

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108708.D
 Acq On : 31 Aug 2018 23:51
 Operator : JU/SJ
 Sample : J4535-04MSDRE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 04 05:47:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	78941	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	287933	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	121767	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	244868	20.00	ng	0.00
75) Chrysene-d12	14.19	240	215762	20.00	ng	0.00
86) Perylene-d12	15.75	264	148451	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	330311	72.69	ng	0.00
7) Phenol-d6	6.64	99	499571	76.76	ng	-0.01
23) Nitrobenzene-d5	7.57	82	356875	62.91	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	129395	80.50	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	575201	63.51	ng	0.00
78) Terphenyl-d14	13.12	244	657145	59.18	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.91	88	53503	25.335	ng	94
3) Pyridine	3.72	79	93011	19.062	ng	88
4) n-Nitrosodimethylamine	3.70	42	30522	12.540	ng	# 76
6) Aniline	6.69	93	128778	18.337	ng	# 83
8) 2-Chlorophenol	6.79	128	155145	27.923	ng	91
9) Benzaldehyde	6.58	77	18700	4.649	ng	89
10) Phenol	6.65	94	146979	19.366	ng	77
11) bis(2-Chloroethyl)ether	6.73	93	184528	27.611	ng	98
12) 1,3-Dichlorobenzene	6.94	146	172705	26.809	ng	98
13) 1,4-Dichlorobenzene	7.02	146	202456	28.791	ng	98
14) 1,2-Dichlorobenzene	7.17	146	187906	29.095	ng	98
15) Benzyl Alcohol	7.21	79	85859	18.339	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.26	45	286026	27.898	ng	73
17) 2-Methylphenol	7.26	107	108883	25.205	ng	# 55
18) Hexachloroethane	7.50	117	57940	23.958	ng	95
19) n-Nitroso-di-n-propylamine	7.40	70	119070	27.319	ng	93
20) 3+4-Methylphenols	7.42	107	113704	21.008	ng	# 22
22) Acetophenone	7.41	105	228381	31.773	ng	# 92
24) Nitrobenzene	7.58	77	154948	26.939	ng	92
25) Isophorone	7.81	82	305506	32.421	ng	97
26) 2-Nitrophenol	7.91	139	48782	18.735	ng	# 86
27) 2,4-Dimethylphenol	7.93	122	117484	31.024	ng	96
28) bis(2-Chloroethoxy)methane	8.02	93	178950	30.062	ng	98
29) 2,4-Dichlorophenol	8.15	162	110947	24.695	ng	99
30) 1,2,4-Trichlorobenzene	8.22	180	146909	29.242	ng	98
31) Naphthalene	8.31	128	467160	34.063	ng	99
32) Benzoic acid	7.93	122	117484	48.377	ng	# 18
33) 4-Chloroaniline	8.37	127	145838	24.089	ng	95
34) Hexachlorobutadiene	8.41	225	97074	29.428	ng	97
35) Caprolactam	8.71	113	26102	21.804	ng	# 81
36) 4-Chloro-3-methylphenol	8.84	107	116326	24.125	ng	98
37) 2-Methylnaphthalene	9.00	142	270048	29.103	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	144385	33.400	ng	# 96
40) Hexachlorocyclopentadiene	9.14	237	6208	10.124	ng	96

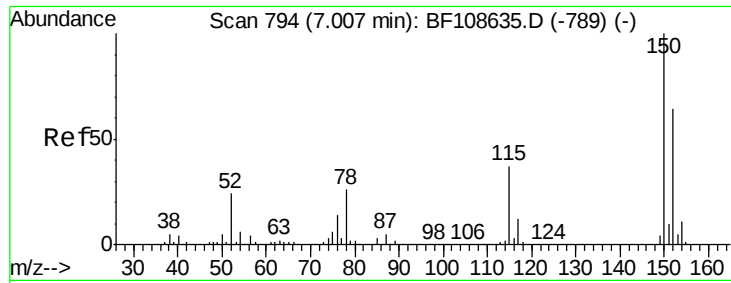
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	67438	26.343	nq	95
43) 2,4,5-Trichlorophenol	9.33	196	91935	30.797	nq	96
45) 1,1'-Biphenyl	9.46	154	341308	32.197	nq	96
46) 2-Chloronaphthalene	9.49	162	250539	30.189	nq	98
47) 2-Nitroaniline	9.61	65	80006	28.824	nq	89
48) Acenaphthylene	9.91	152	386469	31.809	nq	99
49) Dimethylphthalate	9.75	163	341481	35.613	nq	99
50) 2,6-Dinitrotoluene	9.82	165	52435	24.809	nq	# 86
51) Acenaphthene	10.08	154	220828	30.398	nq	99
52) 3-Nitroaniline	10.02	138	68562	29.986	nq	92
54) Dibenzofuran	10.25	168	329312	28.970	nq	96
55) 4-Nitrophenol	10.22	139	27543	22.519	nq	87
56) 2,4-Dinitrotoluene	10.24	165	61952	22.137	nq	# 75
57) Fluorene	10.59	166	264963	30.078	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	79857	29.861	nq	# 77
59) Diethylphthalate	10.45	149	283333	29.329	nq	97
60) 4-Chlorophenyl-phenylether	10.58	204	137329	27.472	nq	93
61) 4-Nitroaniline	10.65	138	66476	30.045	nq	92
62) Azobenzene	10.74	77	253498	26.400	nq	93
65) n-Nitrosodiphenylamine	10.70	169	237586	29.204	nq	96
66) 4-Bromophenyl-phenylether	11.07	248	86562	28.763	nq	90
67) Hexachlorobenzene	11.14	284	89136	27.492	nq	# 85
68) Atrazine	11.22	200	73353	28.243	nq	99
69) Pentachlorophenol	11.35	266	58573	33.997	nq	96
70) Phenanthrene	11.57	178	367777	29.756	nq	99
71) Anthracene	11.62	178	439009	33.804	nq	99
72) Carbazole	11.78	167	376590	29.990	nq	99
73) Di-n-butylphthalate	12.08	149	431841	29.890	nq	99
74) Fluoranthene	12.76	202	468207	33.654	nq	95
76) Benzidine	12.90	184	199387	32.829	nq	98
77) Pyrene	12.99	202	464998	28.669	nq	99
79) Butylbenzylphthalate	13.59	149	201970	29.614	nq	97
80) Benzo(a)anthracene	14.19	228	393019	29.880	nq	99
81) 3,3'-Dichlorobenzidine	14.15	252	149609	31.364	nq	# 98
82) Chrysene	14.22	228	393677	31.122	nq	98
83) Bis(2-ethylhexyl)phthalate	14.14	149	278571	31.777	nq	98
84) Di-n-octyl phthalate	14.76	149	453423	35.179	nq	96
85) Indeno(1,2,3-cd)pyrene	17.38	276	256344	29.145	nq	# 89
87) Benzo(b)fluoranthene	15.28	252	266966	29.275	nq	# 97
88) Benzo(k)fluoranthene	15.32	252	312022	34.540	nq	# 95
89) Benzo(a)pyrene	15.69	252	259662	31.508	nq	# 96
90) Dibenzo(a,h)anthracene	17.39	278	216915	32.956	nq	# 93
91) Benzo(g,h,i)perylene	17.87	276	210016	32.830	nq	# 90

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

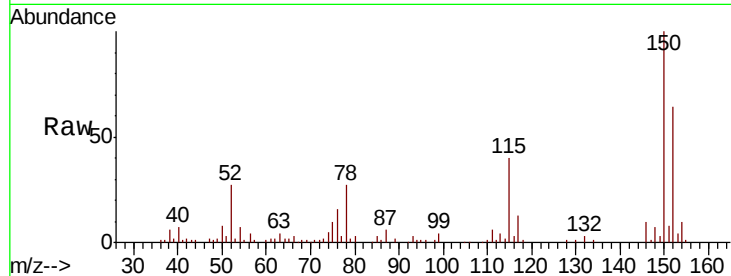


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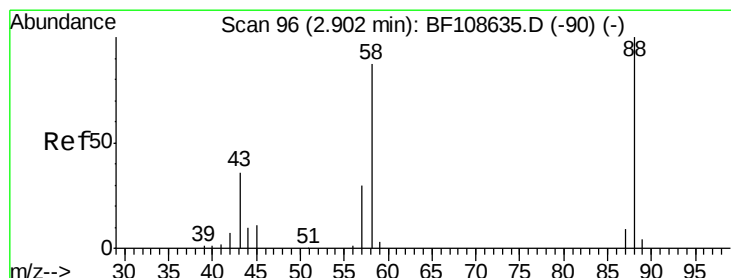
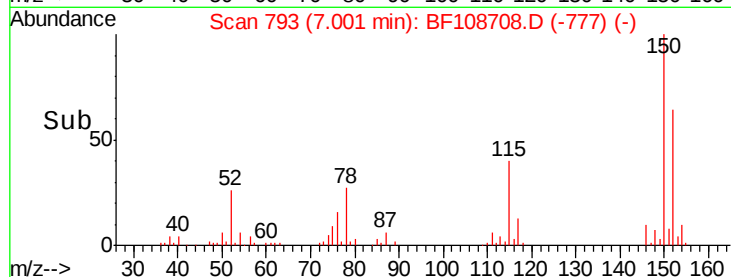
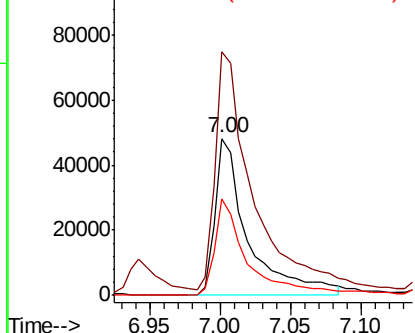
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78941
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 61.9 50.1 75.1



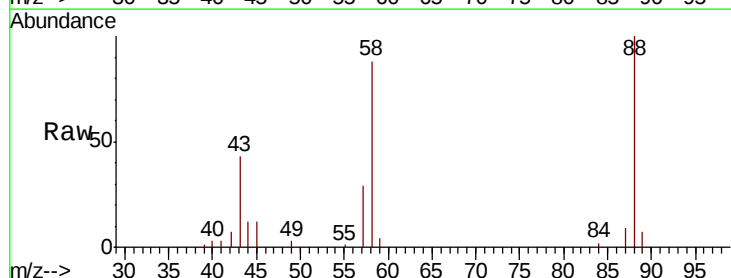
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



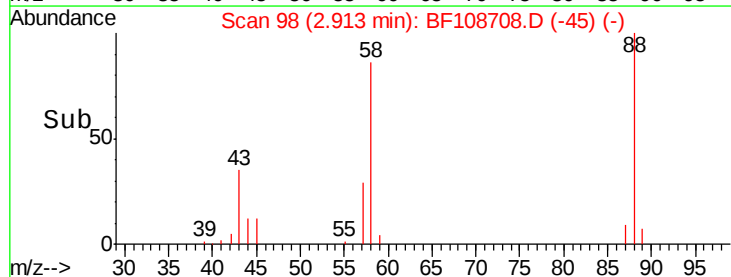
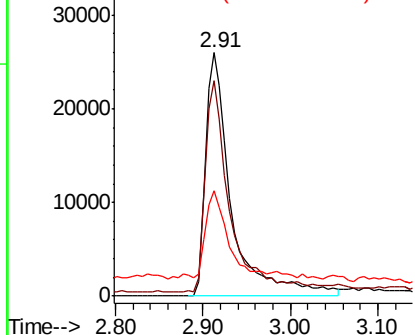
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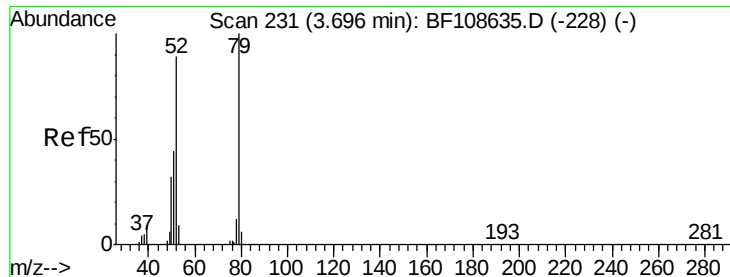
1,4-Dioxane
Concen: 25.335 ng
RT: 2.91 min Scan# 98
Delta R.T. 0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion: 88 Resp: 53503
Ion Ratio Lower Upper
88 100
58 84.1 62.6 93.8
43 32.3 24.6 37.0



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





#3

Pvridine

Concen: 19.062 ng

RT: 3.72 min Scan# 236

Delta R.T. 0.03 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

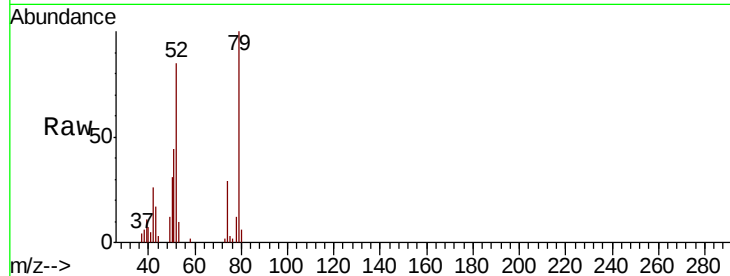
Tot Ion: 79 Resp: 93011

Ion Ratio Lower Upper

79 100

52 85.2 59.8 89.6

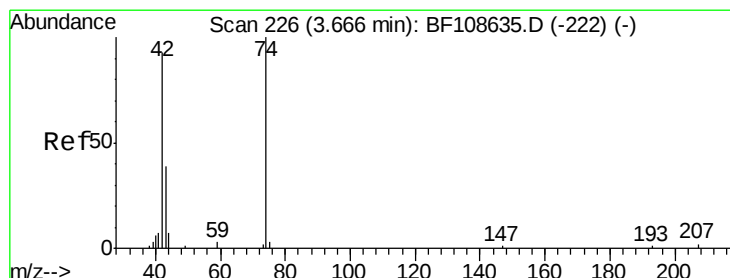
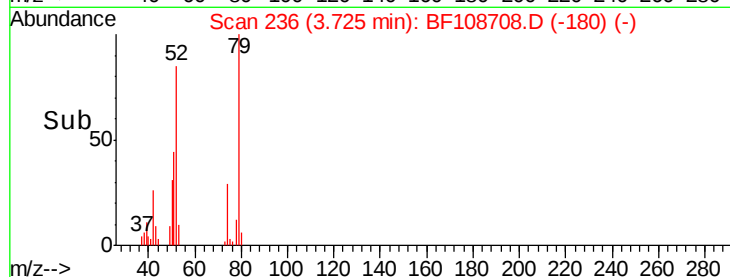
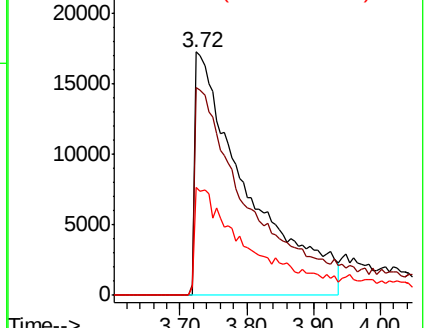
51 44.2 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 12.540 ng

RT: 3.70 min Scan# 232

Delta R.T. 0.04 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

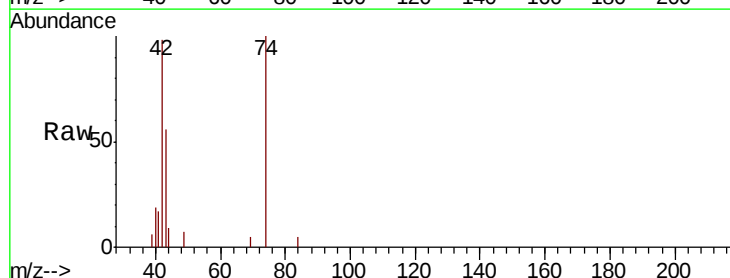
Tgt Ion: 42 Resp: 30522

Ion Ratio Lower Upper

42 100

74 101.6 104.9 157.3#

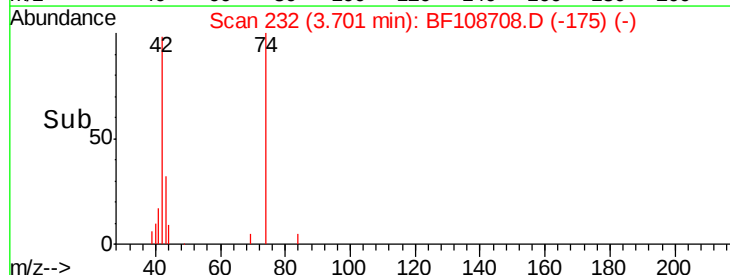
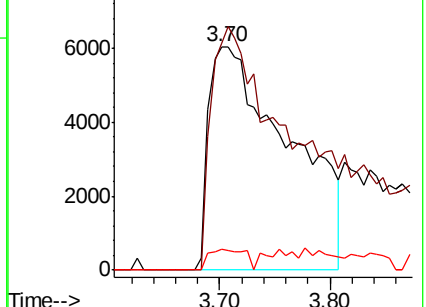
44 9.1 6.9 10.3

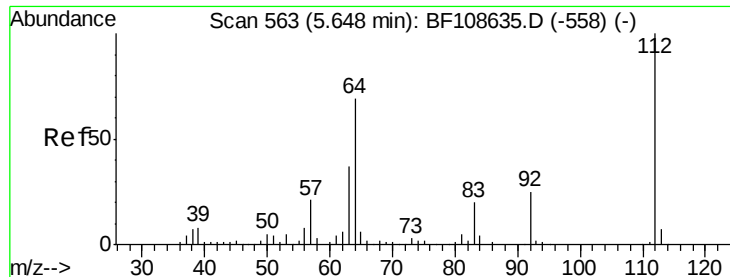


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 72.689 ng

RT: 5.64 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Instrument :

BNA_F

ClientSampled :

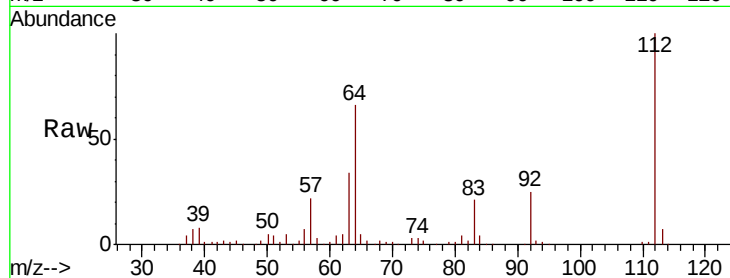
Tot Ion:112 Resp: 330311

Ion Ratio Lower Upper

112 100

64 66.3 47.9 71.9

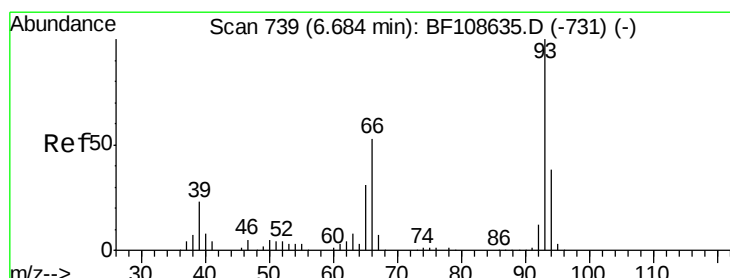
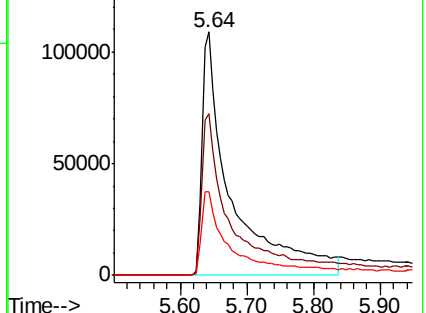
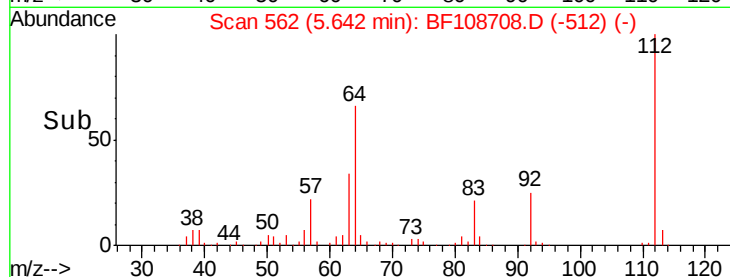
63 34.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.337 ng

RT: 6.69 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

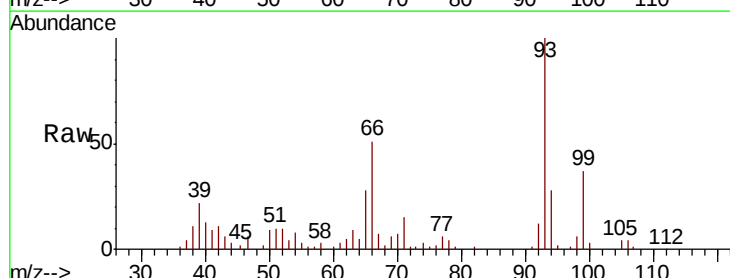
Tgt Ion: 93 Resp: 128778

Ion Ratio Lower Upper

93 100

66 51.2 32.2 48.2#

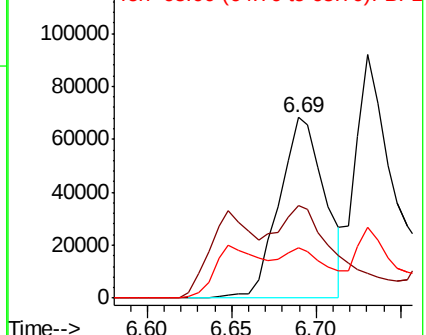
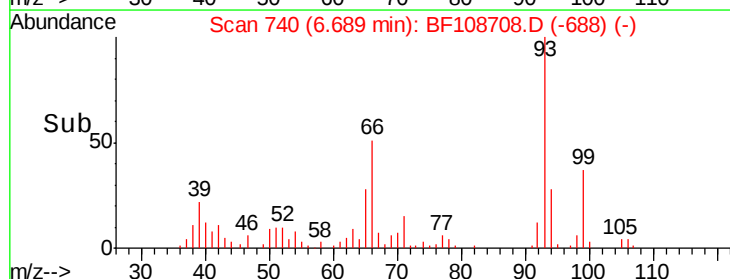
65 27.9 16.4 24.6#

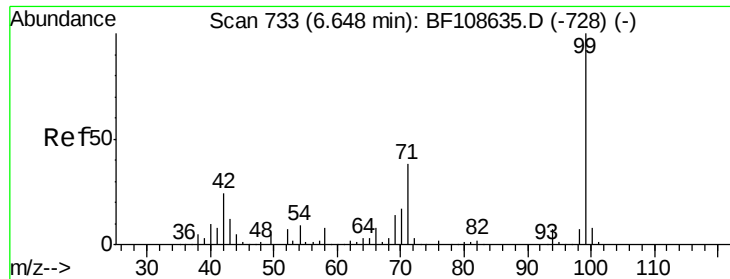


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.758 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

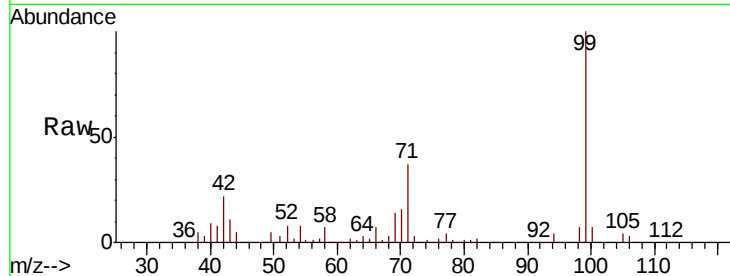
Tot Ion: 99 Resp: 499571

Ion Ratio Lower Upper

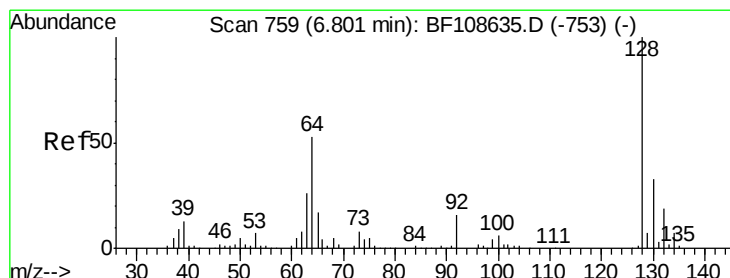
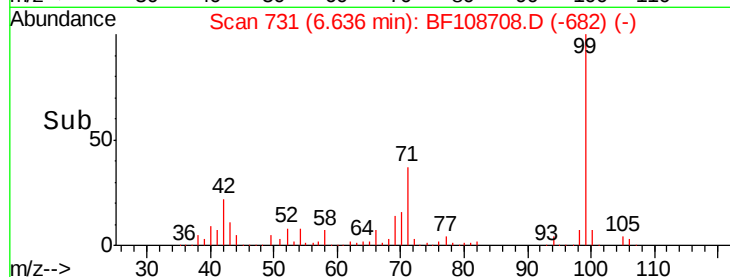
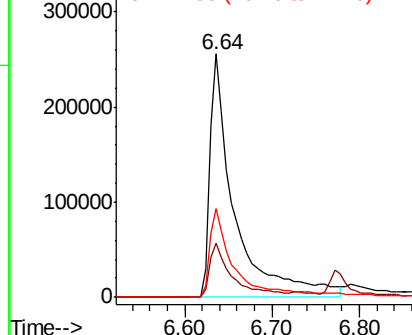
99 100

42 22.5 14.5 21.7#

71 36.5 25.4 38.0



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



#8

2-Chlorophenol

Concen: 27.923 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

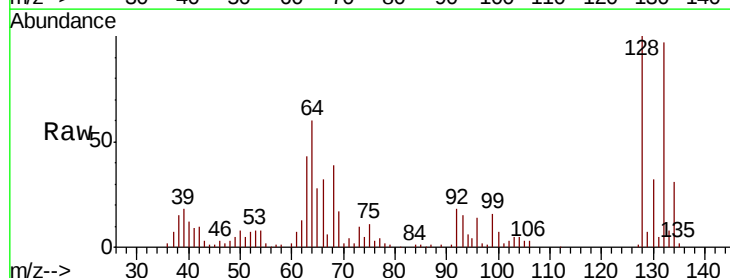
Tgt Ion:128 Resp: 155145

Ion Ratio Lower Upper

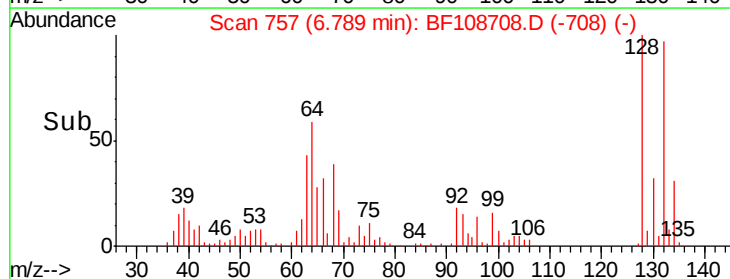
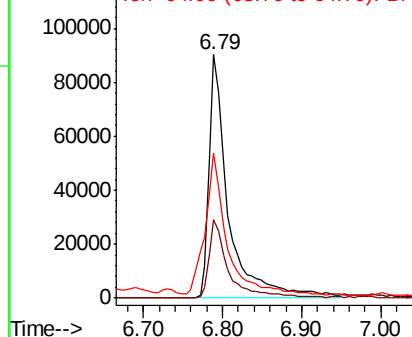
128 100

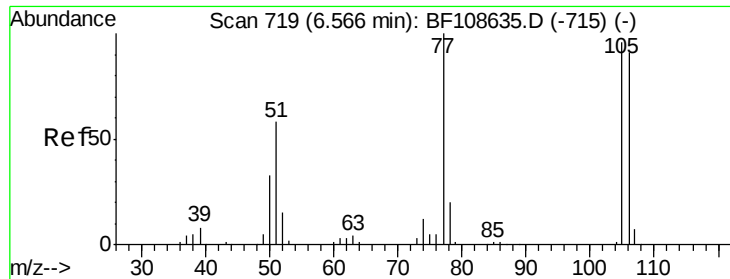
130 32.4 13.0 53.0

64 59.8 29.4 69.4



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

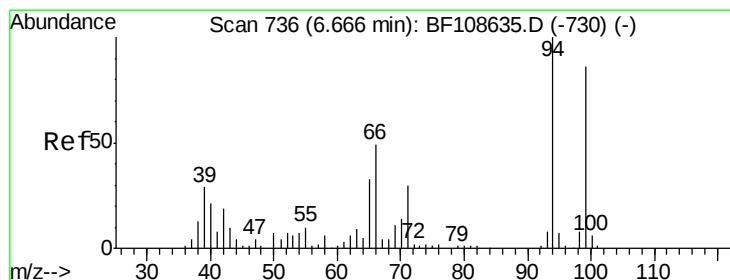
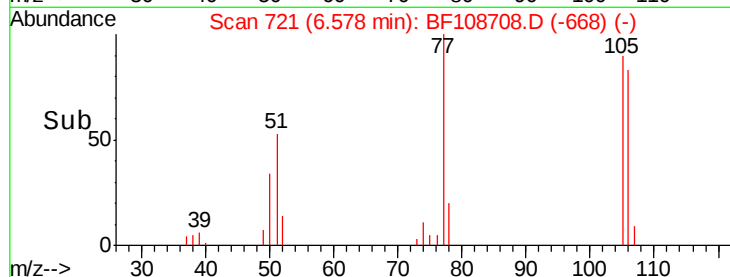
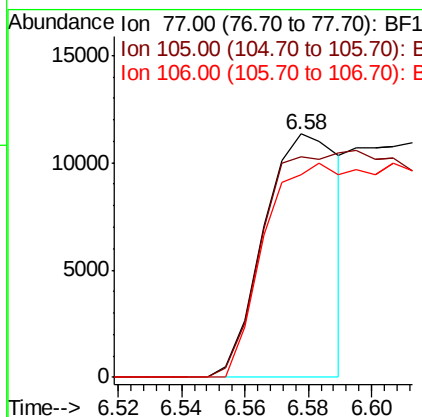
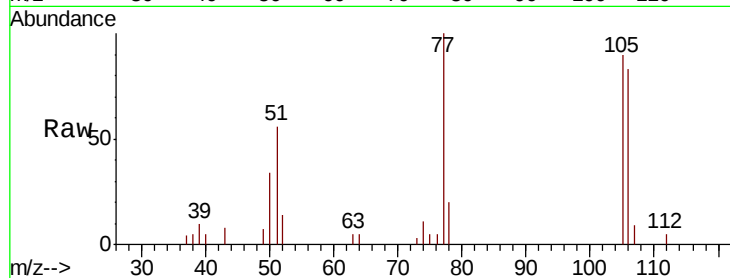




