

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108523.D
 Acq On : 27 Aug 2018 20:58
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 01:37:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	115420	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	442586	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	211213	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	340217	20.00	ng	0.00
75) Chrysene-d12	14.19	240	282712	20.00	ng	0.00
86) Perylene-d12	15.75	264	267477	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	520624	81.66	ng	0.00
7) Phenol-d6	6.62	99	685516	80.92	ng	0.00
23) Nitrobenzene-d5	7.57	82	668368	84.27	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	165338	78.48	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1257729	95.60	ng	0.00
78) Terphenyl-d14	13.12	244	873232	78.53	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.85	88	120295	36.722	ng	88
3) Pyridine	3.65	79	317349	37.607	ng	# 84
4) n-Nitrosodimethylamine	3.61	42	164007	34.540	ng	# 82
6) Aniline	6.67	93	459056	39.837	ng	96
8) 2-Chlorophenol	6.79	128	296968	41.359	ng	98
9) Benzaldehyde	6.56	77	250402	38.123	ng	98
10) Phenol	6.64	94	383406	43.752	ng	95
11) bis(2-Chloroethyl)ether	6.73	93	283701	40.045	ng	88
12) 1,3-Dichlorobenzene	6.94	146	340389	41.000	ng	98
13) 1,4-Dichlorobenzene	7.02	146	344024	41.243	ng	98
14) 1,2-Dichlorobenzene	7.17	146	322190	41.525	ng	99
15) Benzyl Alcohol	7.14	79	279811	39.234	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	554649	38.003	ng	98
17) 2-Methylphenol	7.25	107	251573	40.857	ng	95
18) Hexachloroethane	7.51	117	110243	37.123	ng	90
19) n-Nitroso-di-n-propylamine	7.41	70	225538	39.369	ng	91
20) 3+4-Methylphenols	7.40	107	310929	39.405	ng	97
22) Acetophenone	7.41	105	426068	41.171	ng	# 90
24) Nitrobenzene	7.58	77	330323	41.185	ng	93
25) Isophorone	7.82	82	604502	39.987	ng	97
26) 2-Nitrophenol	7.90	139	140573	46.411	ng	94
27) 2,4-Dimethylphenol	7.92	122	271606	40.480	ng	95
28) bis(2-Chloroethoxy)methane	8.02	93	362789	41.108	ng	99
29) 2,4-Dichlorophenol	8.14	162	260218	42.143	ng	97
30) 1,2,4-Trichlorobenzene	8.22	180	283314	41.616	ng	97
31) Naphthalene	8.31	128	844725	41.968	ng	100
32) Benzoic acid	8.04	122	80360	24.045	ng	95
33) 4-Chloroaniline	8.35	127	356965	40.695	ng	98
34) Hexachlorobutadiene	8.41	225	187179	43.432	ng	99
35) Caprolactam	8.73	113	75714	39.129	ng	# 81
36) 4-Chloro-3-methylphenol	8.83	107	266691	40.037	ng	98
37) 2-Methylnaphthalene	9.00	142	584279	41.029	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	298956	46.092	ng	# 97
40) Hexachlorocyclopentadiene	9.14	237	19896	4.749	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	182974	45.460	ng	98
43) 2,4,5-Trichlorophenol	9.28	196	182974	41.296	ng	95
45) 1,1'-Biphenyl	9.46	154	703668	45.186	ng	99
46) 2-Chloronaphthalene	9.49	162	543699	44.174	ng	98
47) 2-Nitroaniline	9.59	65	176120	44.224	ng	94
48) Acenaphthylene	9.91	152	838649	43.100	ng	100
49) Dimethylphthalate	9.76	163	649619	44.154	ng	# 98
50) 2,6-Dinitrotoluene	9.82	165	134818	43.798	ng	88
51) Acenaphthene	10.08	154	487549	40.908	ng	99
52) 3-Nitroaniline	10.00	138	139000	41.272	ng	99
53) 2,4-Dinitrophenol	10.11	184	18582	21.735	ng	# 20
54) Dibenzofuran	10.25	168	719406	41.664	ng	98
55) 4-Nitrophenol	10.15	139	79815	31.295	ng	87
56) 2,4-Dinitrotoluene	10.23	165	164788	41.590	ng	# 92
57) Fluorene	10.60	166	555322	40.628	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	143827	38.837	ng	# 87
59) Diethylphthalate	10.45	149	620277	43.538	ng	97
60) 4-Chlorophenyl-phenylether	10.58	204	295837	41.537	ng	92
61) 4-Nitroaniline	10.61	138	125010	37.543	ng	91
62) Azobenzene	10.74	77	580148	39.431	ng	94
64) 4,6-Dinitro-2-methylphenol	10.64	198	33508	28.663	ng	82
65) n-Nitrosodiphenylamine	10.70	169	504181	50.149	ng	96
66) 4-Bromophenyl-phenylether	11.08	248	178097	48.170	ng	# 85
67) Hexachlorobenzene	11.15	284	168651	43.354	ng	# 87
68) Atrazine	11.22	200	160982	47.740	ng	97
69) Pentachlorophenol	11.34	266	59185	31.786	ng	96
70) Phenanthrene	11.57	178	685000	42.688	ng	99
71) Anthracene	11.62	178	700646	42.601	ng	100
72) Carbazole	11.77	167	578771	39.608	ng	99
73) Di-n-butylphthalate	12.08	149	830208	50.159	ng	99
74) Fluoranthene	12.76	202	661818	37.790	ng	95
76) Benzidine	12.88	184	363232	34.388	ng	100
77) Pyrene	12.99	202	655999	36.651	ng	99
79) Butylbenzylphthalate	13.59	149	283198	39.846	ng	97
80) Benzo(a)anthracene	14.18	228	669719	41.278	ng	99
81) 3,3'-Dichlorobenzidine	14.14	252	248219	42.689	ng	# 97
82) Chrysene	14.22	228	628377	42.245	ng	98
83) Bis(2-ethylhexyl)phthalate	14.14	149	391598	40.687	ng	99
84) Di-n-octyl phthalate	14.77	149	725206	49.407	ng	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	490725	38.075	ng	# 90
87) Benzo(b)fluoranthene	15.28	252	655760	41.029	ng	# 97
88) Benzo(k)fluoranthene	15.31	252	641548	43.666	ng	# 96
89) Benzo(a)pyrene	15.68	252	594582	41.544	ng	# 96
90) Dibenzo(a,h)anthracene	17.38	278	417554	35.261	ng	# 92
91) Benzo(g,h,i)perylene	17.85	276	380010	32.589	ng	# 90

