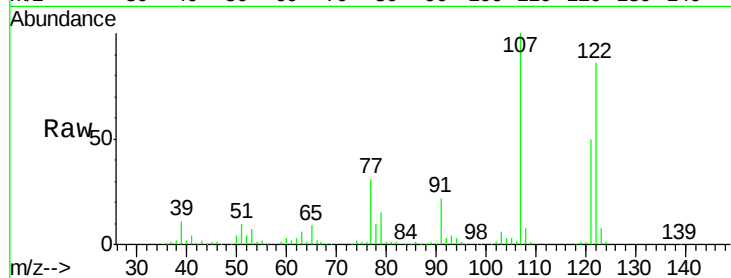




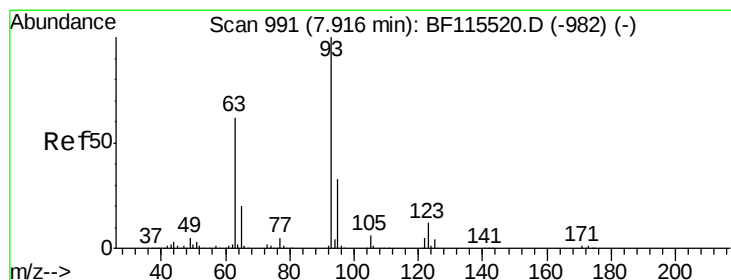
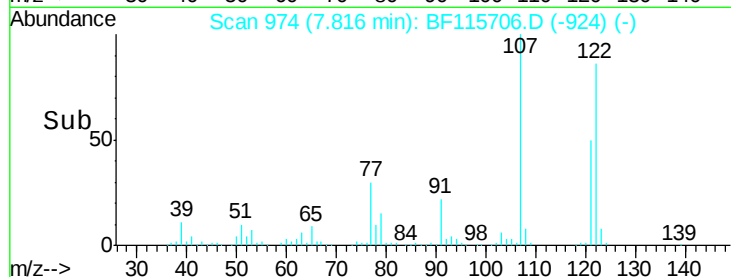
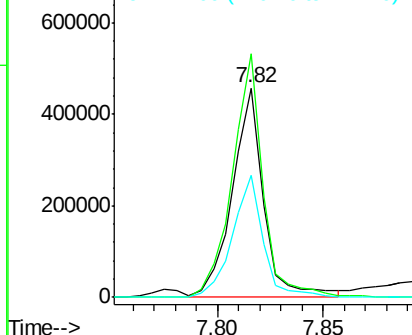
#27
2,4-Dimethylphenol
Concen: 44.025 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 467290
Ion Ratio Lower Upper
122 100
107 116.2 92.9 139.3
121 58.5 46.9 70.3

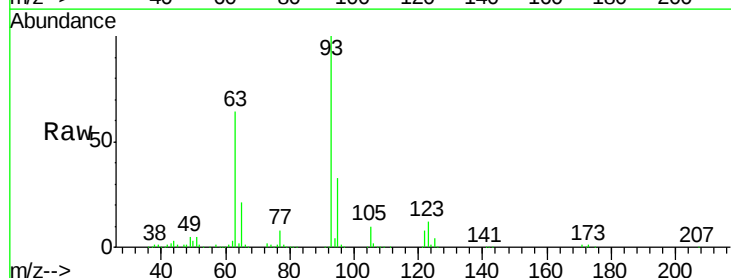


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

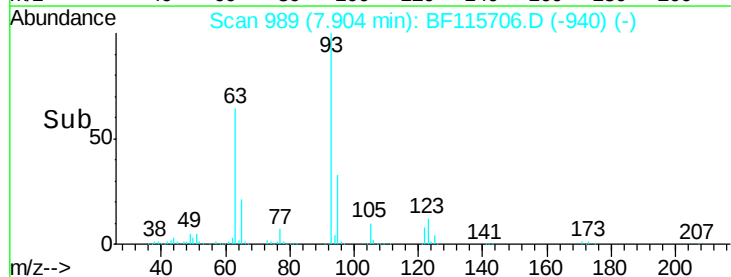
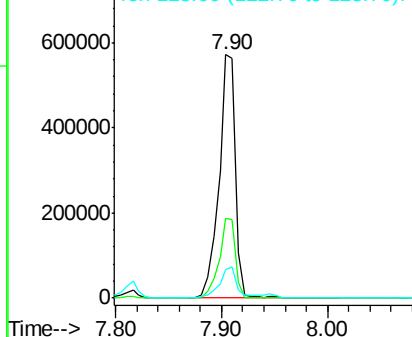


#28
bis(2-Chloroethoxy)methane
Concen: 39.714 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion: 93 Resp: 622955
Ion Ratio Lower Upper
93 100
95 32.8 27.0 40.4
123 11.9 9.9 14.9



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

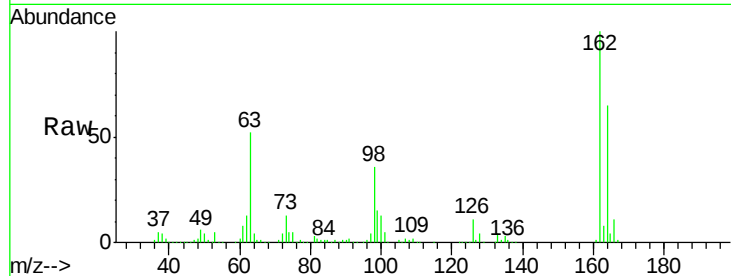




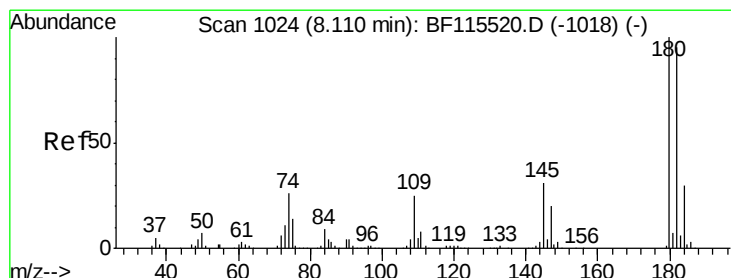
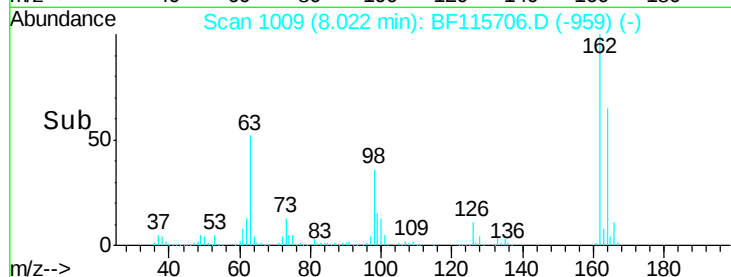
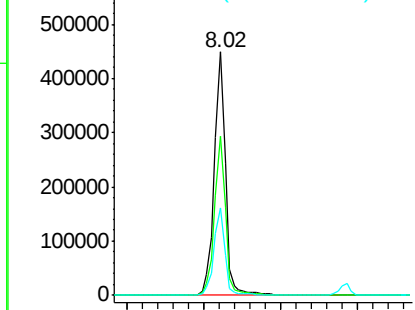
#29
2,4-Dichlorophenol
Concen: 40.166 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.9	84.9
98	36.0	17.7	57.7

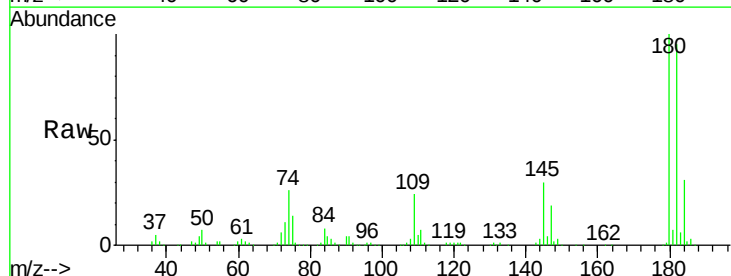


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

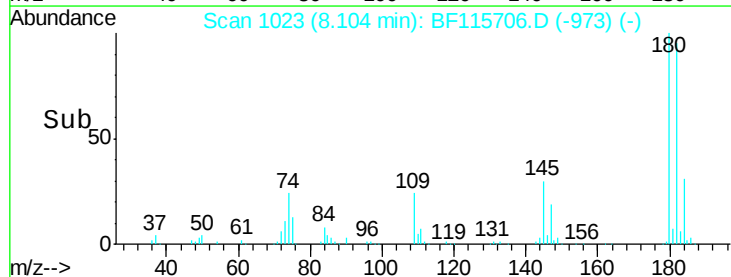
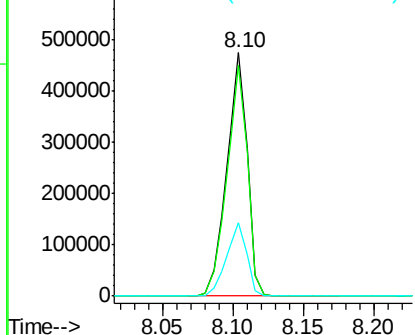


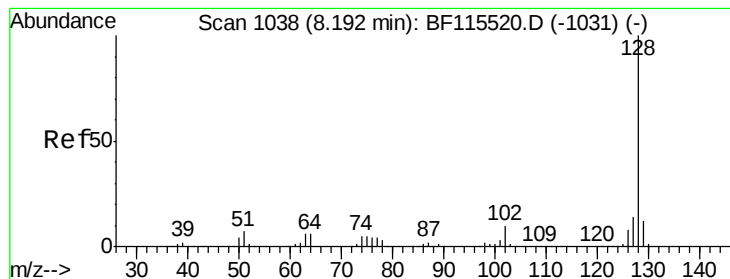
#30
1,2,4-Trichlorobenzene
Concen: 38.011 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.0	112.6
145	29.9	25.1	37.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.997 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

ClientSampleId :

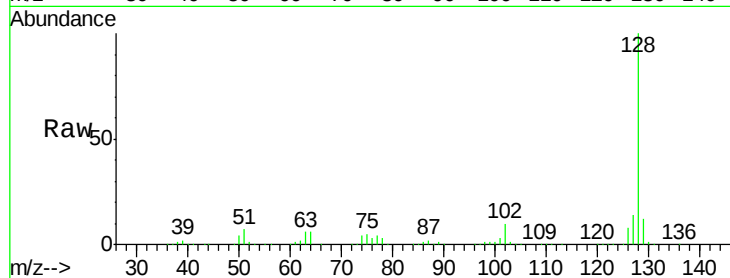
Tot Ion:128 Resp: 1439215

Ion Ratio Lower Upper

128 100

129 11.7 9.9 14.9

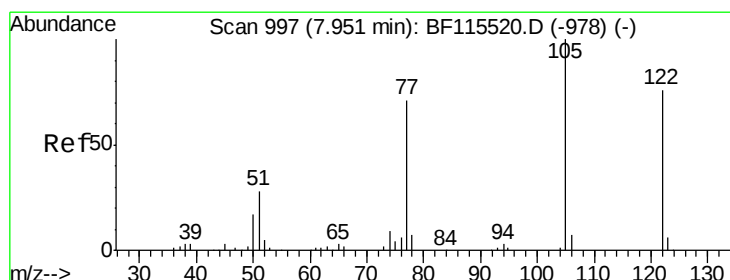
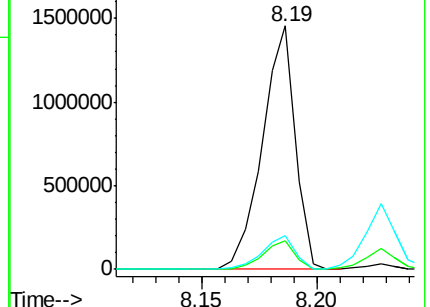
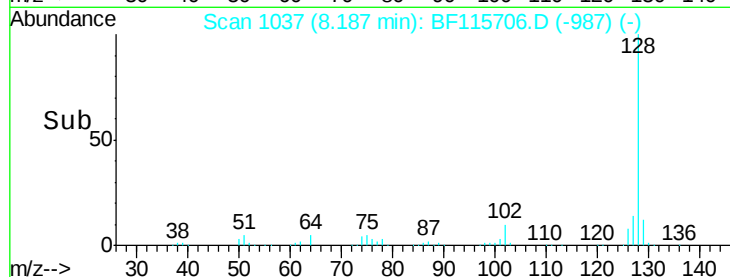
127 13.9 12.1 18.1



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: 37.308 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

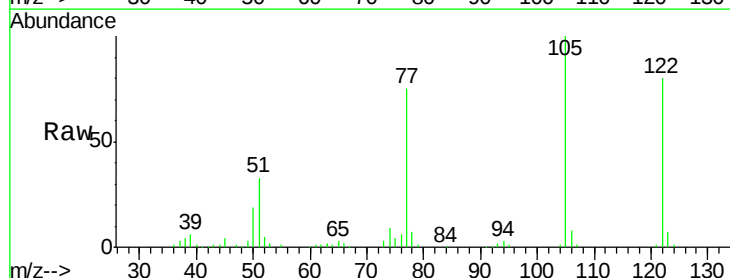
Tgt Ion:122 Resp: 324979

Ion Ratio Lower Upper

122 100

105 125.0 102.5 142.5

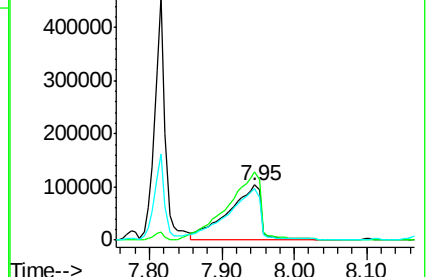
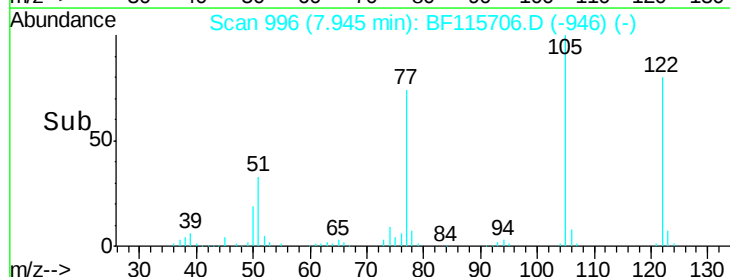
77 94.0 70.2 110.2



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

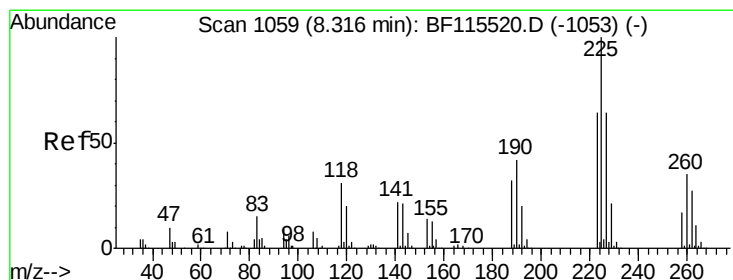
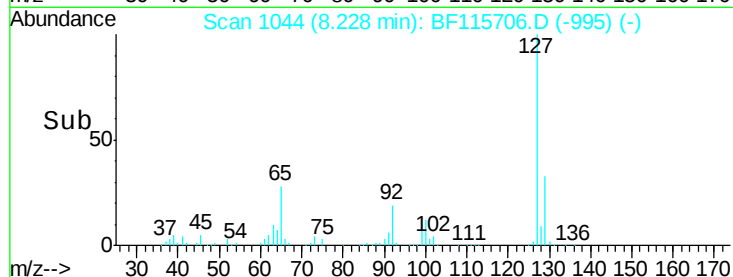
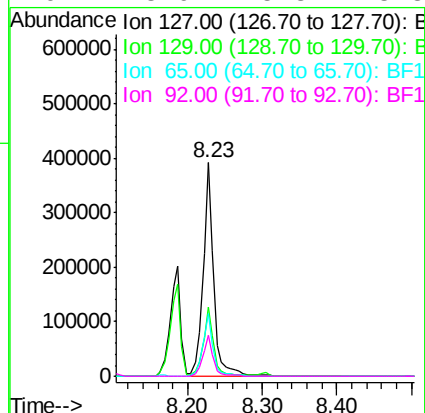
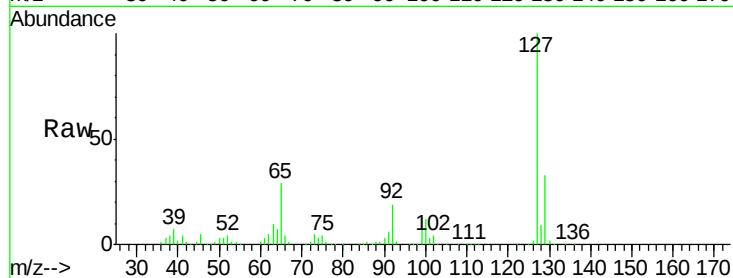




#33
4-Chloroaniline
Concen: 24.617 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

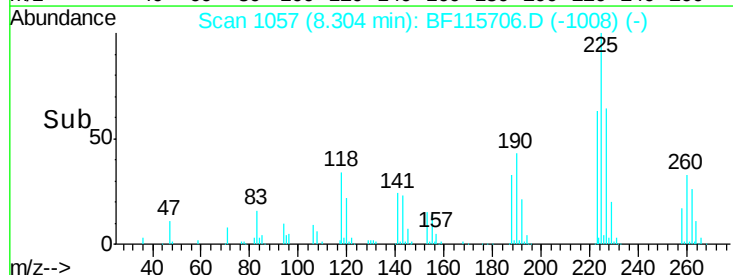
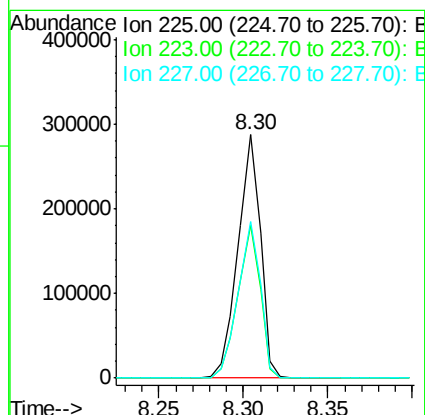
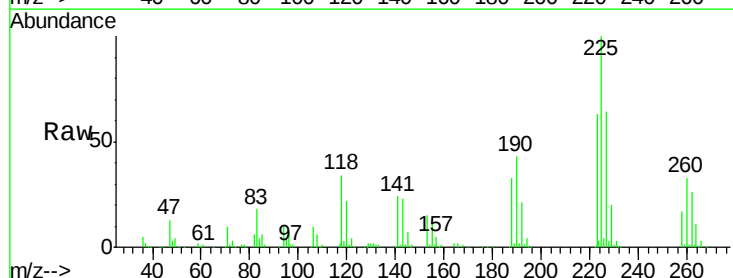
Instrument :
BNA_F
ClientSampleId :

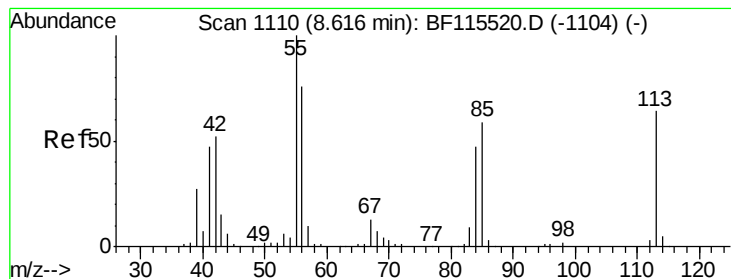
Tot Ion:	127	Resp:	392366
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.6	39.8
65	29.4	23.7	35.5
92	18.9	15.8	23.8



#34
Hexachlorobutadiene
Concen: 37.212 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion:	225	Resp:	266274
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.9	76.3
227	64.2	50.7	76.1





#35

Caprolactam

Concen: 25.631 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.02 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

ClientSampleId :