#9
Benzaldehyde
Concen: 4.649 ng
RT: 6.58 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

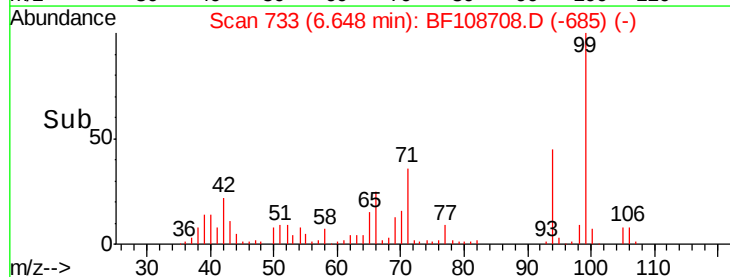
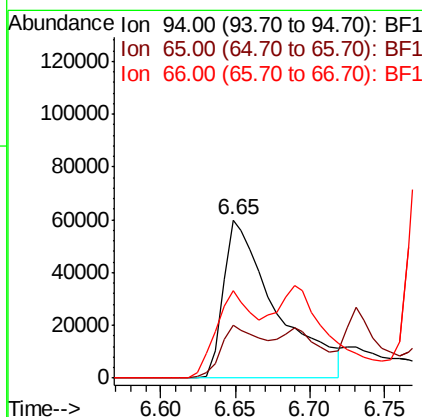
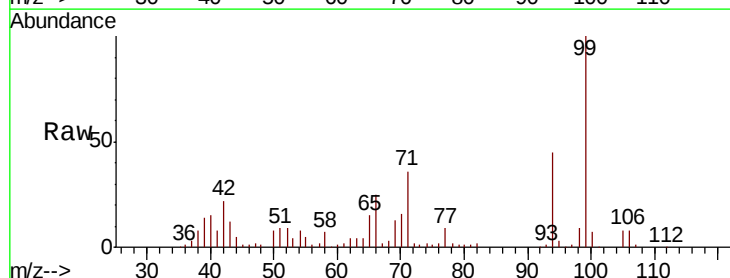
Instrument :
BNA_F
ClientSampled :

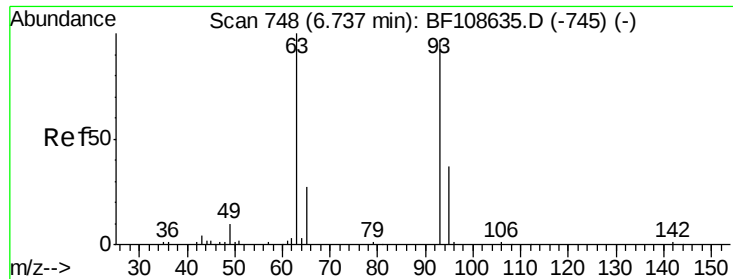
Tot Ion: 77 Resp: 18700
Ion Ratio Lower Upper
77 100
105 90.5 81.1 121.1
106 83.3 74.5 114.5



#10
Phenol
Concen: 19.366 ng
RT: 6.65 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion: 94 Resp: 146979
Ion Ratio Lower Upper
94 100
65 33.6 7.9 47.9
66 55.2 16.2 56.2

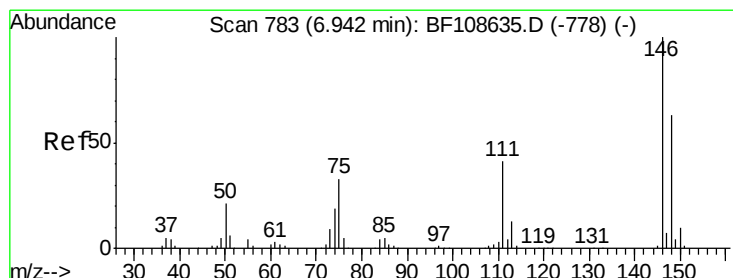
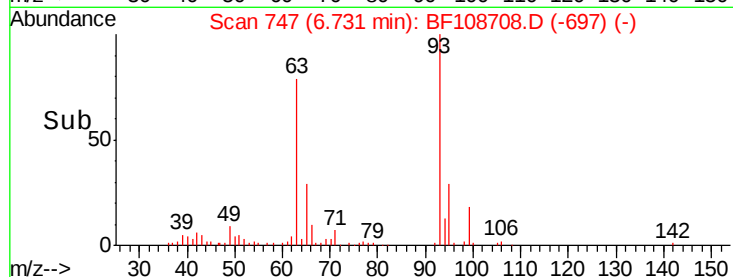
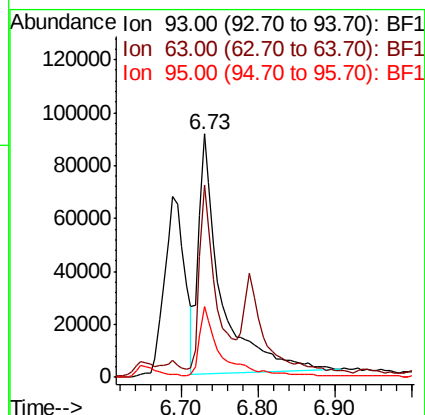
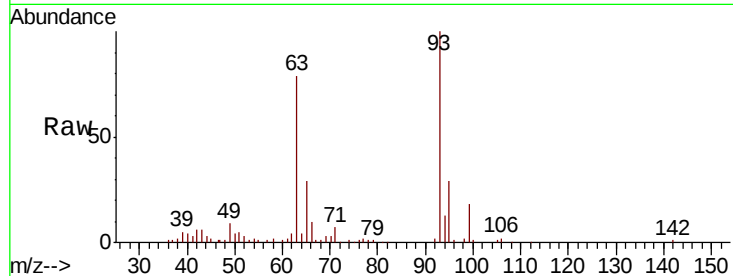




#11
bis(2-Chloroethyl)ether
Concen: 27.611 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

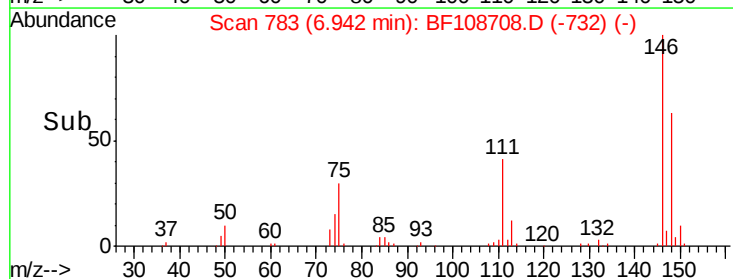
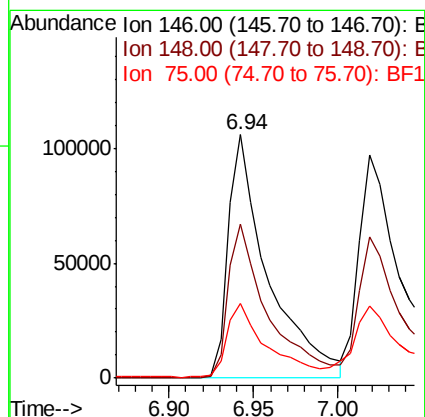
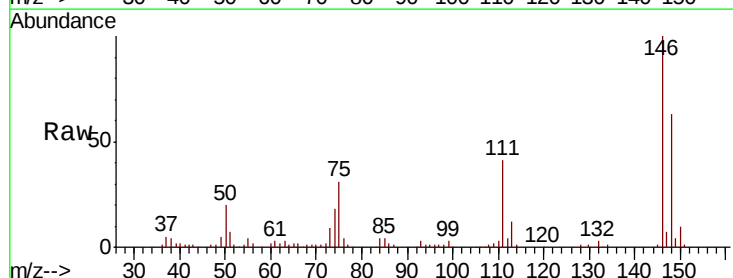
Instrument :
BNA_F
ClientSampleId :

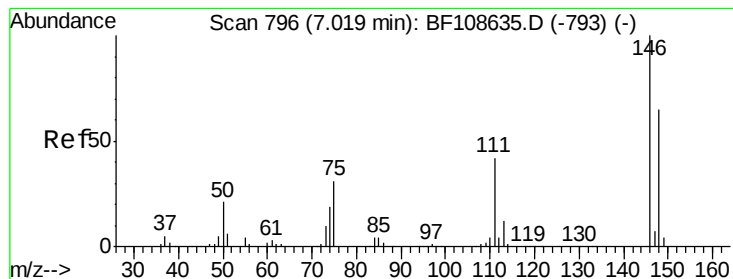
Tot Ion: 93 Resp: 184528
Ion Ratio Lower Upper
93 100
63 79.1 58.6 98.6
95 29.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 26.809 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion: 146 Resp: 172705
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.8
75 30.6 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 28.791 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

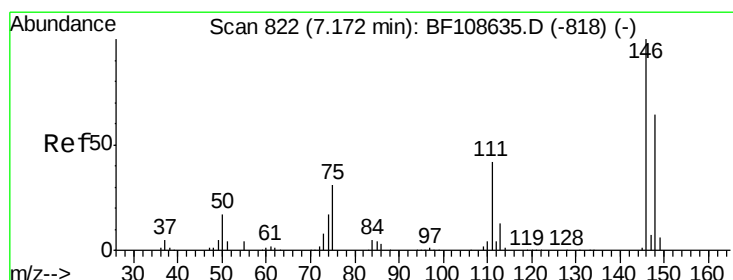
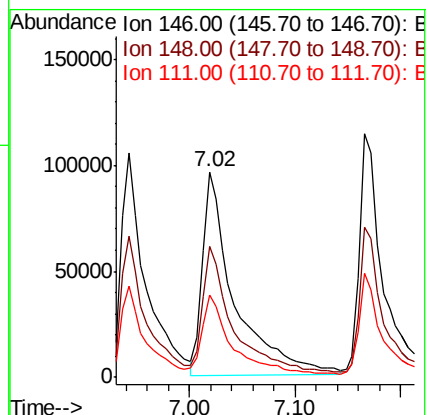
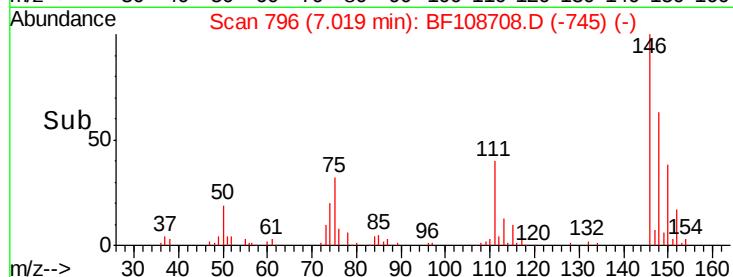
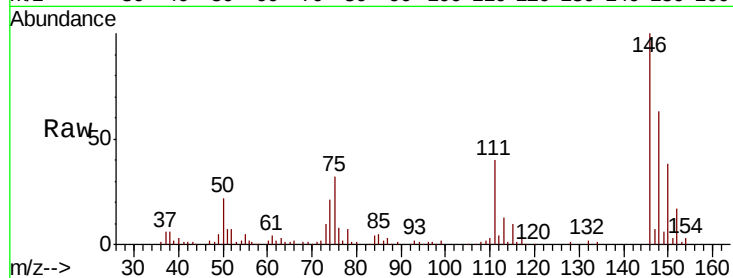
Tot Ion:146 Resp: 202456

Ion Ratio Lower Upper

146 100

148 63.3 50.8 76.2

111 39.7 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 29.095 ng

RT: 7.17 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

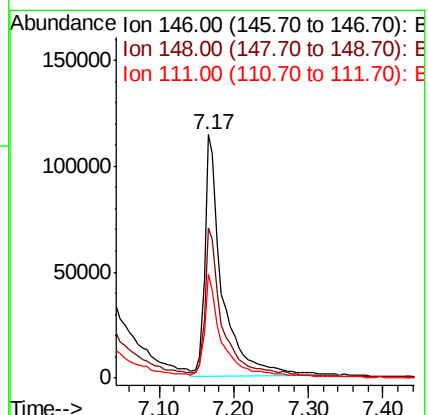
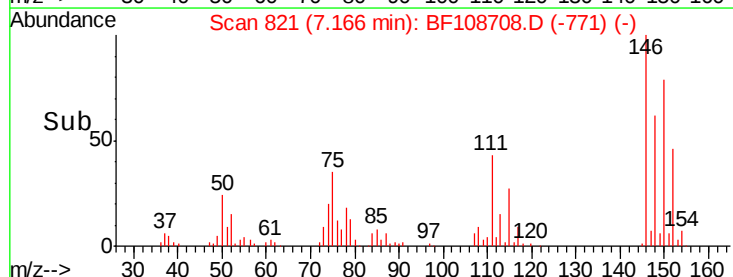
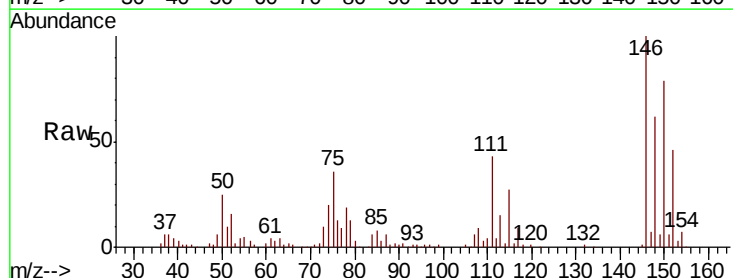
Tgt Ion:146 Resp: 187906

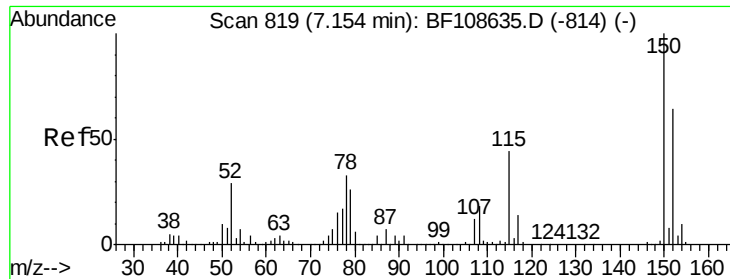
Ion Ratio Lower Upper

146 100

148 61.8 50.6 75.8

111 43.0 36.0 54.0





#15

Benzyl Alcohol

Concen: 18.339 ng

RT: 7.21 min Scan# 829

Delta R.T. 0.06 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleID :

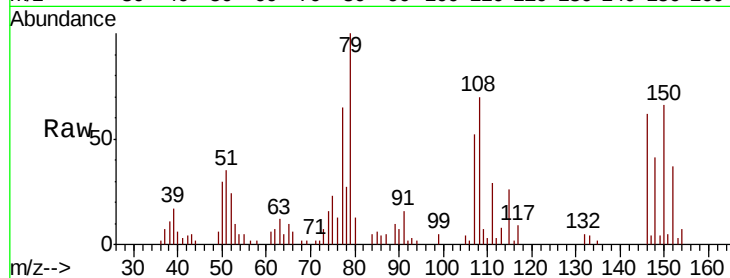
Tot Ion: 79 Resp: 85859

Ion Ratio Lower Upper

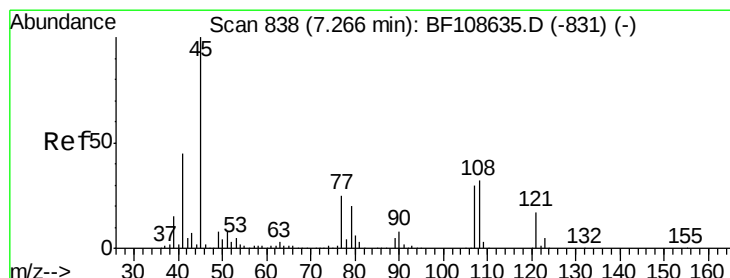
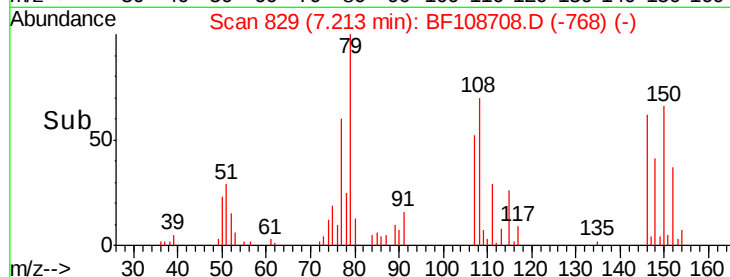
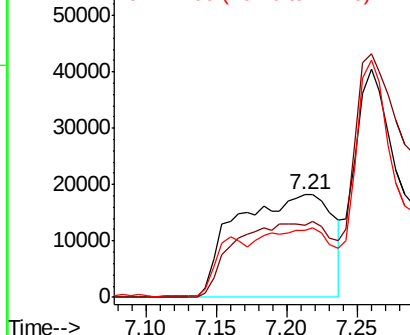
79 100

108 69.7 65.1 97.7

77 65.0 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.898 ng

RT: 7.26 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

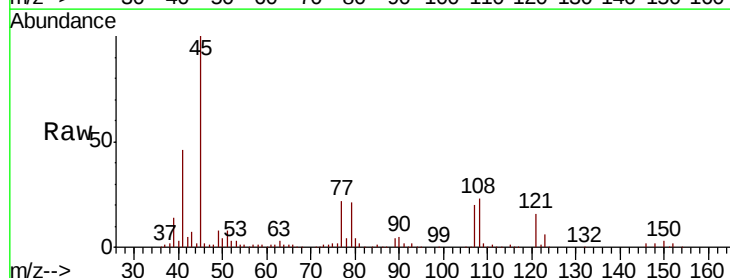
Tgt Ion: 45 Resp: 286026

Ion Ratio Lower Upper

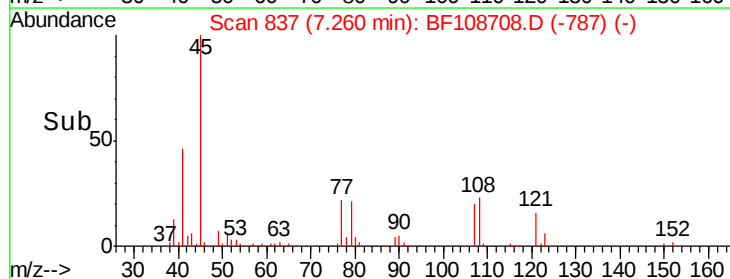
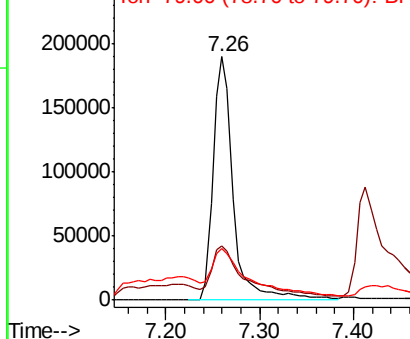
45 100

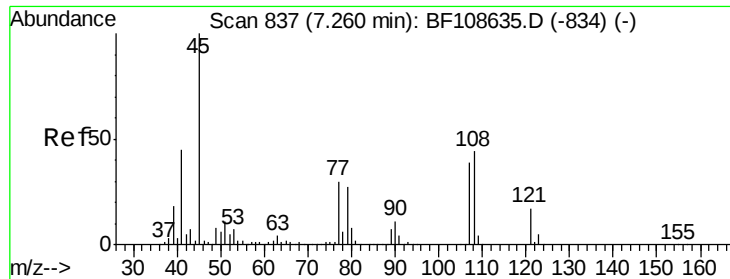
77 22.2 0.0 32.9

79 21.3 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 25.205 ng

RT: 7.26 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 108883

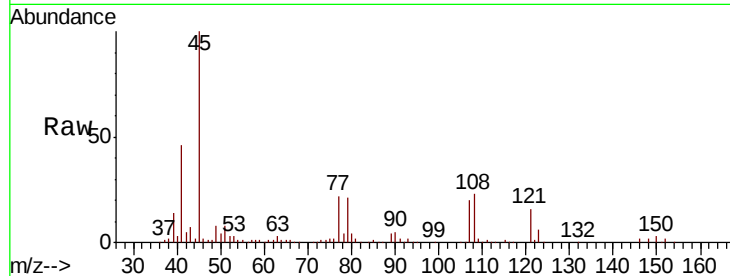
Ion Ratio Lower Upper

107 100

108 111.8 91.7 137.5

77 109.2 33.8 50.8#

79 104.9 33.8 50.8#

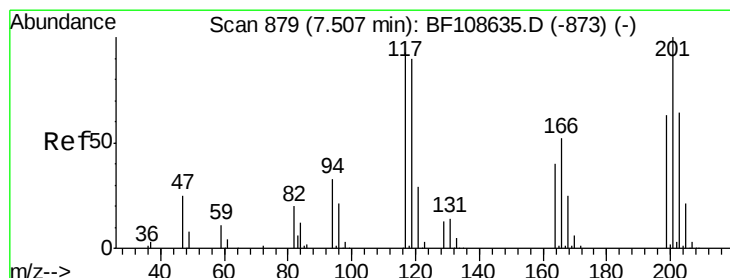
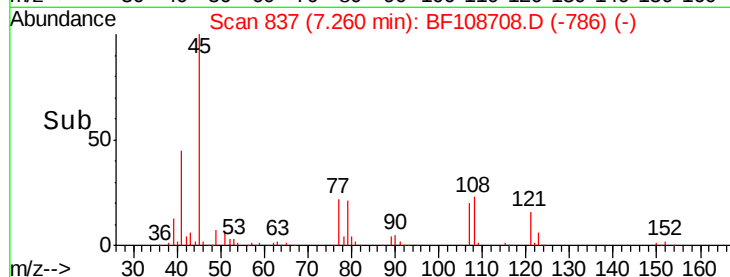
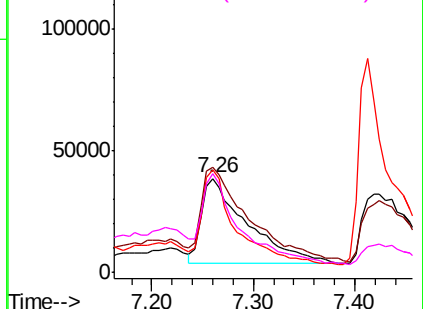


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 23.958 ng

RT: 7.50 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

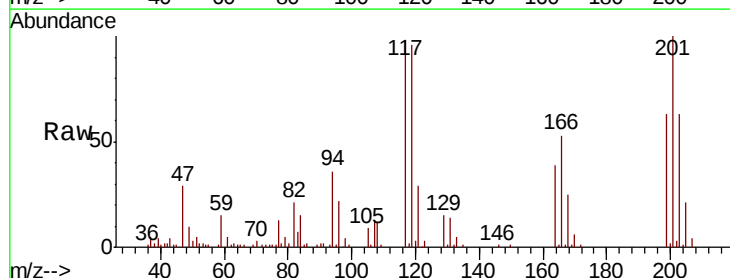
Tgt Ion:117 Resp: 57940

Ion Ratio Lower Upper

117 100

119 97.5 75.8 113.8

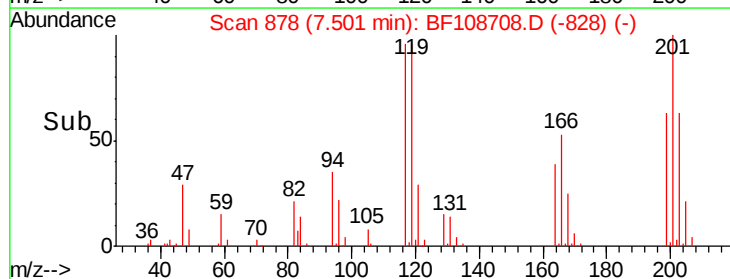
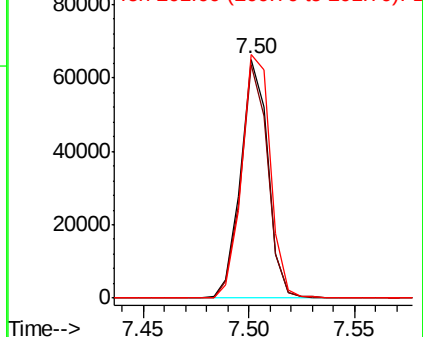
201 101.9 75.7 113.5

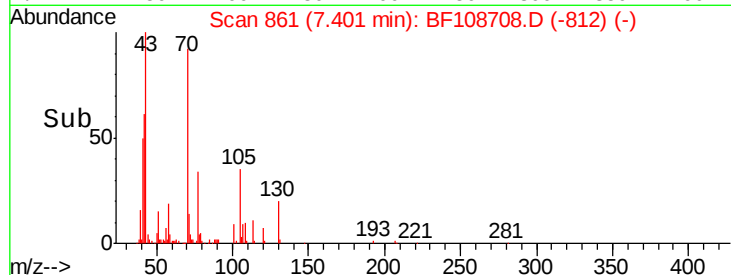
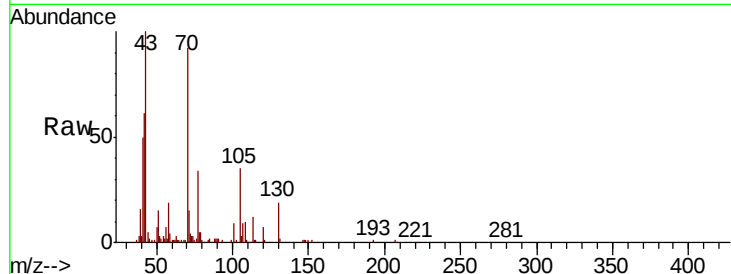
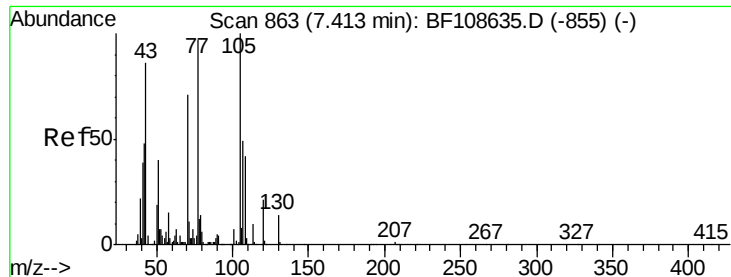


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

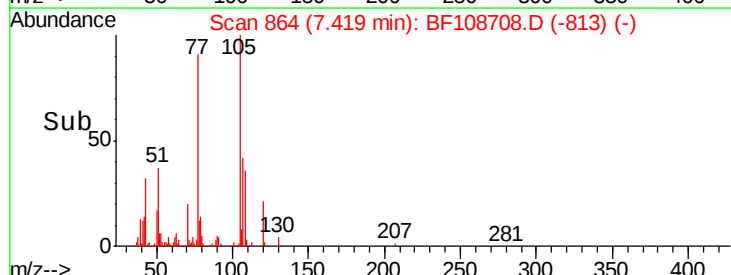
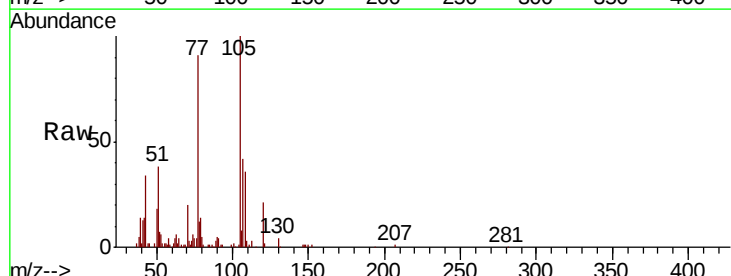
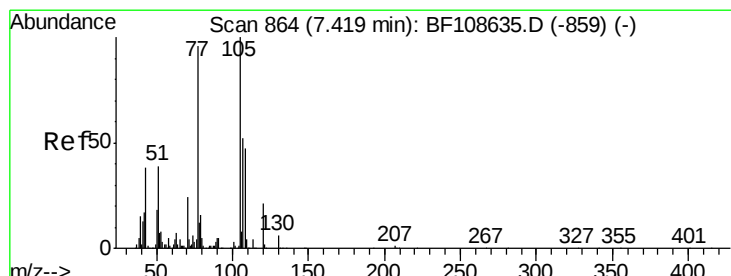
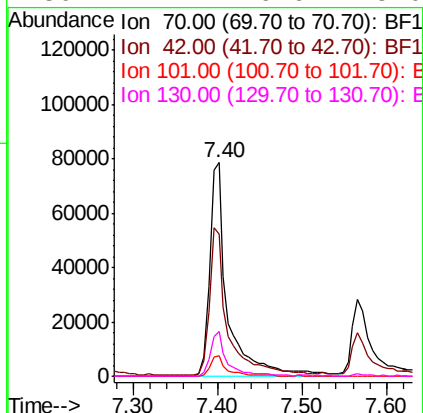




#19
n-Nitroso-di-n-propylamine
Concen: 27.319 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

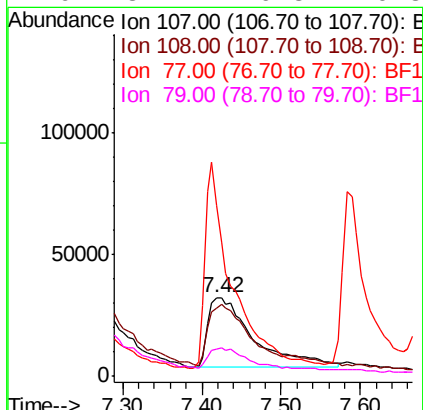
Instrument :
BNA_F
ClientSampleId :