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

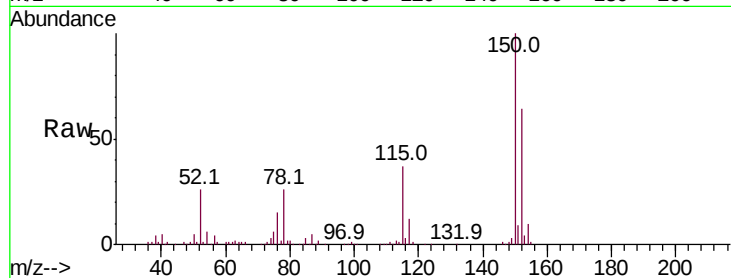


#1

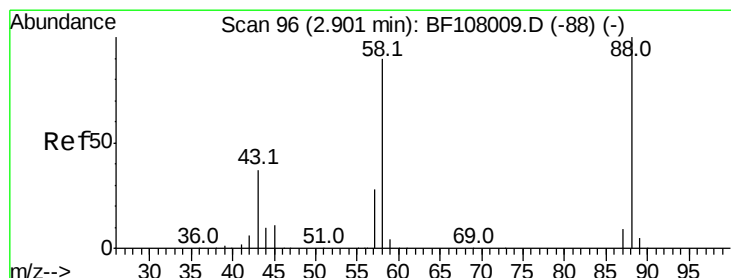
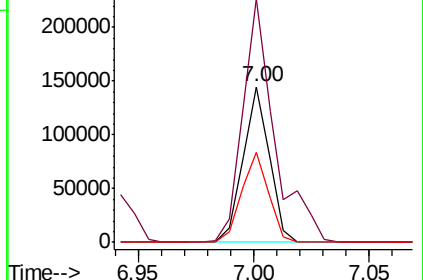
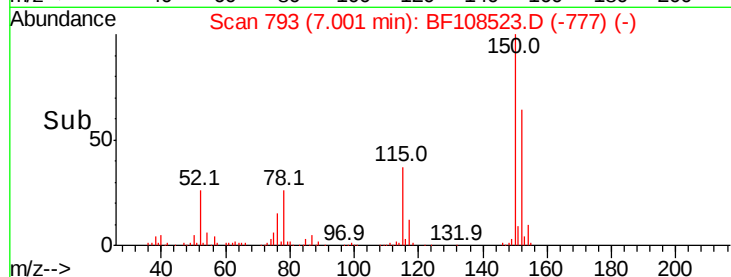
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108523.D
Acq: 27 Aug 2018 20:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 115420
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 57.6 50.1 75.1



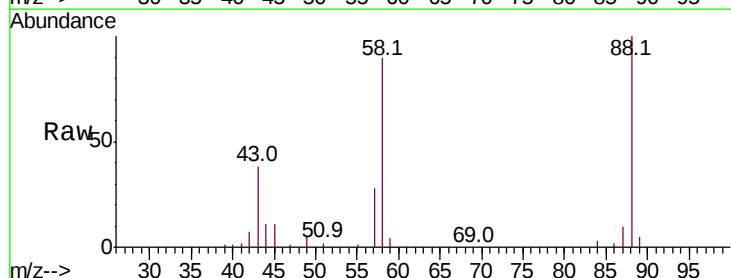
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



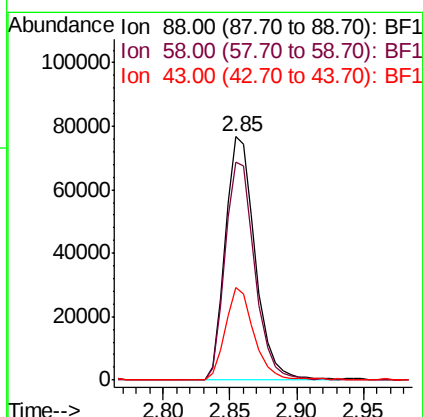
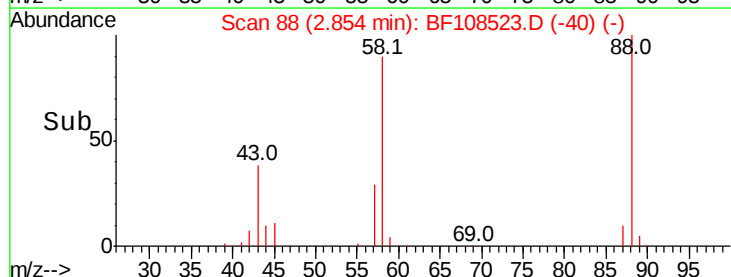
#2