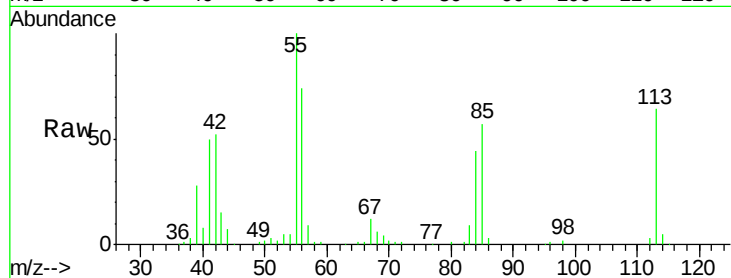
Tot Ion:113 Resp: 87430

Ion Ratio Lower Upper

113 100

55 156.9 126.9 166.9

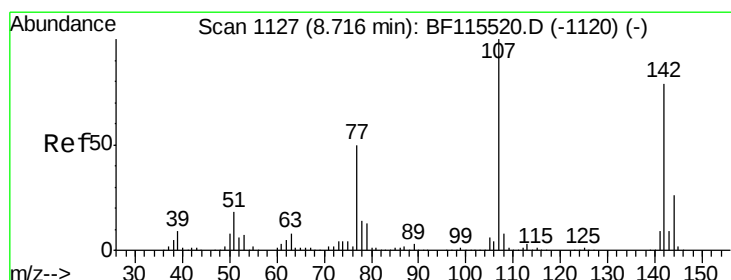
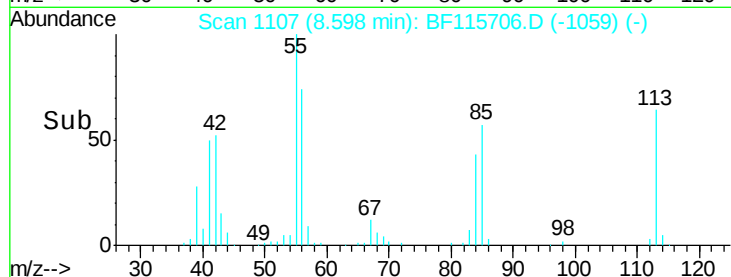
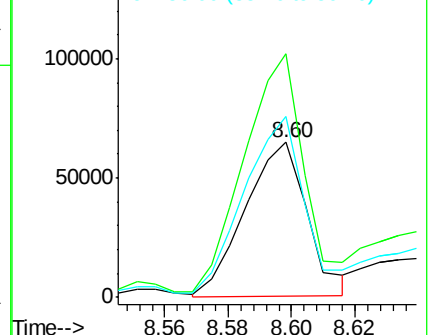
56 116.2 90.3 130.3



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: 40.489 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

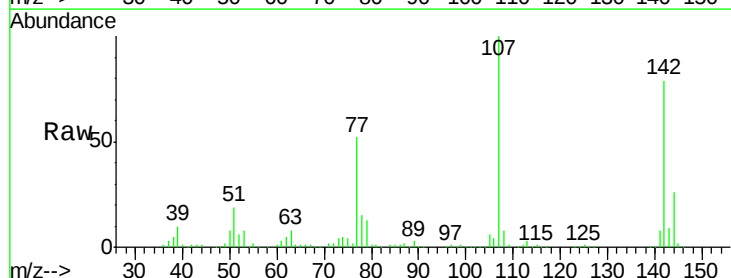
Tgt Ion:107 Resp: 463622

Ion Ratio Lower Upper

107 100

144 25.9 20.6 30.8

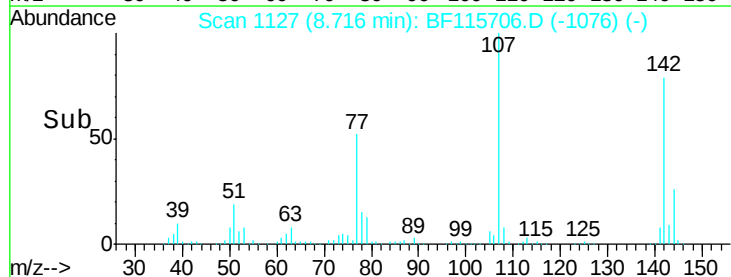
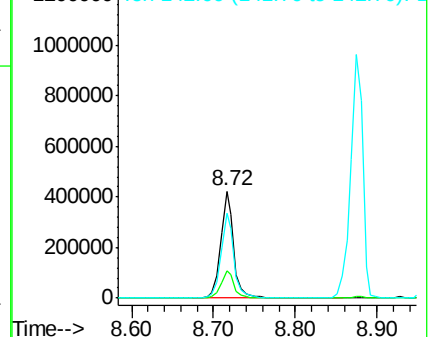
142 79.5 63.1 94.7



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

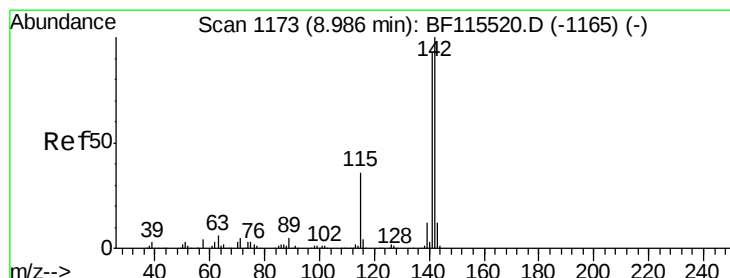
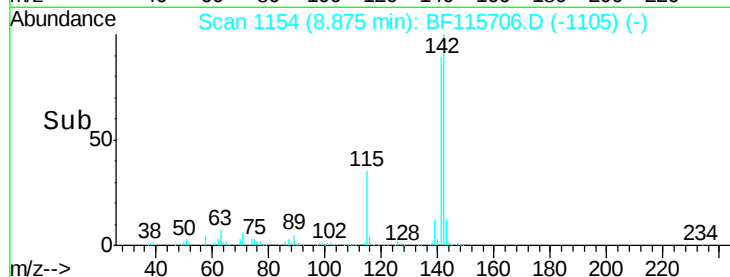
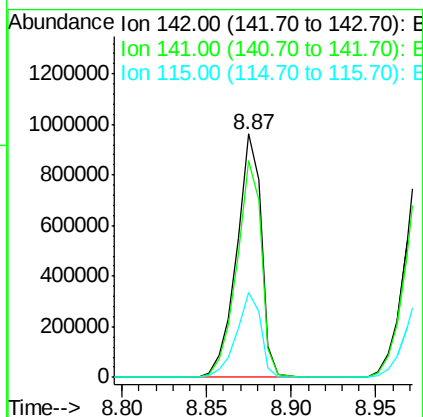
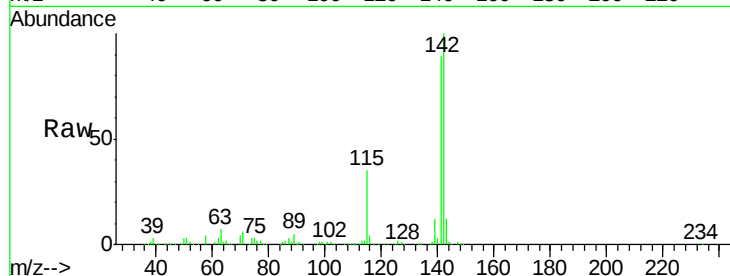




#37
2-Methylnaphthalene
Concen: 41.075 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

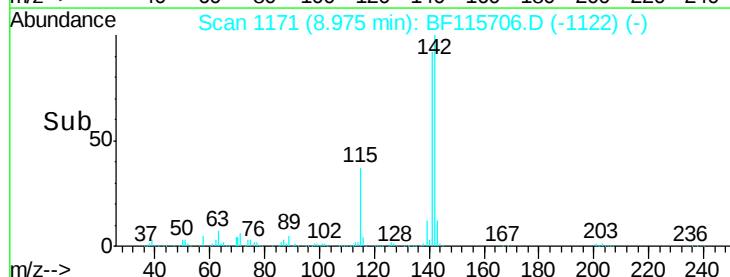
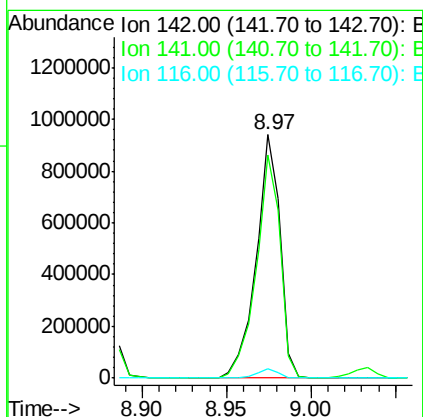
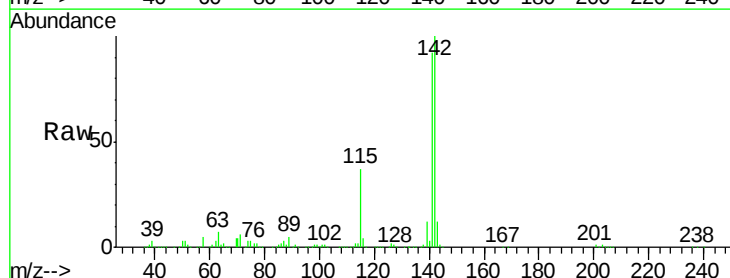
Instrument :
BNA_F
ClientSampleId :

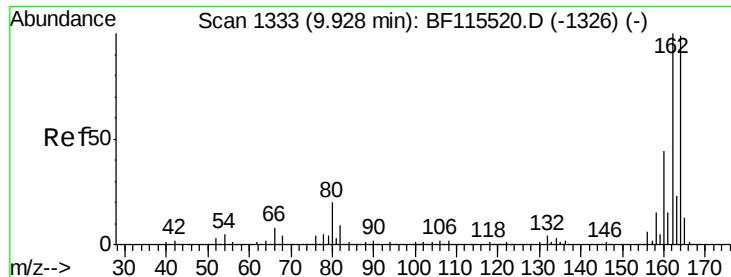
Tot Ion:142 Resp: 979727
Ion Ratio Lower Upper
142 100
141 89.2 72.0 108.0
115 35.1 29.9 44.9



#38
1-Methylnaphthalene
Concen: 40.706 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion:142 Resp: 922233
Ion Ratio Lower Upper
142 100
141 91.9 75.3 112.9
116 3.8 3.3 4.9

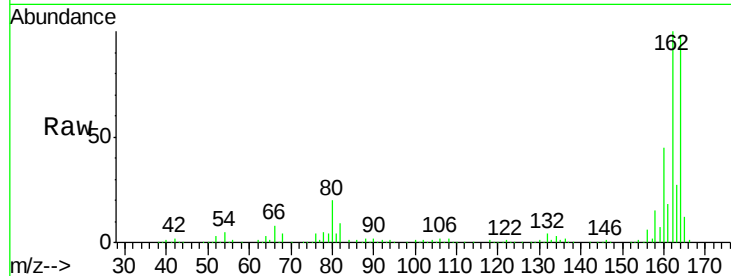




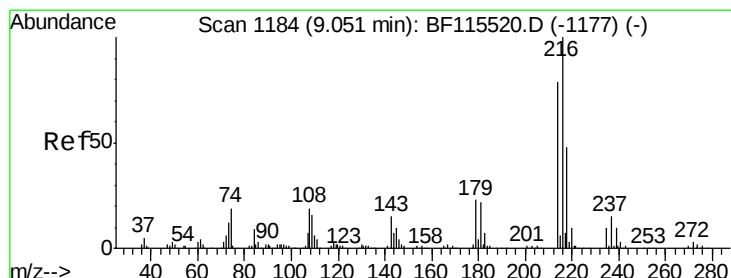
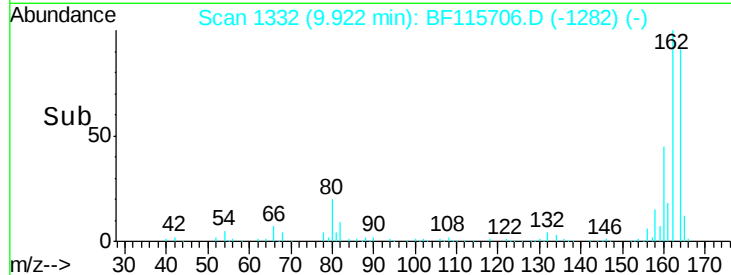
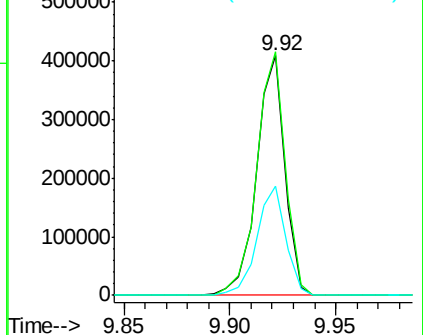
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 380194
Ion Ratio Lower Upper
164 100
162 101.7 82.9 124.3
160 45.6 36.8 55.2

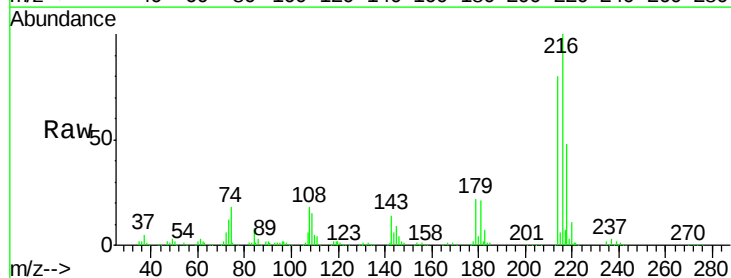


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

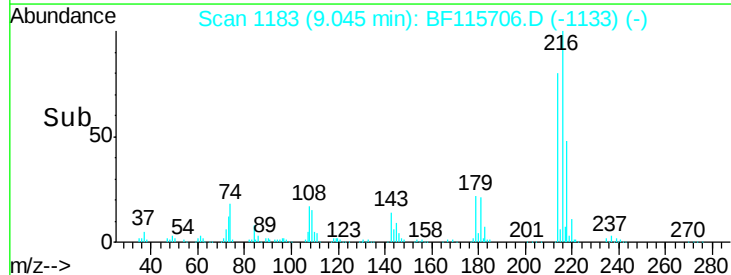
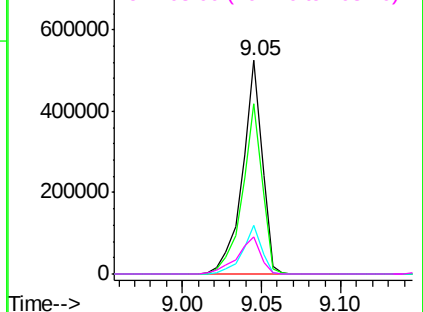


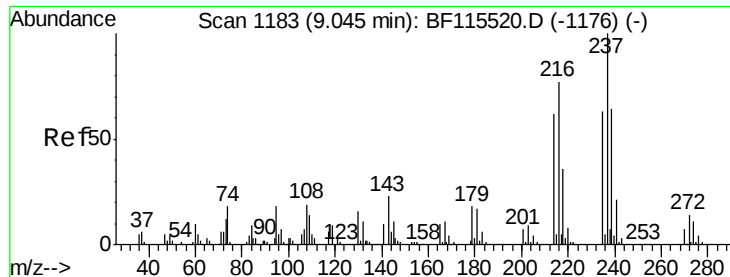
#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.099 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion:216 Resp: 447646
Ion Ratio Lower Upper
216 100
214 79.8 65.1 97.7
179 21.9 18.3 27.5
108 20.5 15.7 23.5



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

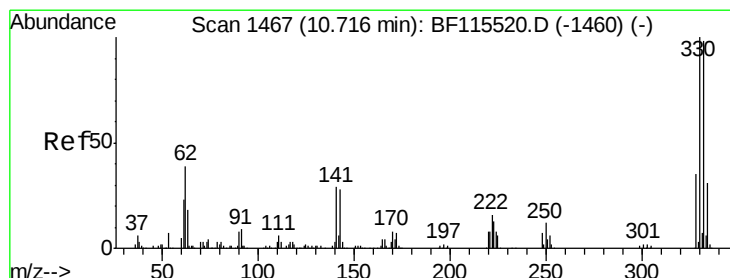
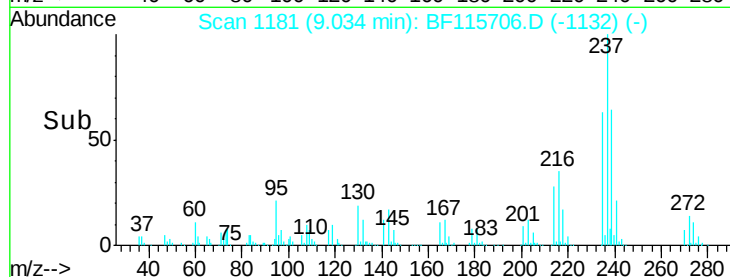
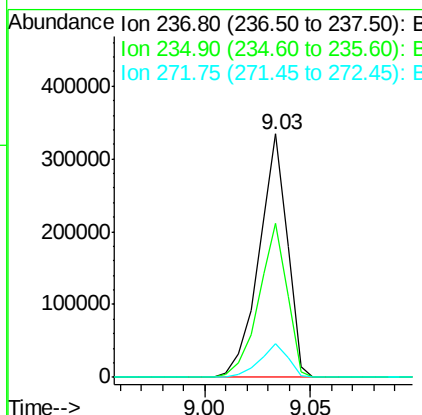
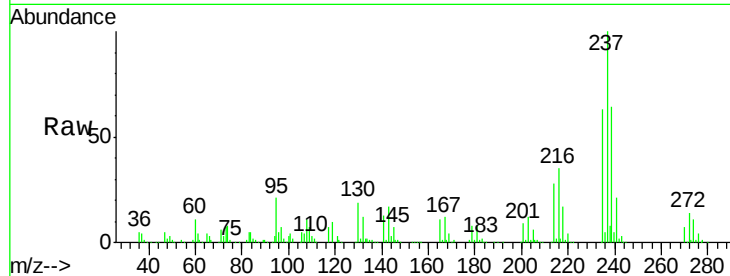




#41
Hexachlorocyclopentadiene
Concen: 47.557 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

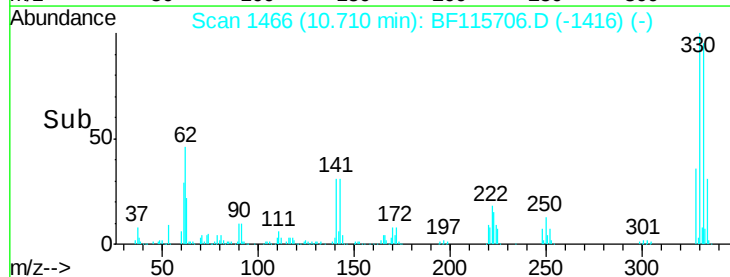
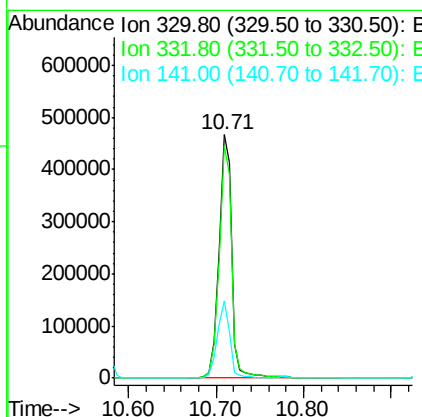
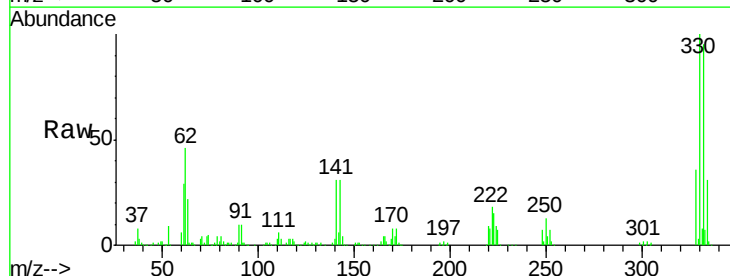
Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 310591
Ion Ratio Lower Upper
237 100
235 63.3 43.6 83.6
272 13.7 0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 107.175 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion:330 Resp: 475620
Ion Ratio Lower Upper
330 100
332 95.4 77.4 116.2
141 30.9 22.4 33.6

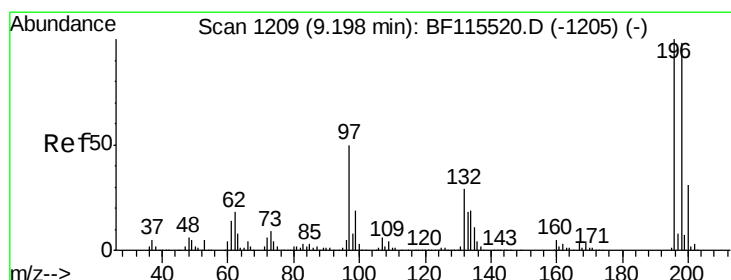
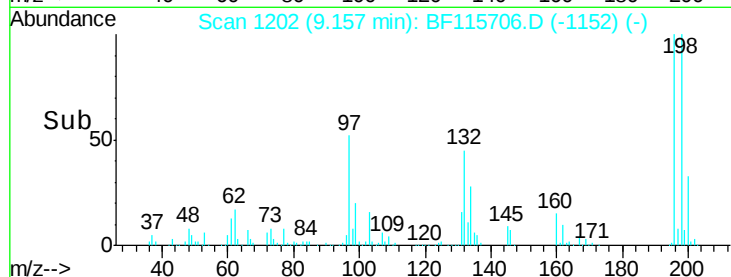
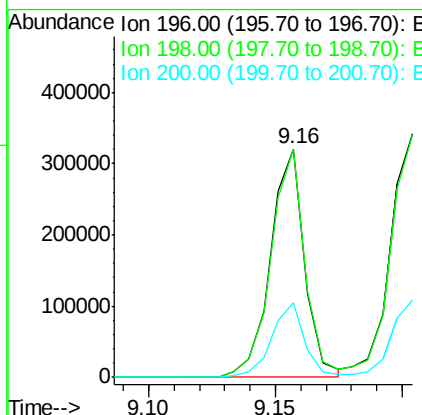
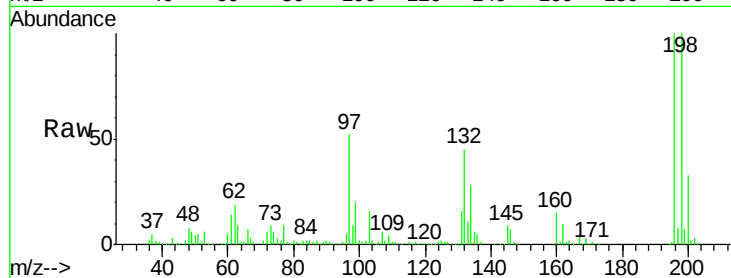