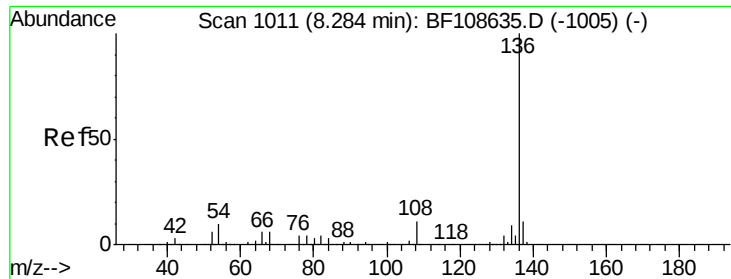
Tot Ion:	70	Resp:	119070
Ion	Ratio	Lower	Upper
70	100		
42	66.8	47.5	71.3
101	9.7	7.4	11.2
130	21.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 21.008 ng
RT: 7.42 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion:	107	Resp:	113704
Ion	Ratio	Lower	Upper
107	100		
108	87.1	68.2	108.2
77	218.3	26.7	66.7#
79	34.4	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 287933

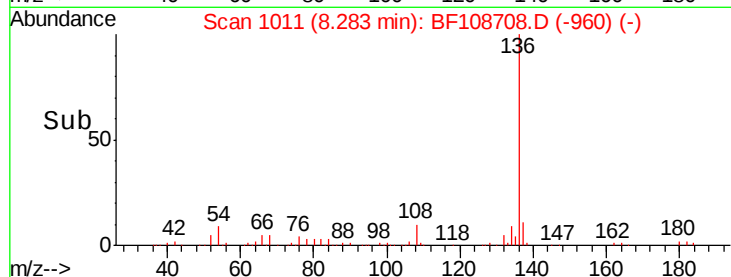
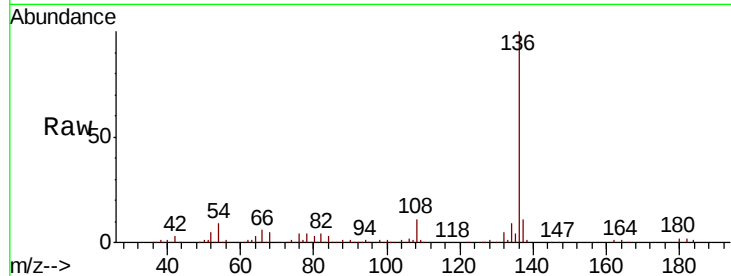
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 9.4 6.6 9.8

68 5.3 5.0 7.4

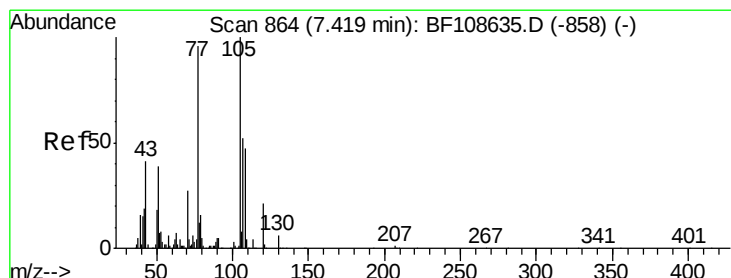
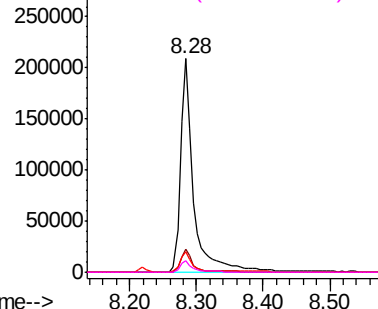


Abundance Ion 136.00 (135.70 to 136.70): E

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: 31.773 ng

RT: 7.41 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Tgt Ion:105 Resp: 228381

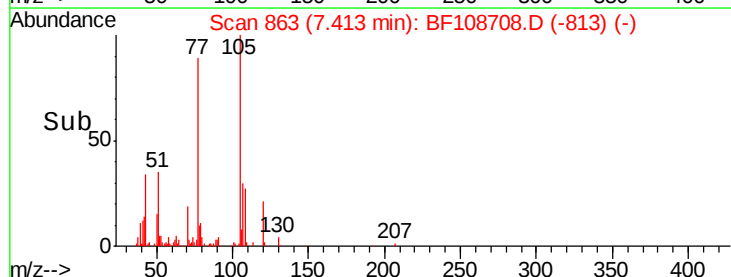
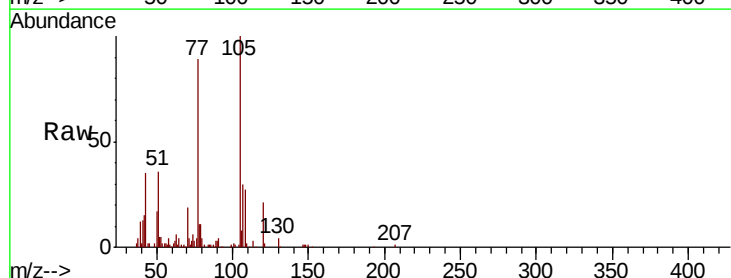
Ion Ratio Lower Upper

105 100

71 3.6 4.4 6.6#

51 35.5 22.3 33.5#

120 20.7 16.9 25.3

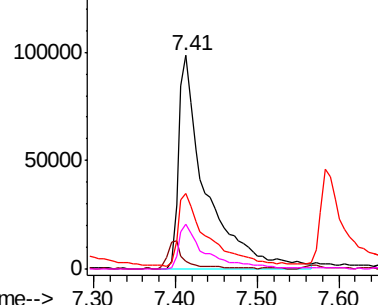


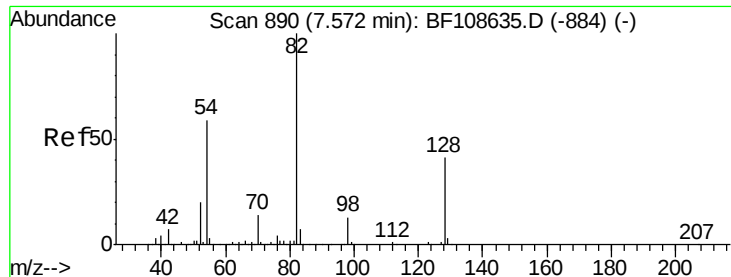
Abundance Ion 105.00 (104.70 to 105.70): E

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

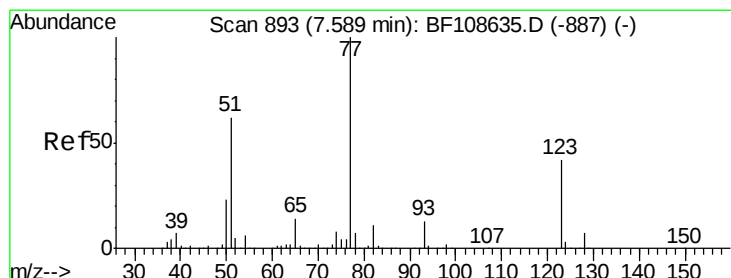
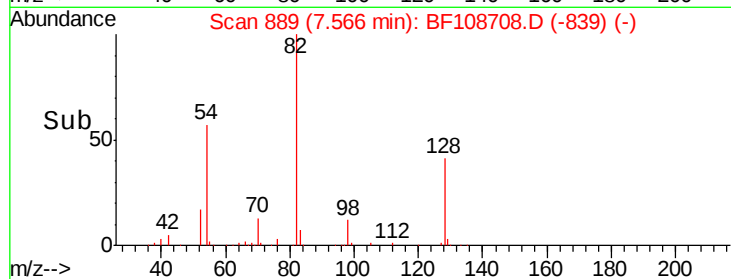
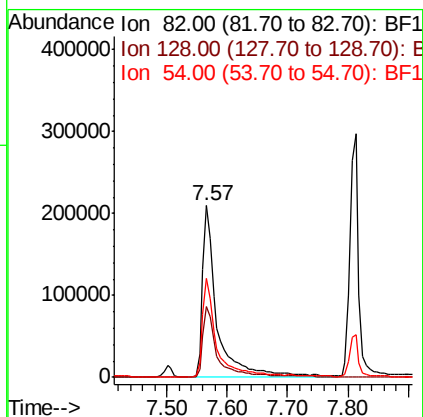
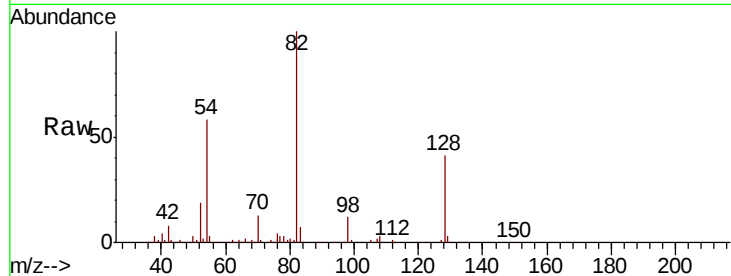




#23
Nitrobenzene-d5
Concen: 62.912 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

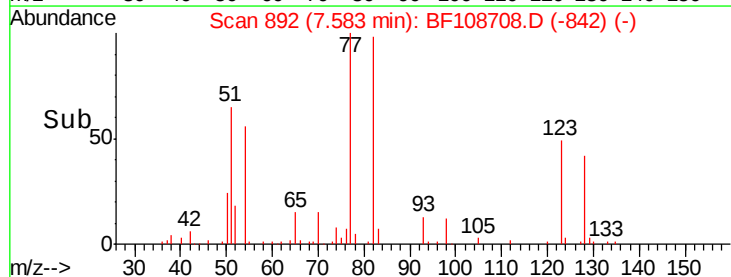
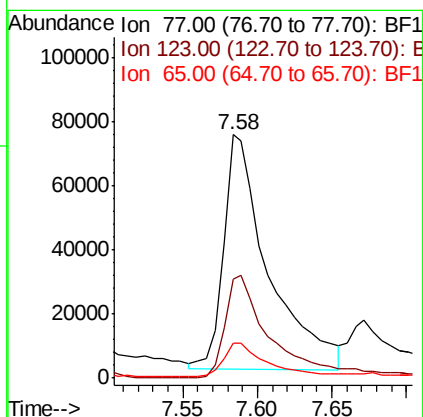
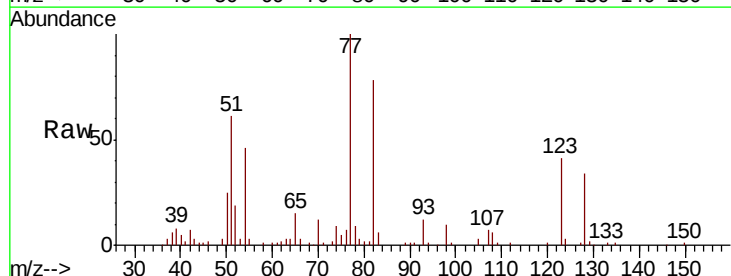
Instrument :
BNA_F
ClientSampleId :

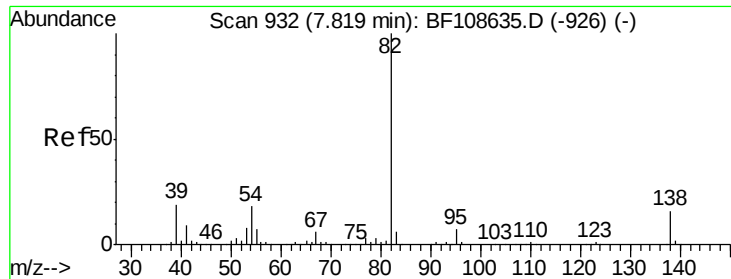
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	36.1	54.1
54	58.0	41.4	62.2



#24
Nitrobenzene
Concen: 26.939 ng
RT: 7.58 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.7	37.9	56.9
65	14.5	11.0	16.4

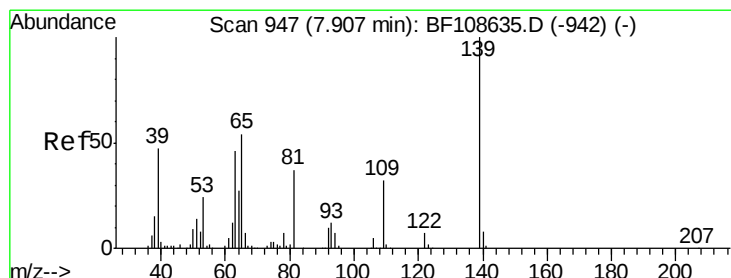
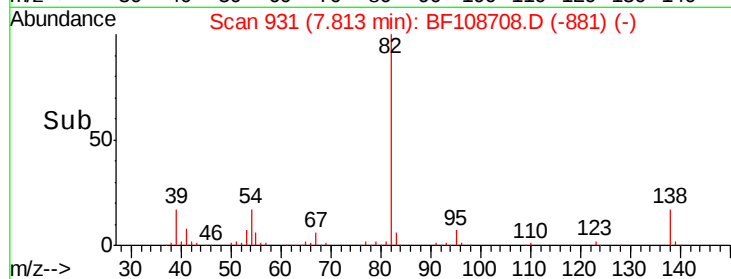
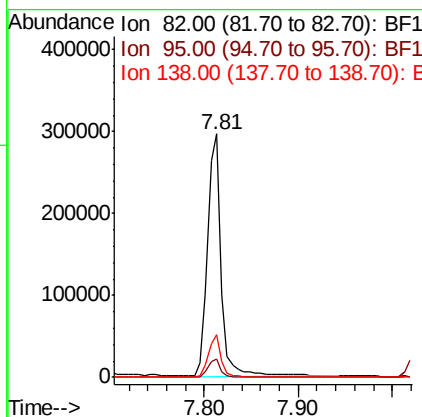
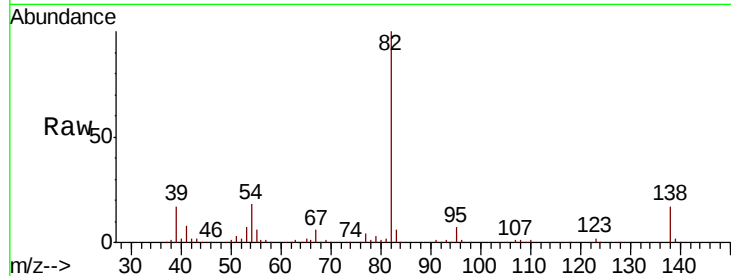




#25
Isophorone
Concen: 32.421 ng
RT: 7.81 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

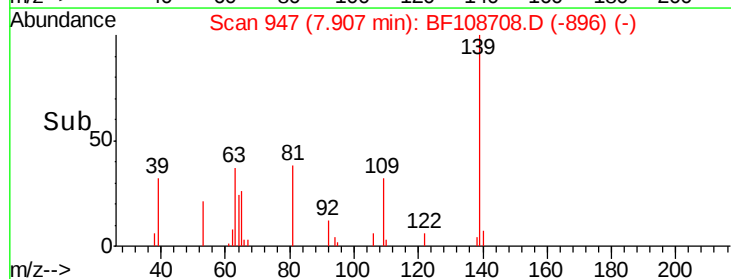
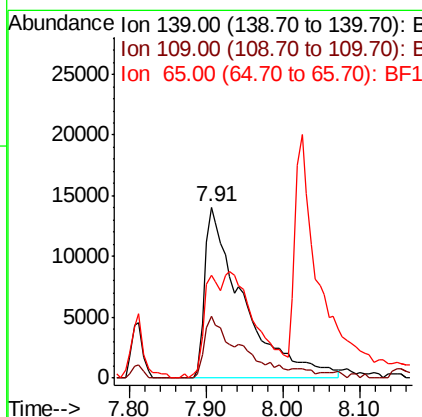
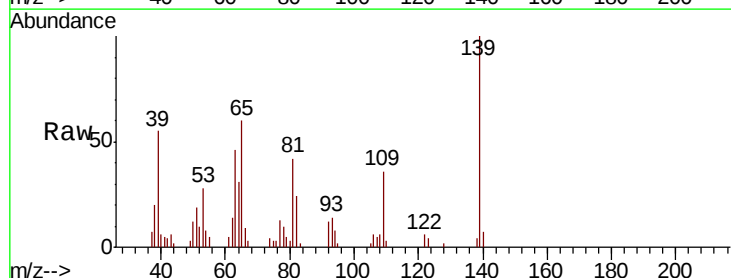
Instrument :
BNA_F
ClientSampleId :

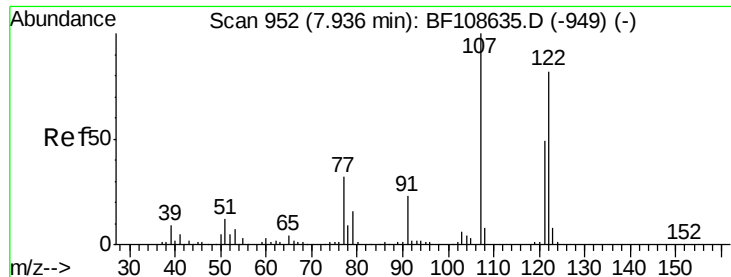
Tot Ion	82	Resp	305506
Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.2	7.8
138	17.3	14.9	22.3



#26
2-Nitrophenol
Concen: 18.735 ng
RT: 7.91 min Scan# 947
Delta R.T. -0.00 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion	139	Resp	48782
Ion	Ratio	Lower	Upper
139	100		
109	36.5	22.7	34.1#
65	60.3	40.5	60.7

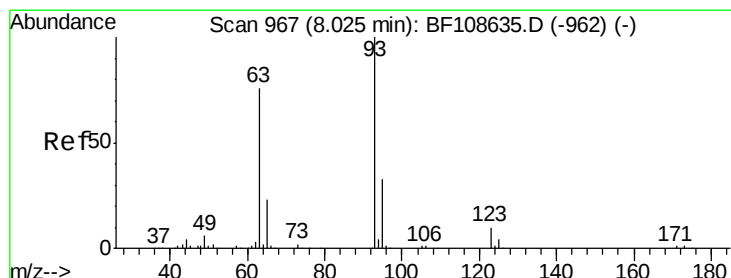
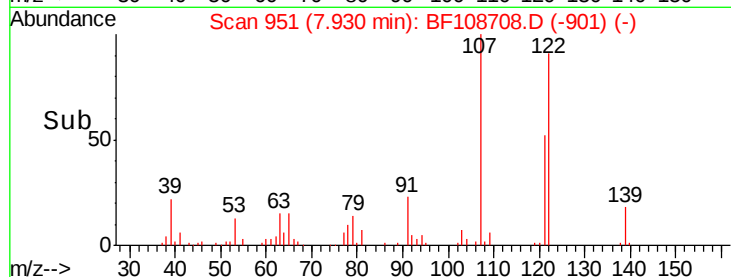
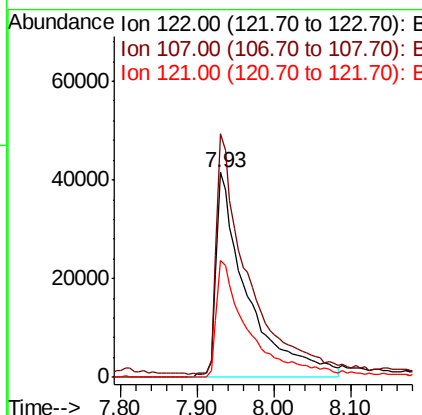
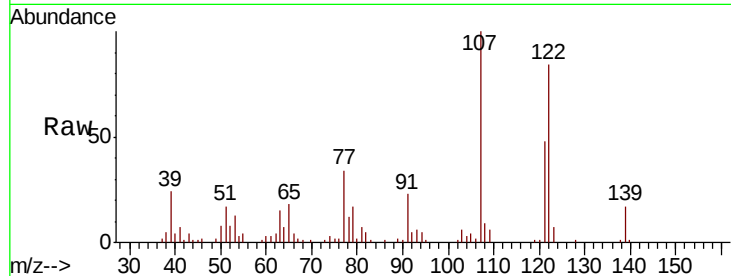




#27
 2,4-Dimethylphenol
 Concen: 31.024 ng
 RT: 7.93 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

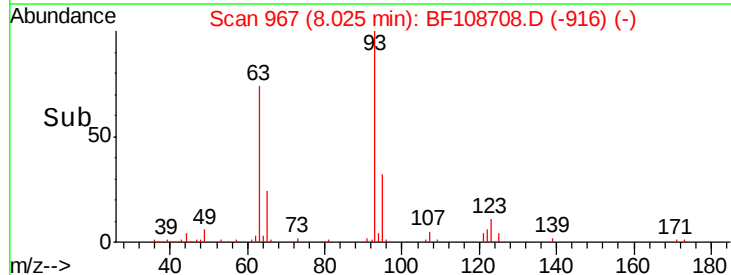
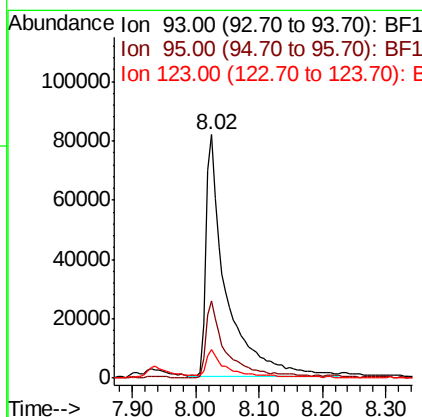
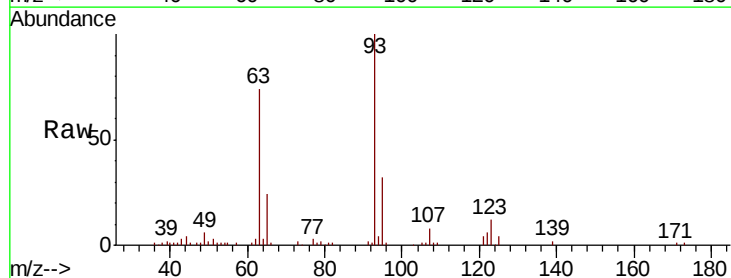
Instrument :
 BNA_F
 ClientSampleId :

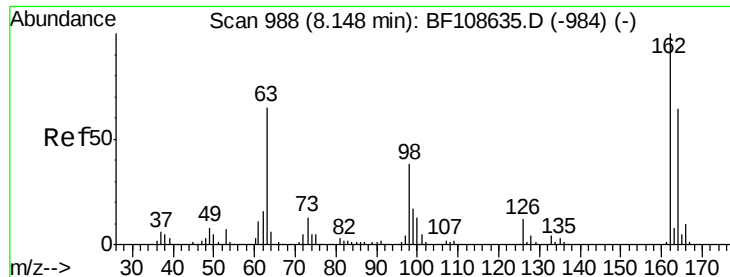
Tot Ion:122 Resp: 117484
 Ion Ratio Lower Upper
 122 100
 107 118.8 91.2 136.8
 121 57.2 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 30.062 ng
 RT: 8.02 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Tgt Ion: 93 Resp: 178950
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.3 39.5
 123 12.0 9.8 14.6

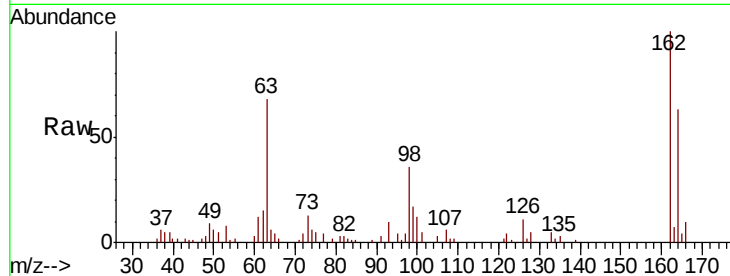




#29
2,4-Dichlorophenol
Concen: 24.695 ng
RT: 8.15 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	42.7	82.7
98	36.0	18.1	58.1

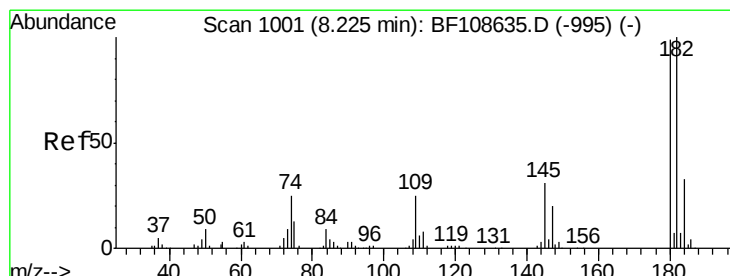
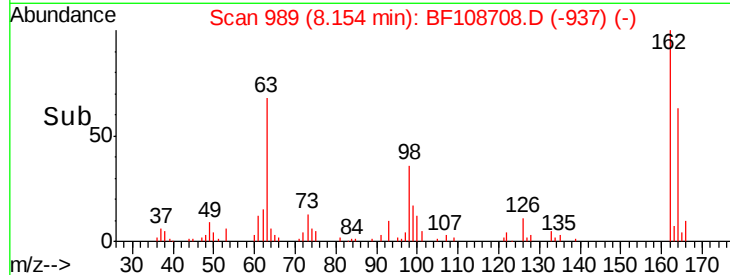
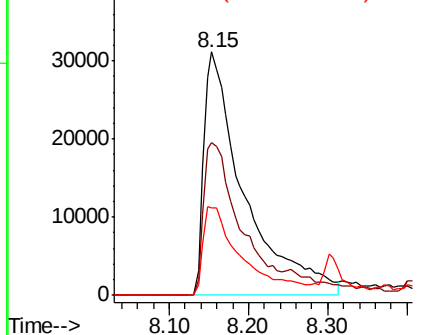


Abundance

Ion 162.00 (161.70 to 162.70): E

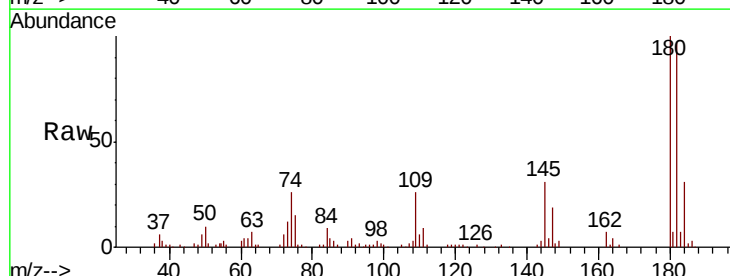
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 29.242 ng
RT: 8.22 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	76.8	115.2
145	31.0	26.5	39.7

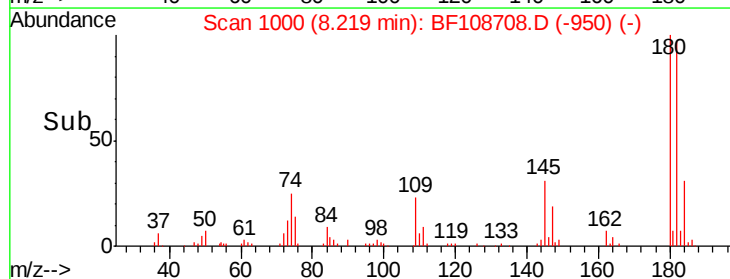
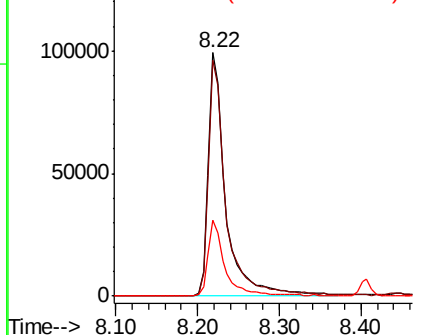


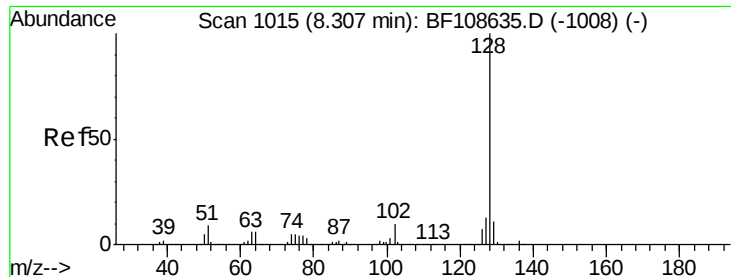
Abundance

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

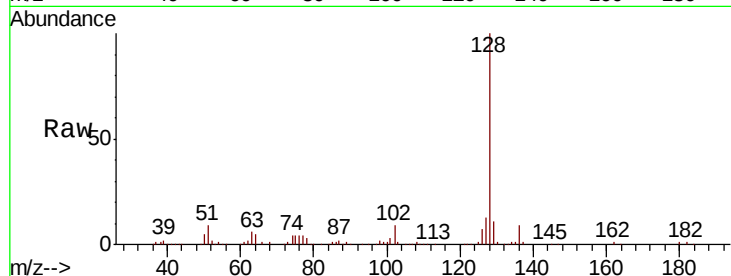




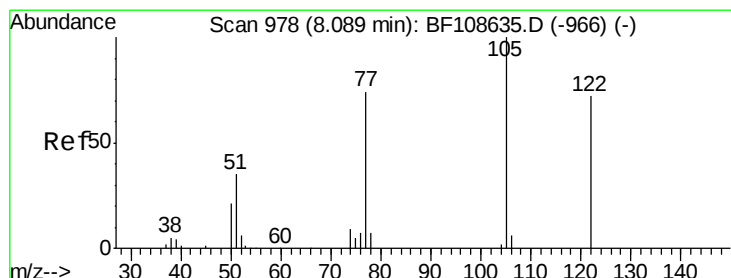
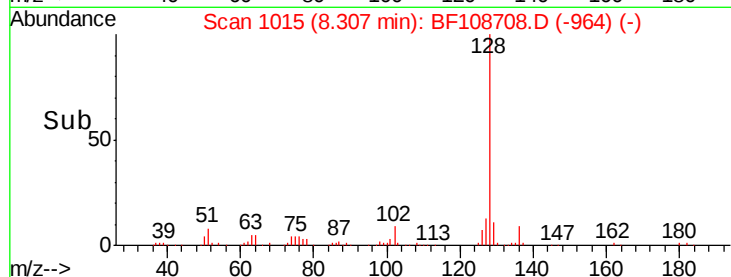
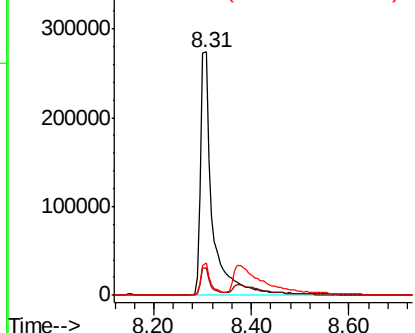
#31
Naphthalene
Concen: 34.063 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 467160
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.9 16.3