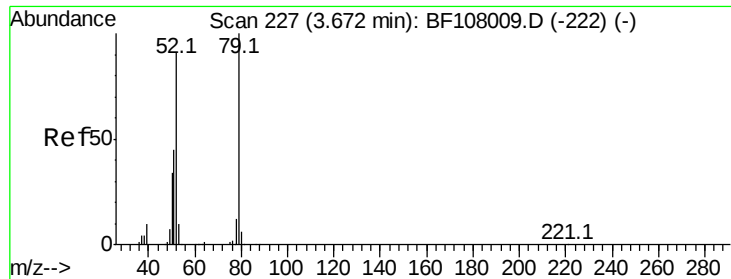
1,4-Dioxane
Concen: 36.722 ng
RT: 2.85 min Scan# 88
Delta R.T. -0.02 min
Lab File: BF108523.D
Acq: 27 Aug 2018 20:58

Tgt Ion: 88 Resp: 120295
Ion Ratio Lower Upper
88 100
58 88.8 62.6 93.8
43 36.6 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: 37.607 ng

RT: 3.65 min Scan# 223

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

Instrument :

BNA_F

ClientSampleId :

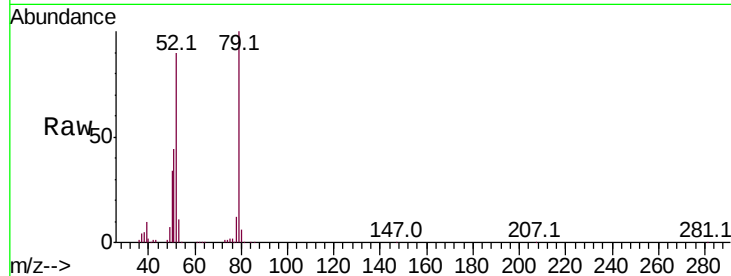
Tot Ion: 79 Resp: 317349

Ion Ratio Lower Upper

79 100

52 89.8 59.8 89.6#

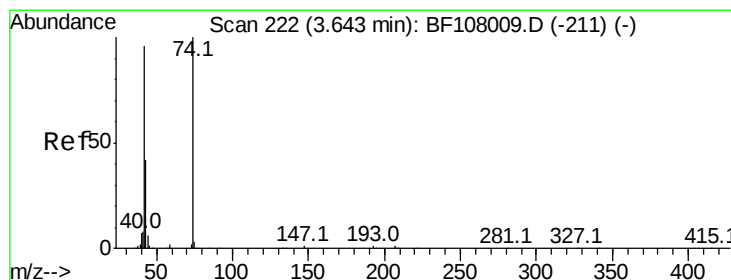
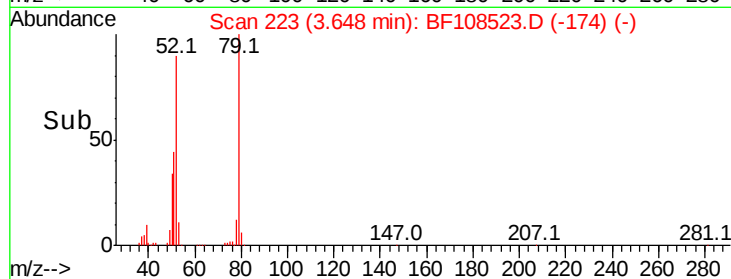
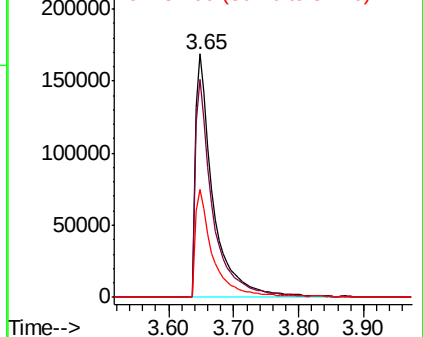
51 44.2 29.8 44.8



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: 34.540 ng

RT: 3.61 min Scan# 217

Delta R.T. -0.02 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

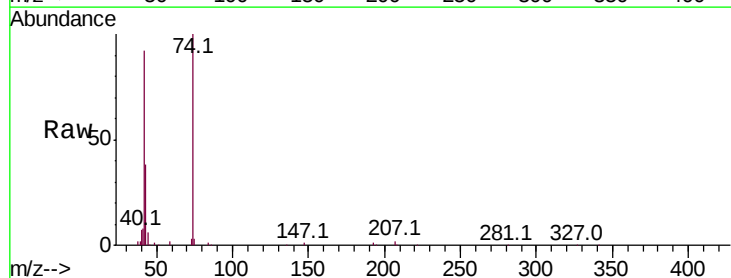
Tgt Ion: 42 Resp: 164007

Ion Ratio Lower Upper

42 100

74 109.0 104.9 157.3

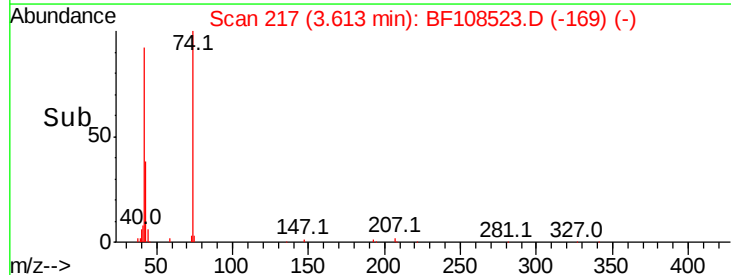
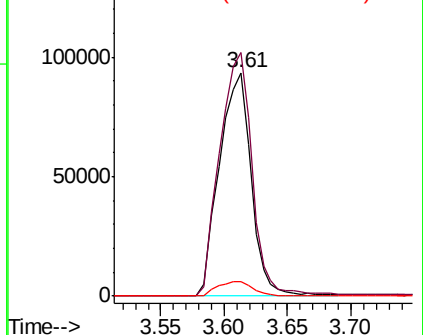
44 6.6 6.9 10.3#