#43
 2,4,6-Trichlorophenol
 Concen: 36.231 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115706.D
 Acq: 22 Jul 2019 13:46

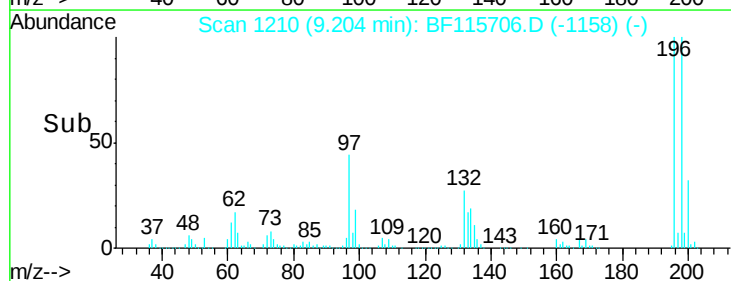
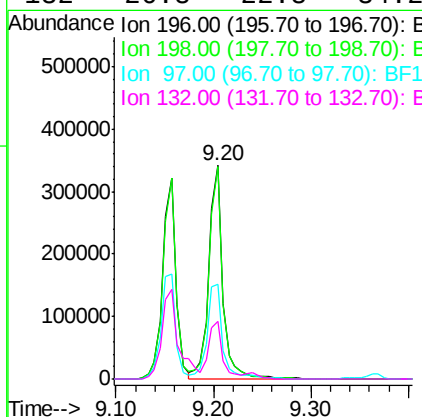
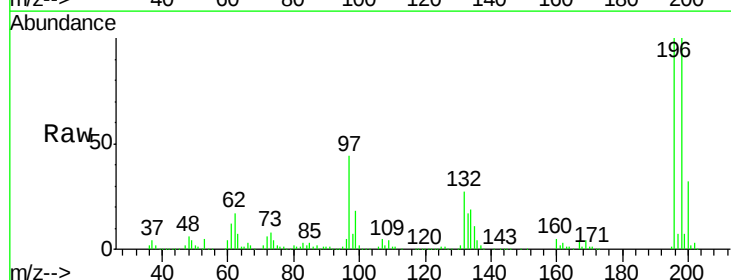
Instrument :
 BNA_F
 ClientSampleId :

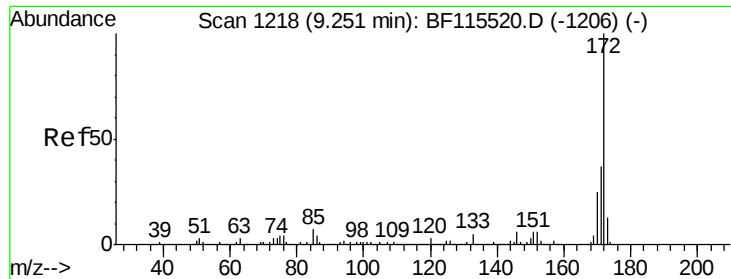
Tot Ion:196 Resp: 303350
 Ion Ratio Lower Upper
 196 100
 198 99.9 80.6 121.0
 200 32.6 25.8 38.6



#44
 2,4,5-Trichlorophenol
 Concen: 39.771 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF115706.D
 Acq: 22 Jul 2019 13:46

Tgt Ion:196 Resp: 341009
 Ion Ratio Lower Upper
 196 100
 198 99.5 79.6 119.4
 97 44.5 37.8 56.6
 132 26.8 22.8 34.2

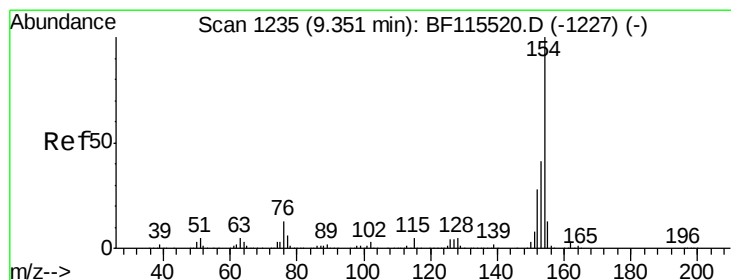
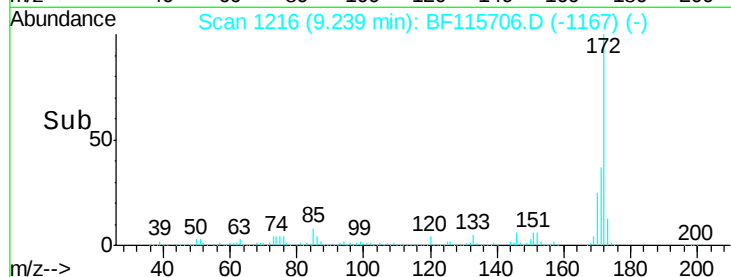
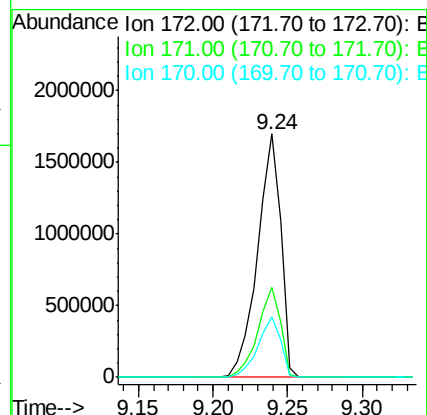
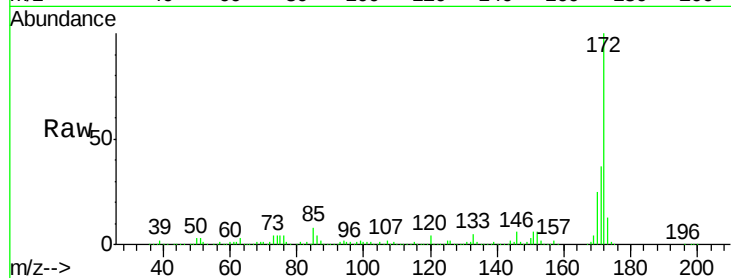




#45
2-Fluorobiphenyl
Concen: 83.407 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

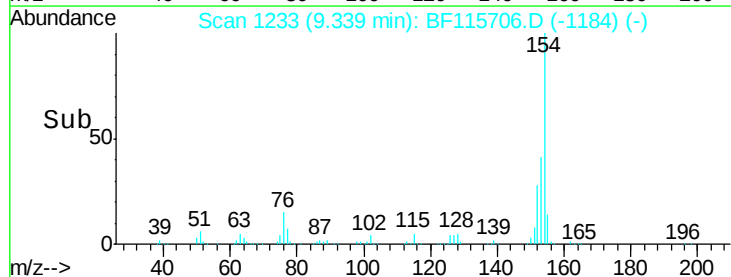
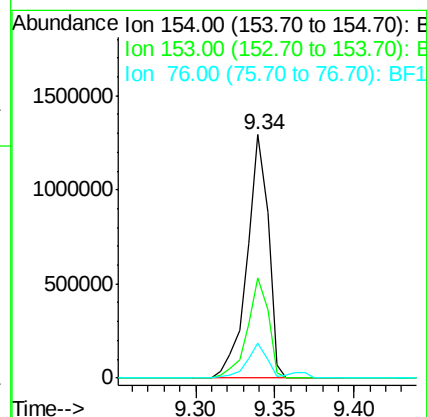
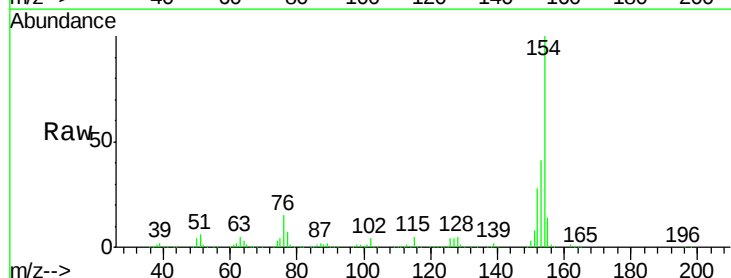
Instrument :
BNA_F
ClientSampleId :

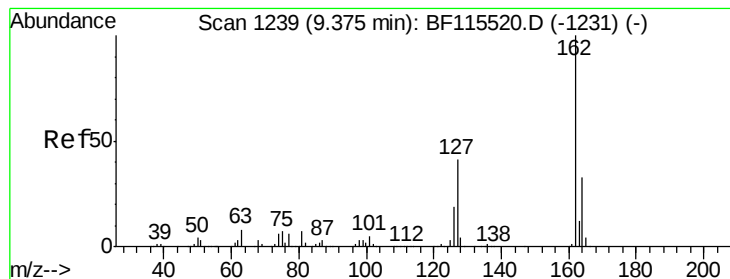
Tot Ion:172 Resp: 1811760
Ion Ratio Lower Upper
172 100
171 36.8 30.6 46.0
170 24.8 20.5 30.7



#46
1,1'-Biphenyl
Concen: 40.148 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion:154 Resp: 1193330
Ion Ratio Lower Upper
154 100
153 41.3 22.6 62.6
76 14.6 0.0 33.4





#47

2-Chloronaphthalene

Concen: 38.141 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

ClientSampleId :

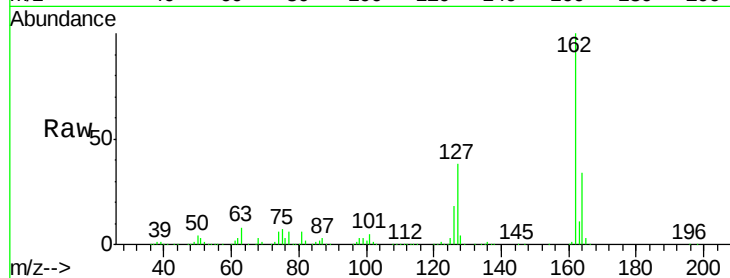
Tot Ion:162 Resp: 943950

Ion Ratio Lower Upper

162 100

127 38.4 34.1 51.1

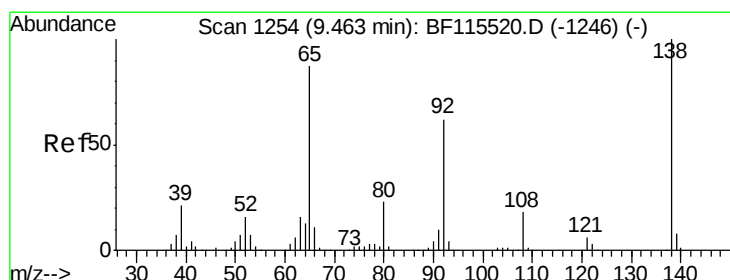
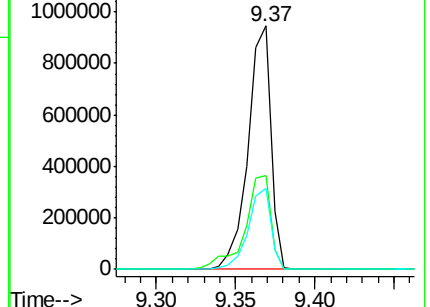
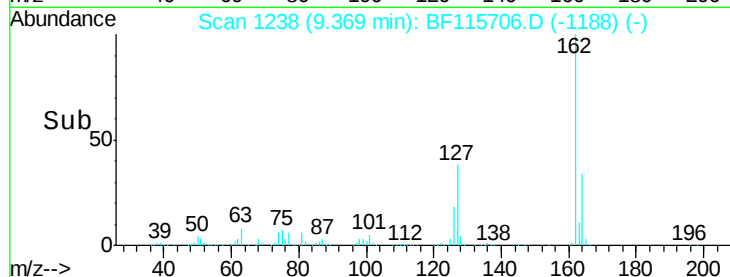
164 33.5 27.4 41.2



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: 38.063 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

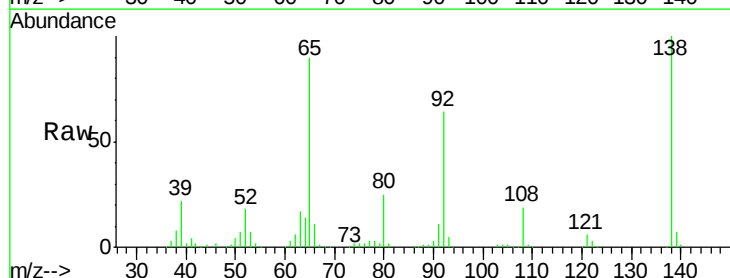
Tgt Ion: 65 Resp: 291573

Ion Ratio Lower Upper

65 100

92 71.4 57.8 86.6

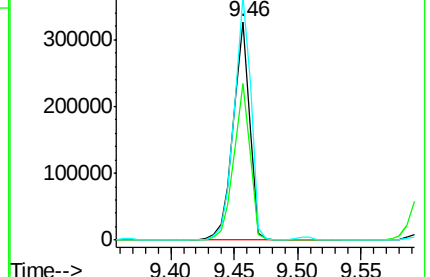
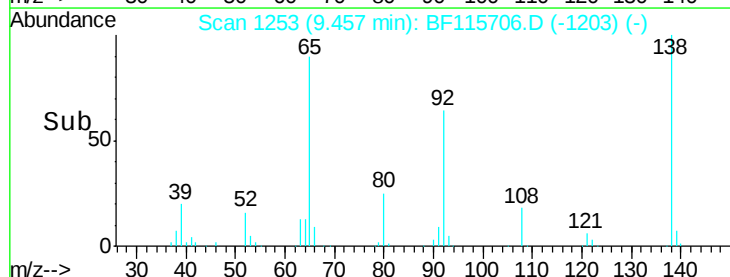
138 111.4 91.2 136.8

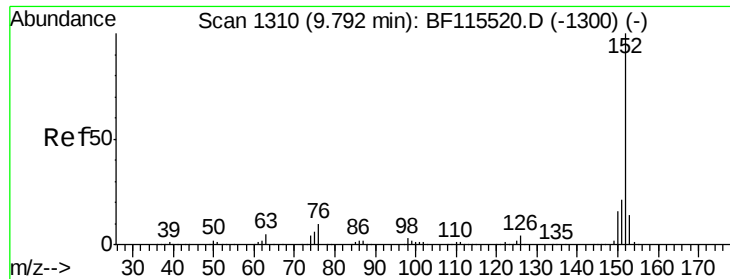


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.660 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

ClientSampleId :

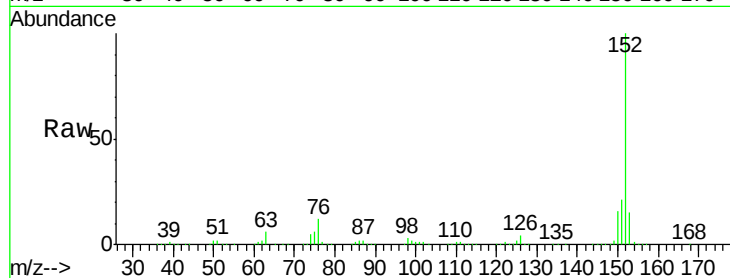
Tot Ion:152 Resp: 1417756

Ion Ratio Lower Upper

152 100

151 21.4 17.7 26.5

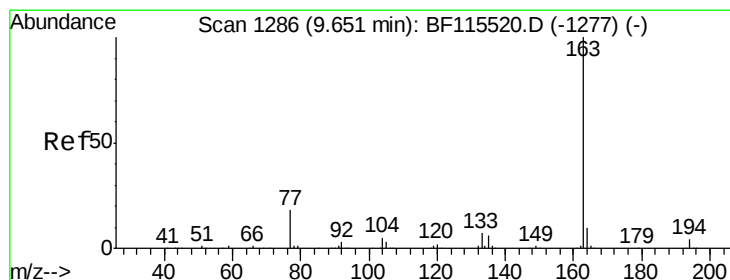
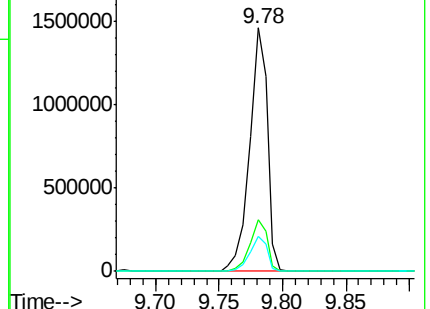
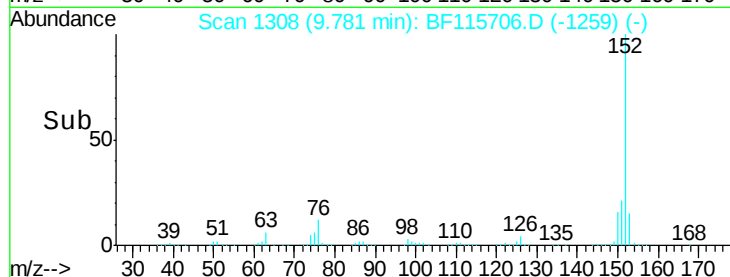
153 14.6 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.952 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

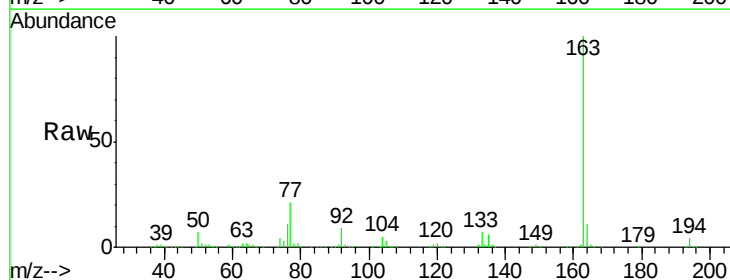
Tgt Ion:163 Resp: 1114199

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

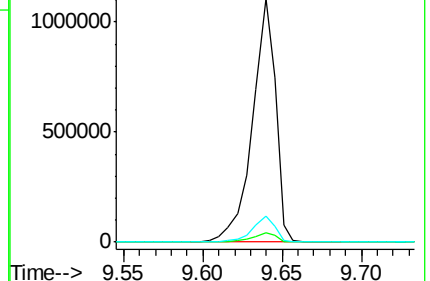
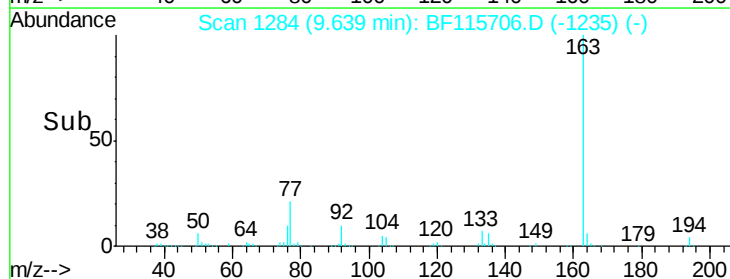
164 10.7 8.7 13.1