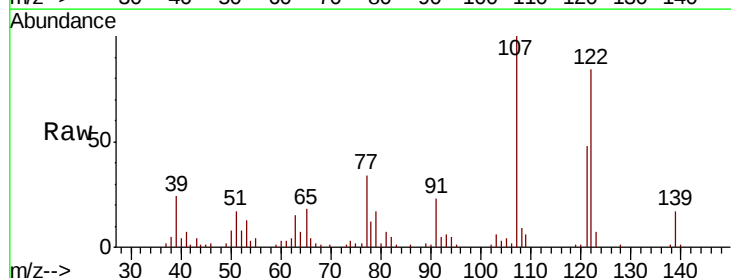


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

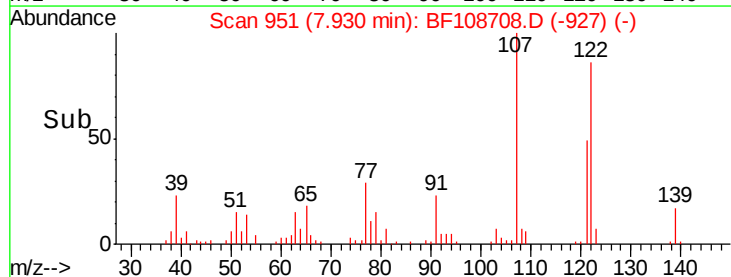
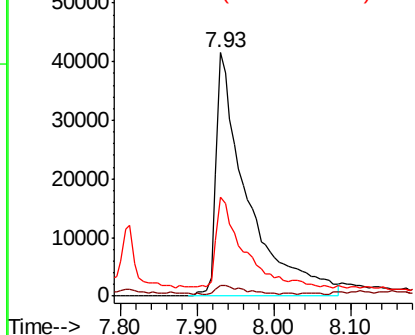


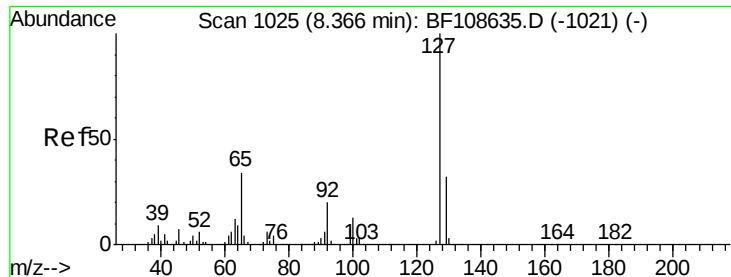
#32
Benzoic acid
Concen: 48.377 ng
RT: 7.93 min Scan# 951
Delta R.T. -0.16 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion:122 Resp: 117484
Ion Ratio Lower Upper
122 100
105 4.5 101.1 141.1#
77 40.8 70.7 110.7#



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

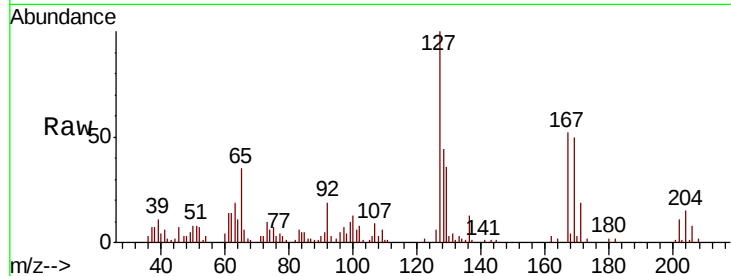




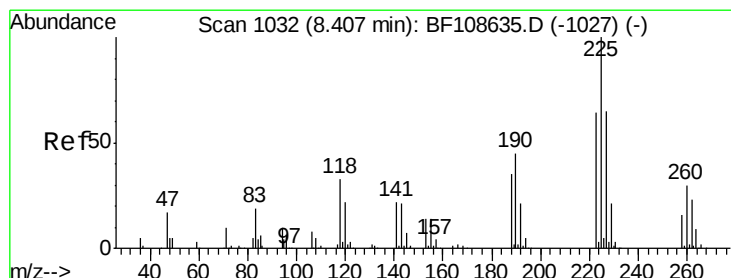
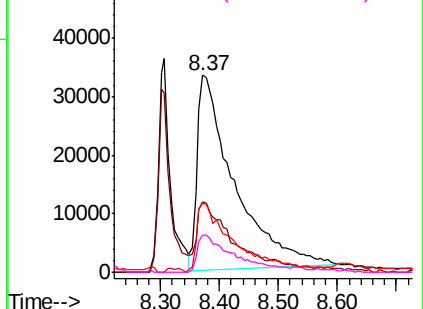
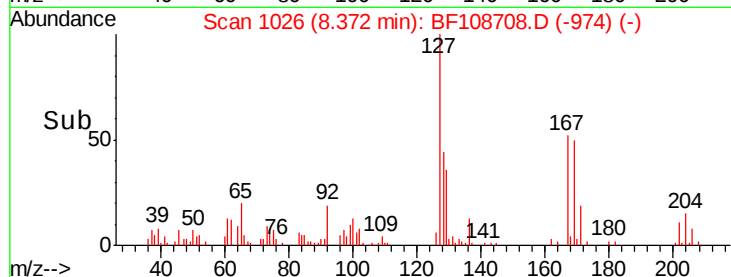
#33
4-Chloroaniline
Concen: 24.089 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	145838
Ion	Ratio	Lower	Upper
127	100		
129	36.1	25.9	38.9
65	35.3	25.0	37.4
92	18.9	15.2	22.8

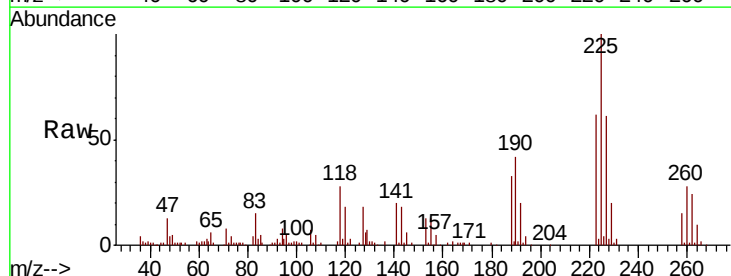


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

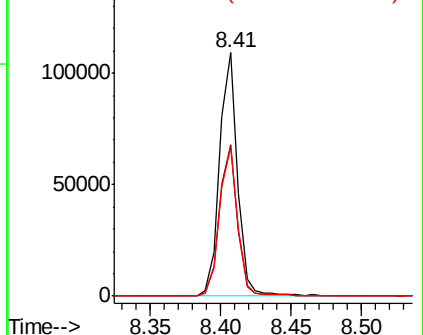
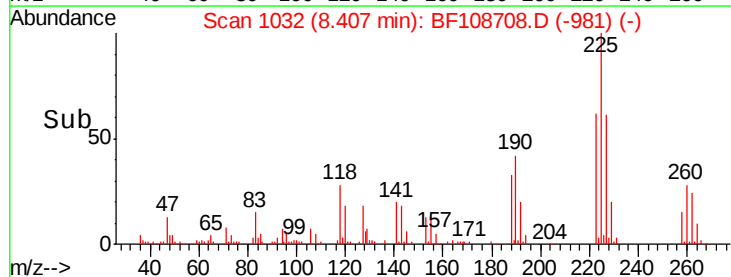


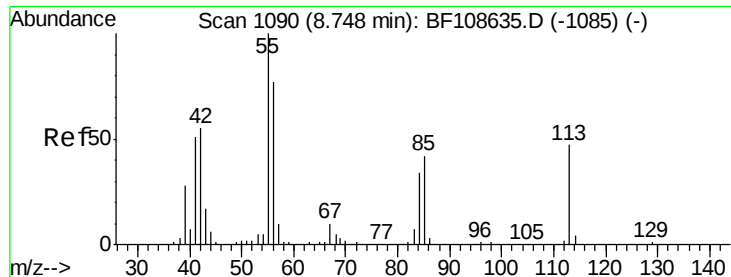
#34
Hexachlorobutadiene
Concen: 29.428 ng
RT: 8.41 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion:	225	Resp:	97074
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	76.0
227	61.2	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

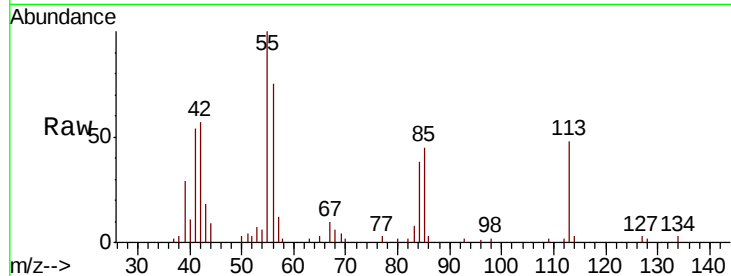




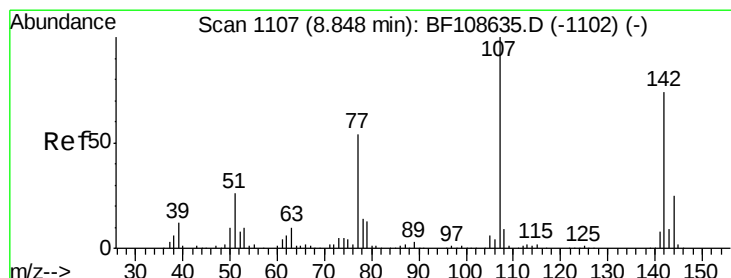
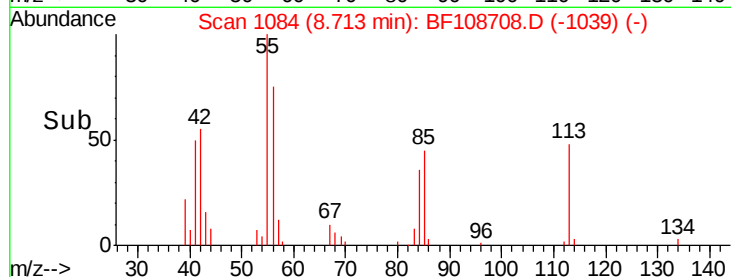
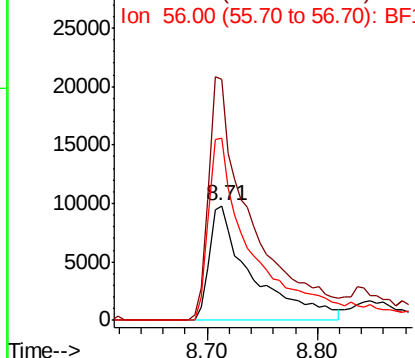
#35
 Caprolactam
 Concen: 21.804 ng
 RT: 8.71 min Scan# 1084
 Delta R.T. -0.04 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 26102
 Ion Ratio Lower Upper
 113 100
 55 210.1 163.3 203.3#
 56 158.5 115.7 155.7#

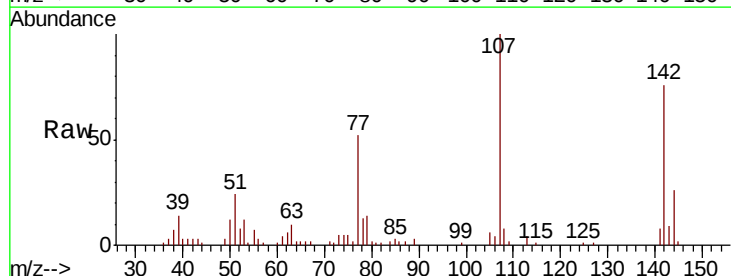


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

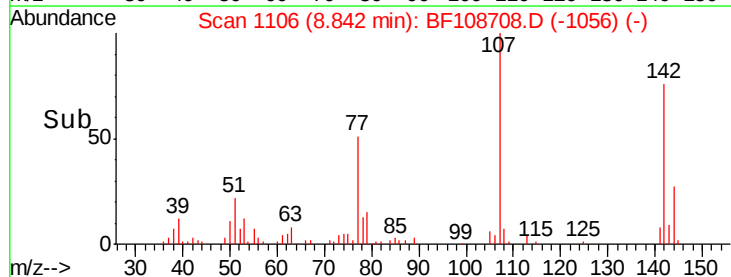
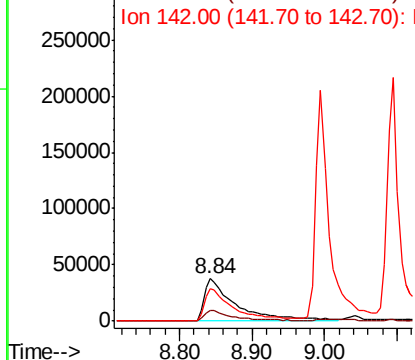


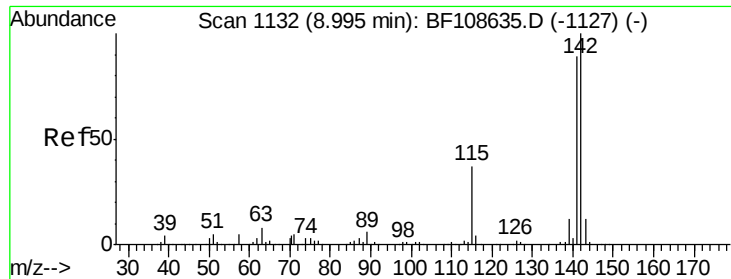
#36
 4-Chloro-3-methylphenol
 Concen: 24.125 ng
 RT: 8.84 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Tgt Ion:107 Resp: 116326
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.5 30.7
 142 75.5 62.0 93.0



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

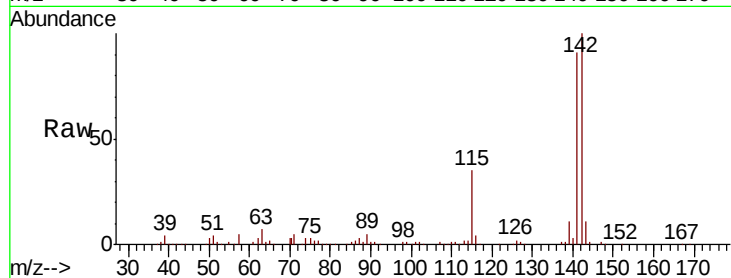




#37
2-Methylnaphthalene
Concen: 29.103 ng
RT: 9.00 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.8	106.2
115	35.1	26.1	39.1

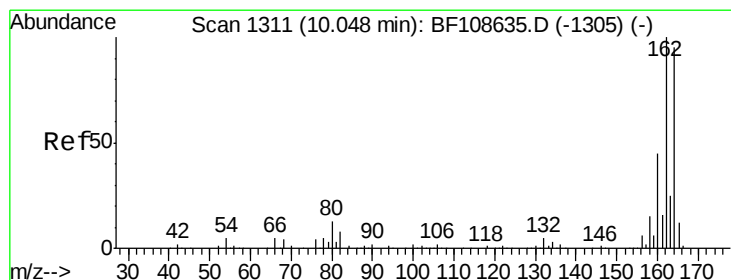
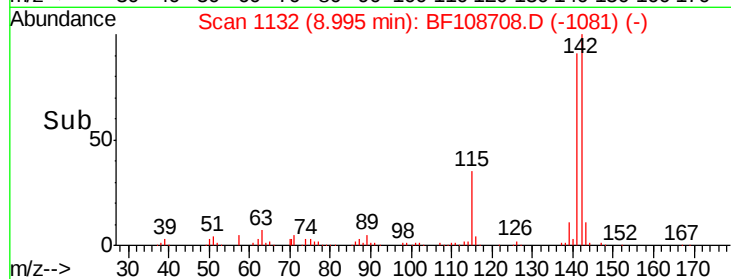
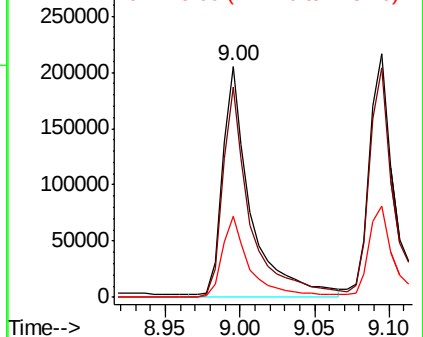


Abundance

Ion 142.00 (141.70 to 142.70): E

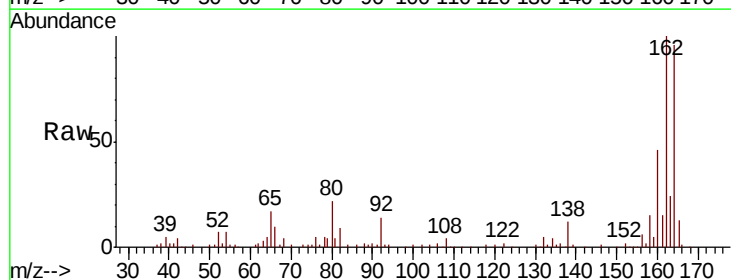
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	47.5	38.3	57.5

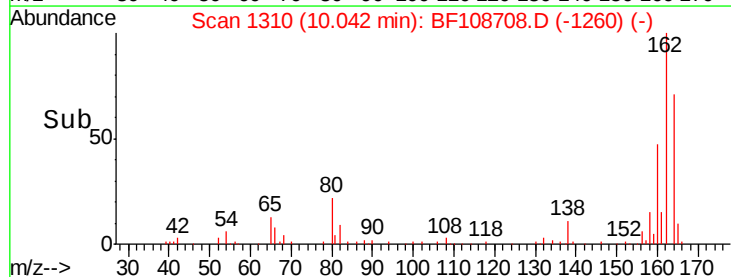
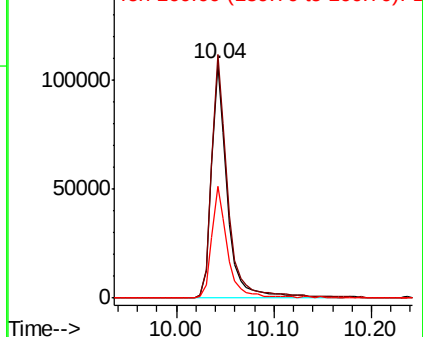


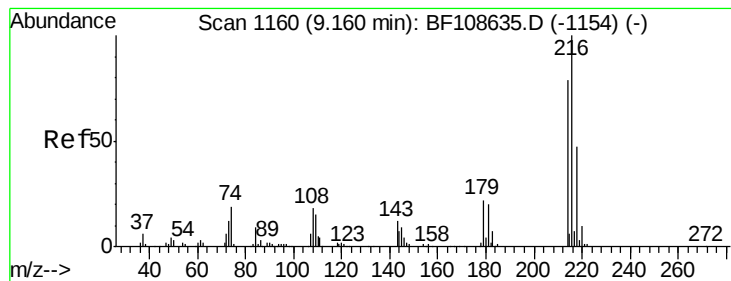
Abundance

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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.400 ng

RT: 9.16 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 144385

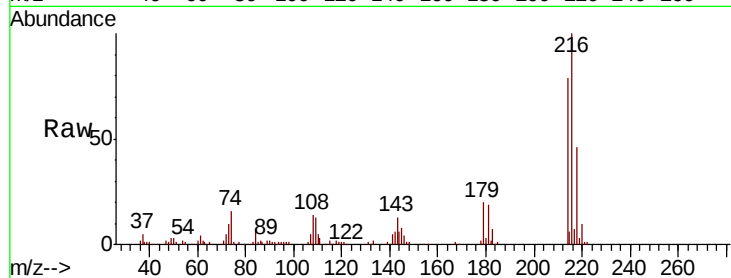
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.4

179 20.4 18.1 27.1

108 14.5 17.2 25.8#

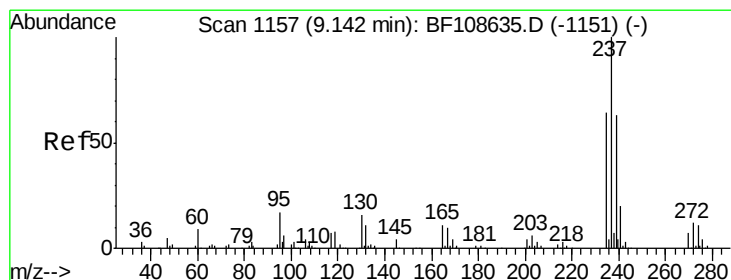
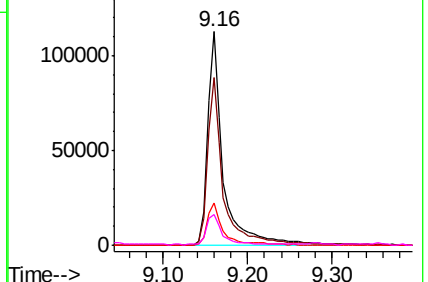
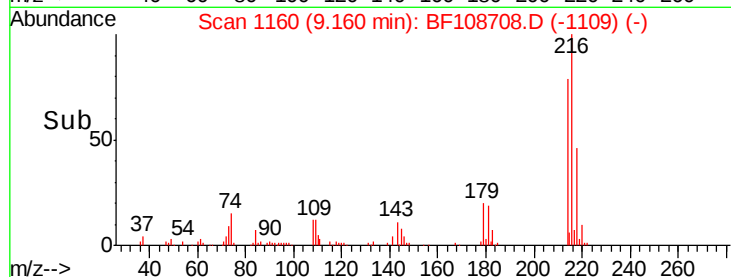


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 10.124 ng

RT: 9.14 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

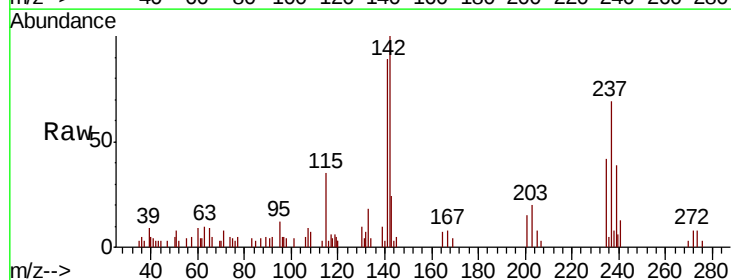
Tgt Ion:237 Resp: 6208

Ion Ratio Lower Upper

237 100

235 61.4 44.8 84.8

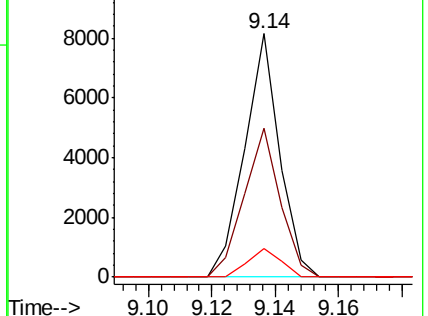
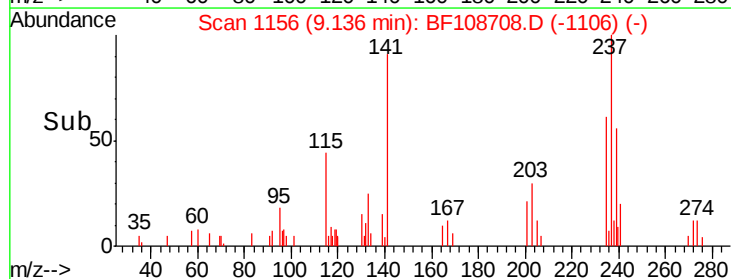
272 11.6 0.0 33.3

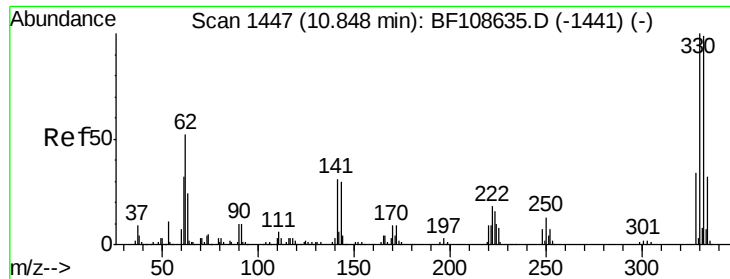


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

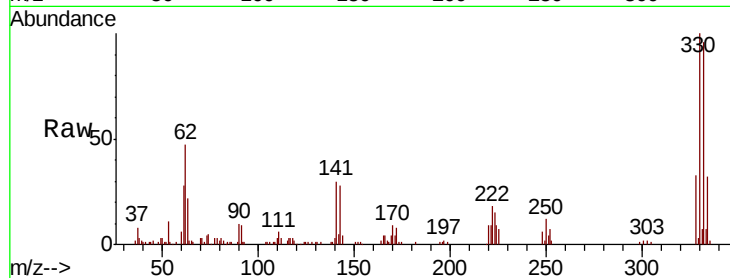




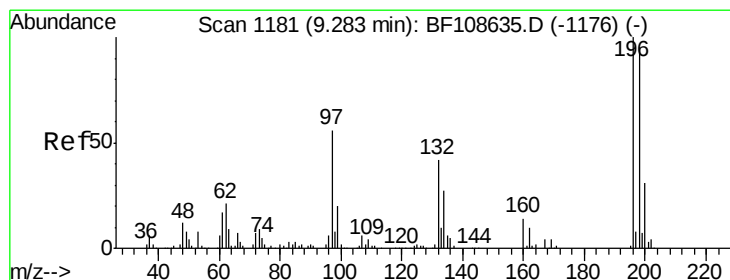
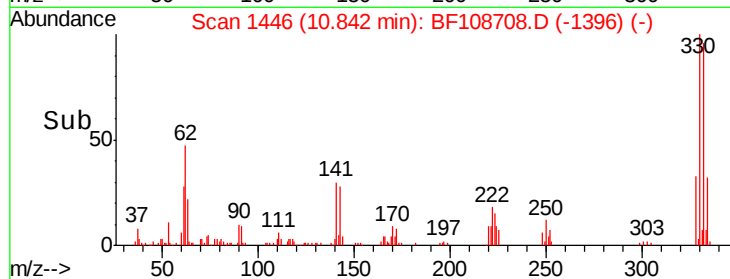
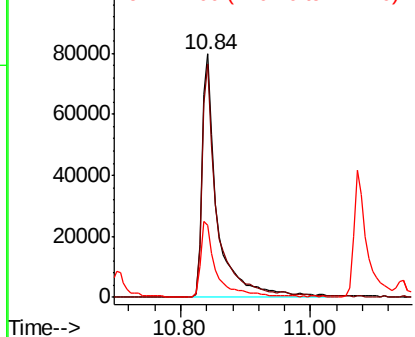
#41
 2,4,6-Tribromophenol
 Concen: 80.496 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	32.3	29.9	44.9

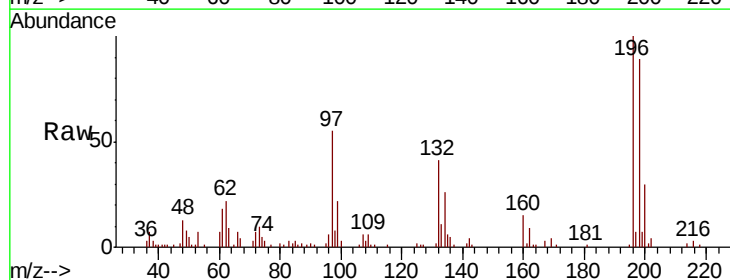


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

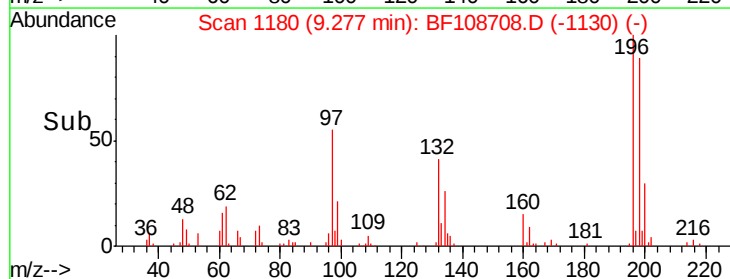
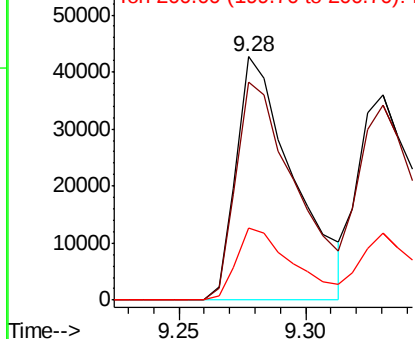


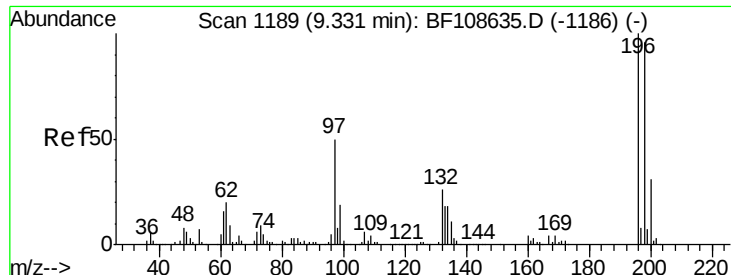
#42
 2,4,6-Trichlorophenol
 Concen: 26.343 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	89.4	75.7	113.5
200	29.6	24.5	36.7



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

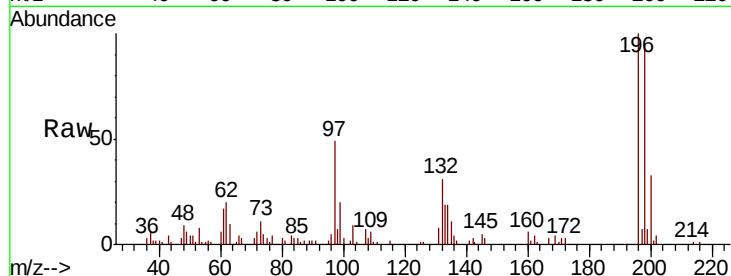




#43
 2,4,5-Trichlorophenol
 Concen: 30.797 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	74.6	112.0
97	48.5	42.9	64.3
132	30.7	26.3	39.5