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: 81.664 ng

RT: 5.62 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

Instrument :

BNA_F

ClientSampleId :

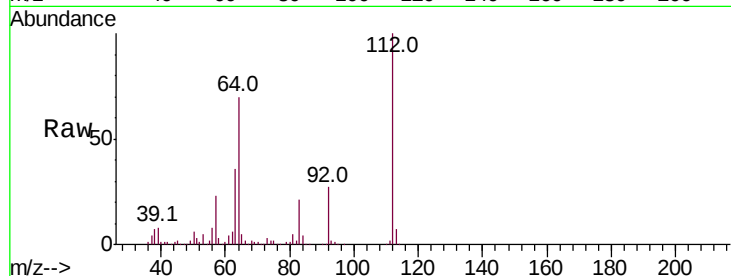
Tot Ion:112 Resp: 520624

Ion Ratio Lower Upper

112 100

64 69.6 47.9 71.9

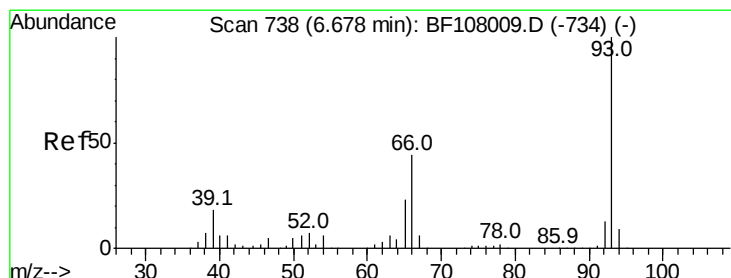
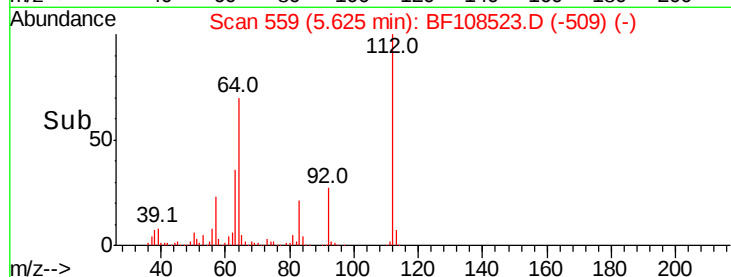
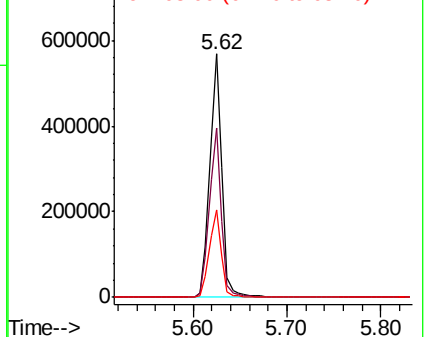
63 36.1 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.837 ng

RT: 6.67 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

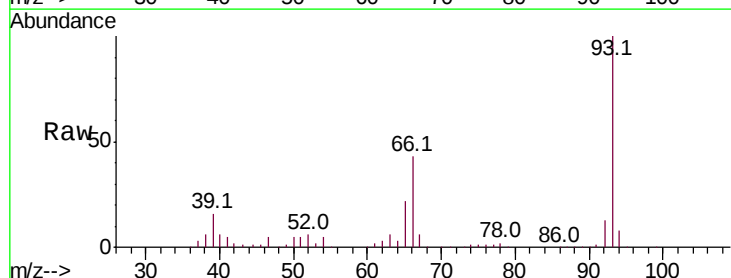
Tgt Ion: 93 Resp: 459056

Ion Ratio Lower Upper

93 100

66 42.7 32.2 48.2

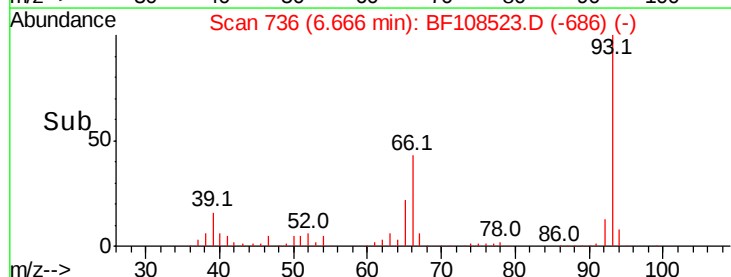
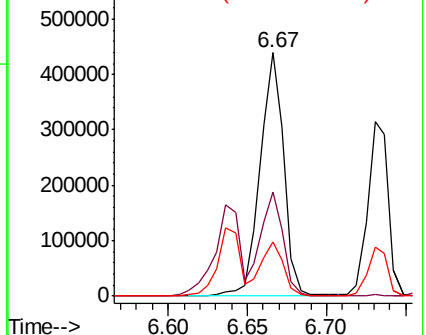
65 22.2 16.4 24.6

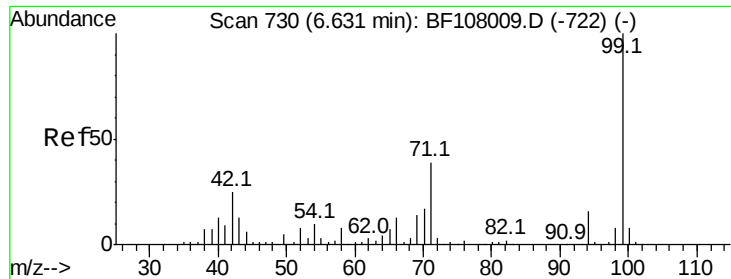


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.918 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