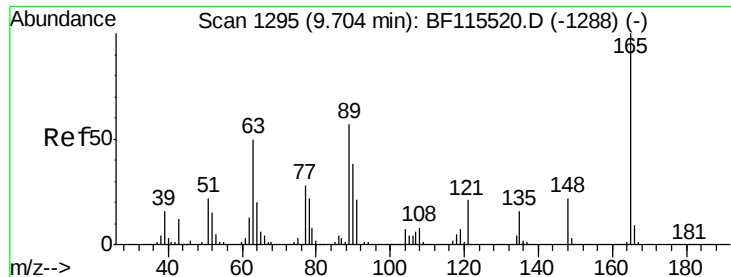


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

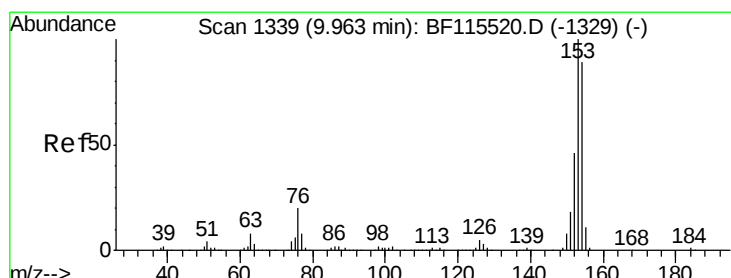
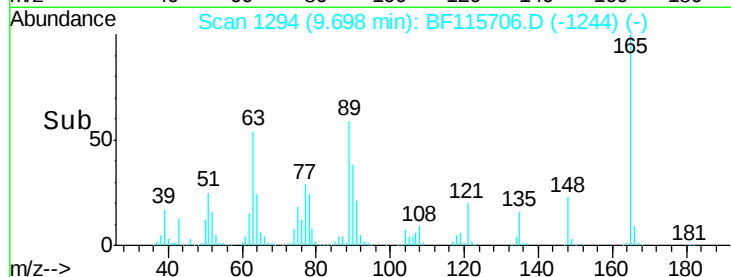
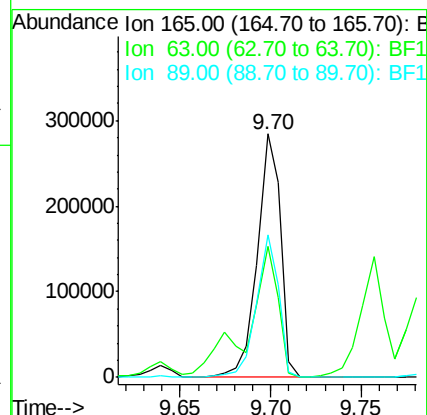
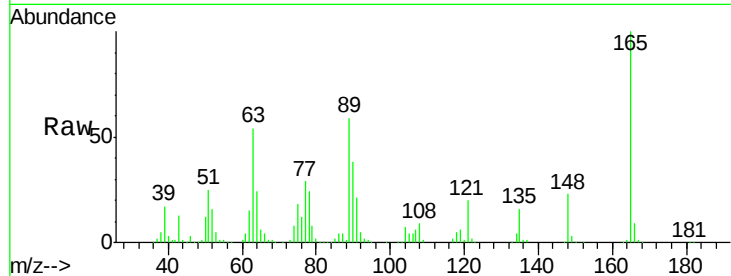




#51
2,6-Dinitrotoluene
Concen: 39.053 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

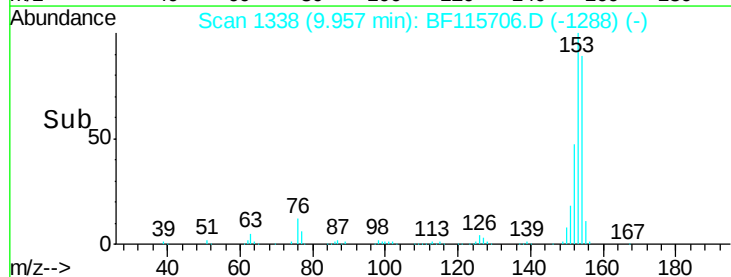
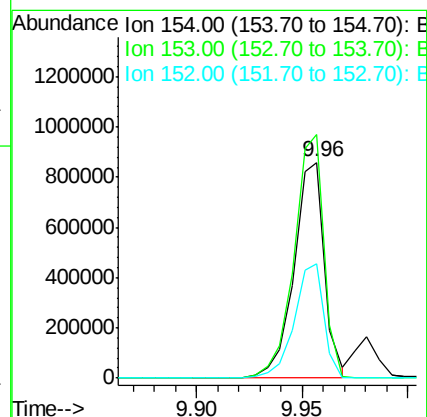
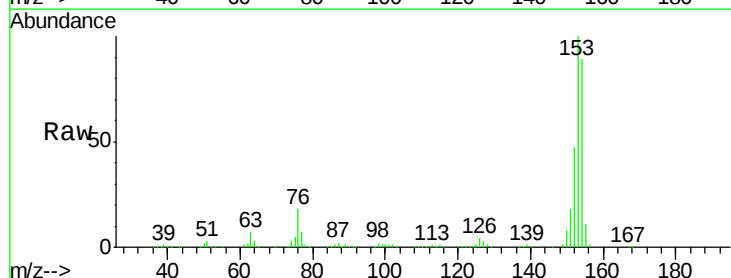
Instrument :
BNA_F
ClientSampled :

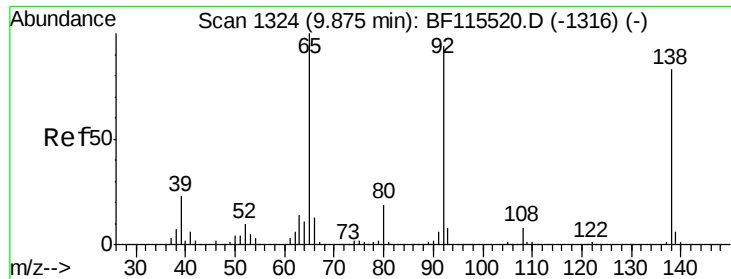
Tot Ion:165 Resp: 253865
Ion Ratio Lower Upper
165 100
63 53.9 40.6 61.0
89 58.8 43.9 65.9



#52
Acenaphthene
Concen: 36.620 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion:154 Resp: 867010
Ion Ratio Lower Upper
154 100
153 112.7 88.6 133.0
152 52.7 42.3 63.5

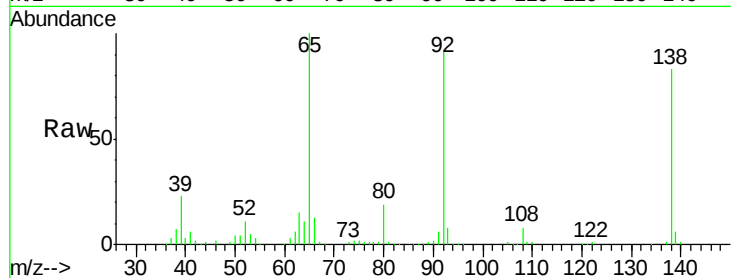




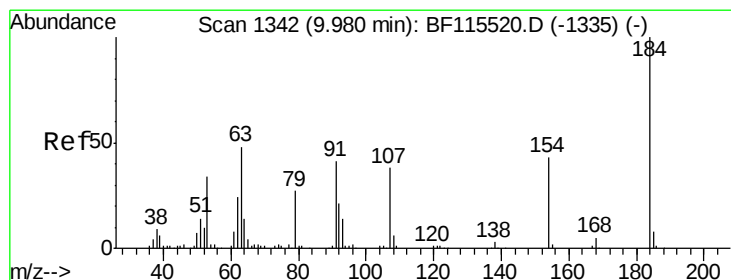
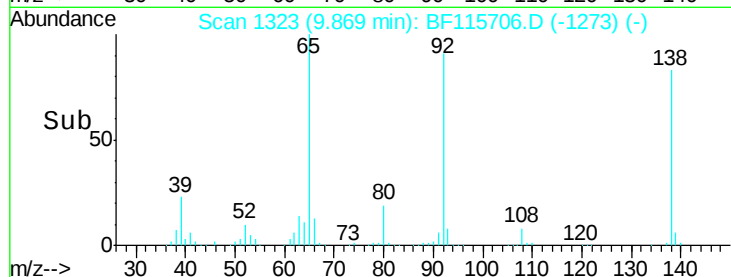
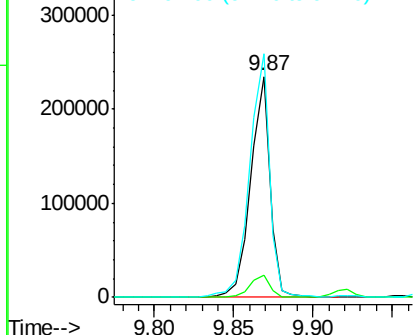
#53
 3-Nitroaniline
 Concen: 26.889 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF115706.D
 Acq: 22 Jul 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 199744
 Ion Ratio Lower Upper
 138 100
 108 10.2 8.4 12.6
 92 110.2 88.0 132.0

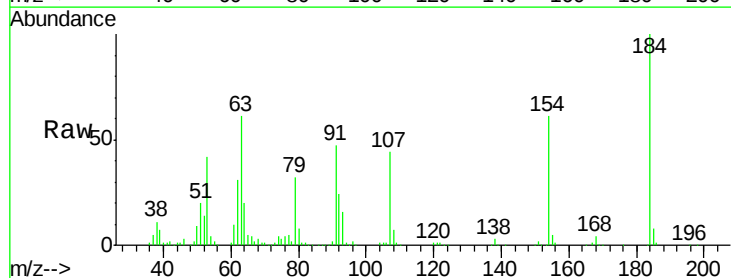


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

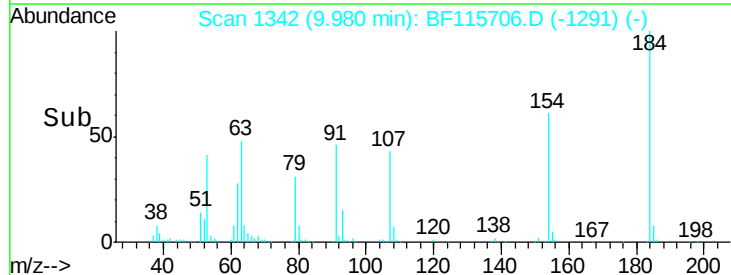
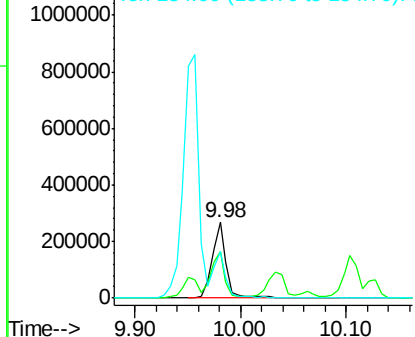


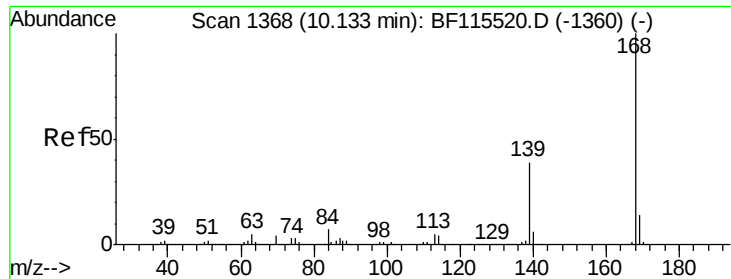
#54
 2,4-Dinitrophenol
 Concen: 75.025 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF115706.D
 Acq: 22 Jul 2019 13:46

Tgt Ion:184 Resp: 250399
 Ion Ratio Lower Upper
 184 100
 63 61.2 48.7 73.1
 154 61.5 48.6 73.0



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

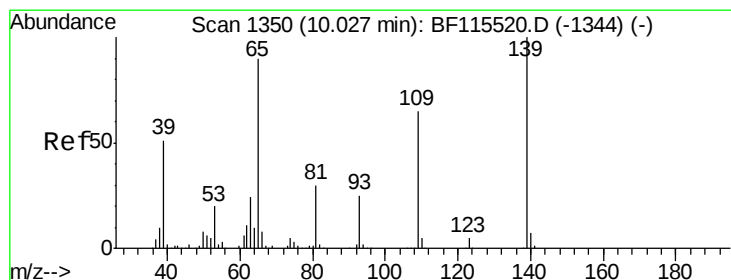
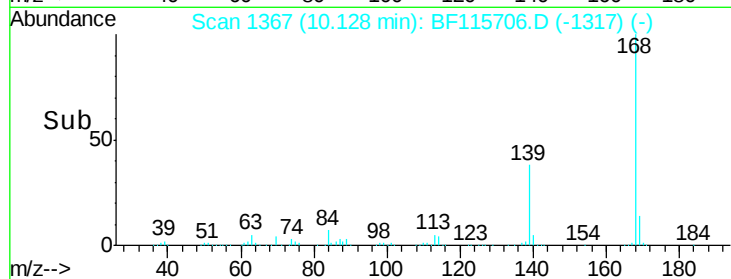
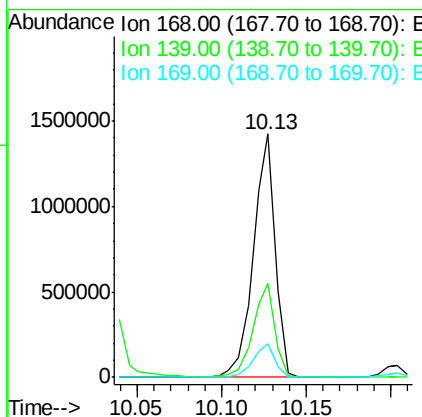
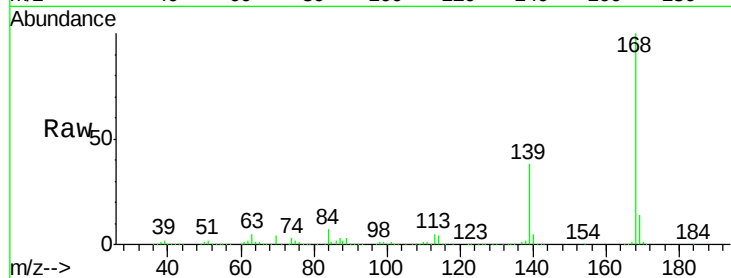




#55
Dibenzofuran
Concen: 38.169 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

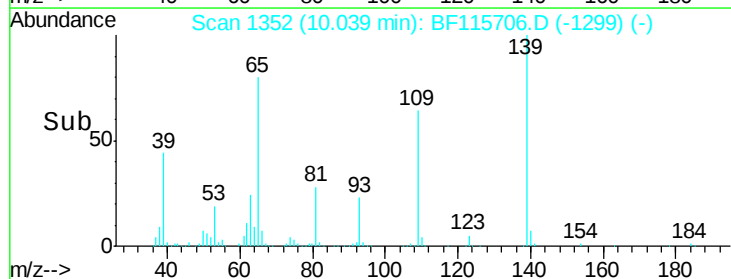
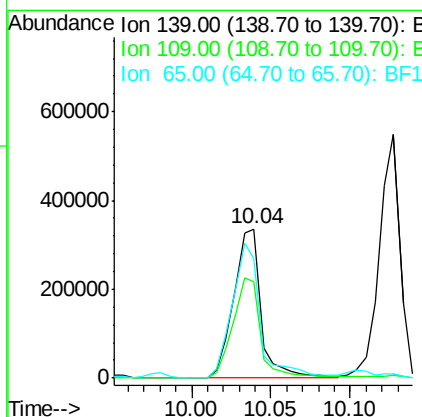
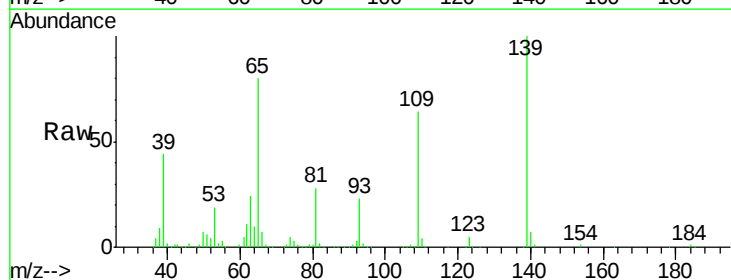
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1283369
Ion Ratio Lower Upper
168 100
139 38.5 31.1 46.7
169 14.0 11.1 16.7



#56
4-Nitrophenol
Concen: 71.267 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion:139 Resp: 403708
Ion Ratio Lower Upper
139 100
109 64.5 46.4 86.4
65 79.7 68.9 108.9

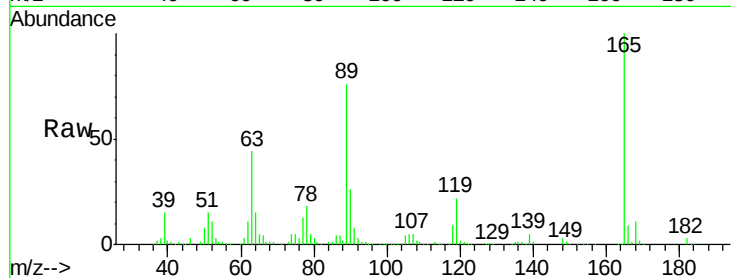




#57
2,4-Dinitrotoluene
Concen: 39.819 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.5	34.9	52.3
89	75.6	57.5	86.3
182	2.6	2.2	3.4

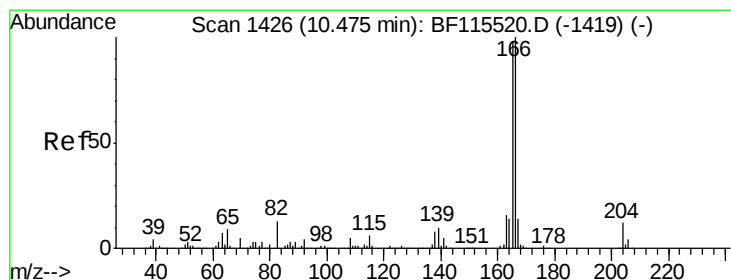
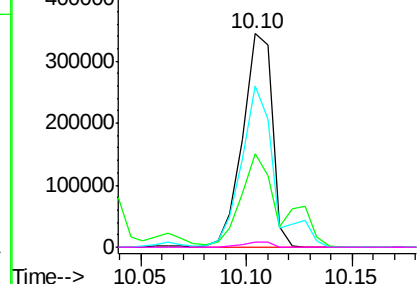
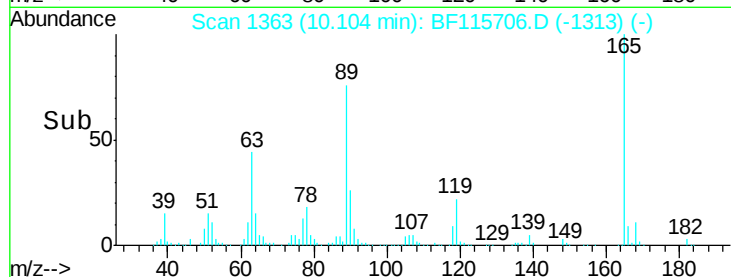


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

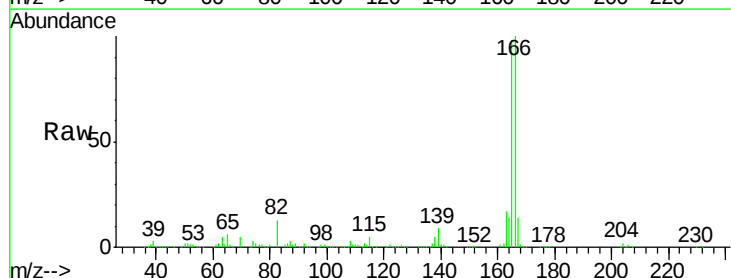
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.177 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

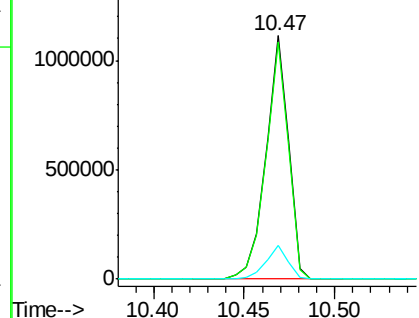
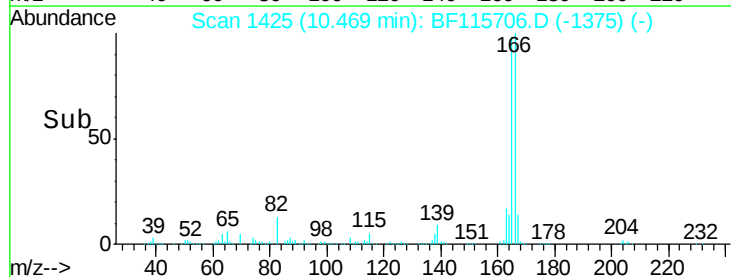
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.8	119.6
167	13.6	11.2	16.8