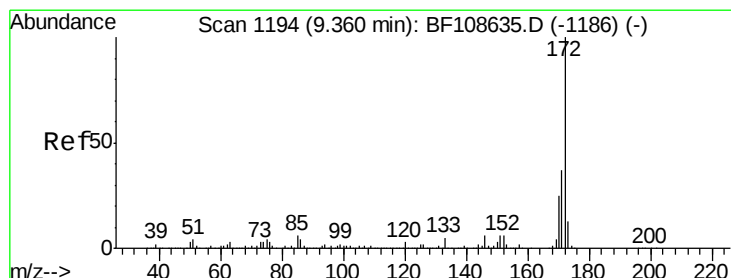
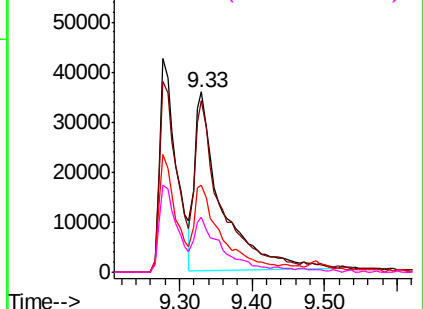
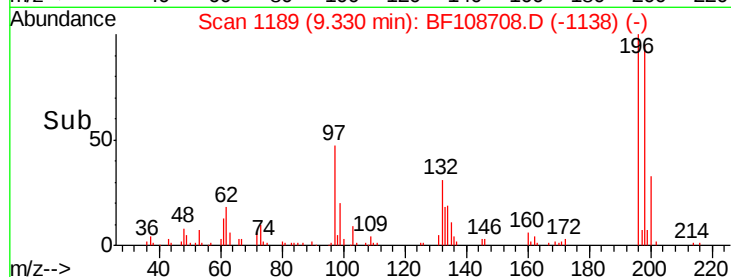
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

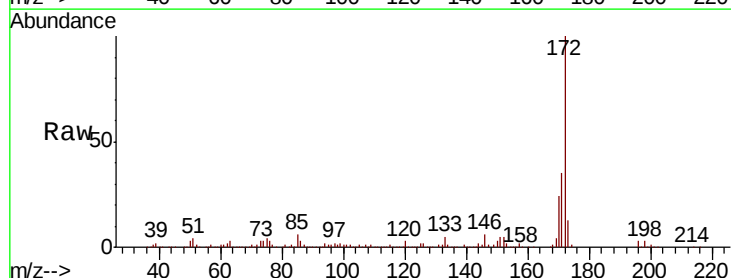
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 63.515 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	23.7	19.6	29.4

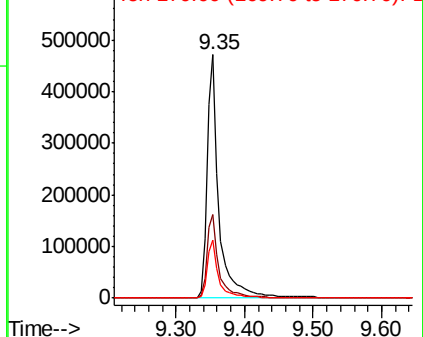
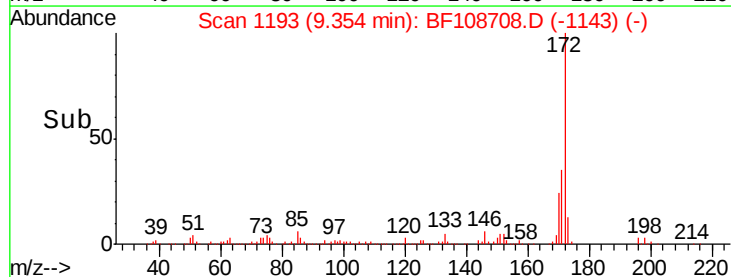


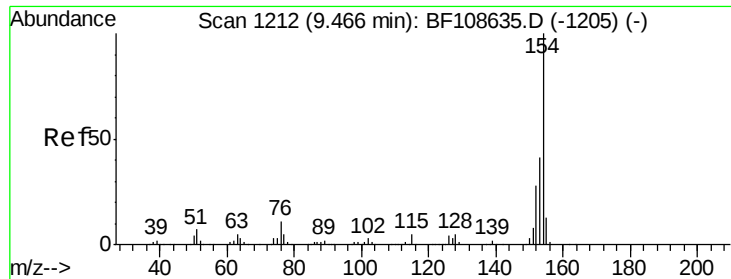
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

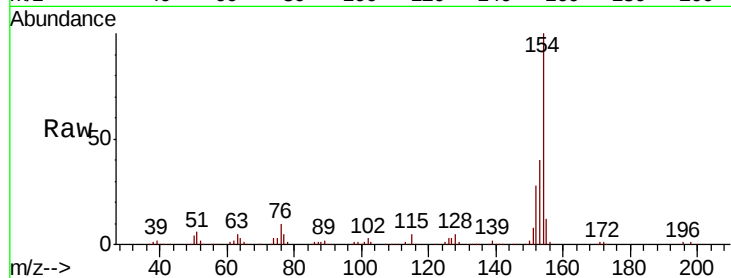




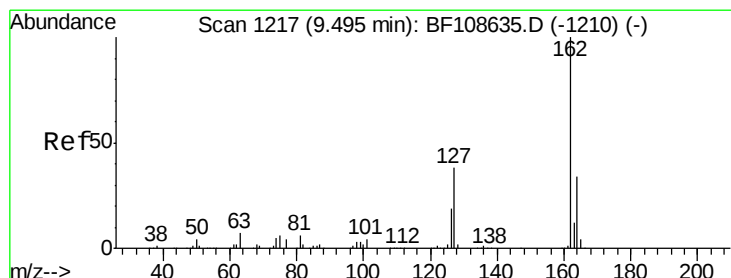
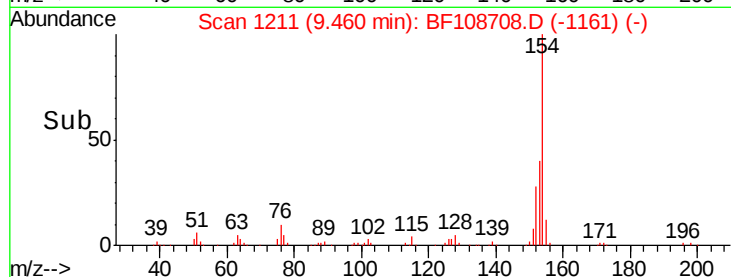
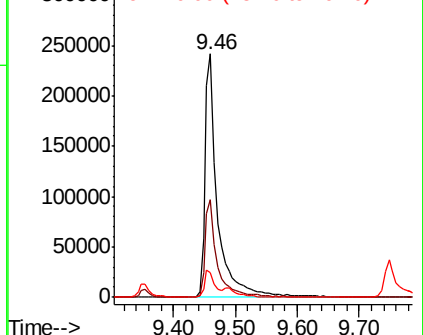
#45
 1,1'-Biphenyl
 Concen: 32.197 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 341308
 Ion Ratio Lower Upper
 154 100
 153 40.2 21.3 61.3
 76 10.4 0.0 34.0

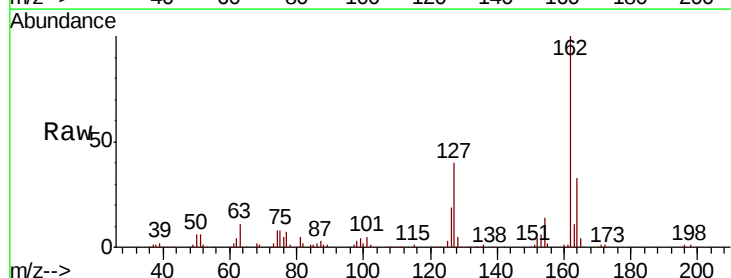


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

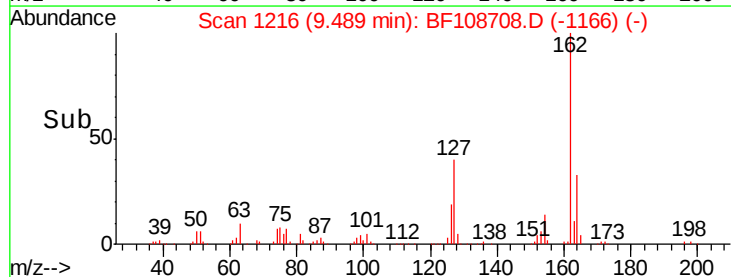
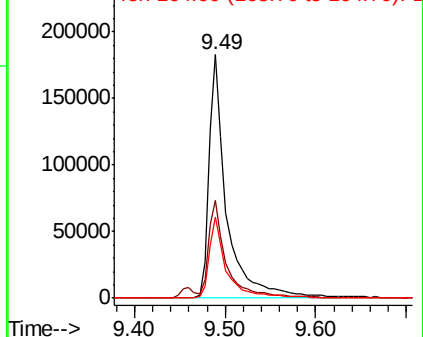


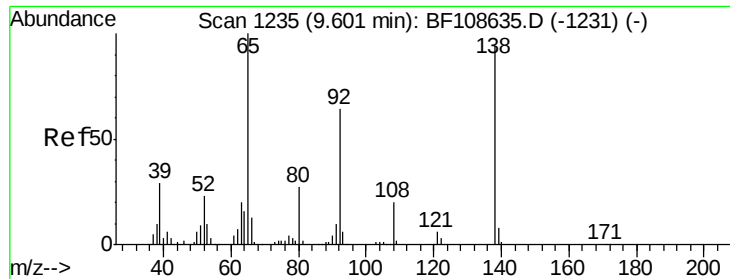
#46
 2-Chloronaphthalene
 Concen: 30.189 ng
 RT: 9.49 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Tgt Ion:162 Resp: 250539
 Ion Ratio Lower Upper
 162 100
 127 40.4 33.9 50.9
 164 33.3 26.5 39.7



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

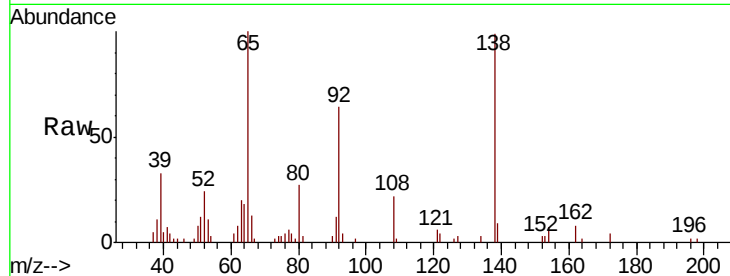




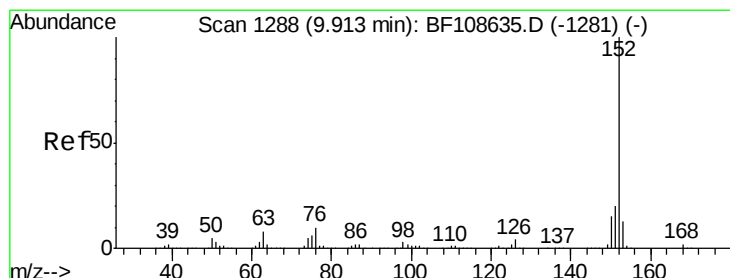
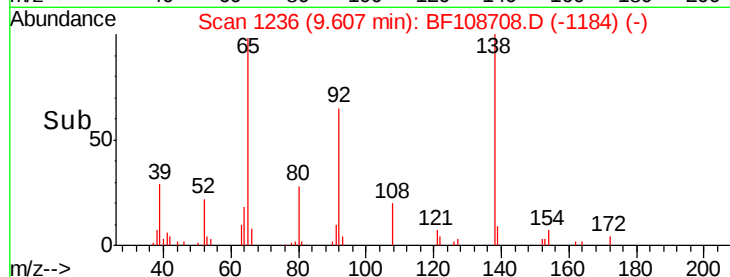
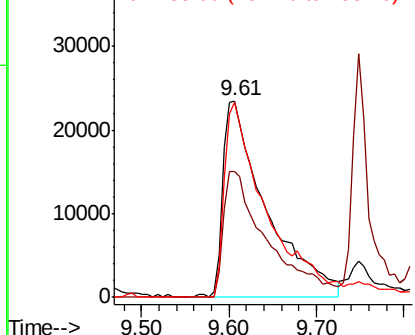
#47
2-Nitroaniline
Concen: 28.824 ng
RT: 9.61 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 80006
Ion Ratio Lower Upper
65 100
92 64.2 55.8 83.6
138 98.8 91.2 136.8

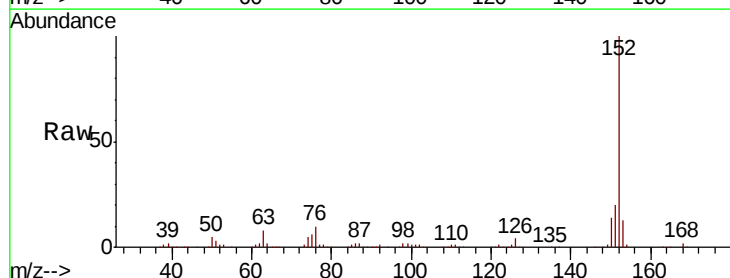


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

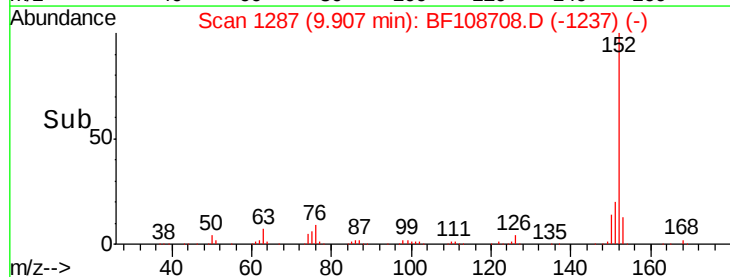
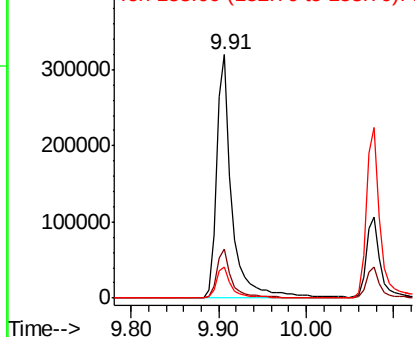


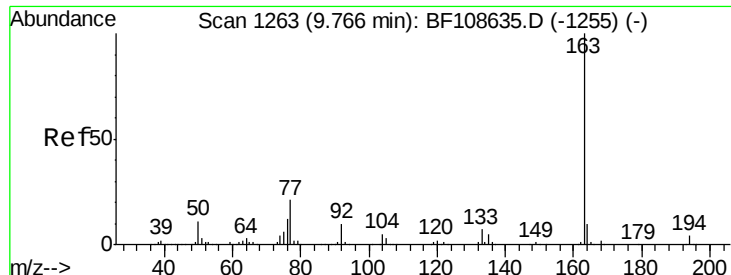
#48
Acenaphthylene
Concen: 31.809 ng
RT: 9.91 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion: 152 Resp: 386469
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 12.7 10.7 16.1



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

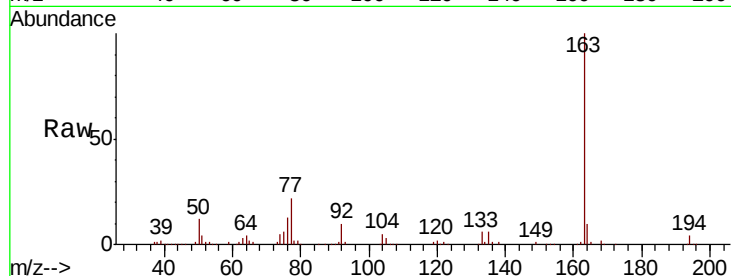




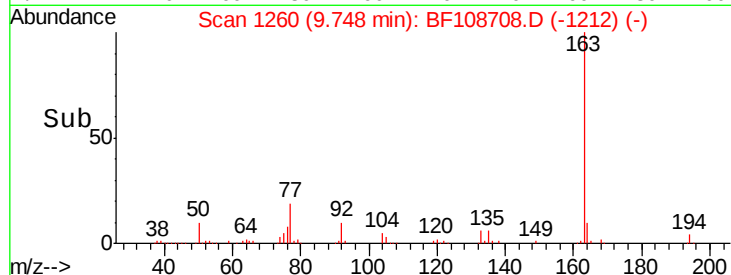
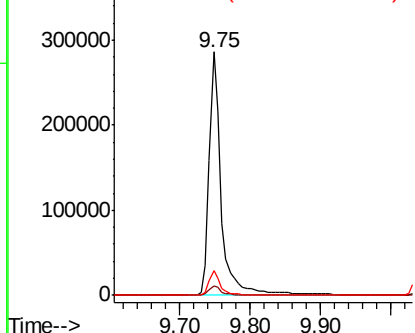
#49
Dimethylphthalate
Concen: 35.613 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.3	8.2	12.2

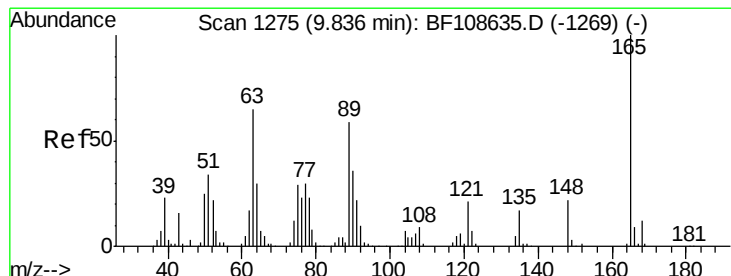


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

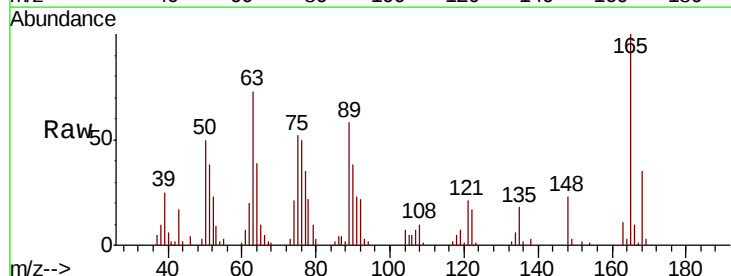
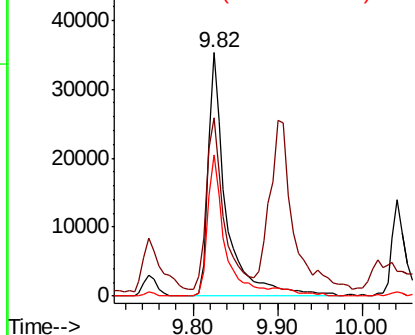


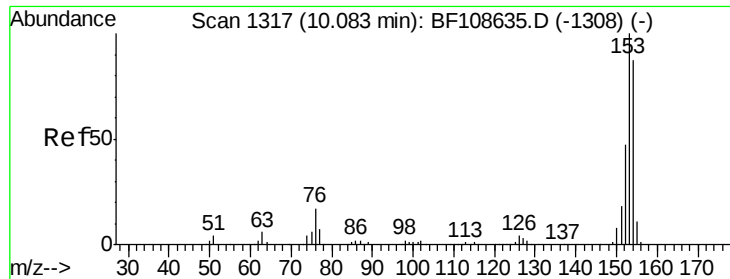
#50
2,6-Dinitrotoluene
Concen: 24.809 ng
RT: 9.82 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	73.1	44.7	67.1#
89	58.0	44.0	66.0



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





#51

Acenaphthene

Concen: 30.398 ng

RT: 10.08 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

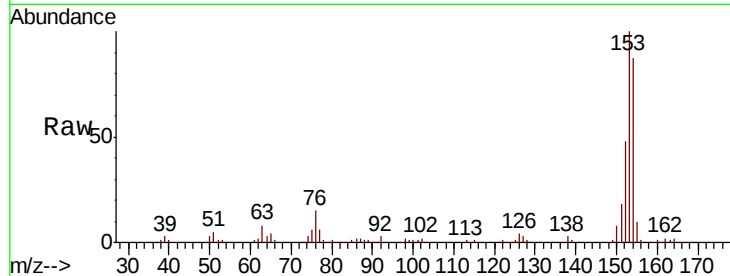
Tot Ion:154 Resp: 220828

Ion Ratio Lower Upper

154 100

153 114.9 91.2 136.8

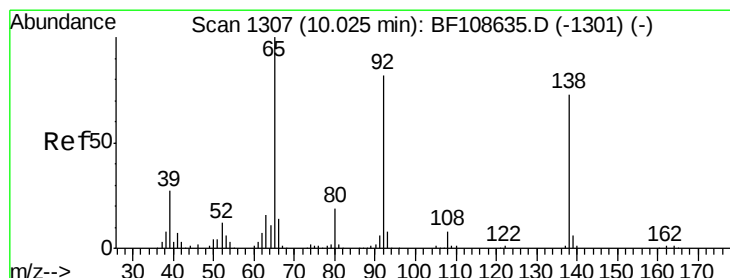
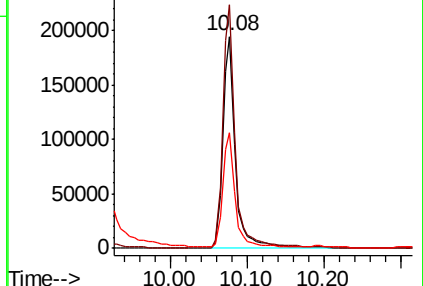
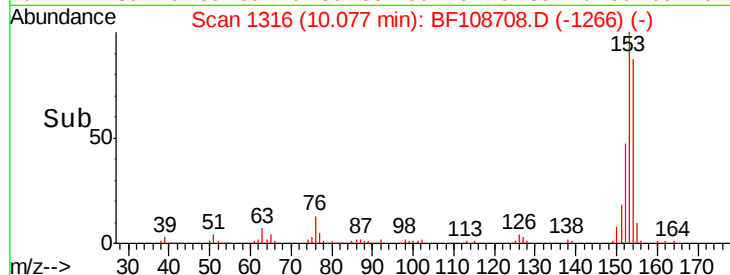
152 54.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.986 ng

RT: 10.02 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

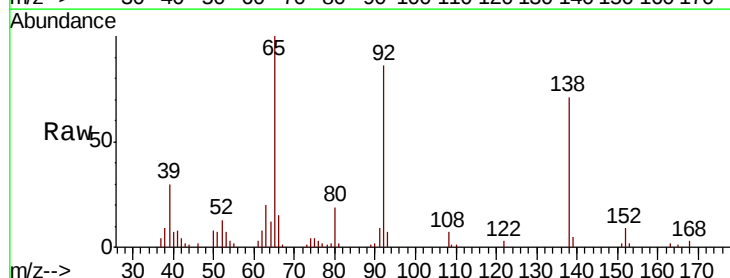
Tgt Ion:138 Resp: 68562

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

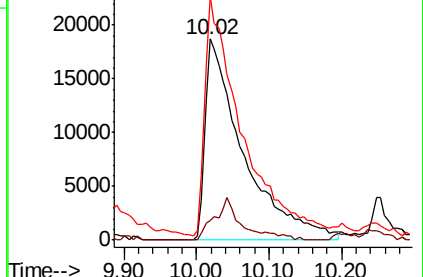
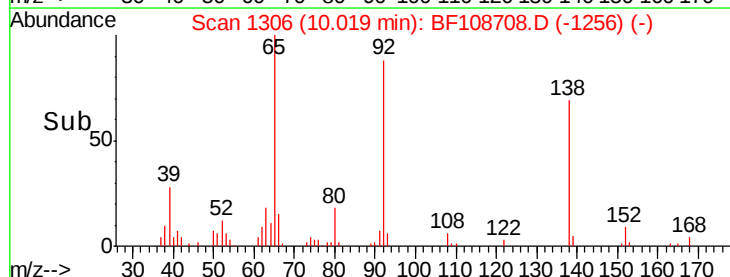
92 121.1 89.4 134.2

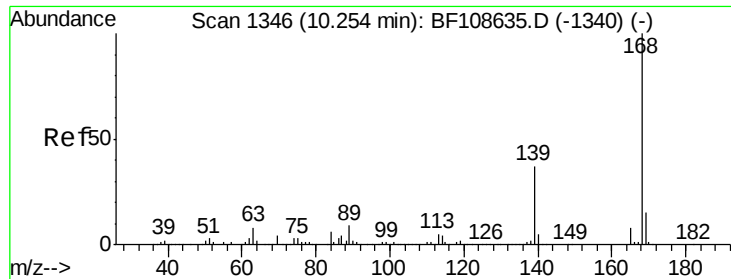


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

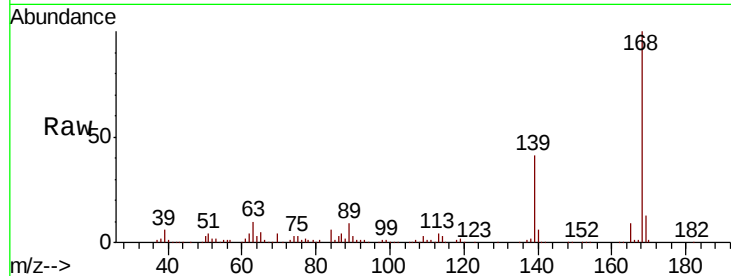




#54
Dibenzenofuran
Concen: 28.970 ng
RT: 10.25 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.9	30.1	45.1
169	13.4	10.9	16.3

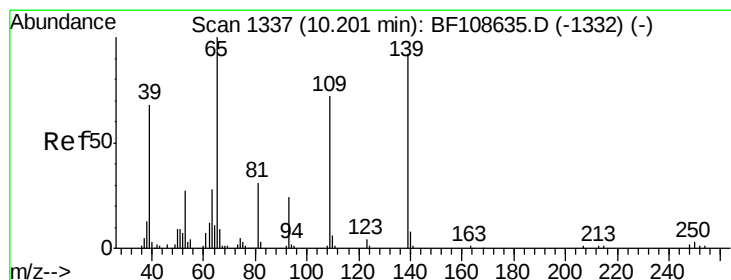
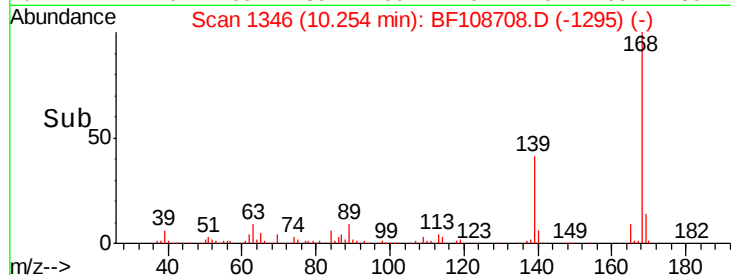
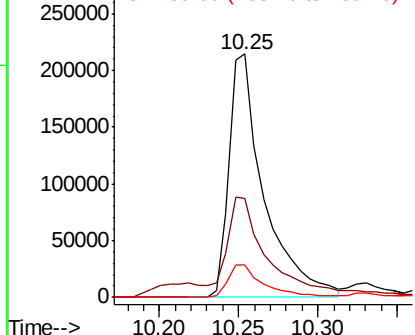


Abundance

Ion 168.00 (167.70 to 168.70): E

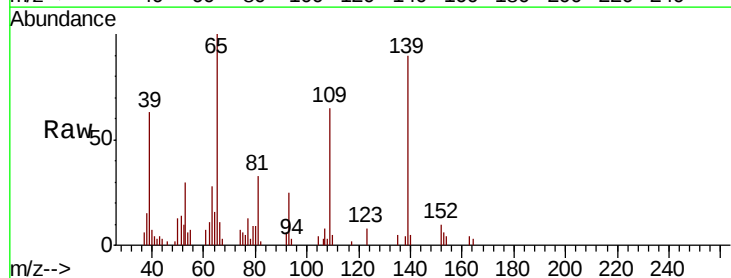
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55
4-Nitrophenol
Concen: 22.519 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.02 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.5	48.4	88.4
65	111.1	72.6	112.6

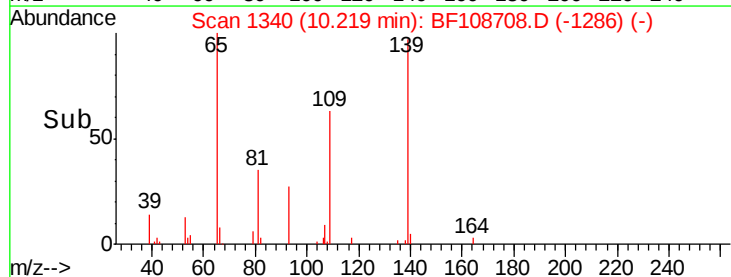
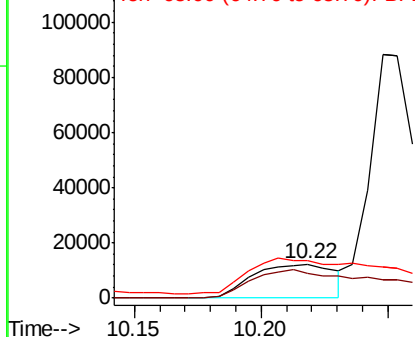


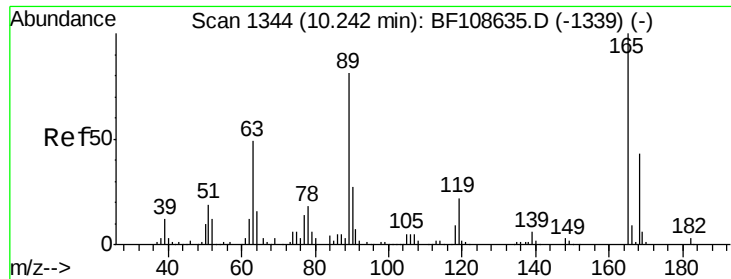
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