Instrument :

BNA_F

ClientSampleId :

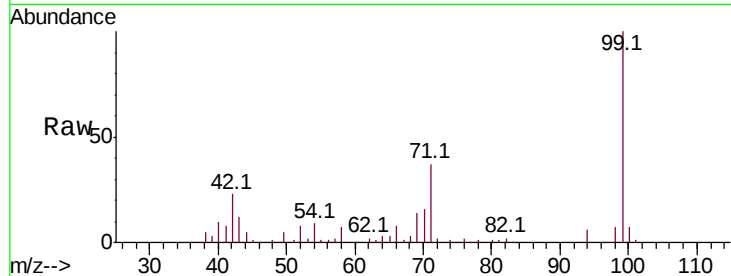
Tot Ion: 99 Resp: 685516

Ion Ratio Lower Upper

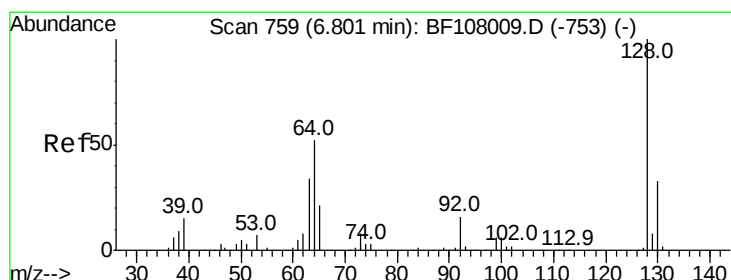
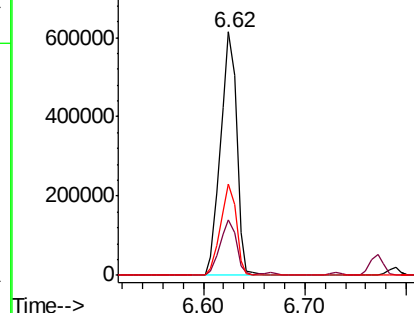
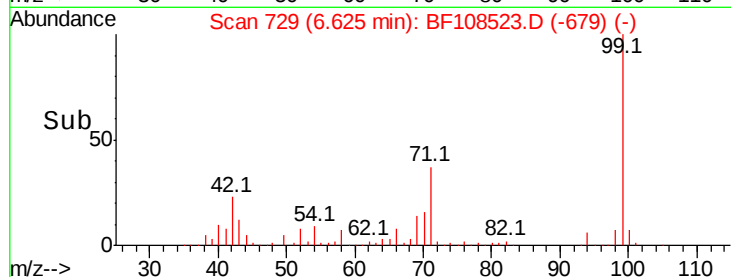
99 100

42 22.8 14.5 21.7#

71 37.3 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: 41.359 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

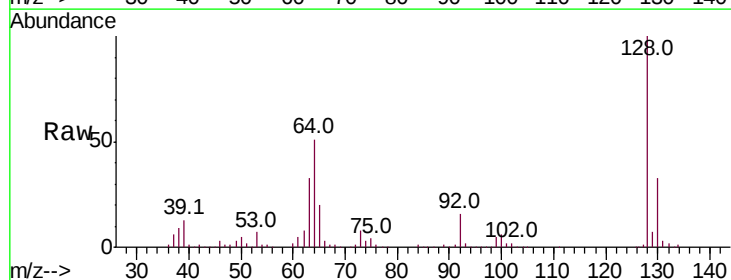
Tgt Ion: 128 Resp: 296968

Ion Ratio Lower Upper

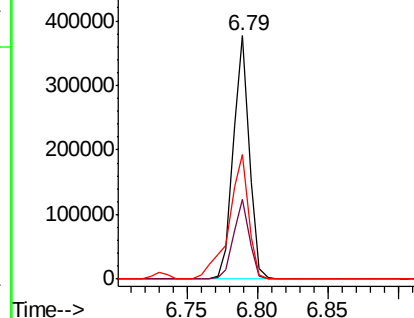
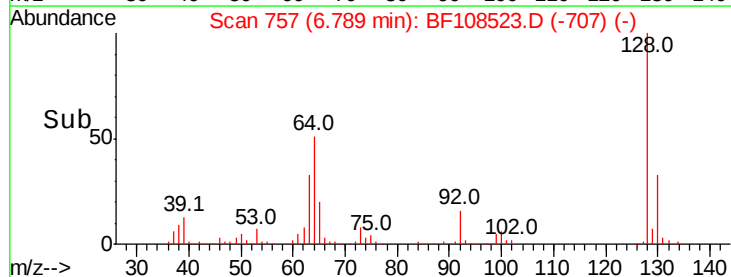
128 100

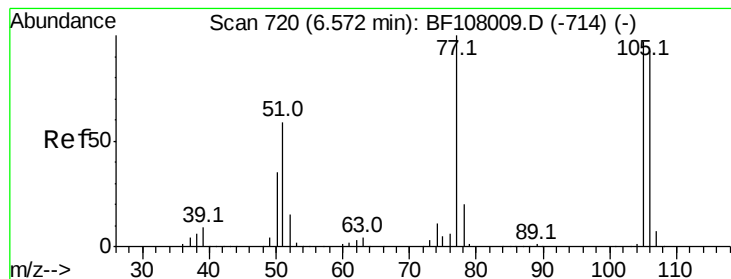
130 32.5 13.0 53.0

64 51.4 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: 38.123 ng

RT: 6.56 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

Instrument :