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

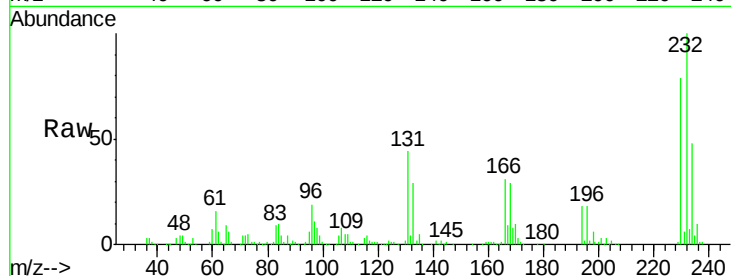




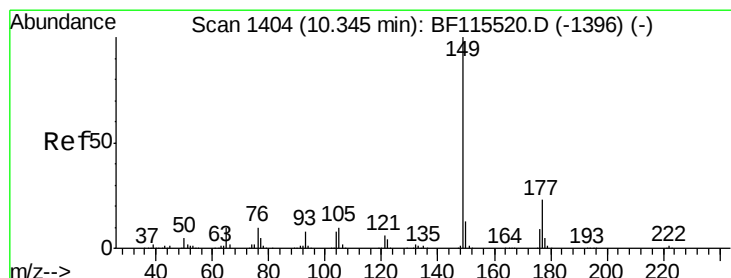
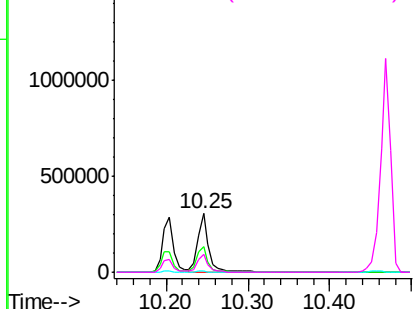
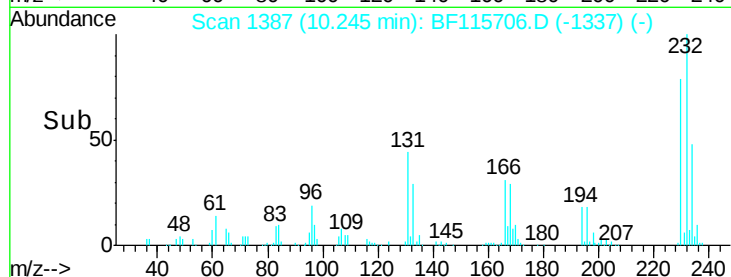
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.215 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 288249
Ion Ratio Lower Upper
232 100
131 45.4 35.9 53.9
130 2.3 1.8 2.6
166 30.2 24.8 37.2

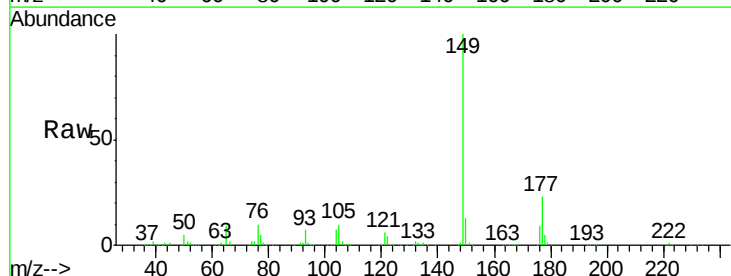


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

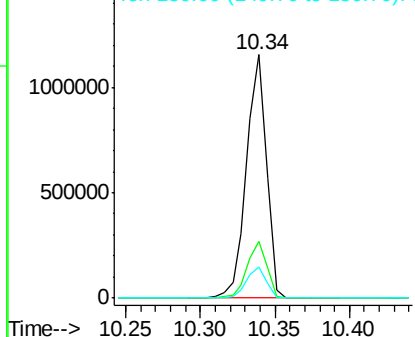
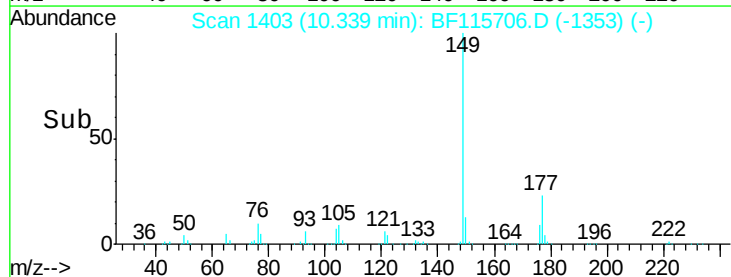


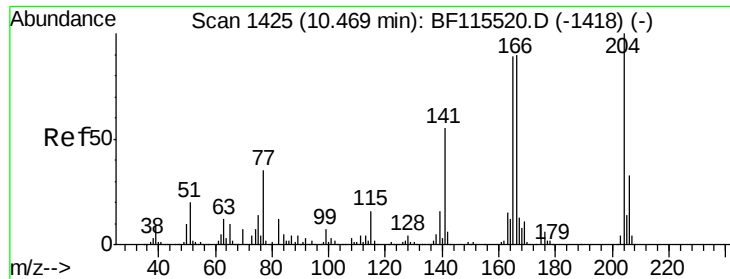
#60
Diethylphthalate
Concen: 40.098 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion:149 Resp: 1074686
Ion Ratio Lower Upper
149 100
177 23.4 19.5 29.3
150 12.8 10.4 15.6



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

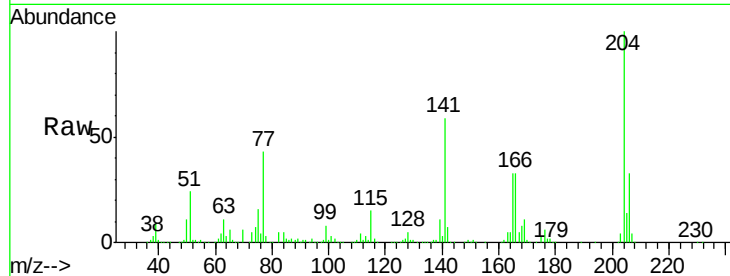




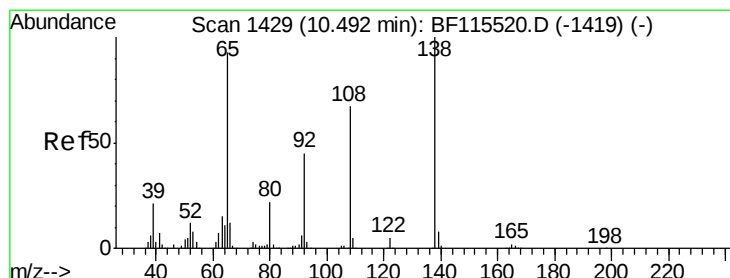
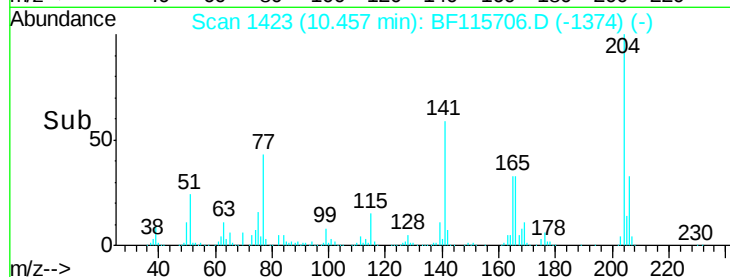
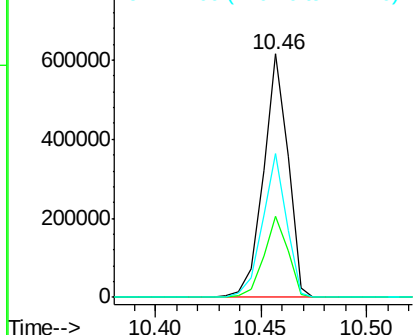
#61
 4-Chlorophenyl-phenylether
 Concen: 37.351 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115706.D
 Acq: 22 Jul 2019 13:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.7	40.1
141	59.0	44.2	66.2

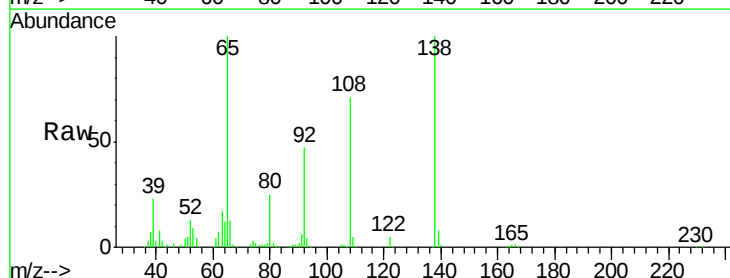


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

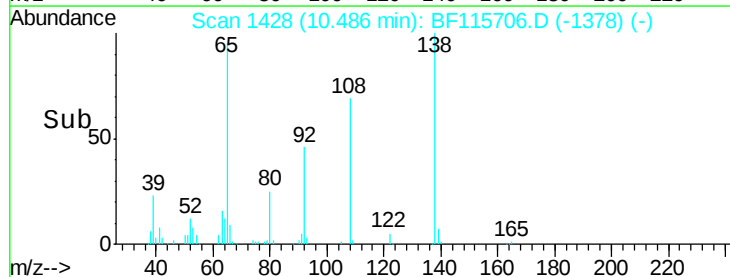
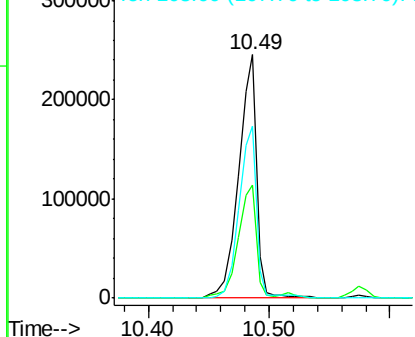


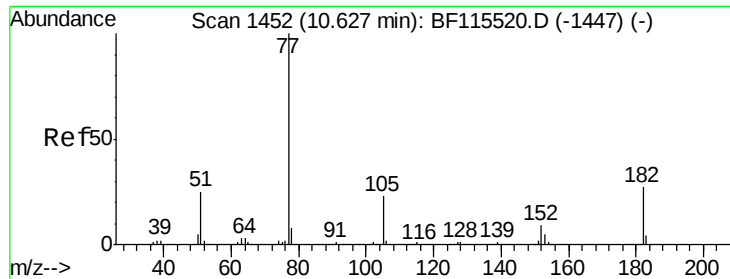
#62
 4-Nitroaniline
 Concen: 35.981 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF115706.D
 Acq: 22 Jul 2019 13:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.6	27.1	67.1
108	70.6	48.0	88.0



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





#63

Azobenzene

Concen: 41.042 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1066946

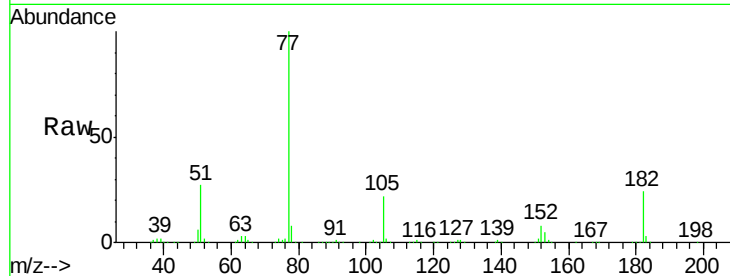
Ion	Ratio	Lower	Upper
77	100		
182	23.7	6.9	46.9
105	22.4	3.9	43.9
51	26.7	7.3	47.3

77 100

182 23.7 6.9 46.9

105 22.4 3.9 43.9

51 26.7 7.3 47.3

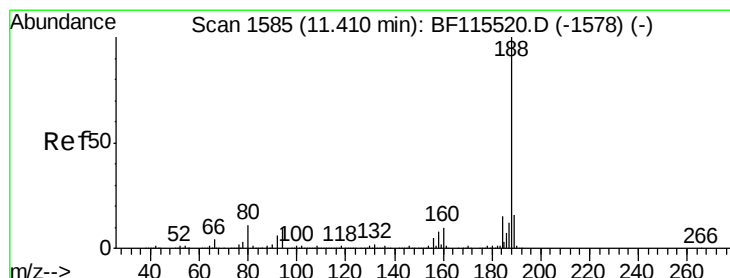
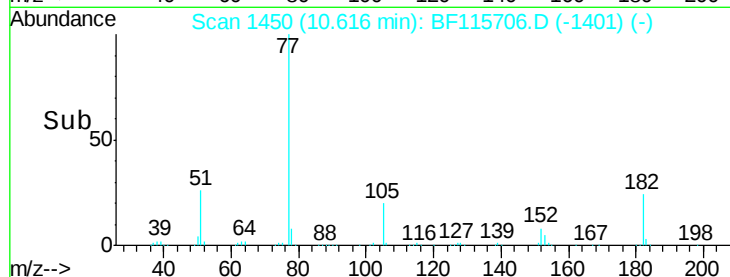
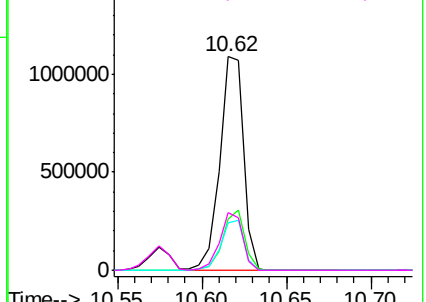


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

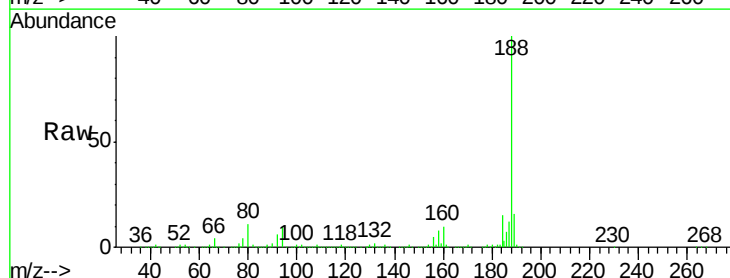
Tgt Ion: 188 Resp: 726548

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.8	11.6
80	11.0	8.6	13.0

188 100

94 10.2 7.8 11.6

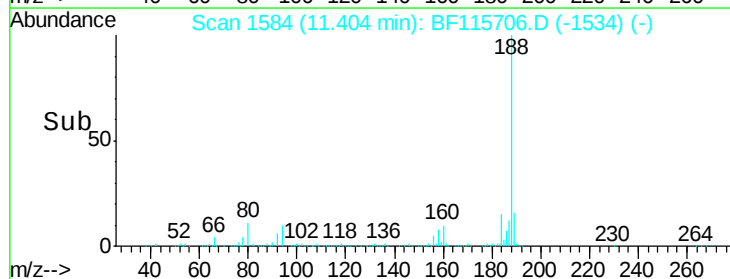
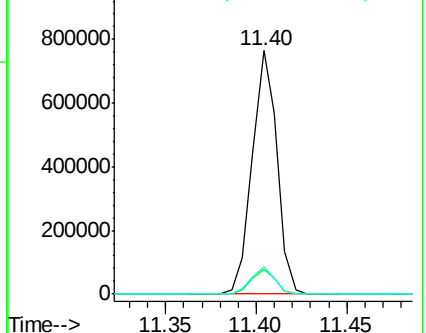
80 11.0 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 37.629 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

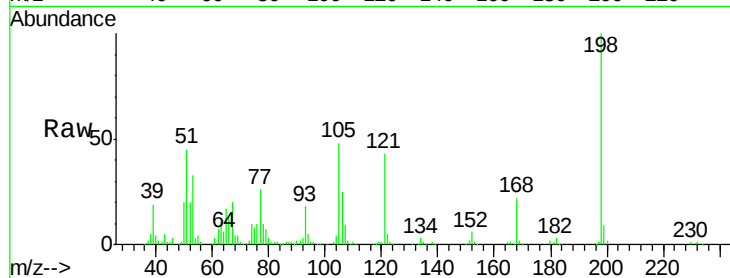
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 167033

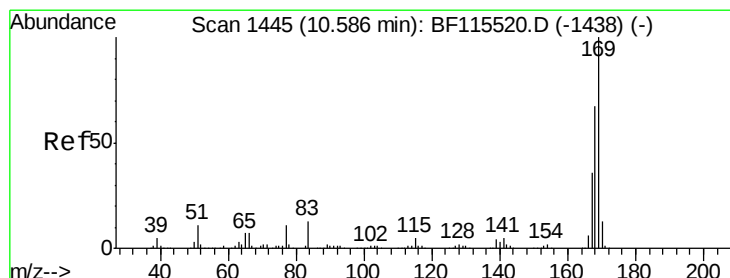
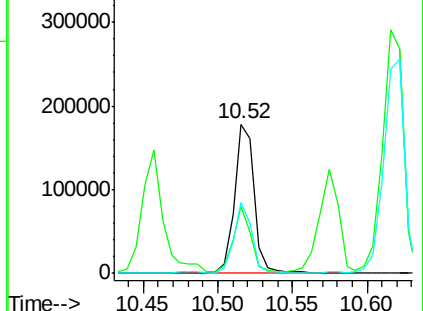
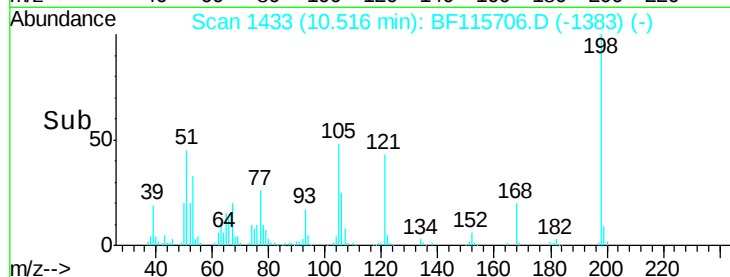
Ion	Ratio	Lower	Upper
198	100		
51	44.8	19.1	59.1
105	47.6	23.6	63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.396 ng

RT: 10.57 min Scan# 1443

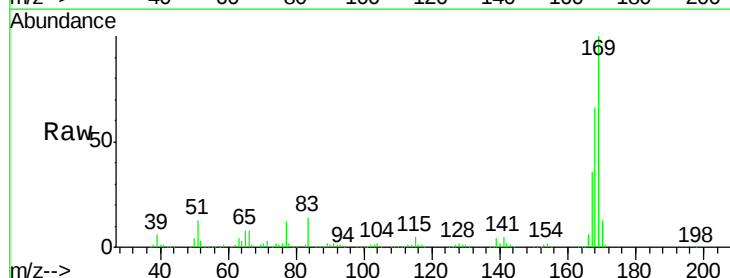
Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Tgt Ion:169 Resp: 890355

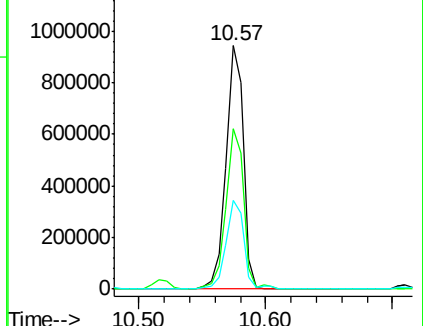
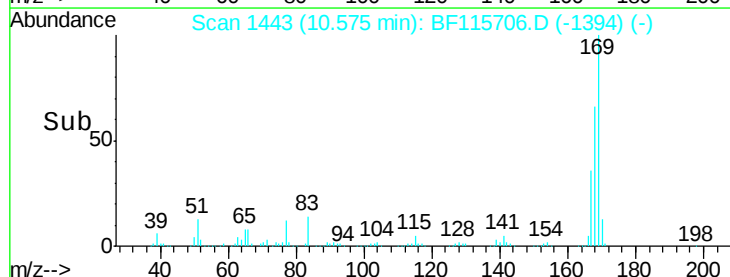
Ion	Ratio	Lower	Upper
169	100		
168	66.1	54.3	81.5
167	36.4	30.2	45.2



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

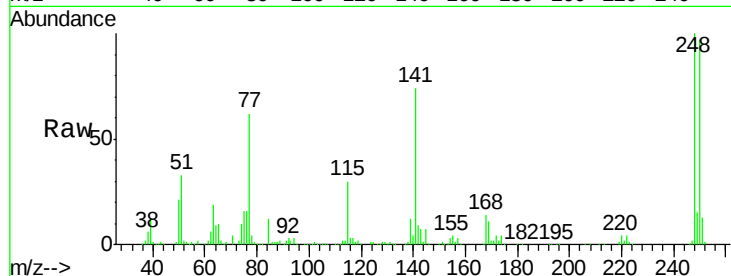




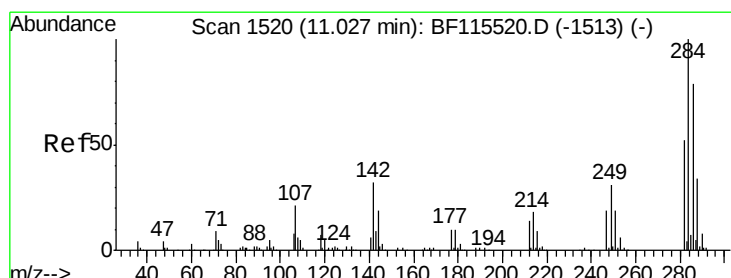
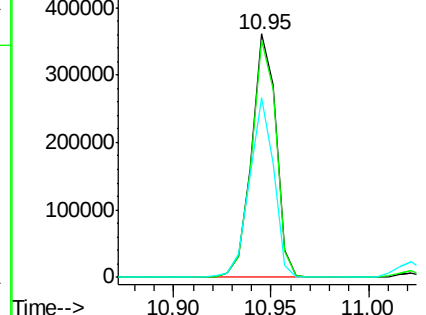
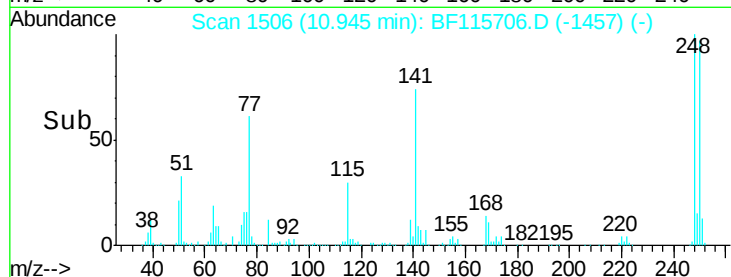
#67
4-Bromophenyl-phenylether
Concen: 37.723 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 313203
Ion Ratio Lower Upper
248 100
250 97.4 78.0 117.0
141 74.0 57.7 86.5