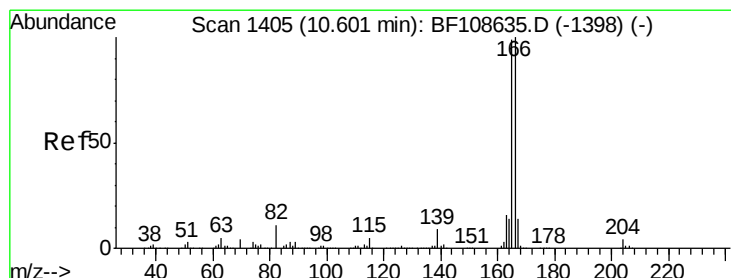
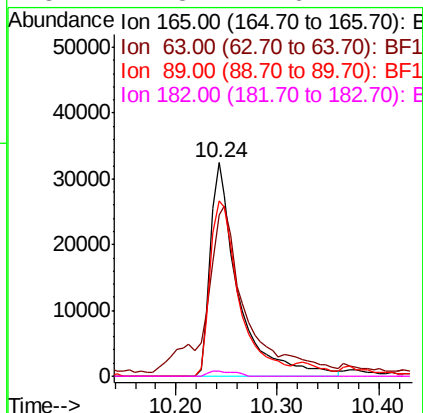
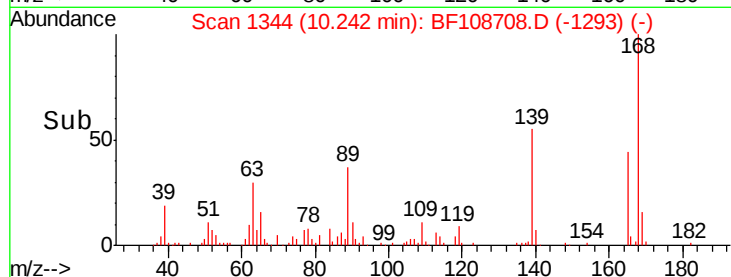
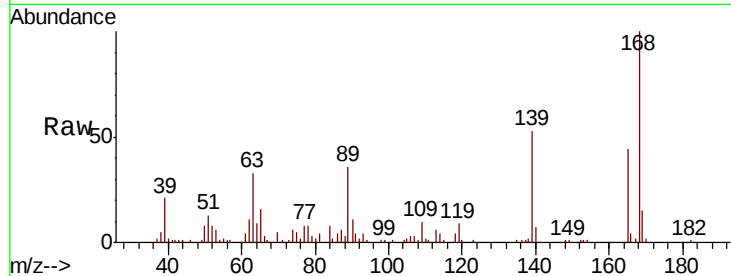




#56
2,4-Dinitrotoluene
Concen: 22.137 ng
RT: 10.24 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

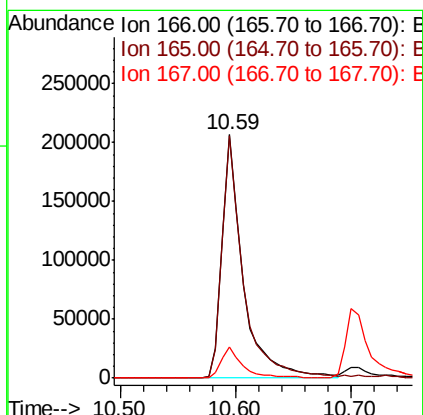
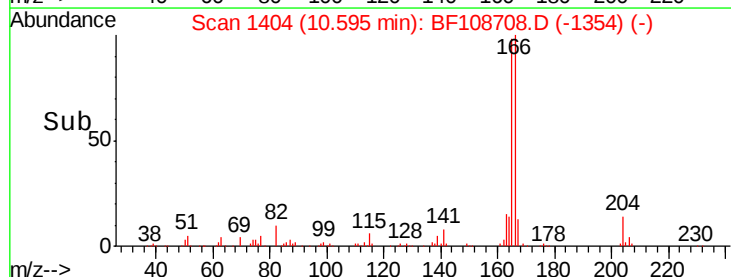
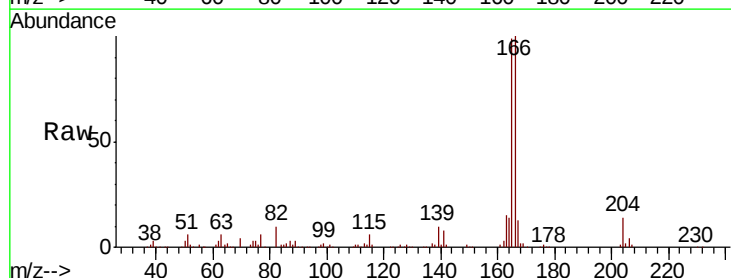
Instrument :
BNA_F
ClientSampled :

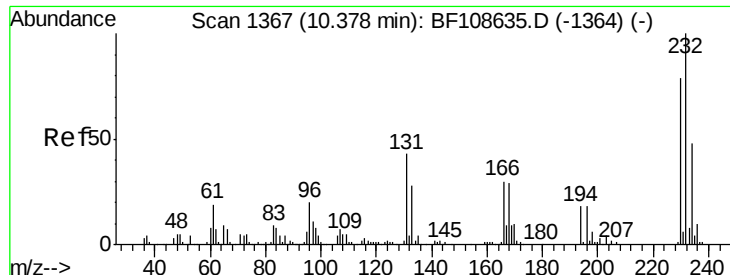
Tot Ion	Ratio	Lower	Upper
165	100		
63	75.8	36.4	54.6
89	81.9	57.8	86.6
182	2.3	1.6	2.4



#57
Fluorene
Concen: 30.078 ng
RT: 10.59 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.8	119.8
167	12.7	10.6	16.0

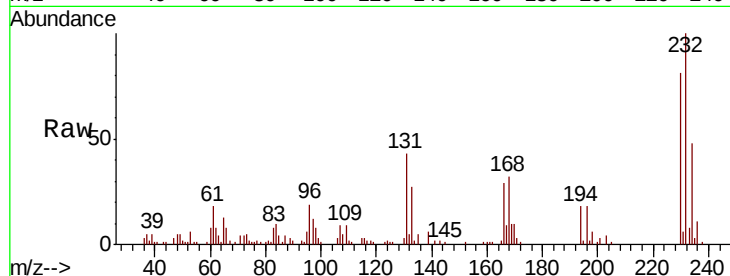




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 29.861 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	32.3	43.8	65.8#
130	1.7	2.1	3.1#
166	27.6	27.8	41.6#



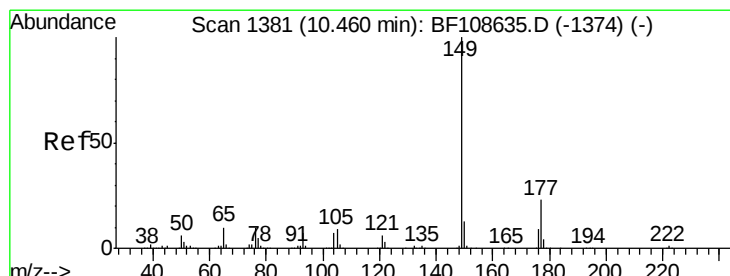
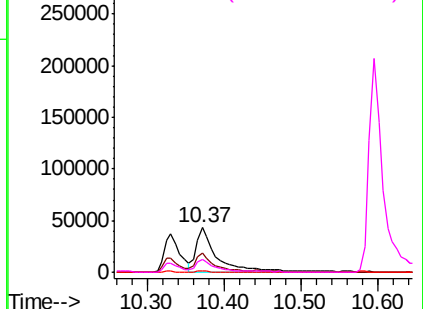
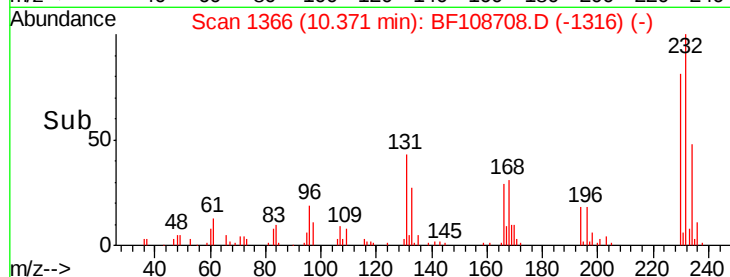
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

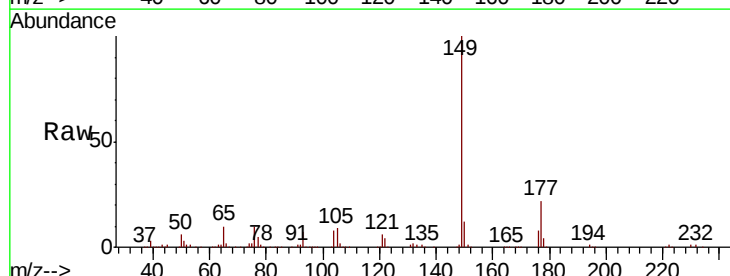
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 29.329 ng
 RT: 10.45 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	16.1	24.1
150	12.1	10.1	15.1

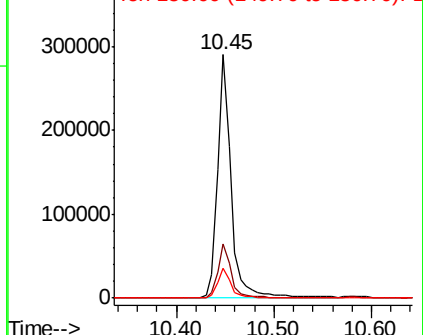
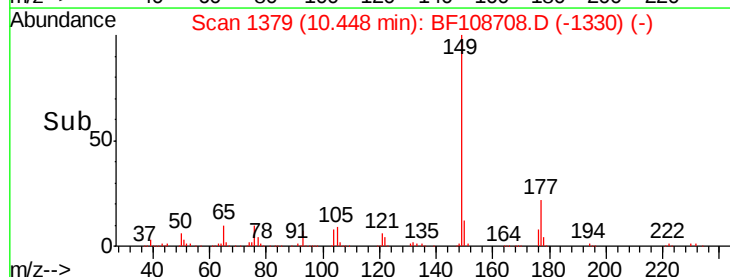


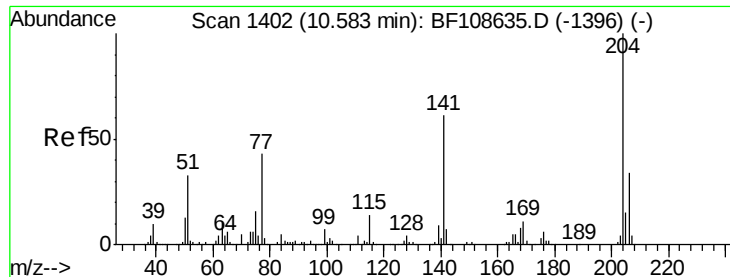
Abundance

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

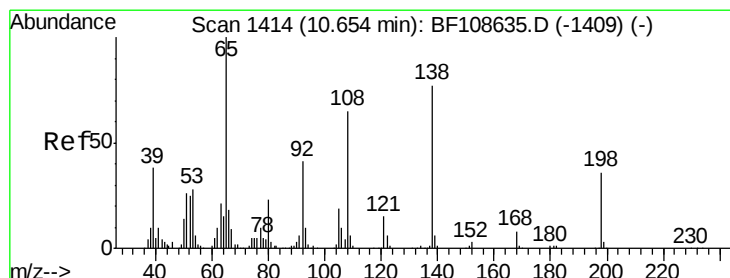
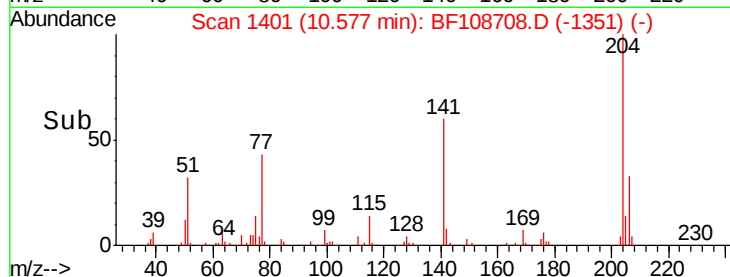
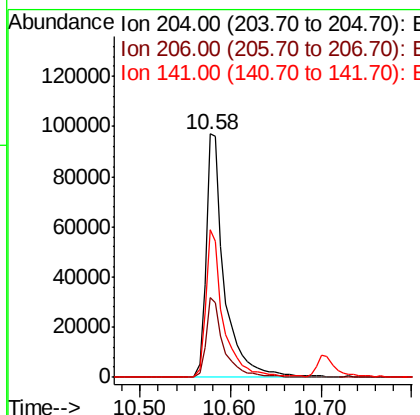
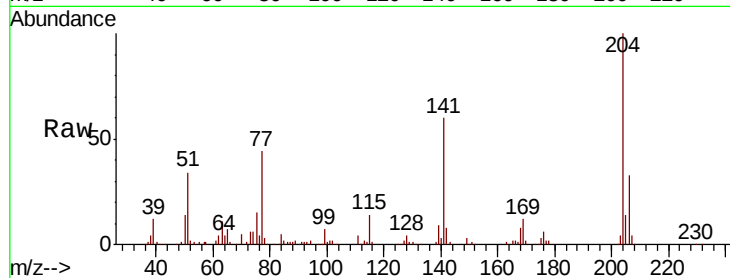




#60
4-Chlorophenyl-phenylether
Concen: 27.472 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

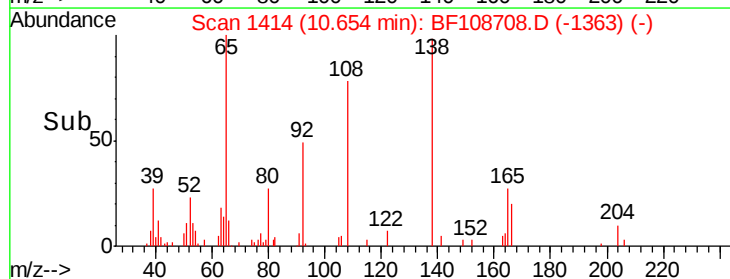
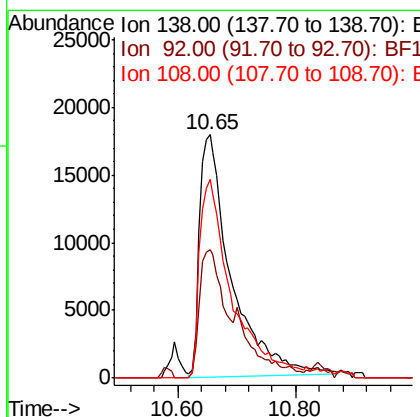
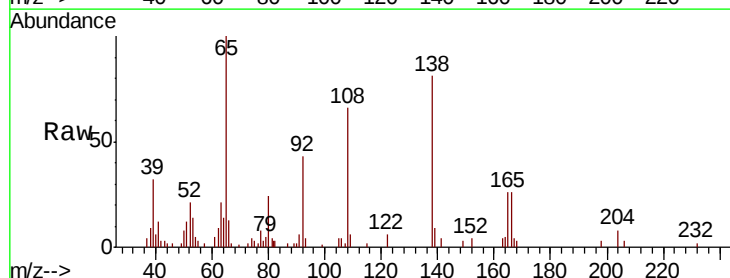
Instrument :
BNA_F
ClientSampled :

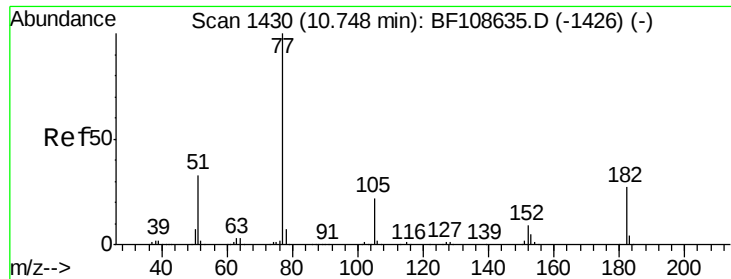
Tot Ion:204 Resp: 137329
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 60.4 54.6 81.8



#61
4-Nitroaniline
Concen: 30.045 ng
RT: 10.65 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion:138 Resp: 66476
Ion Ratio Lower Upper
138 100
92 52.5 30.2 70.2
108 81.6 52.5 92.5





#62

Azobenzene

Concen: 26.400 ng

RT: 10.74 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 253498

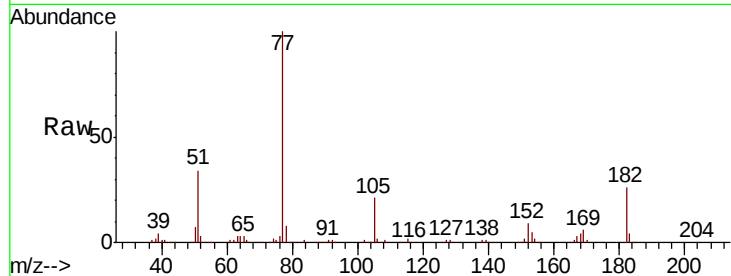
Ion Ratio Lower Upper

77 100

182 25.6 1.7 41.7

105 21.1 3.0 43.0

51 34.0 9.9 49.9

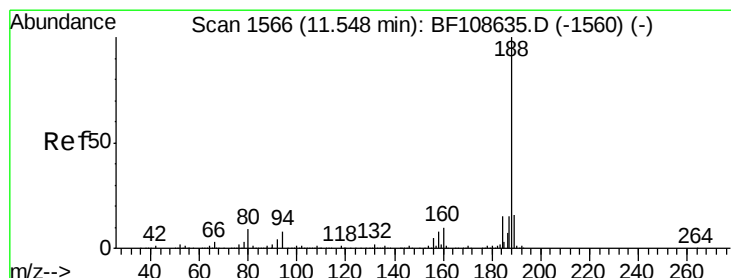
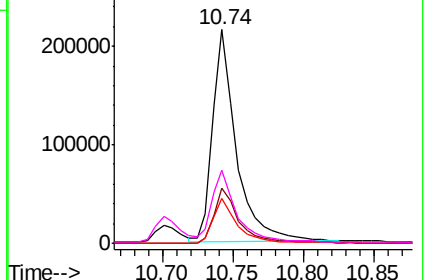
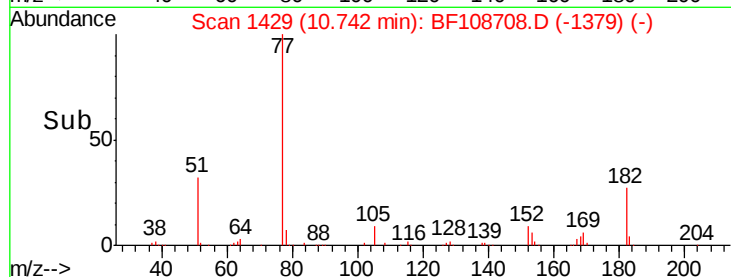


Abundance Ion 77.00 (76.70 to 77.70): BF1

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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.54 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

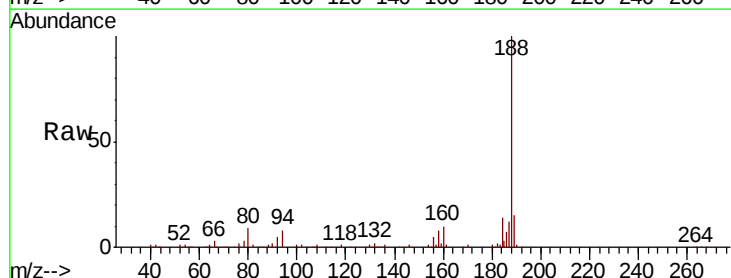
Tgt Ion: 188 Resp: 244868

Ion Ratio Lower Upper

188 100

94 7.9 8.5 12.7#

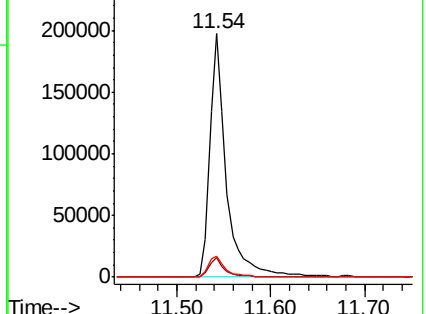
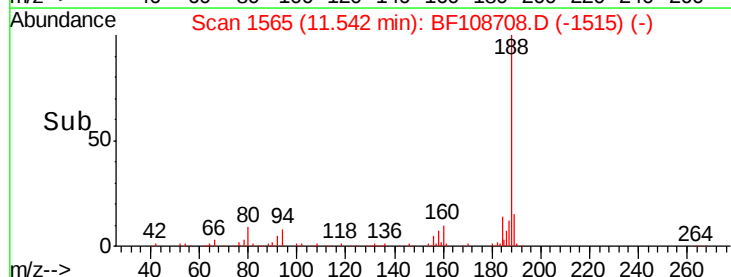
80 8.5 9.2 13.8#

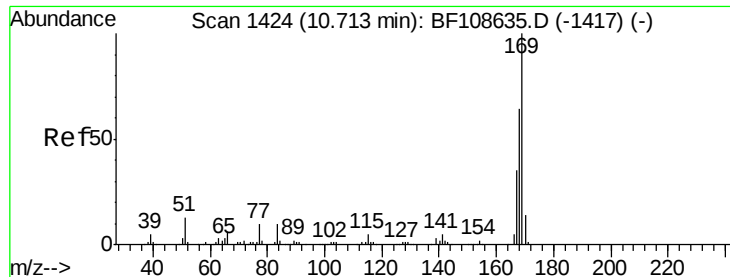


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

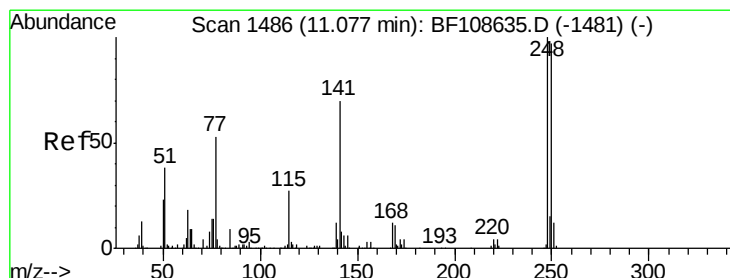
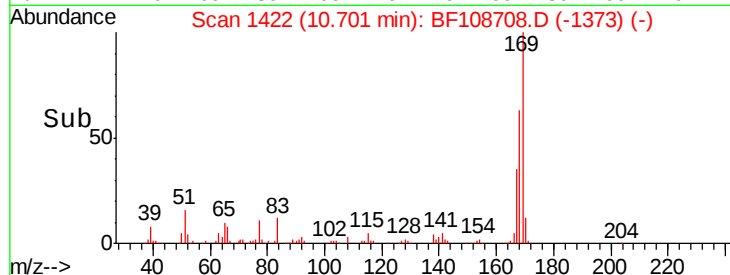
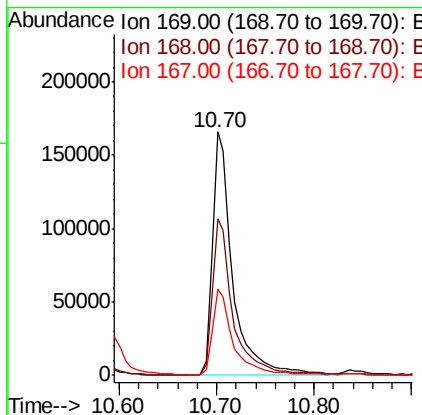
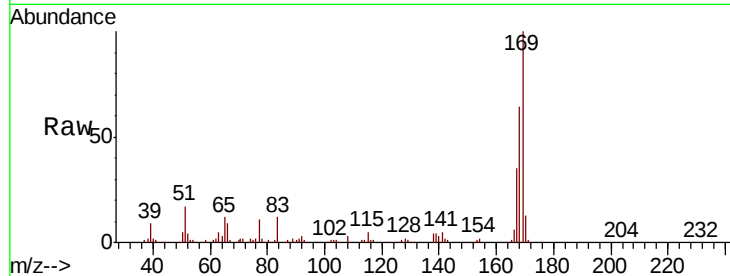




#65
n-Nitrosodiphenylamine
Concen: 29.204 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

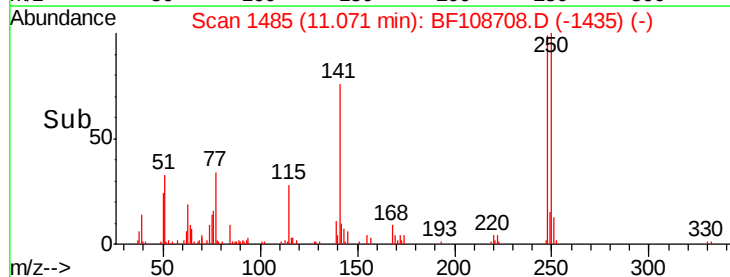
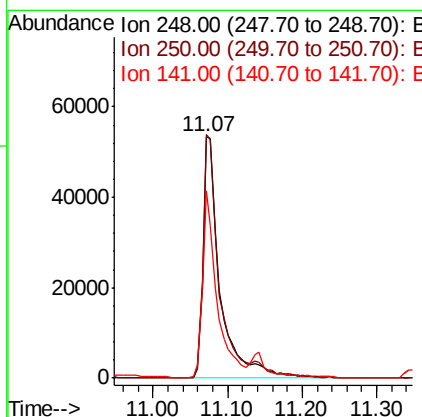
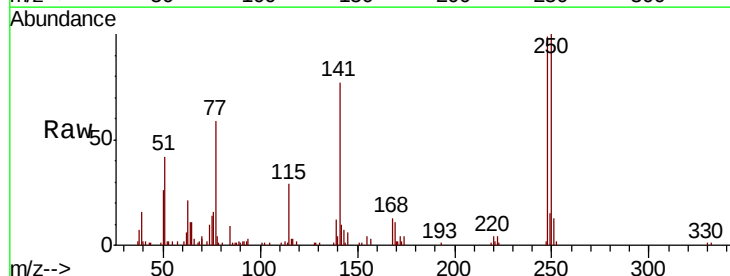
Instrument :
BNA_F
ClientSampled :

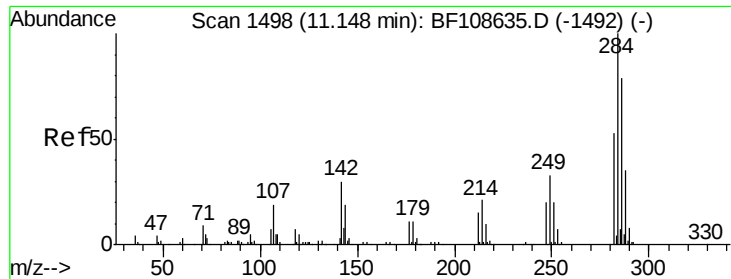
Tot Ion	Ratio	Lower	Upper
169	100		
168	64.3	54.4	81.6
167	35.4	29.8	44.6



#66
4-Bromophenyl-phenylether
Concen: 28.763 ng
RT: 11.07 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
248	100		
250	101.0	76.9	115.3
141	77.8	74.4	111.6

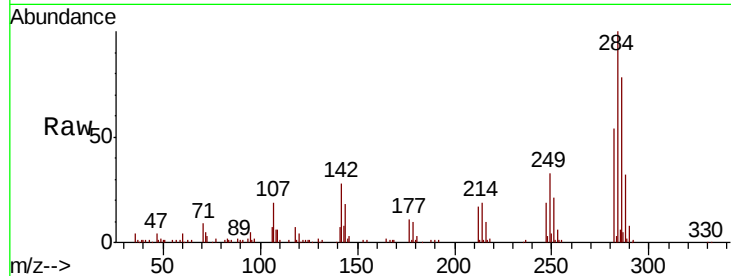




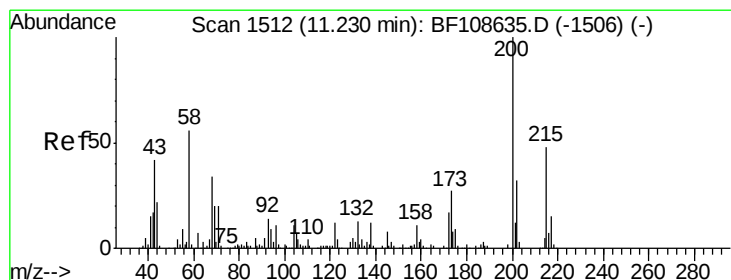
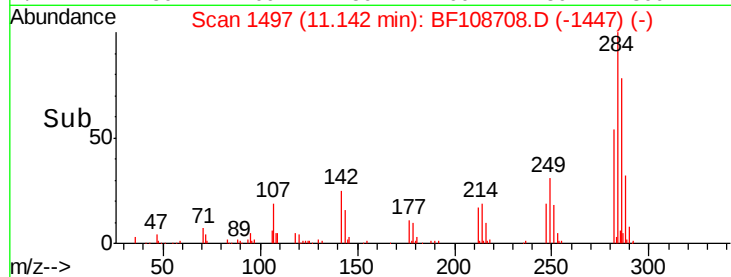
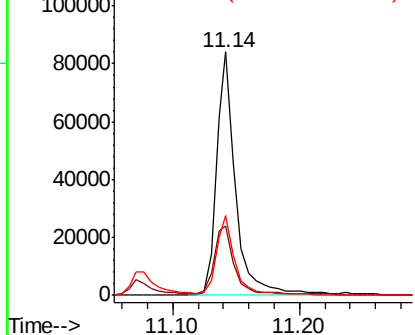
#67
Hexachlorobenzene
Concen: 27.492 ng
RT: 11.14 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	28.4	34.6	52.0#
249	32.6	24.8	37.2

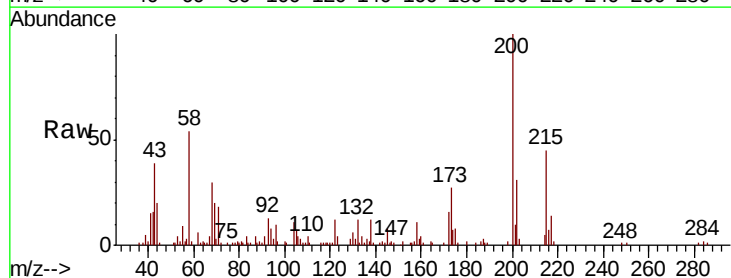


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

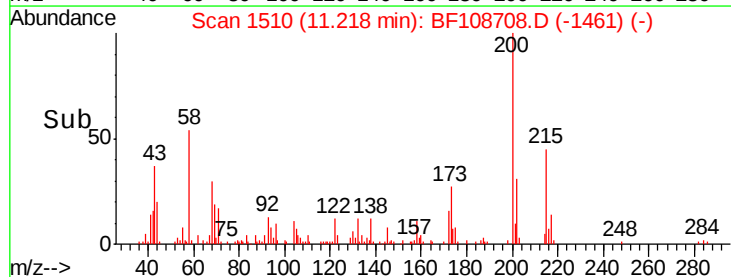
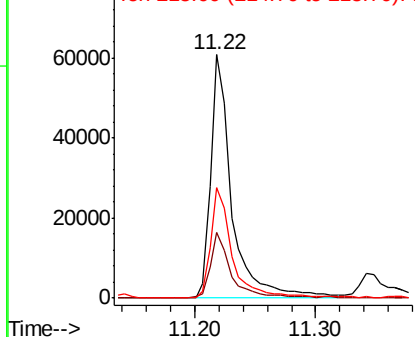