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ClientSampleId :

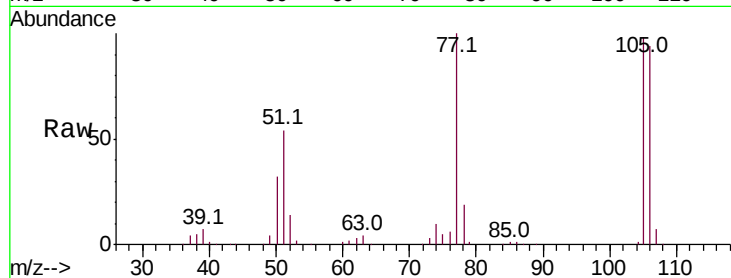
Tot Ion: 77 Resp: 250402

Ion Ratio Lower Upper

77 100

105 98.3 81.1 121.1

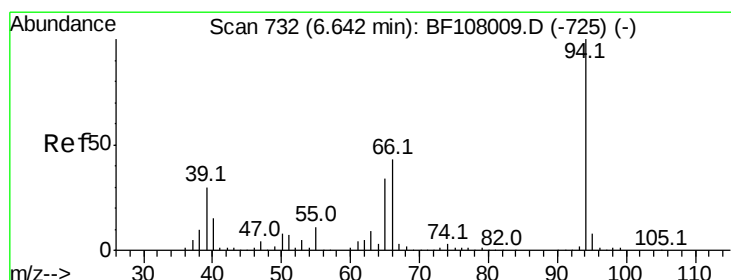
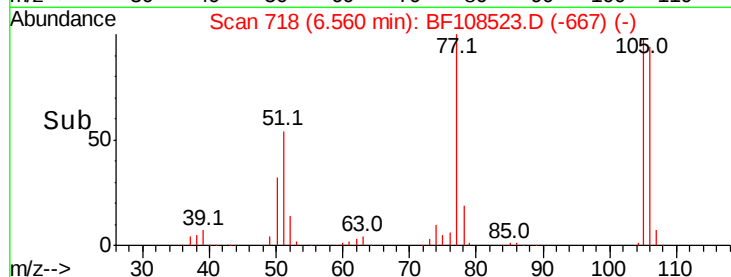
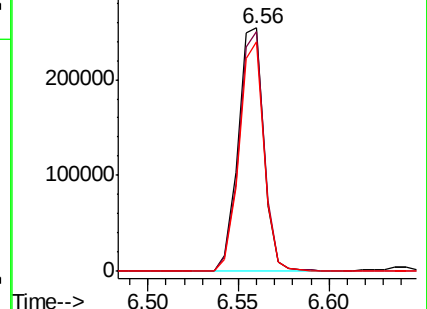
106 94.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.752 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

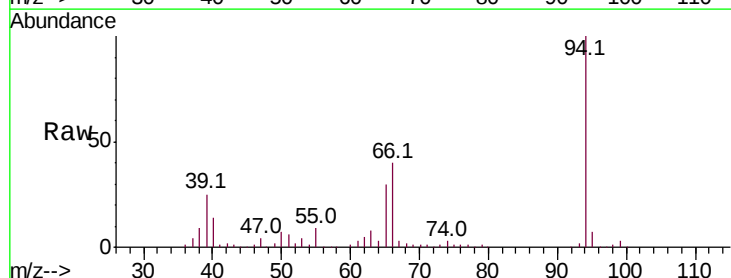
Tgt Ion: 94 Resp: 383406

Ion Ratio Lower Upper

94 100

65 30.3 7.9 47.9

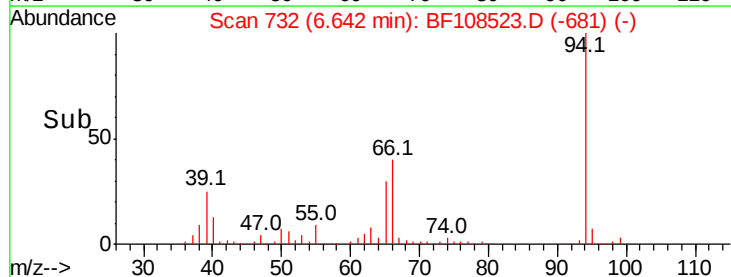
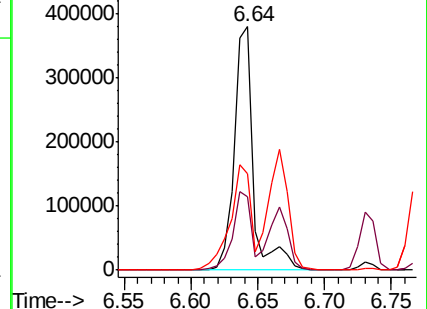
66 39.8 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