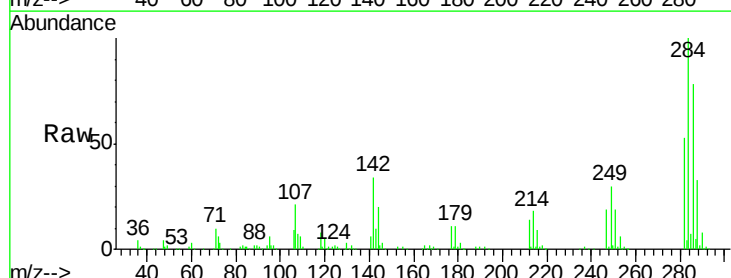


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

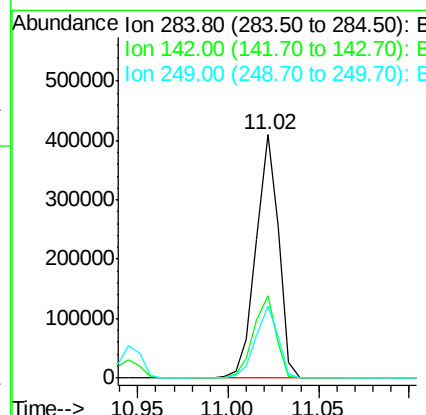
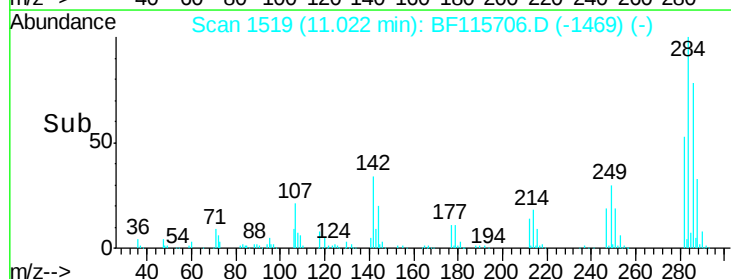


#68
Hexachlorobenzene
Concen: 37.464 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion:284 Resp: 355223
Ion Ratio Lower Upper
284 100
142 34.0 22.2 33.2#
249 29.6 23.4 35.2



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

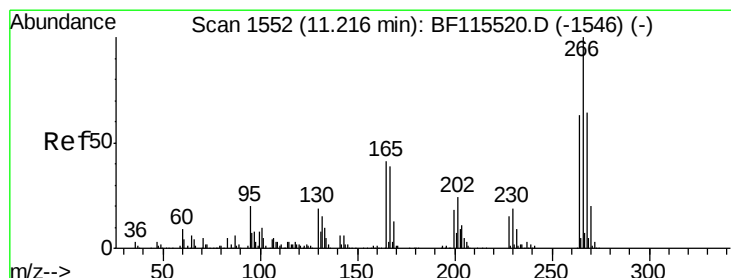
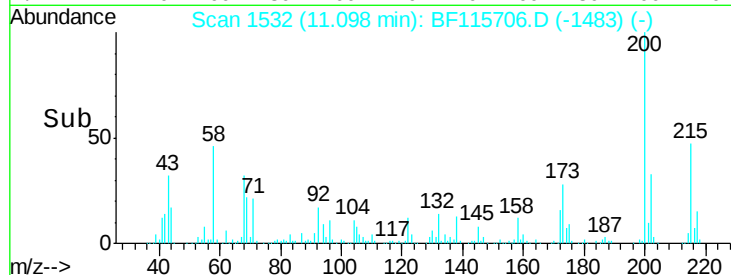
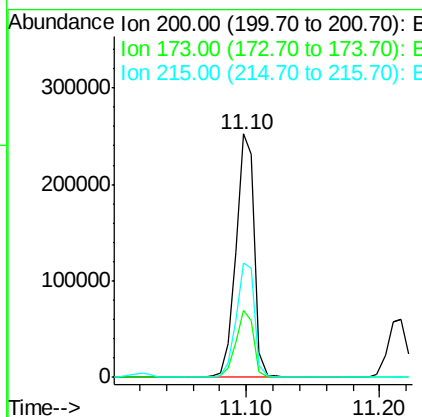
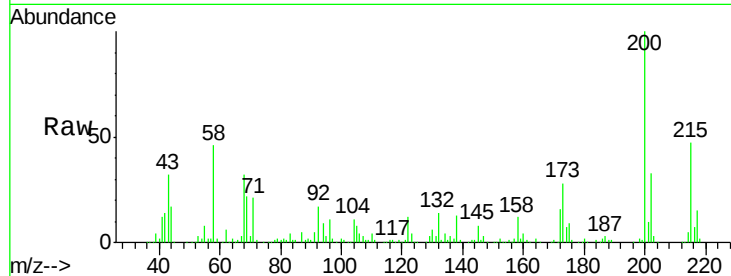




#69
 Atrazine
 Concen: 32.731 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF115706.D
 Acq: 22 Jul 2019 13:46

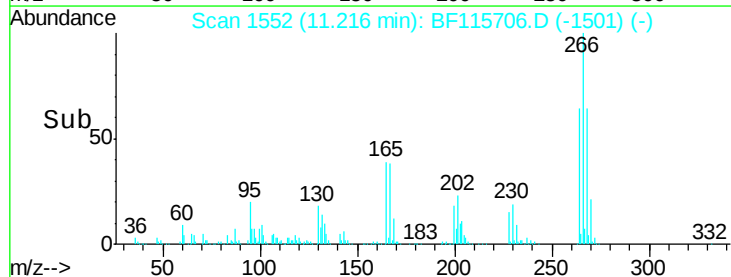
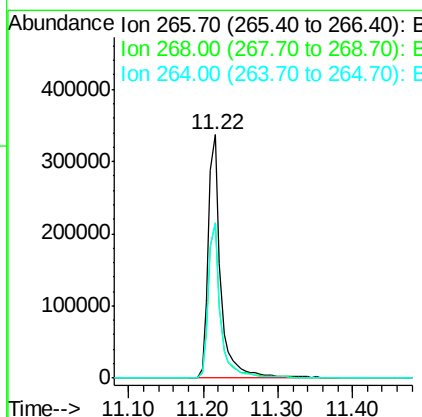
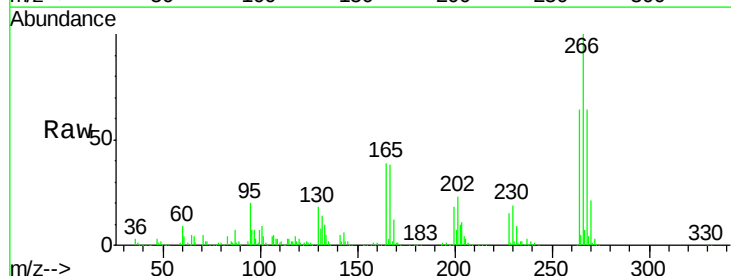
Instrument :
 BNA_F
 ClientSampleId :

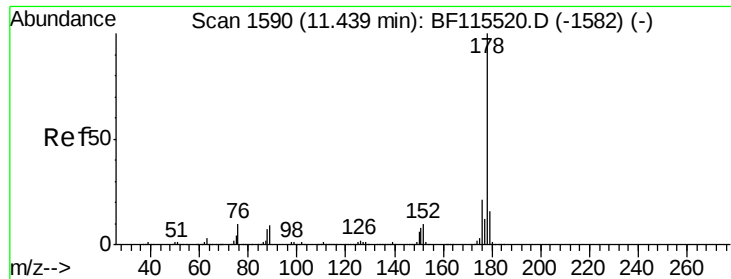
Tot Ion:200 Resp: 242672
 Ion Ratio Lower Upper
 200 100
 173 27.7 6.9 46.9
 215 47.0 27.9 67.9



#70
 Pentachlorophenol
 Concen: 68.308 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF115706.D
 Acq: 22 Jul 2019 13:46

Tgt Ion:266 Resp: 396132
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.6 77.4
 264 63.8 50.6 76.0





#71

Phenanthrene

Concen: 38.952 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

ClientSampleId :

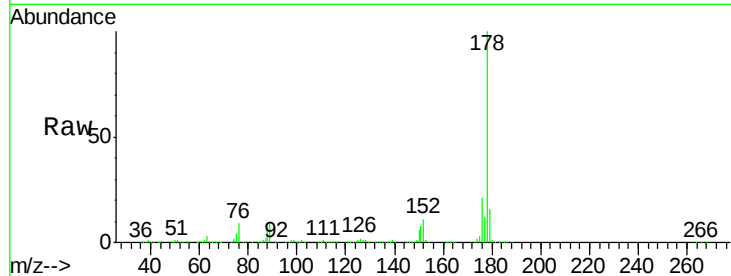
Tot Ion:178 Resp: 1450652

Ion	Ratio	Lower	Upper
178	100		
176	20.7	17.2	25.8
179	16.0	13.5	20.3

178 100

176 20.7 17.2 25.8

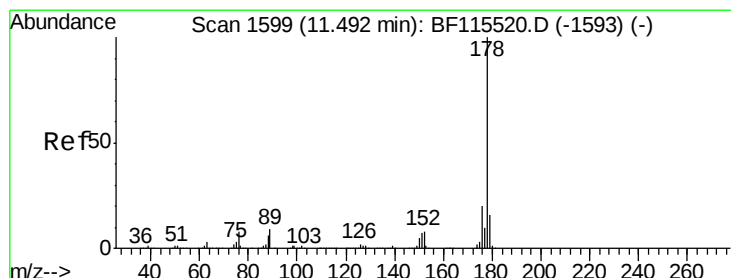
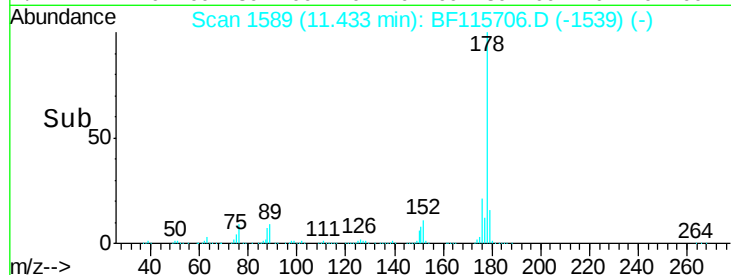
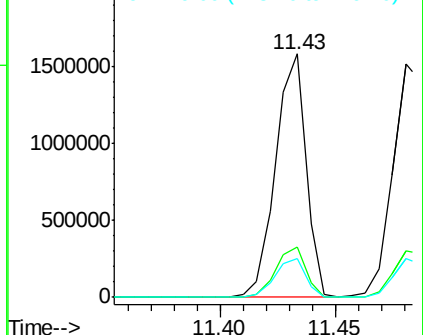
179 16.0 13.5 20.3



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



#72

Anthracene

Concen: 38.525 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

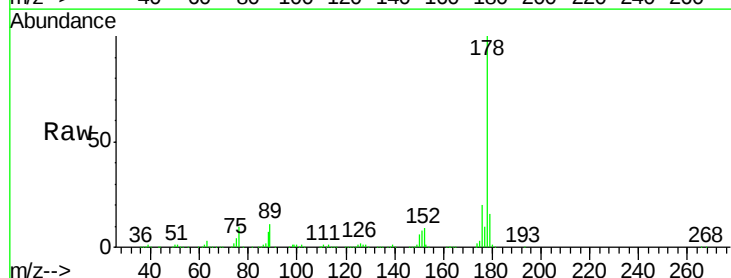
Tgt Ion:178 Resp: 1482750

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.9	23.9
179	16.5	12.7	19.1

178 100

176 20.1 15.9 23.9

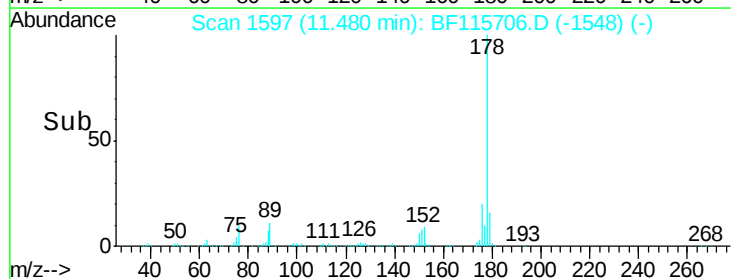
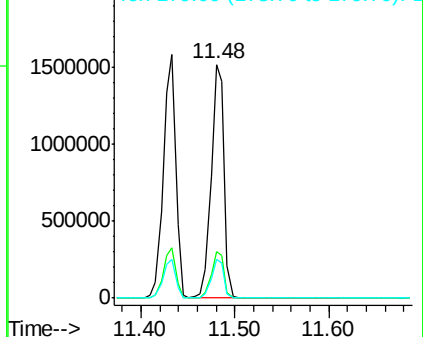
179 16.5 12.7 19.1

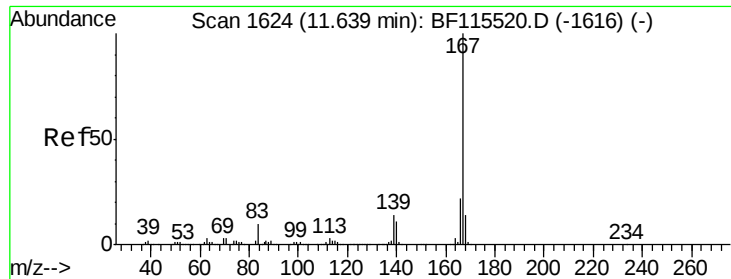


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.277 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

ClientSampleId :

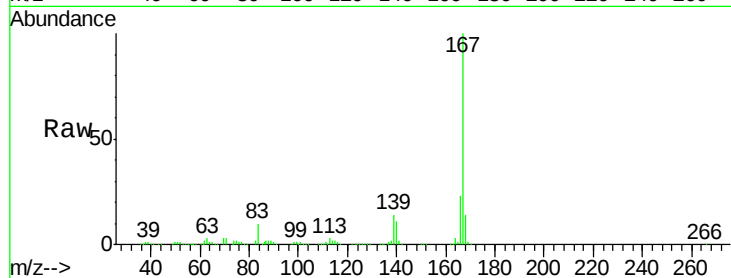
Tot Ion:167 Resp: 1325646

Ion Ratio Lower Upper

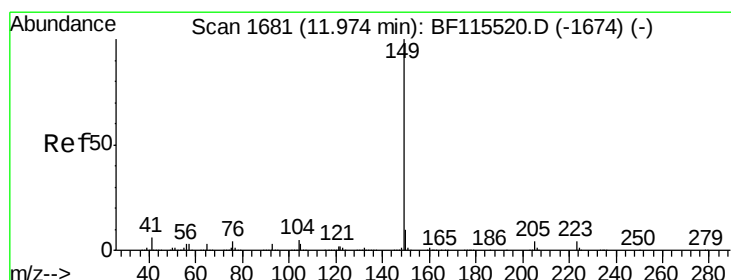
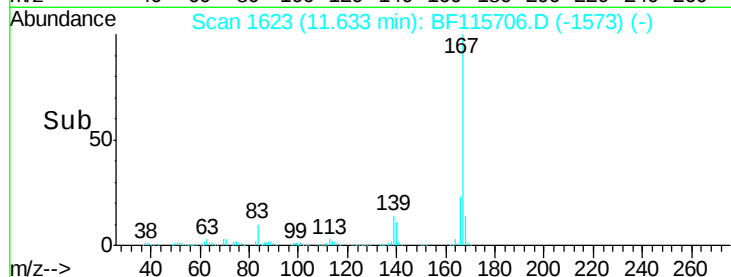
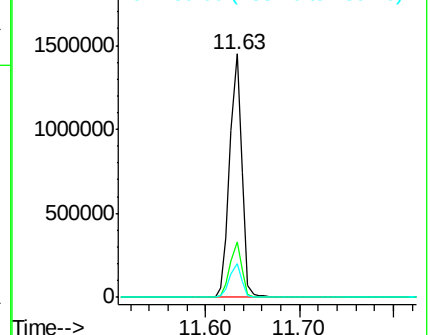
167 100

166 22.6 18.1 27.1

139 13.9 11.3 16.9



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: 40.074 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

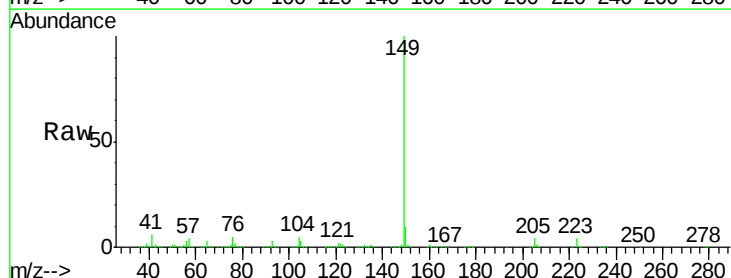
Tgt Ion:149 Resp: 1666037

Ion Ratio Lower Upper

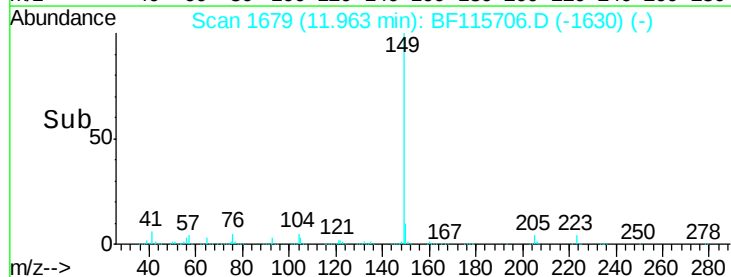
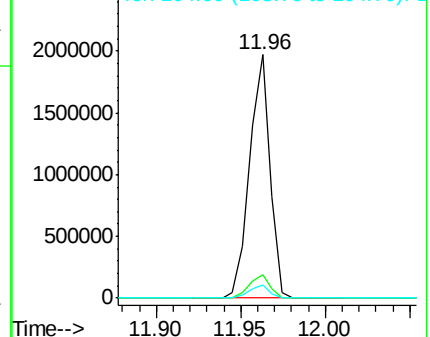
149 100

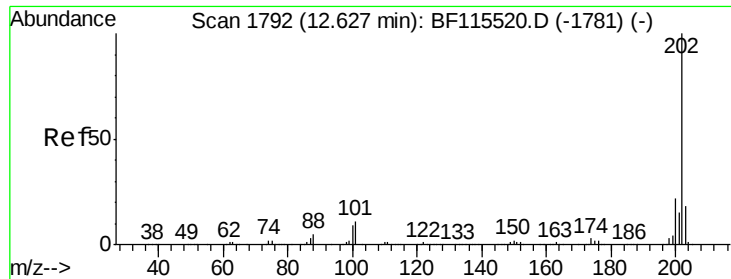
150 9.8 7.7 11.5

104 5.3 3.8 5.8



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

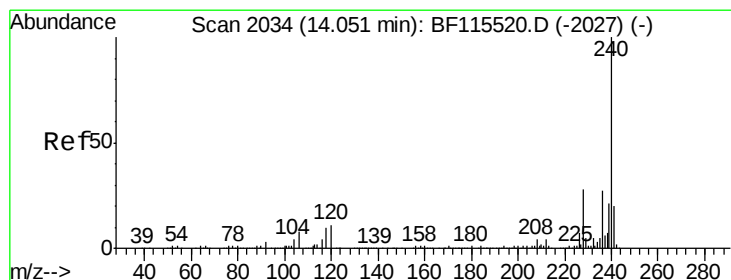
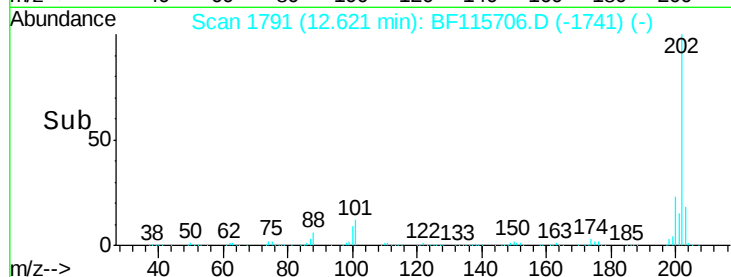
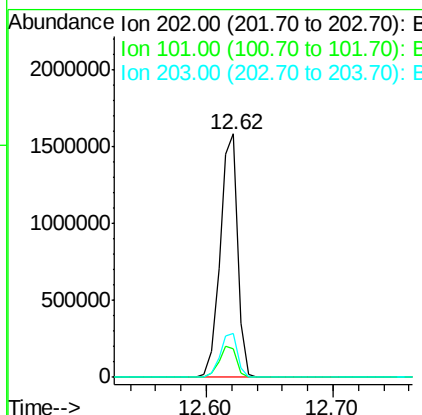
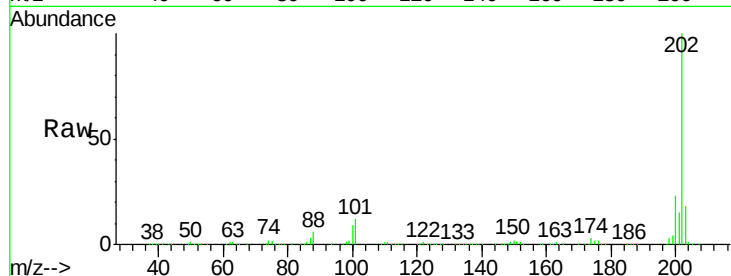