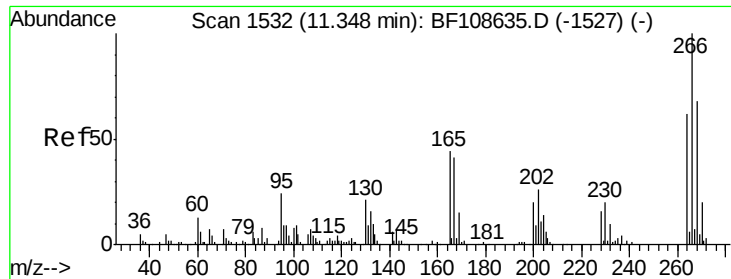
#68
Atrazine
Concen: 28.243 ng
RT: 11.22 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.1	8.6	48.6
215	45.5	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

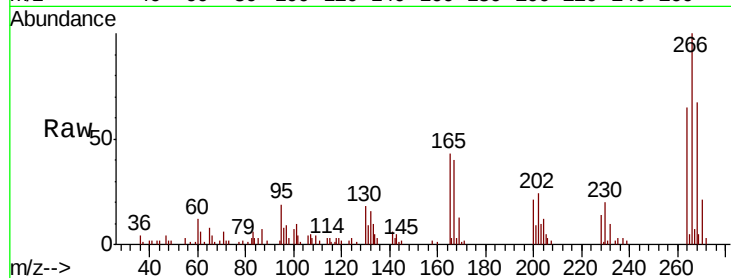




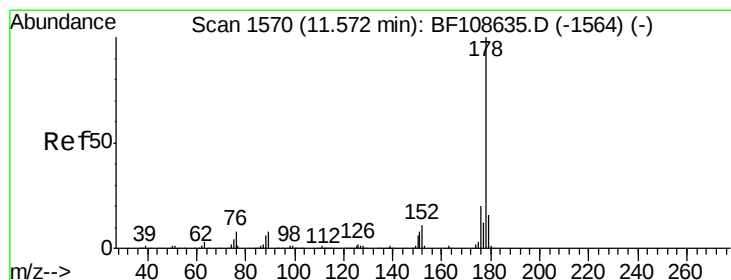
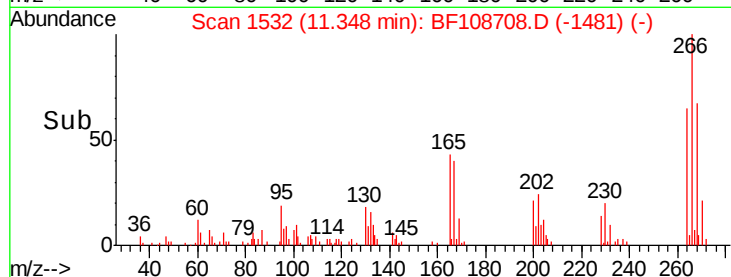
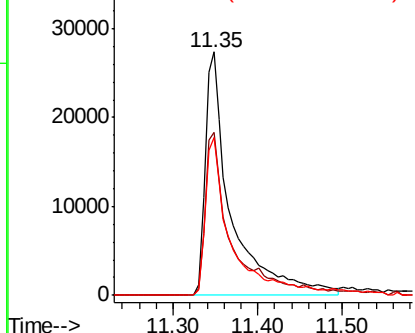
#69
 Pentachlorophenol
 Concen: 33.997 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.00 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 58573
 Ion Ratio Lower Upper
 266 100
 268 67.0 51.1 76.7
 264 64.7 49.5 74.3

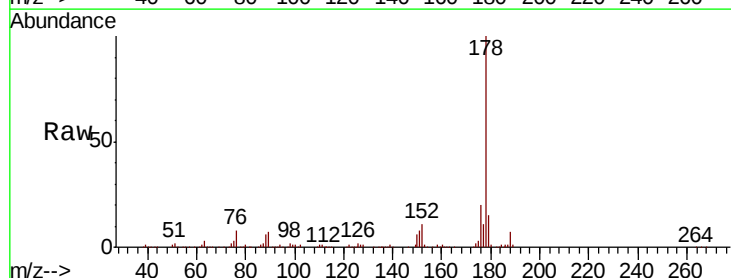


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

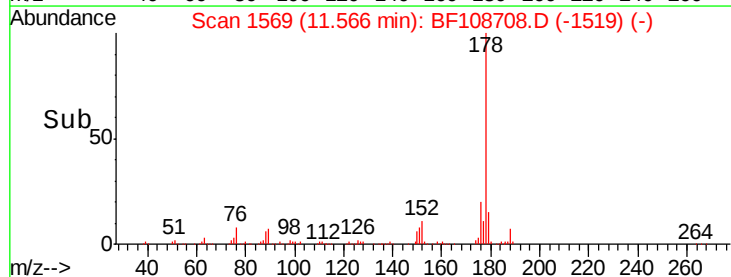
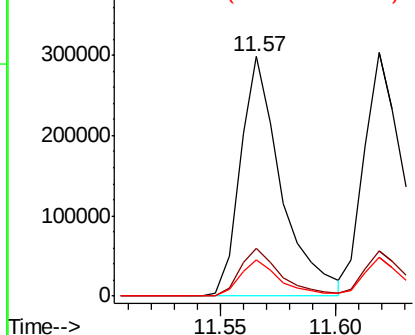


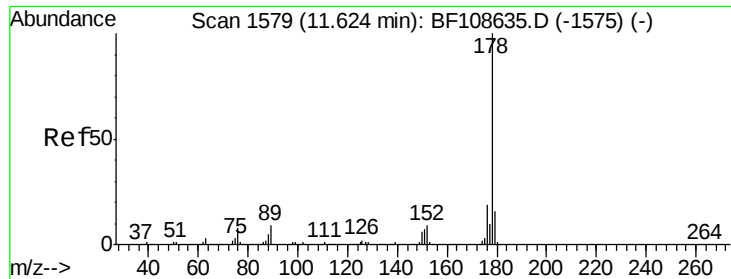
#70
 Phenanthrene
 Concen: 29.756 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Tgt Ion:178 Resp: 367777
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.4 13.0 19.6



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

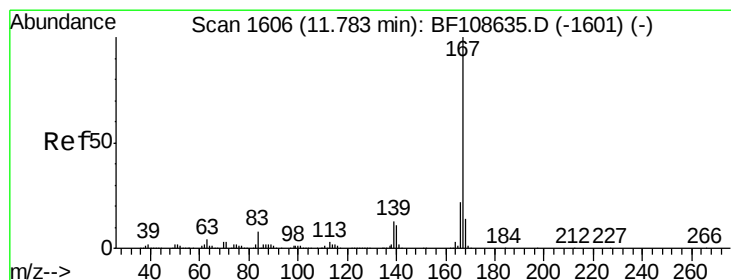
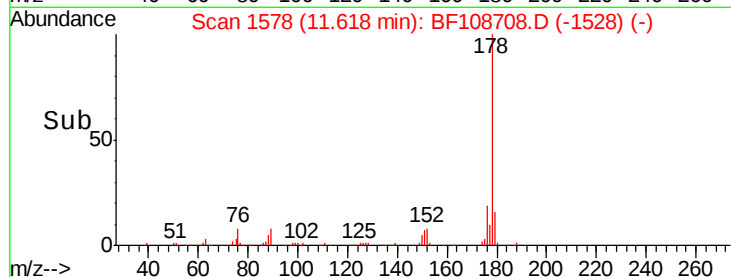
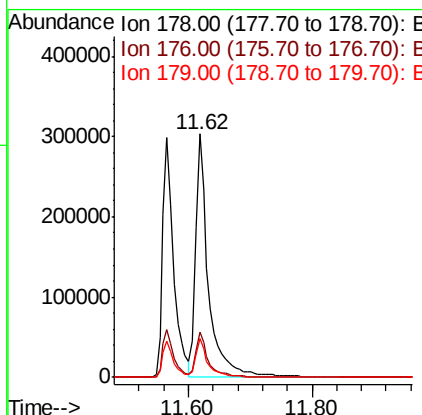
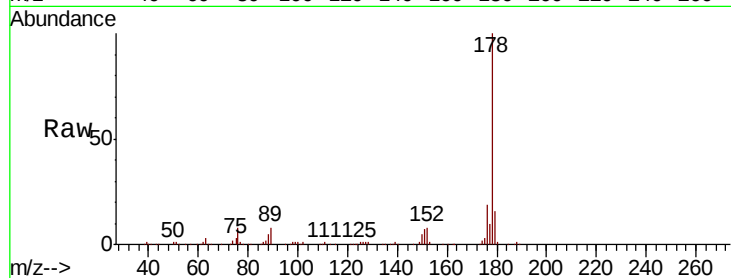




#71
 Anthracene
 Concen: 33.804 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

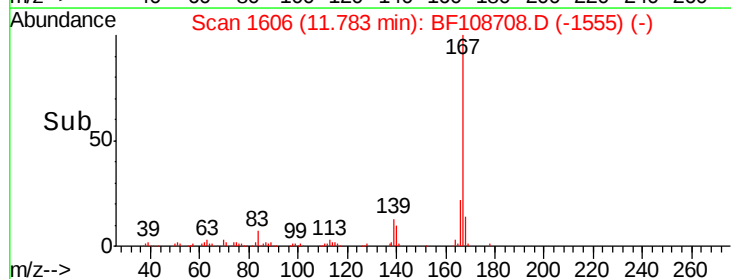
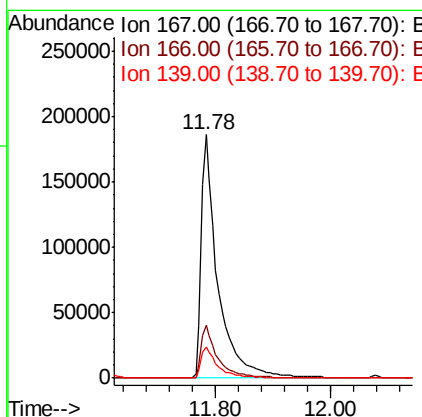
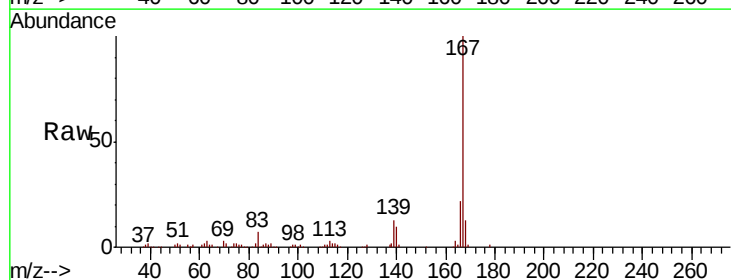
Instrument :
 BNA_F
 ClientSampleId :

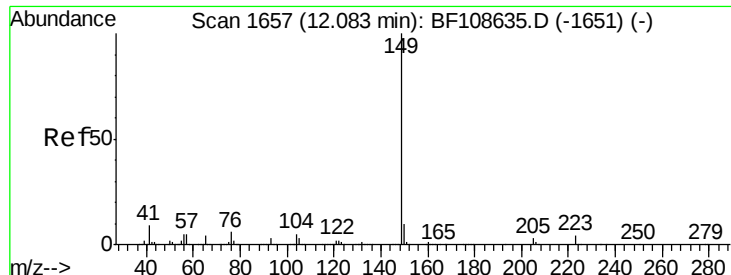
Tot Ion:178 Resp: 439009
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 29.990 ng
 RT: 11.78 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Tgt Ion:167 Resp: 376590
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 12.6 10.9 16.3

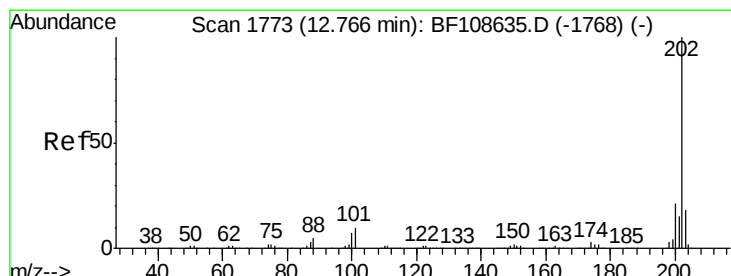
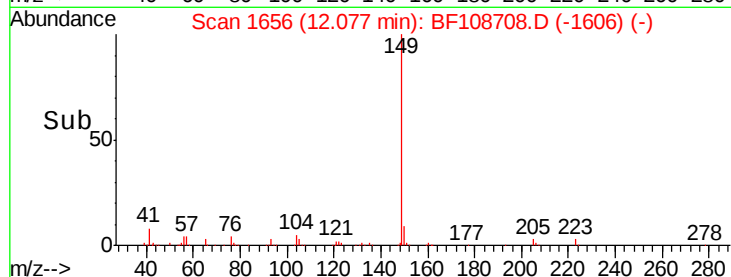
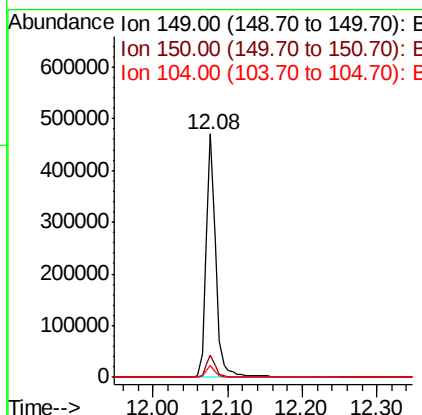
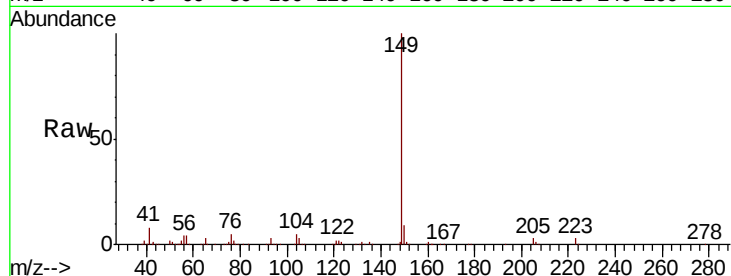




#73
Di-n-butylphthalate
Concen: 29.890 ng
RT: 12.08 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

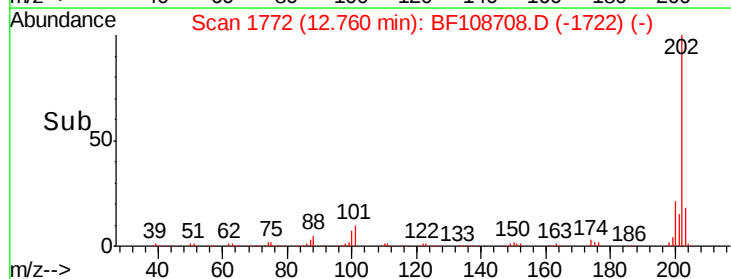
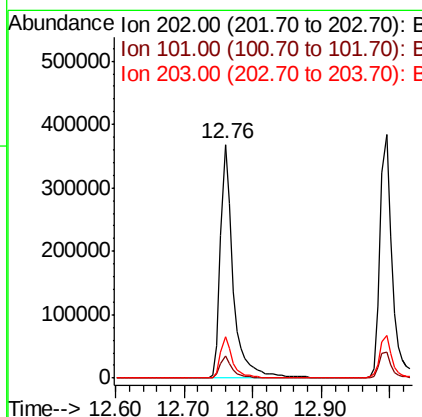
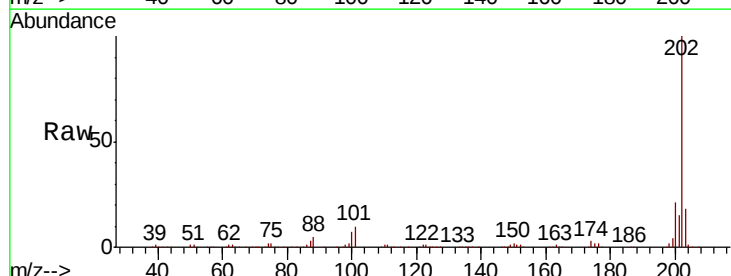
Instrument :
BNA_F
ClientSampleId :

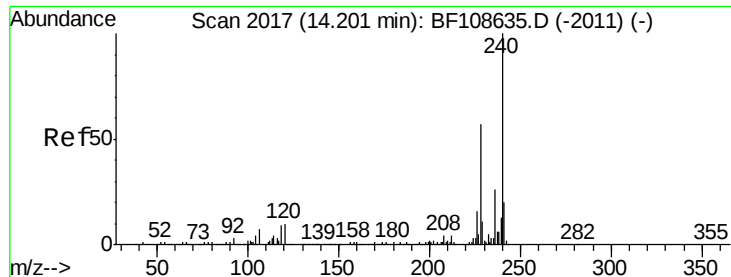
Tot Ion:149 Resp: 431841
Ion Ratio Lower Upper
149 100
150 9.1 7.8 11.6
104 5.1 3.8 5.8



#74
Fluoranthene
Concen: 33.654 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion:202 Resp: 468207
Ion Ratio Lower Upper
202 100
101 9.5 0.0 34.1
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

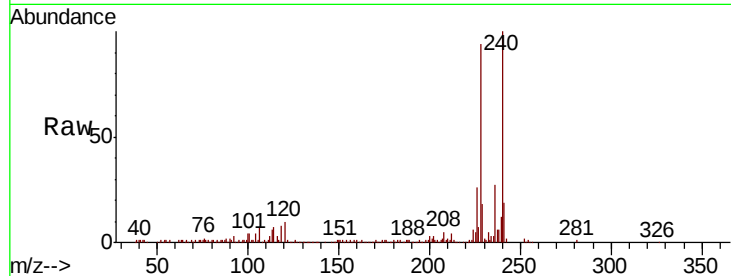
Tot Ion:240 Resp: 215762

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

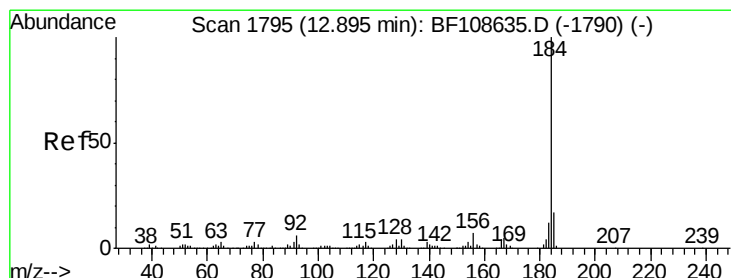
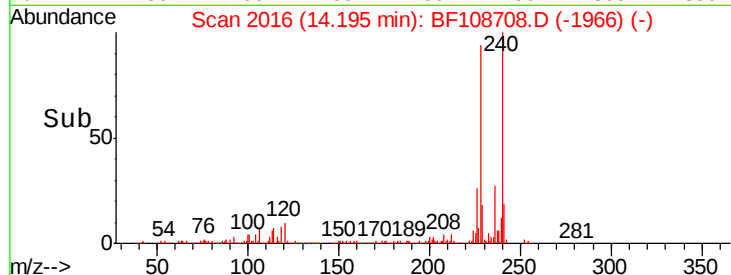
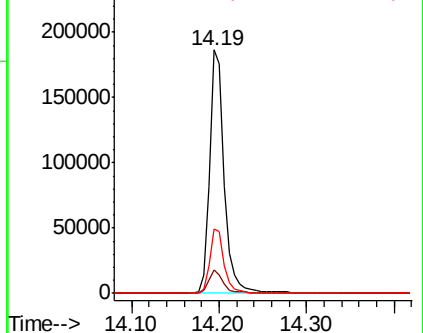
236 26.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.829 ng

RT: 12.90 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

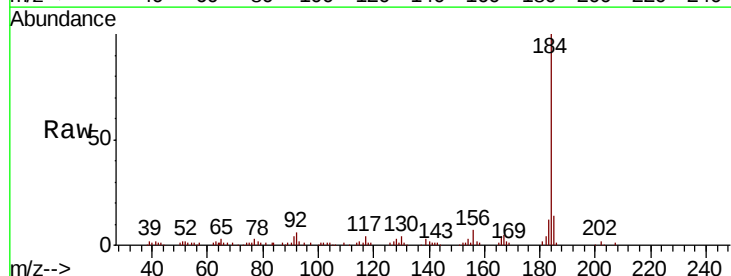
Tgt Ion:184 Resp: 199387

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

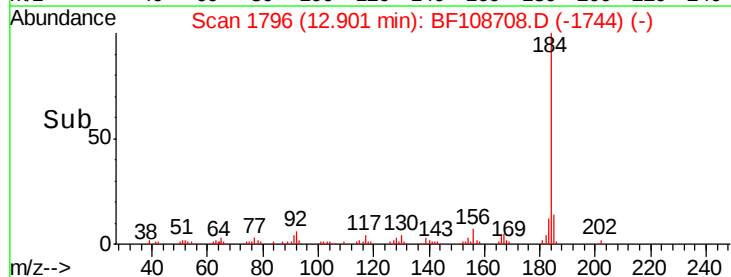
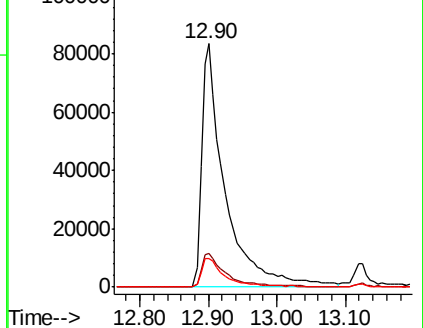
183 11.6 9.3 13.9

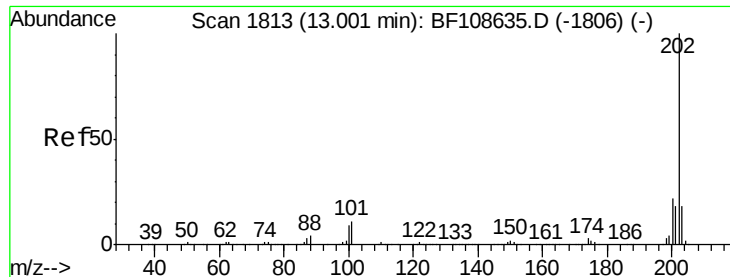


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

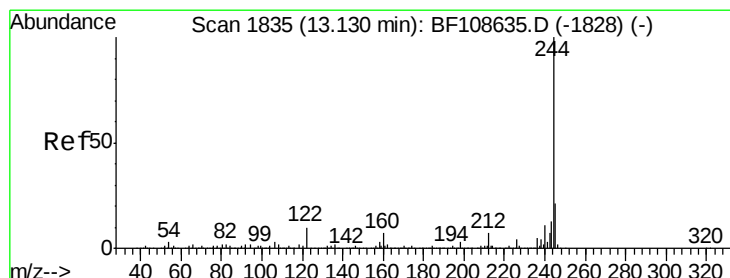
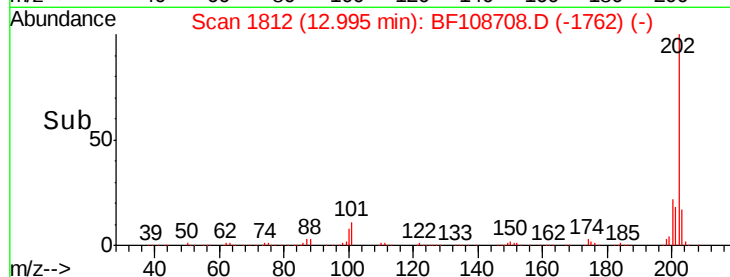
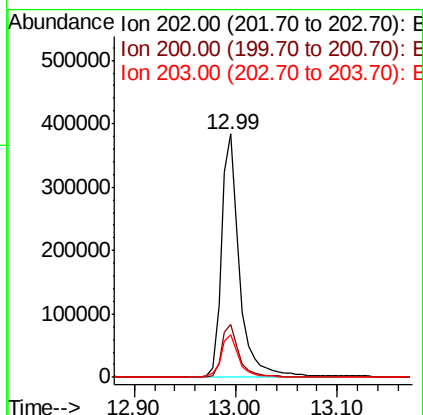
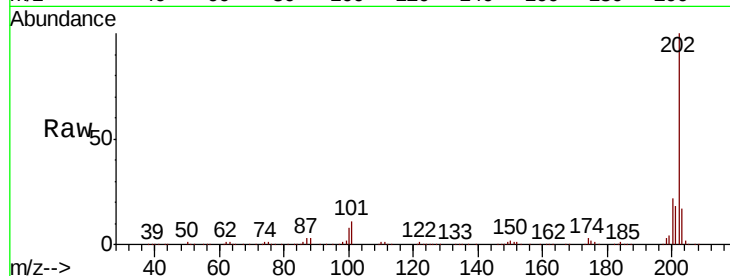




#77
Pvrene
Concen: 28.669 ng
RT: 12.99 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

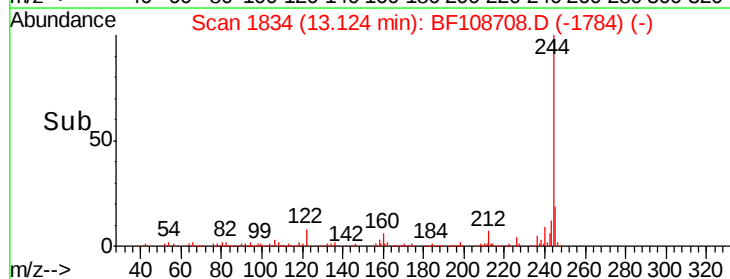
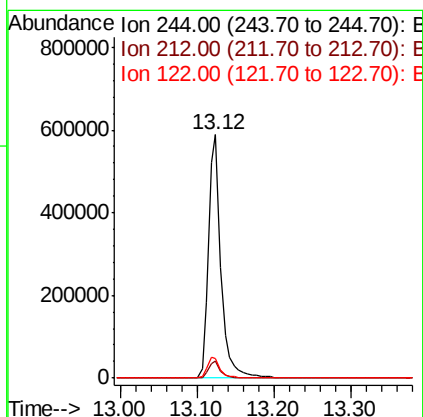
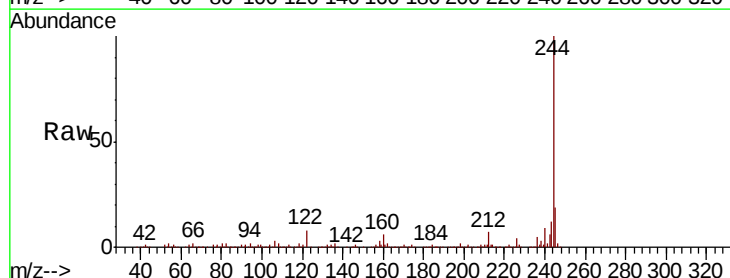
Instrument :
BNA_F
ClientSampled :

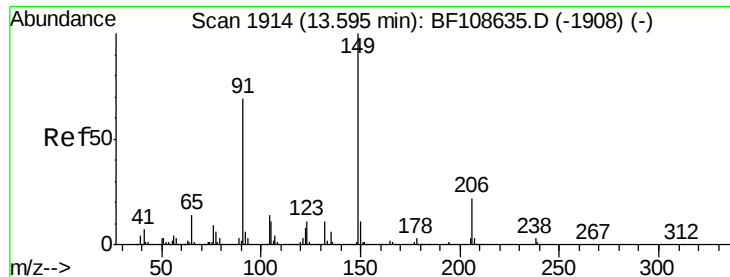
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.3	14.3	21.5



#78
Terphenyl-d14
Concen: 59.176 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	8.2	11.0	16.4

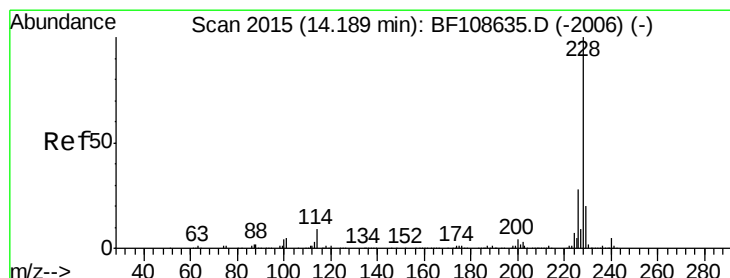
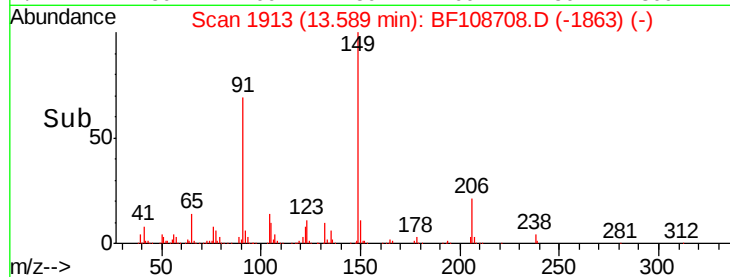
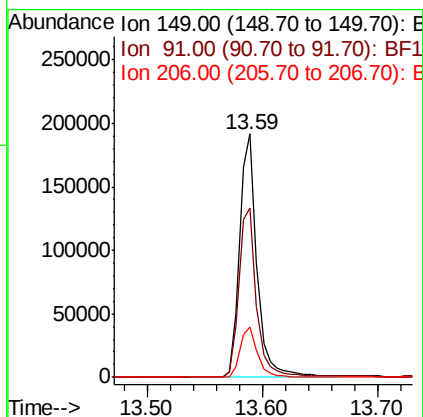
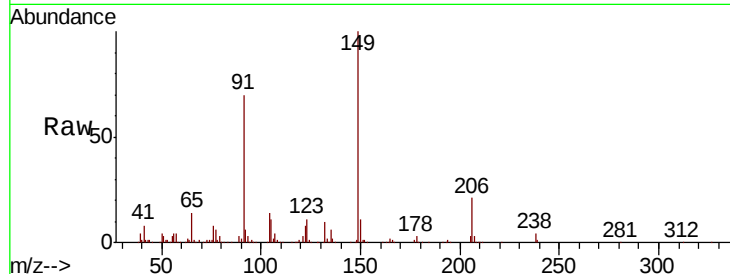