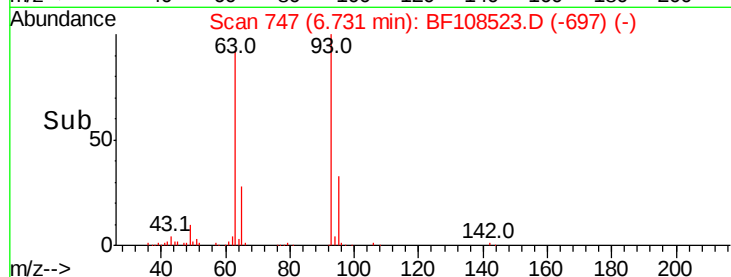
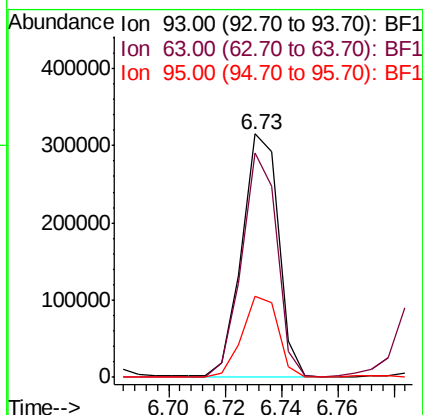
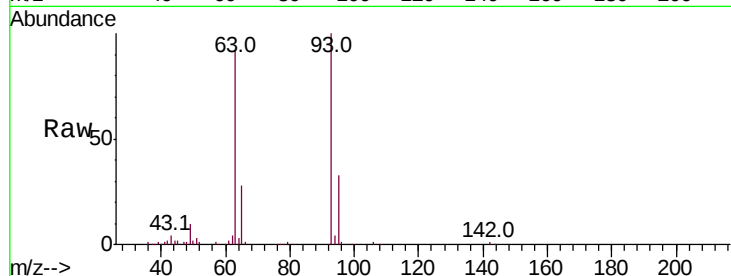




#11
 bis(2-Chloroethyl)ether
 Concen: 40.045 ng
 RT: 6.73 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF108523.D
 Acq: 27 Aug 2018 20:58

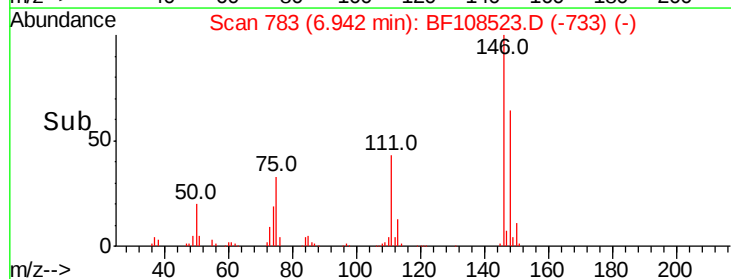
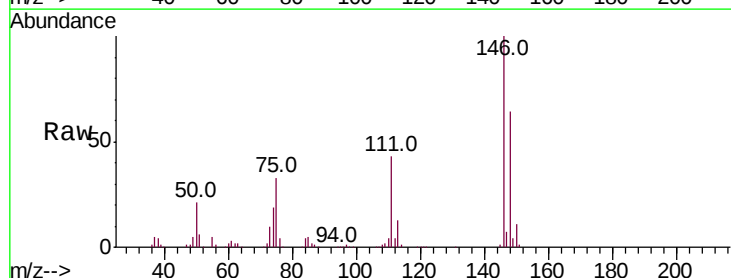
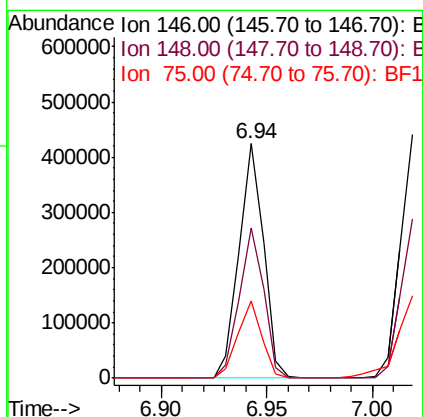
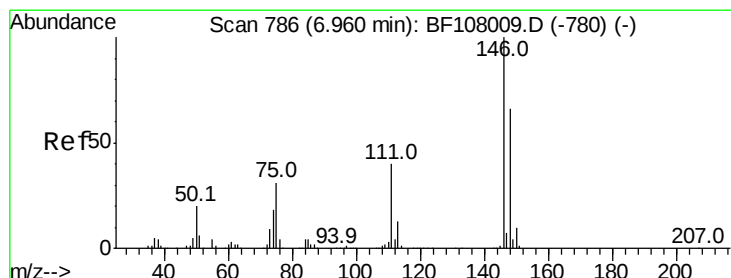
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 283701
 Ion Ratio Lower Upper
 93 100
 63 92.2 58.6 98.6
 95 33.2 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 41.000 ng
 RT: 6.94 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF108523.D
 Acq: 27 Aug 2018 20:58

Tgt Ion: 146 Resp: 340389
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.8 77.8
 75 32.9 24.2 36.4