#75
Fluoranthene
Concen: 38.625 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

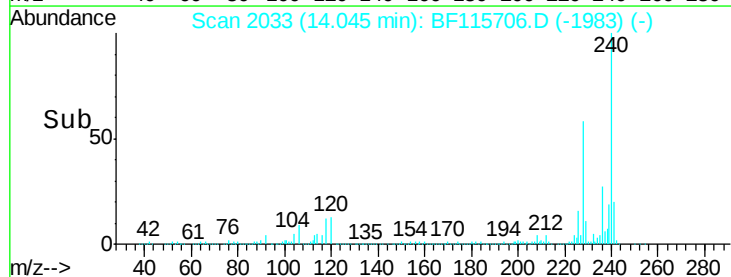
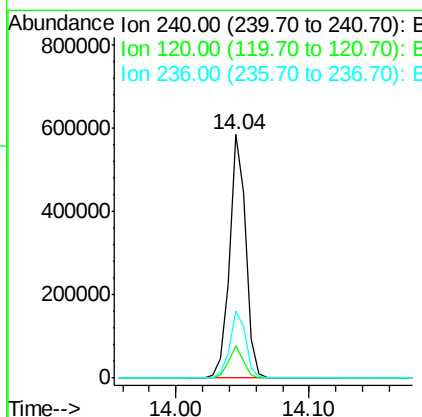
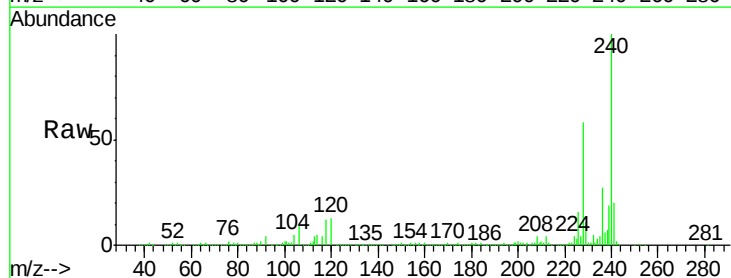
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1520075
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.4
203 18.1 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion:240 Resp: 501279
Ion Ratio Lower Upper
240 100
120 13.3 8.6 13.0#
236 27.4 21.3 31.9





#77

Benzidine

Concen: 16.643 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

ClientSampleId :

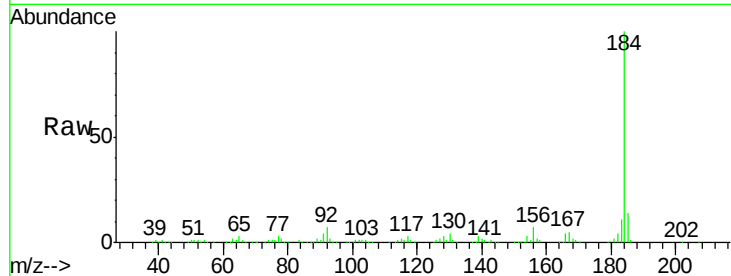
Tot Ion:184 Resp: 295546

Ion Ratio Lower Upper

184 100

185 13.7 12.0 18.0

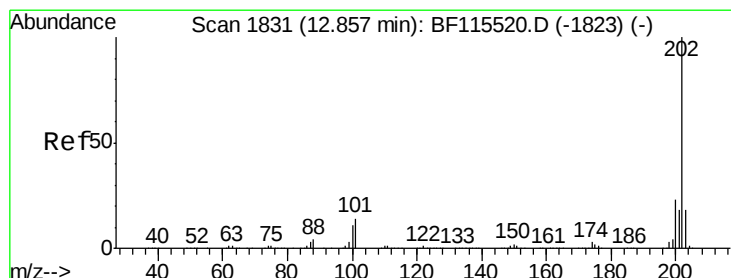
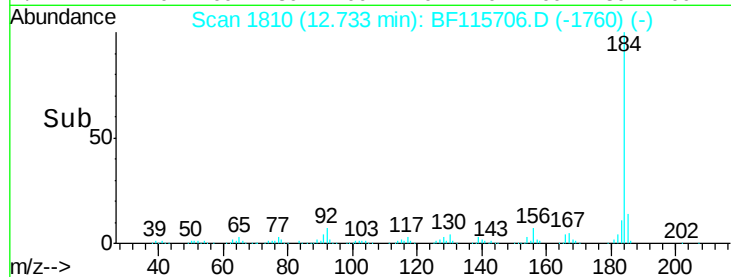
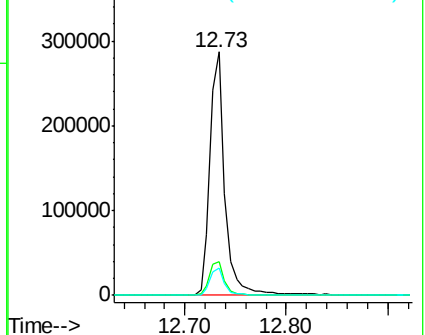
183 11.5 9.3 13.9



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: 36.479 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

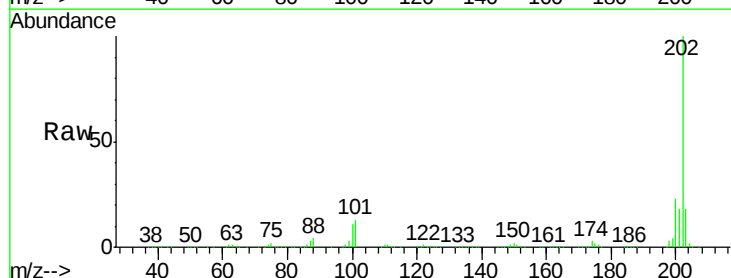
Tgt Ion:202 Resp: 1549280

Ion Ratio Lower Upper

202 100

200 22.7 18.7 28.1

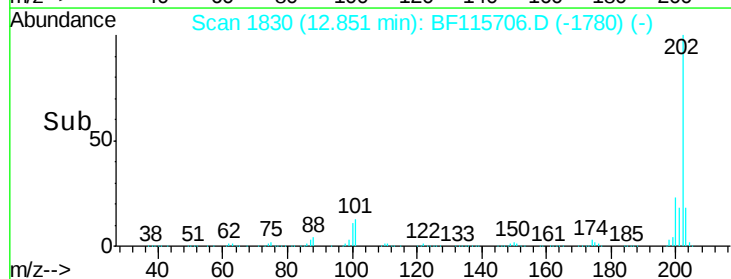
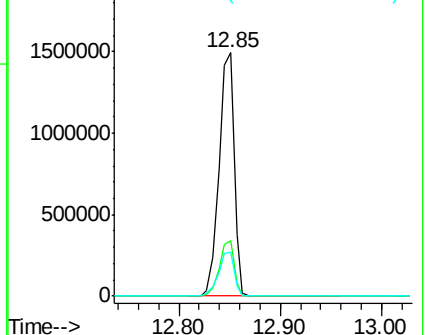
203 18.0 15.2 22.8



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: 73.671 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

ClientSampleId :

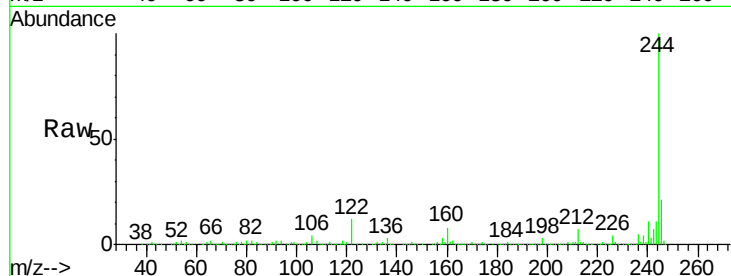
Tot Ion:244 Resp: 2001435

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

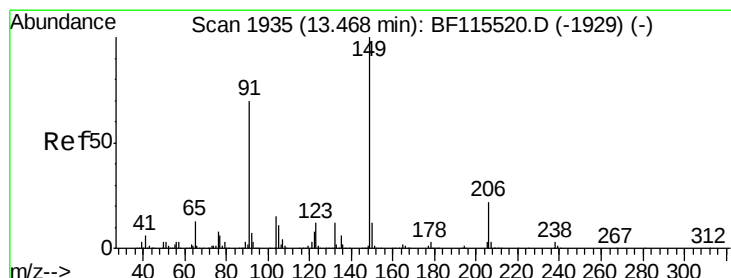
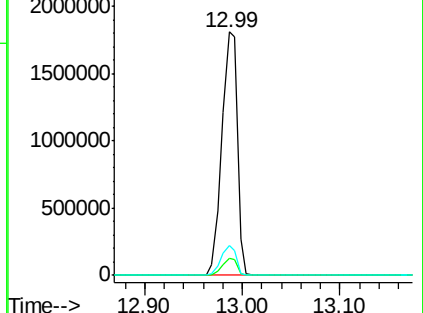
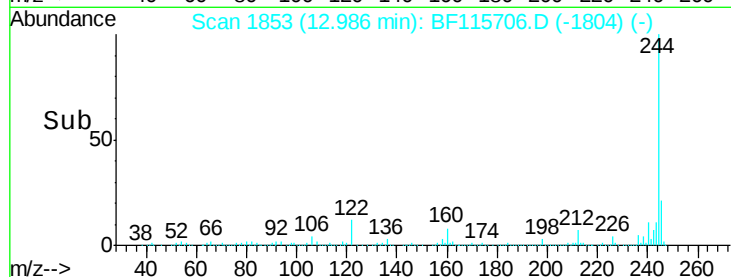
122 12.4 8.6 12.8



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: 39.235 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

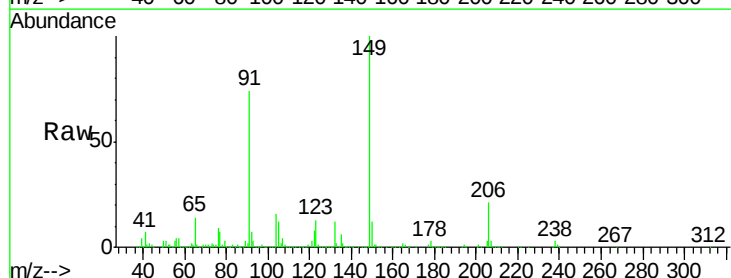
Tgt Ion:149 Resp: 710348

Ion Ratio Lower Upper

149 100

91 74.0 55.8 83.8

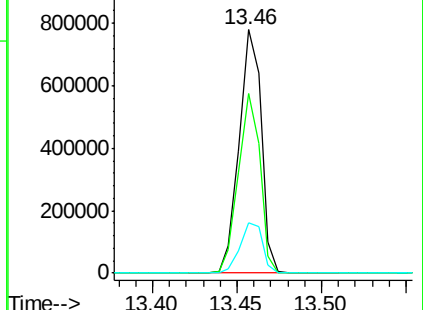
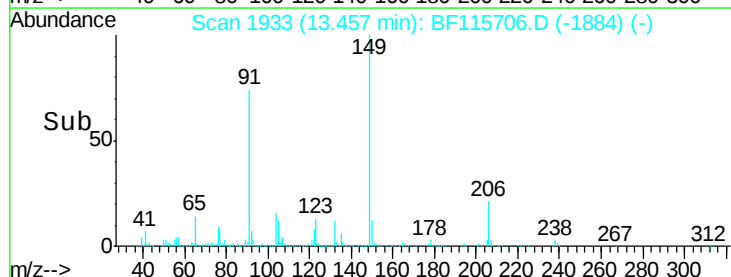
206 20.6 18.2 27.2



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: 38.552 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

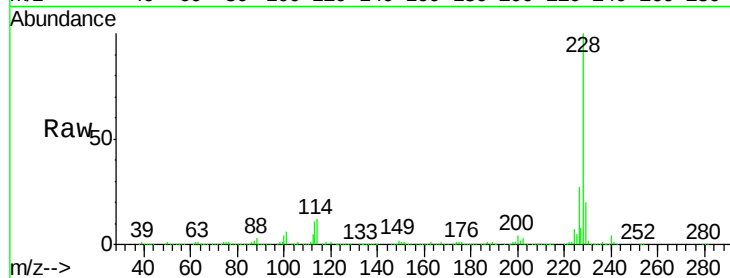
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1273147

Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.4	35.0
229	20.2	17.2	25.8

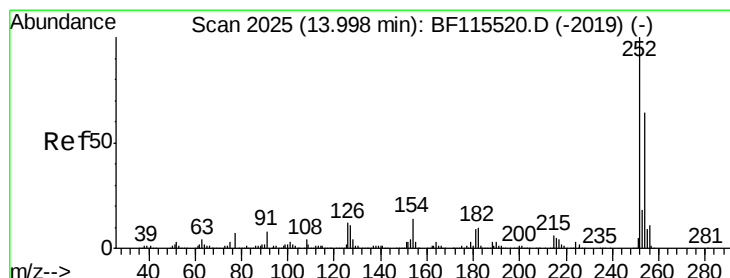
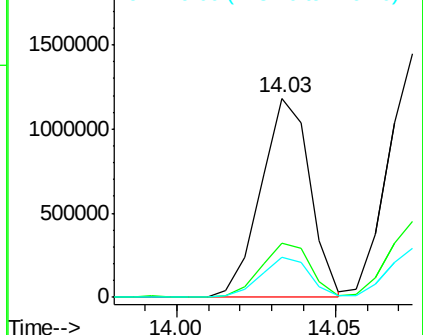
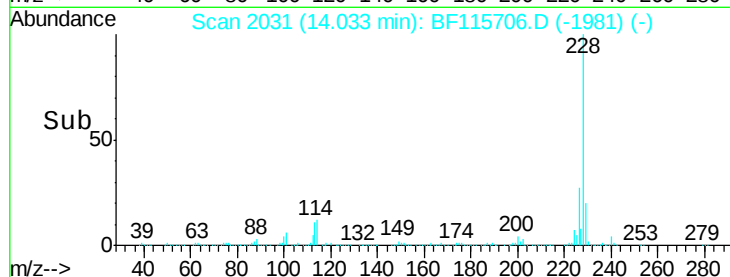


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.547 ng

RT: 13.99 min Scan# 2024

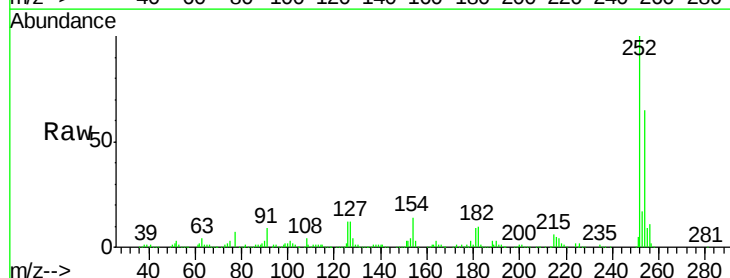
Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Tgt Ion:252 Resp: 393842

Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.9	79.3
126	12.2	9.9	14.9

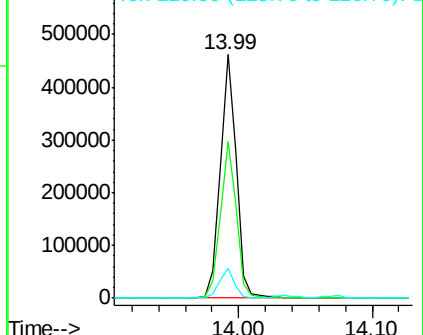
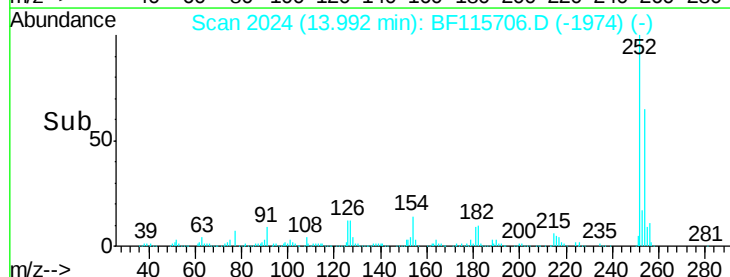


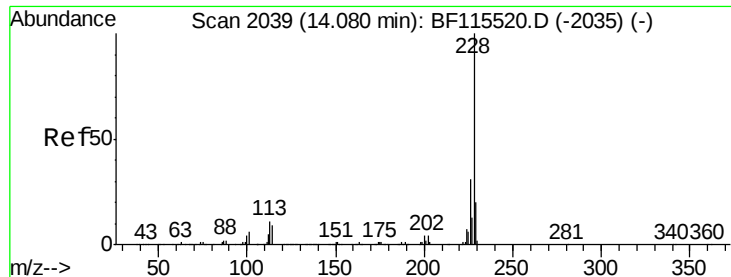
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 38.166 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

ClientSampleId :

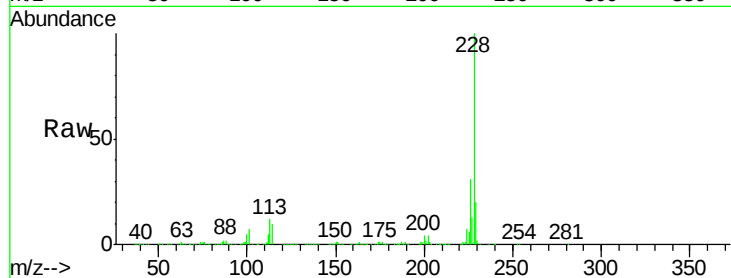
Tot Ion:228 Resp: 1265261

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.7	38.5
229	20.3	16.6	25.0

228 100

226 31.0 25.7 38.5

229 20.3 16.6 25.0

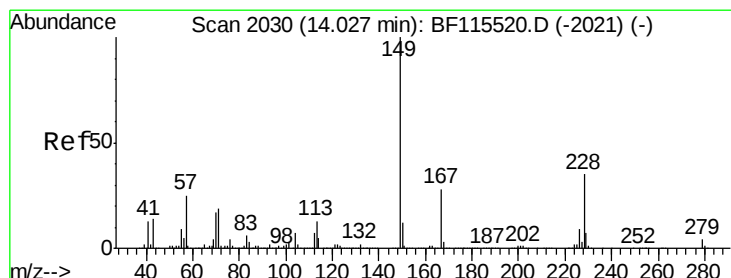
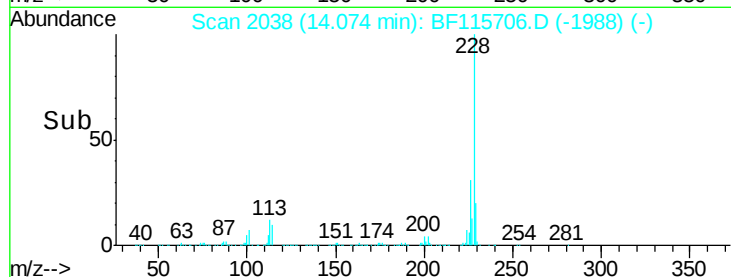
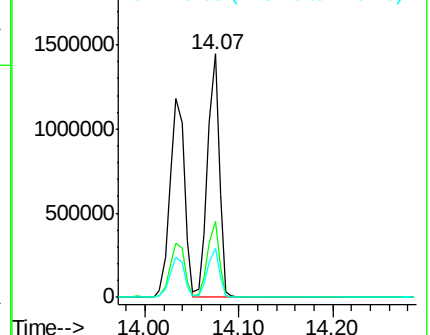


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.335 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