#79
 Butylbenzylphthalate
 Concen: 29.614 ng
 RT: 13.59 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

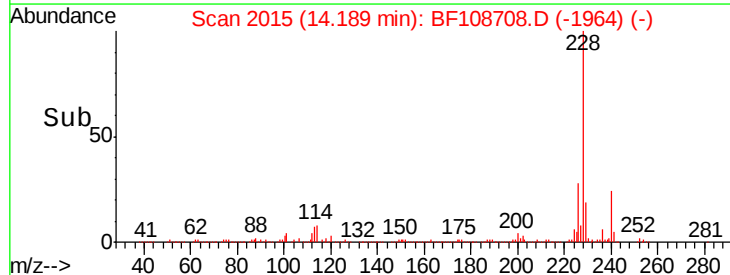
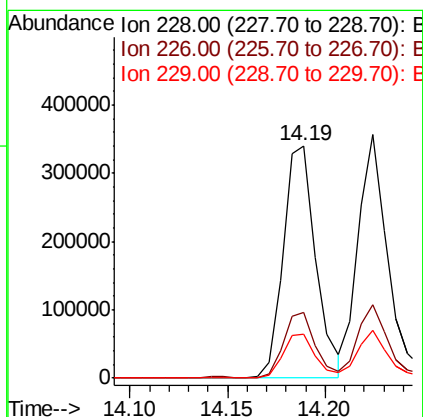
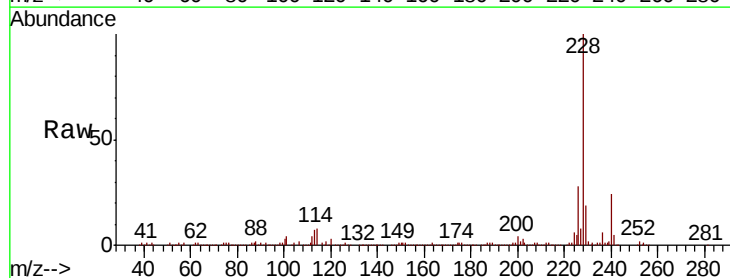
Instrument :
 BNA_F
 ClientSampled :

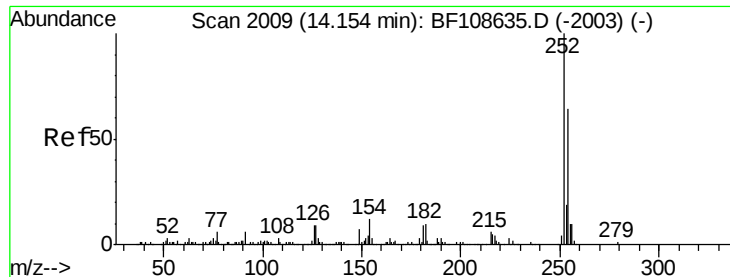
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.7	56.8	85.2
206	20.9	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 29.880 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.1	15.8	23.6

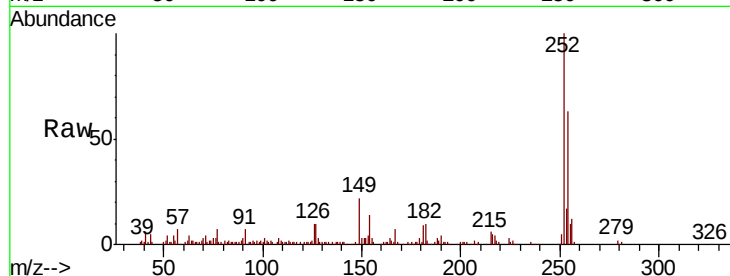




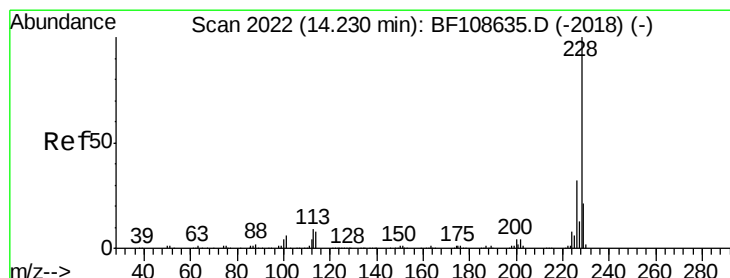
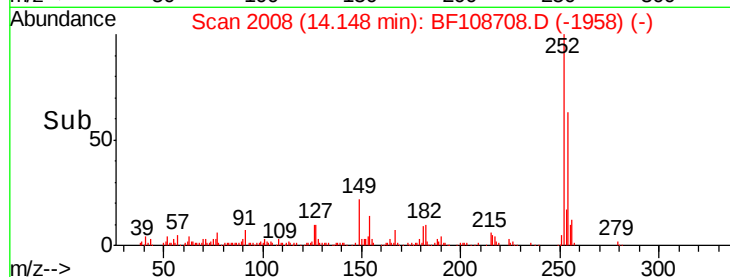
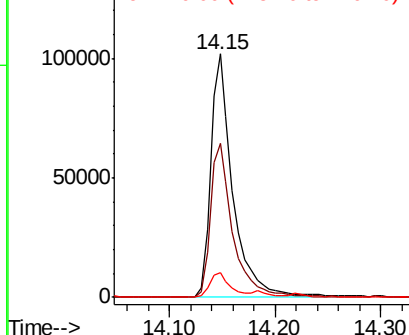
#81
 3,3'-Dichlorobenzidine
 Concen: 31.364 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 149609
 Ion Ratio Lower Upper
 252 100
 254 63.4 50.4 75.6
 126 10.3 11.3 16.9#

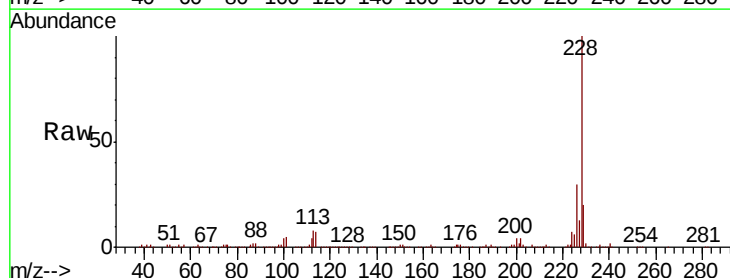


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

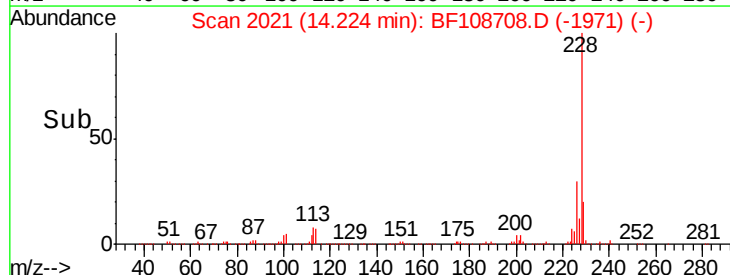
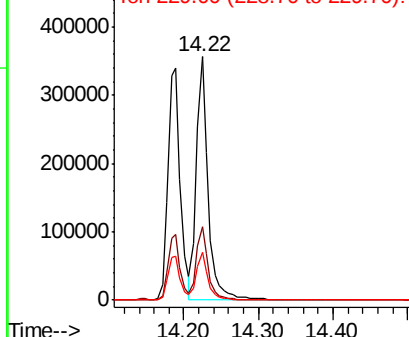


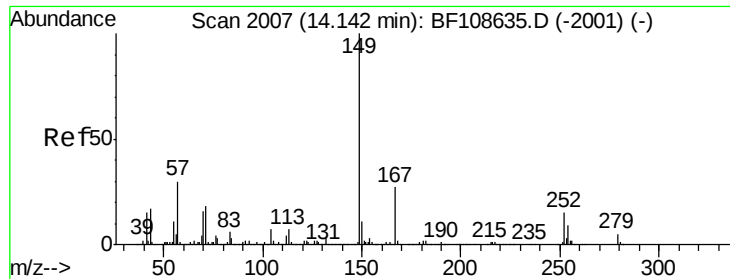
#82
 Chrysene
 Concen: 31.122 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Tgt Ion:228 Resp: 393677
 Ion Ratio Lower Upper
 228 100
 226 29.9 25.0 37.6
 229 19.7 16.2 24.4



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

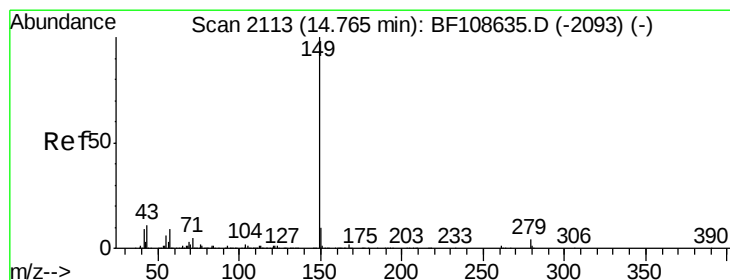
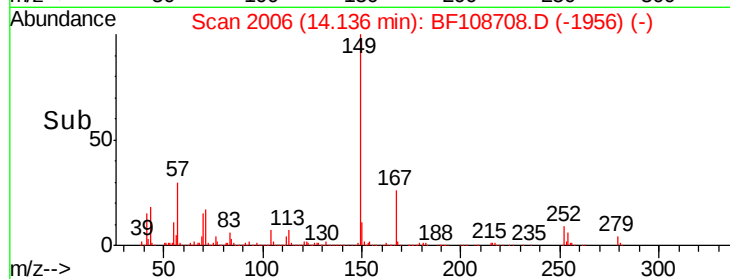
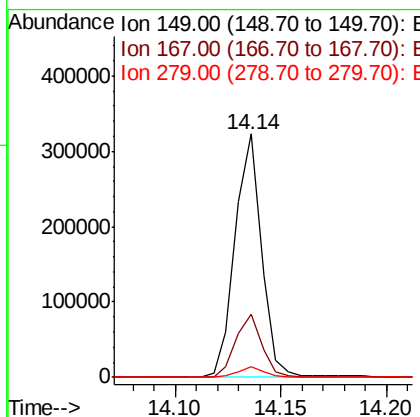
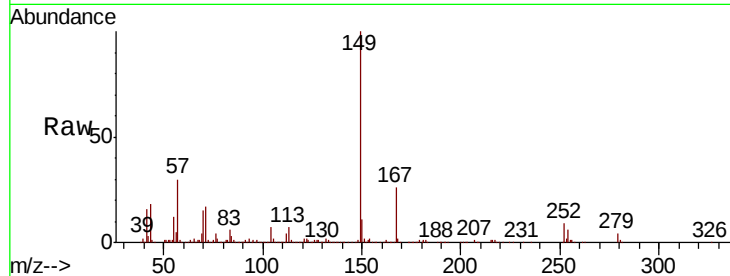




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.777 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

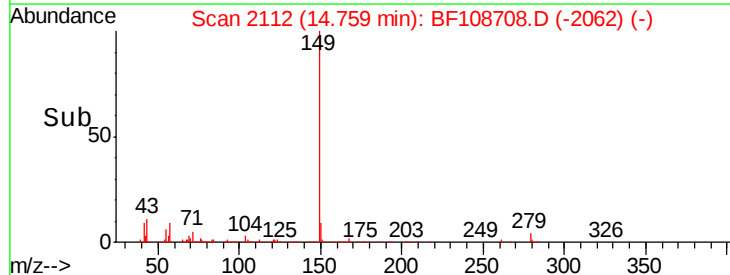
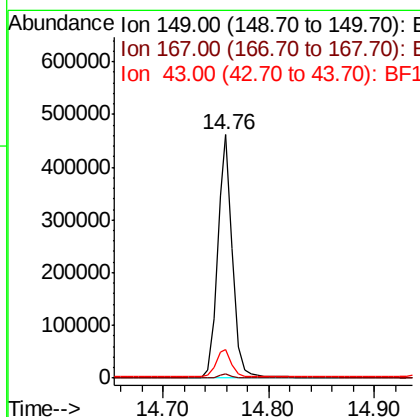
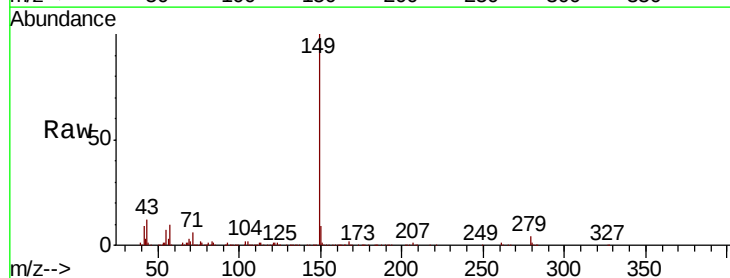
Instrument :
 BNA_F
 ClientSampleId :

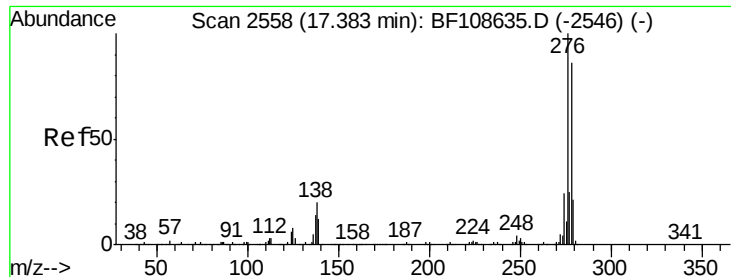
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.3	31.9
279	4.4	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 35.179 ng
 RT: 14.76 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	12.0	8.4	12.6

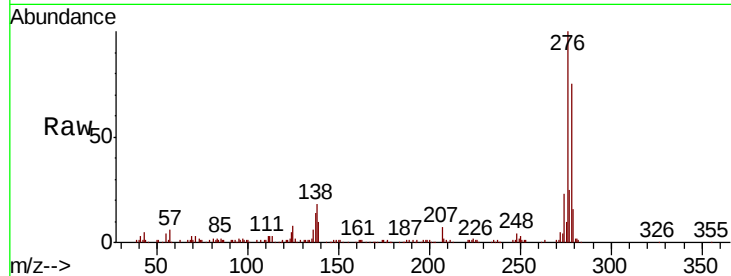




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.145 ng
 RT: 17.38 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.3	25.0	37.6#
277	25.2	20.1	30.1

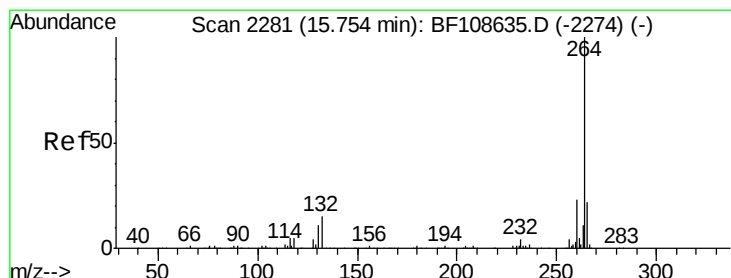
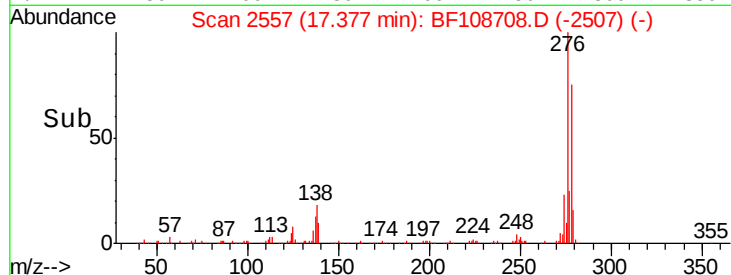
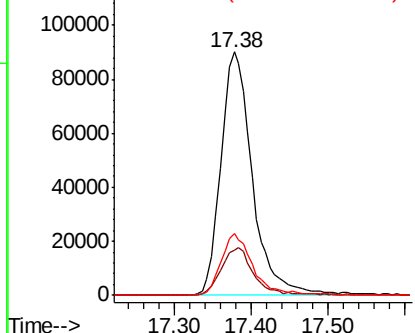


Abundance

Ion 276.00 (275.70 to 276.70): E

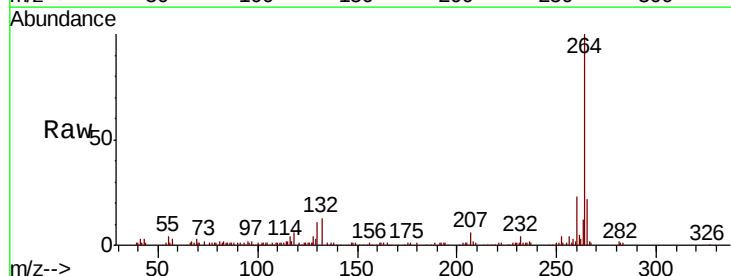
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.0	17.5	26.3

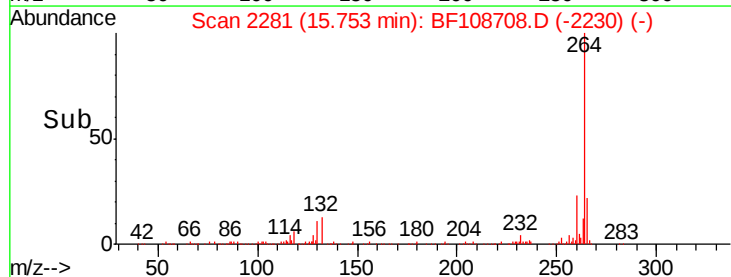
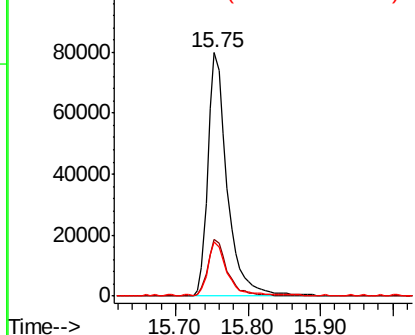


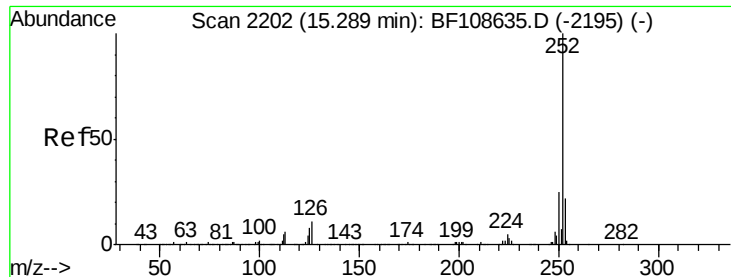
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

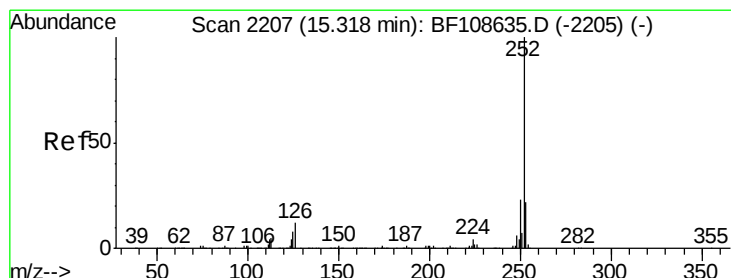
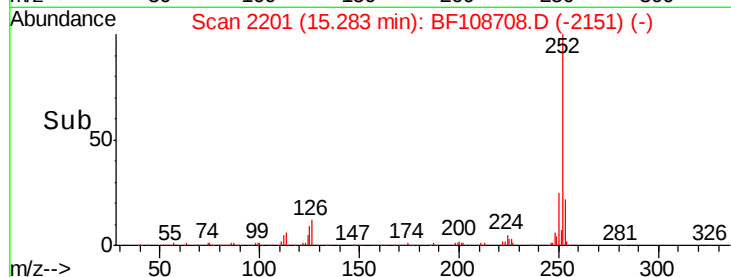
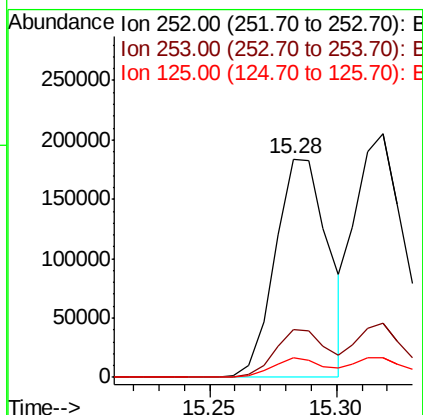
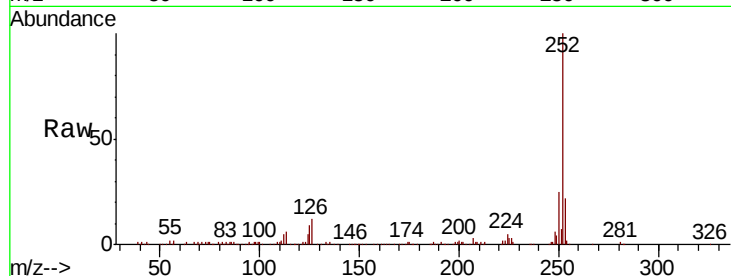




#87
Benzo(b)fluoranthene
Concen: 29.275 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

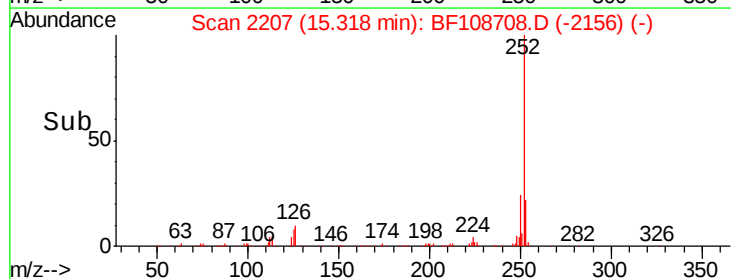
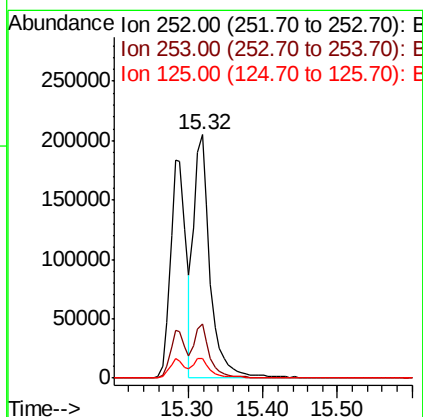
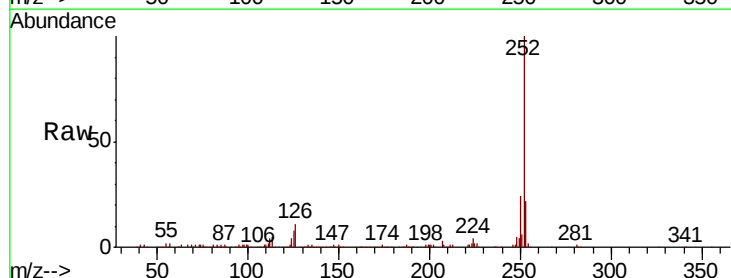
Instrument :
BNA_F
ClientSampleId :

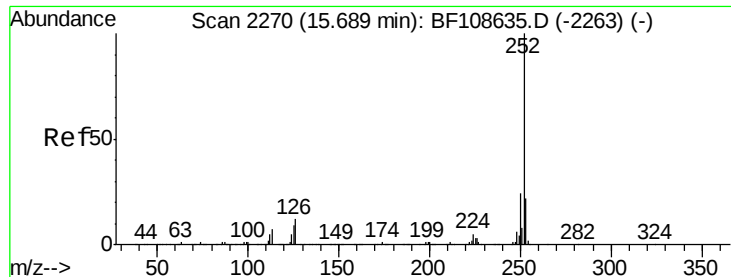
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	8.8	9.0	13.6#



#88
Benzo(k)fluoranthene
Concen: 34.540 ng
RT: 15.32 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	7.8	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 31.508 ng

RT: 15.69 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

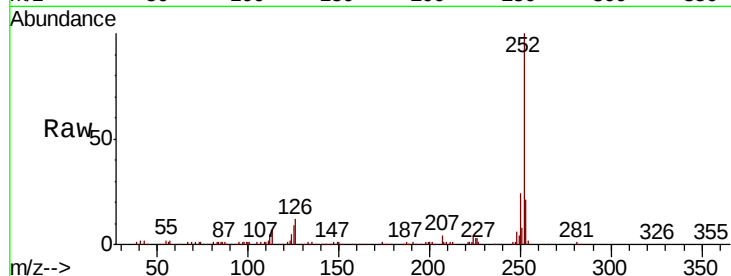
Tot Ion:252 Resp: 259662

Ion Ratio Lower Upper

252 100

253 20.7 17.1 25.7

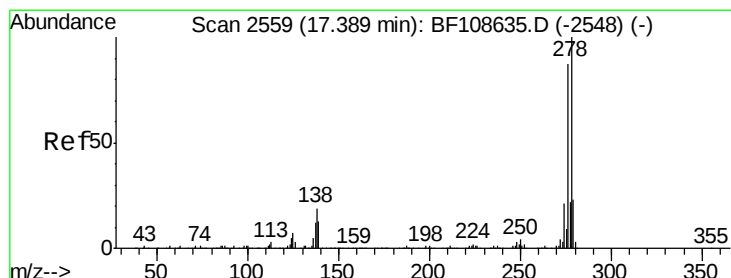
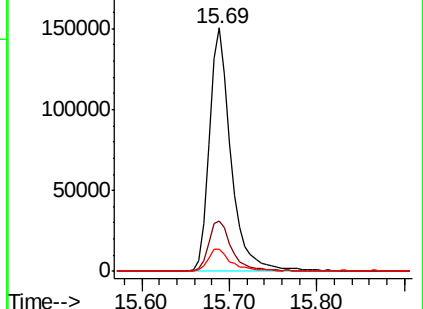
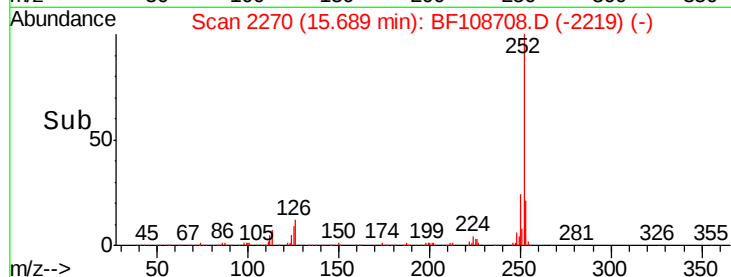
125 9.3 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 32.956 ng

RT: 17.39 min Scan# 2559

Delta R.T. -0.00 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

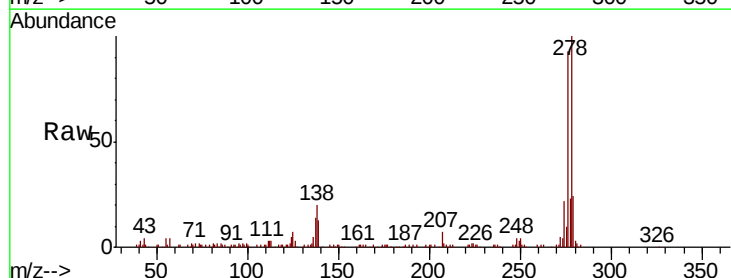
Tgt Ion:278 Resp: 216915

Ion Ratio Lower Upper

278 100

139 12.9 15.9 23.9#

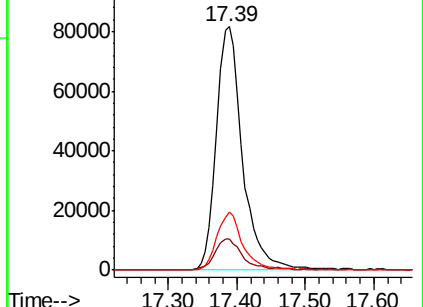
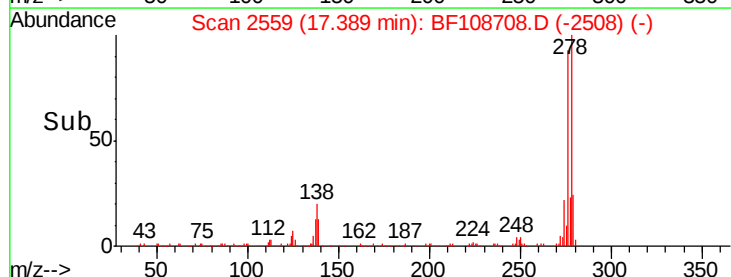
279 24.0 19.0 28.4

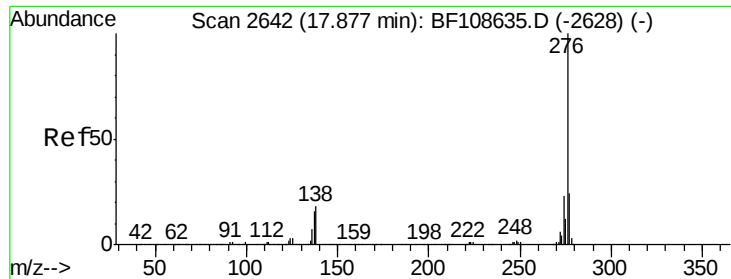


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

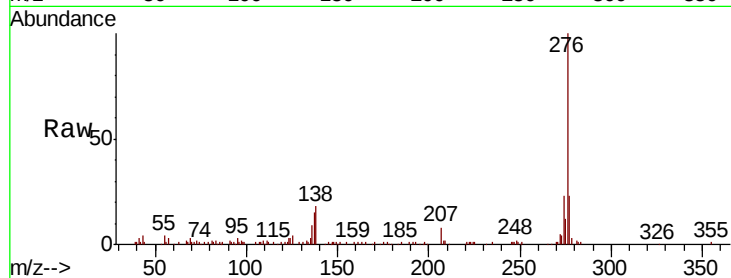




#91
 Benzo(a,h,i)perylene
 Concen: 32.830 ng
 RT: 17.87 min Scan# 2641
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	17.9	26.9
138	17.9	21.8	32.8#



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