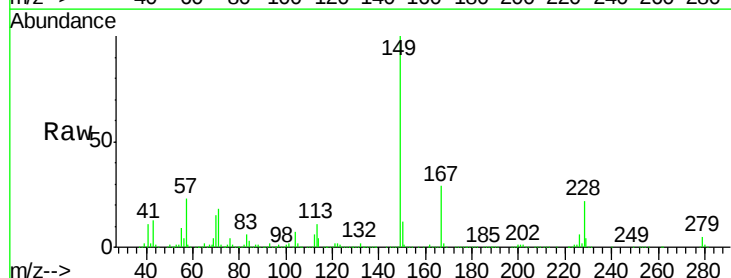
Tgt Ion:149 Resp: 971829

Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.0	34.4
279	4.6	4.2	6.2

149 100

167 28.5 23.0 34.4

279 4.6 4.2 6.2

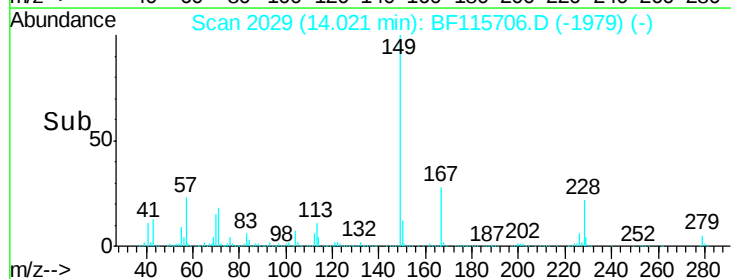
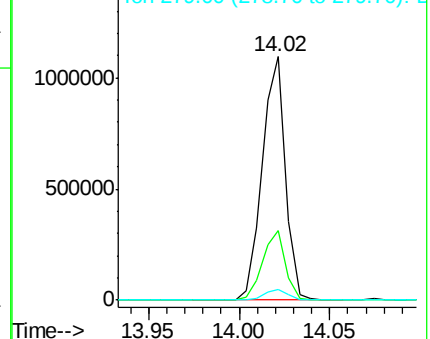


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.881 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Instrument :

BNA_F

ClientSampleId :

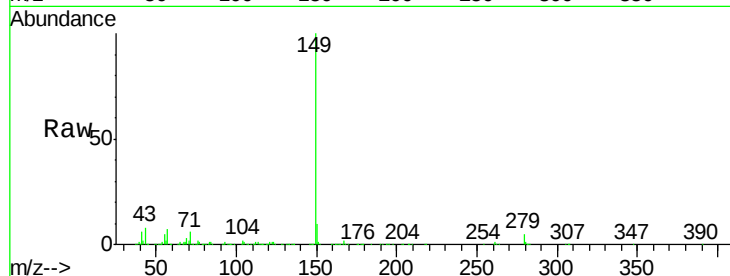
Tot Ion:149 Resp: 1565761

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

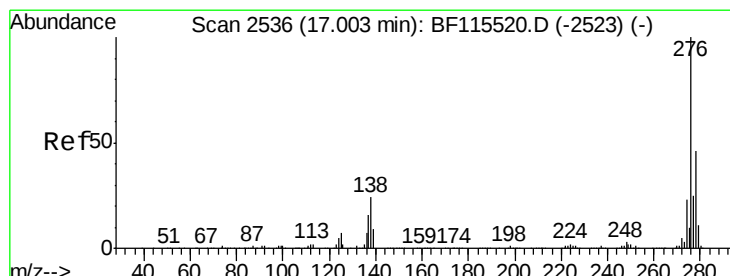
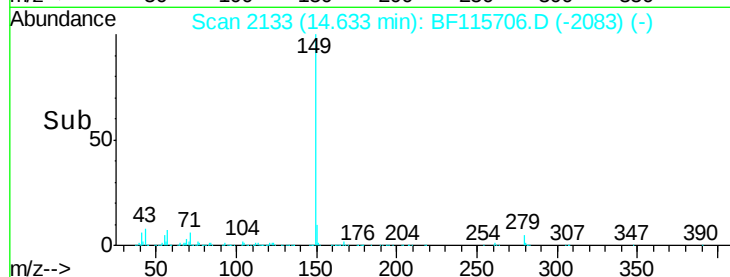
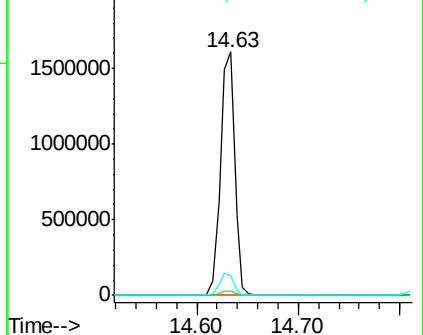
43 9.0 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.173 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.00 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

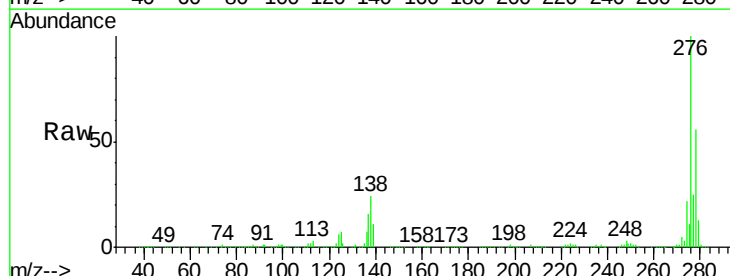
Tgt Ion:276 Resp: 1103319

Ion Ratio Lower Upper

276 100

138 25.4 20.2 30.2

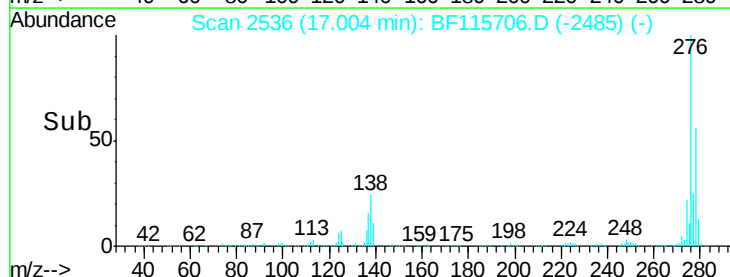
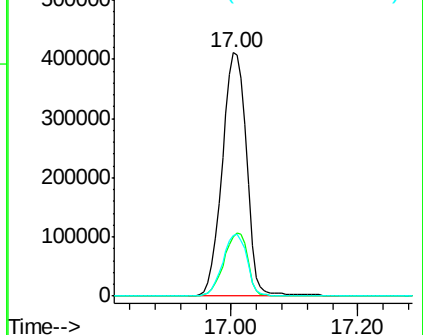
277 25.4 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



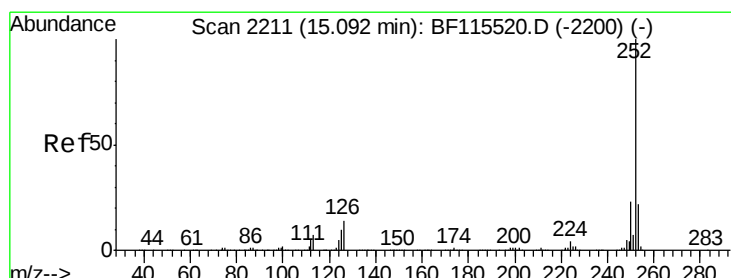
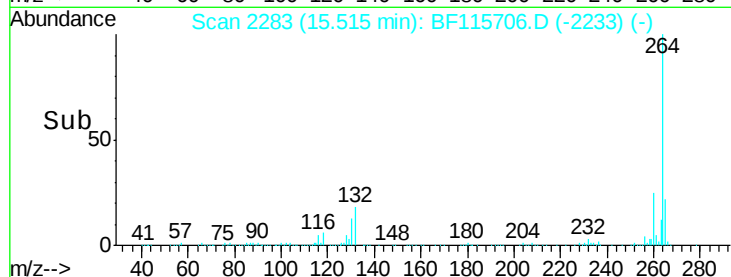
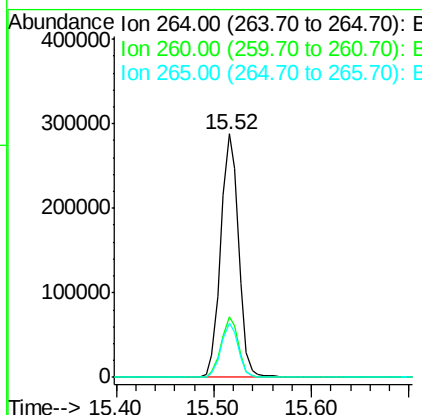
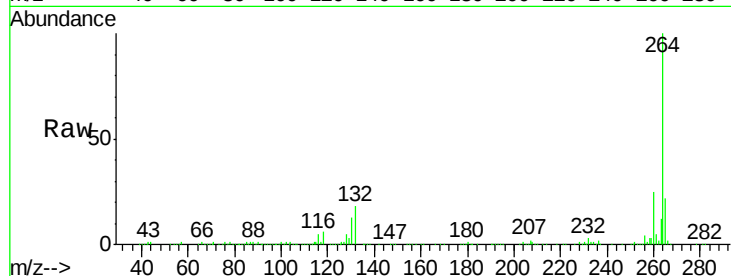


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 366850

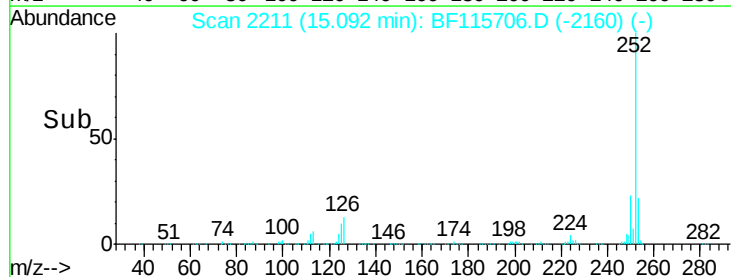
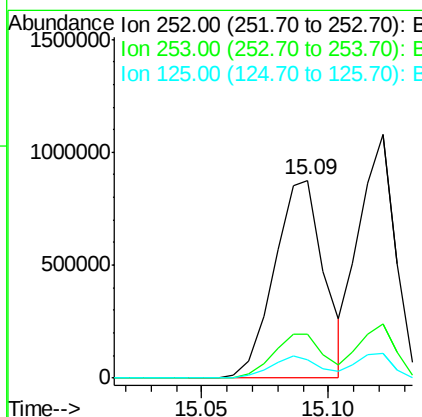
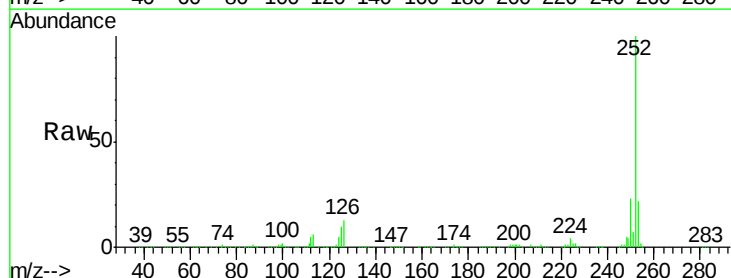
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.8	29.8
265	22.2	17.7	26.5

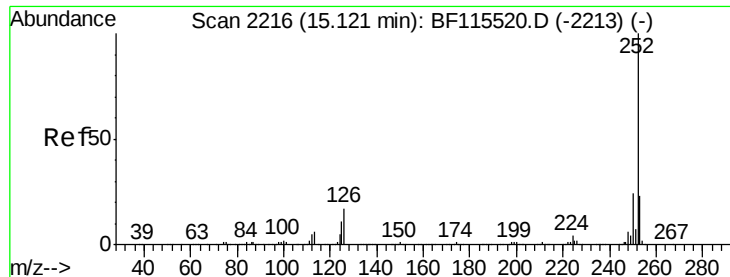


#88
Benzo(b)fluoranthene
Concen: 50.784 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion:252 Resp: 1199632

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	9.6	9.0	13.4

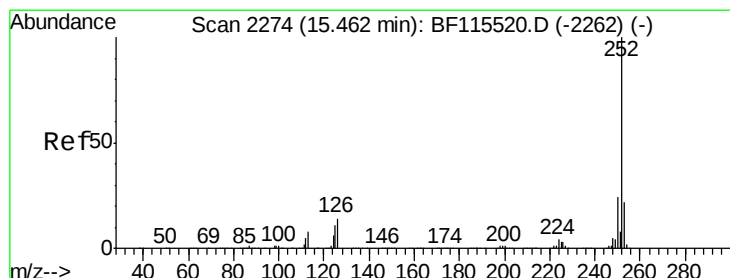
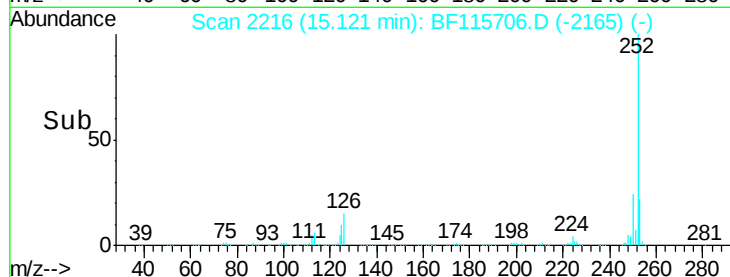
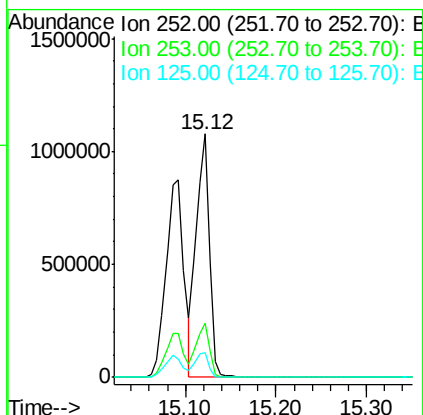
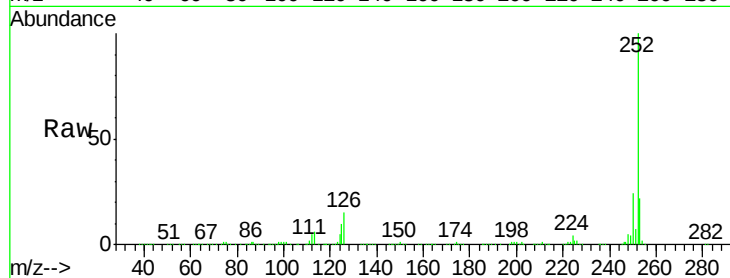




#89
Benzo(k)fluoranthene
Concen: 51.488 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

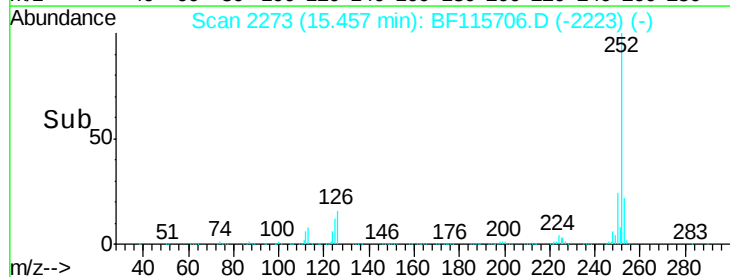
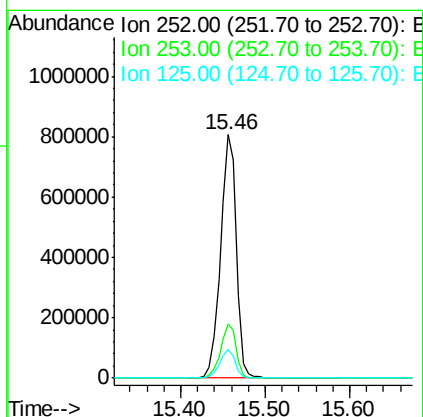
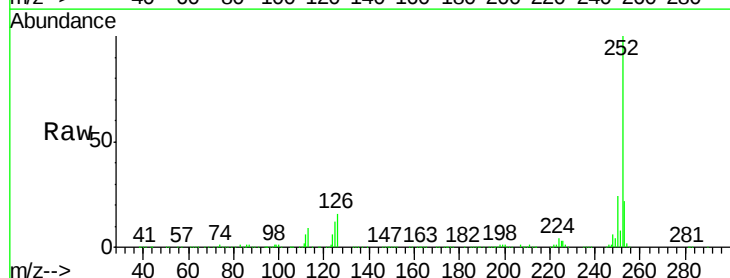
Instrument :
BNA_F
ClientSampleId :

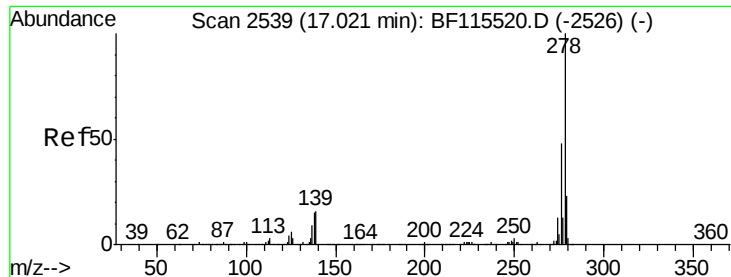
Tot Ion:252 Resp: 1084355
Ion Ratio Lower Upper
252 100
253 22.3 18.6 28.0
125 10.0 9.0 13.6



#90
Benzo(a)pyrene
Concen: 52.108 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF115706.D
Acq: 22 Jul 2019 13:46

Tgt Ion:252 Resp: 1057946
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 11.9 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 52.696 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.00 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

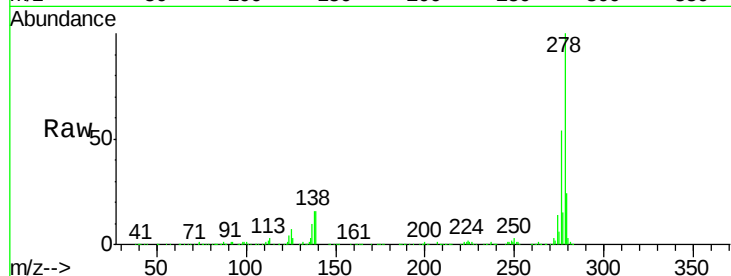
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 939260

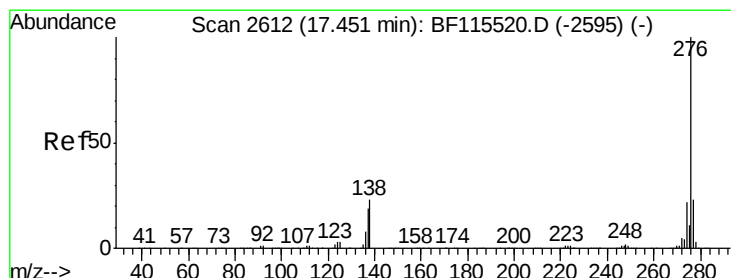
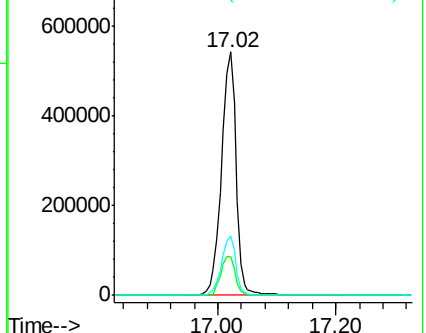
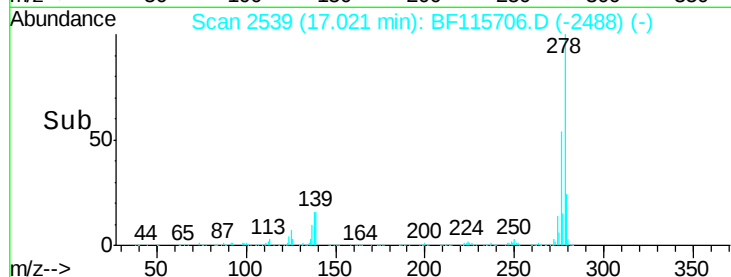
Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.1	19.7
279	24.3	19.6	29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.149 ng

RT: 17.45 min Scan# 2612

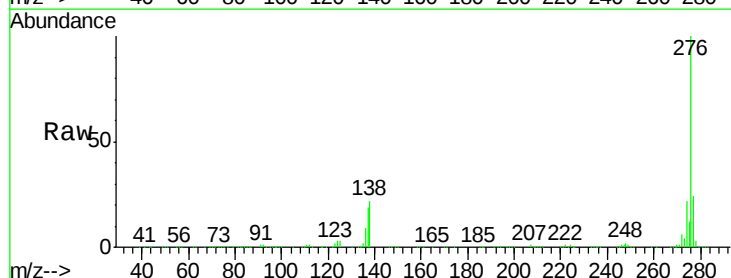
Delta R.T. 0.00 min

Lab File: BF115706.D

Acq: 22 Jul 2019 13:46

Tgt Ion:276 Resp: 909242

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	22.0	17.2	25.8



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