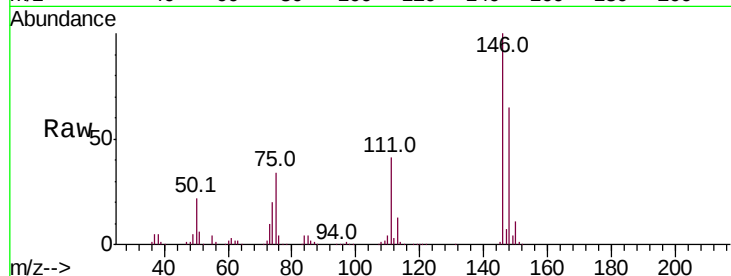




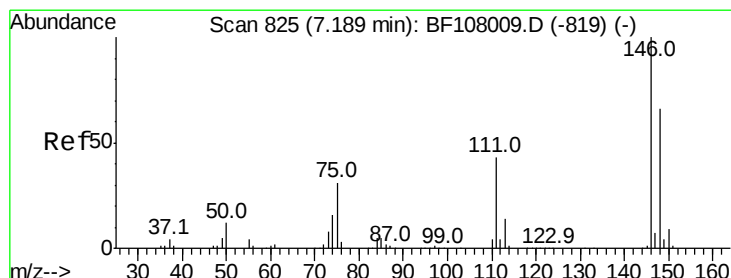
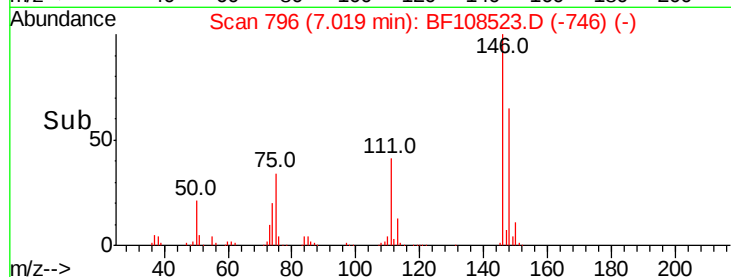
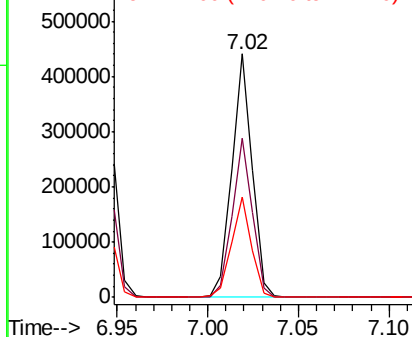
#13
 1,4-Dichlorobenzene
 Concen: 41.243 ng
 RT: 7.02 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF108523.D
 Acq: 27 Aug 2018 20:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 344024
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.8 76.2
 111 41.4 34.2 51.2

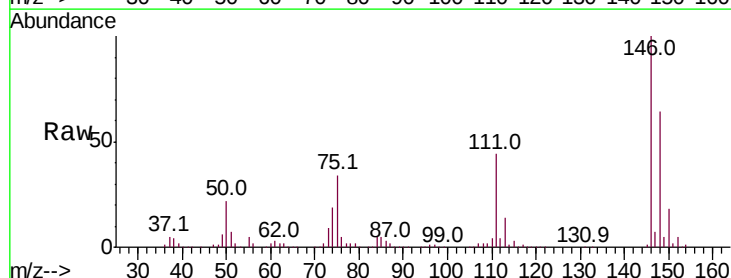


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

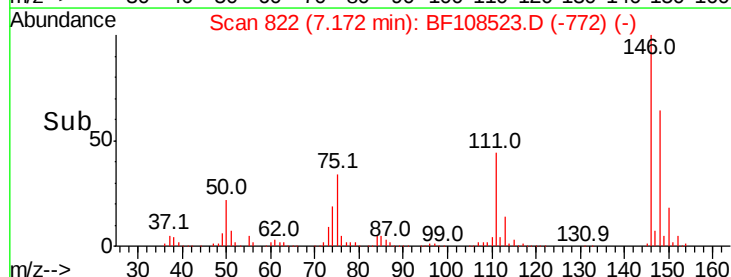
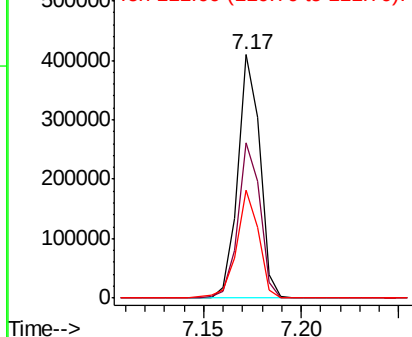


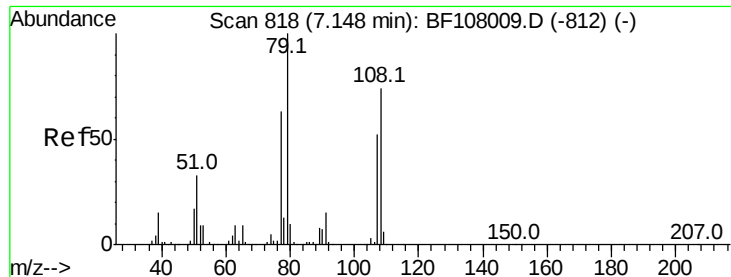
#14
 1,2-Dichlorobenzene
 Concen: 41.525 ng
 RT: 7.17 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF108523.D
 Acq: 27 Aug 2018 20:58

Tgt Ion:146 Resp: 322190
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 75.8
 111 44.2 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 39.234 ng

RT: 7.14 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

Instrument :

BNA_F

ClientSampleId :

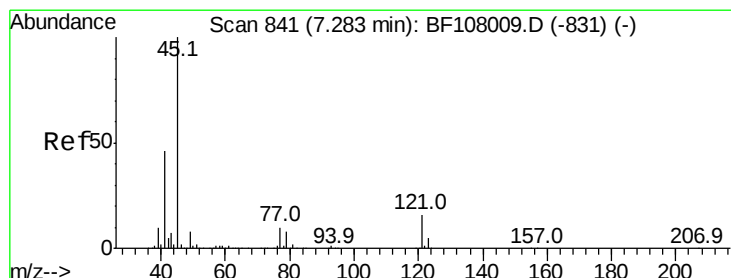
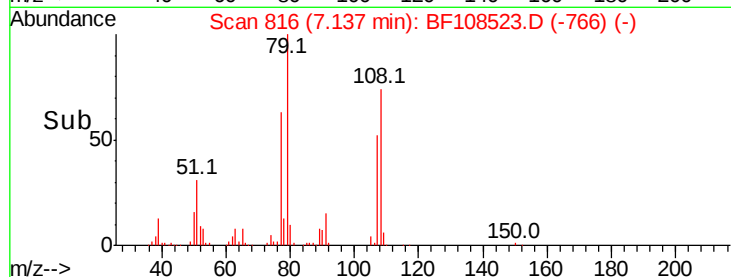
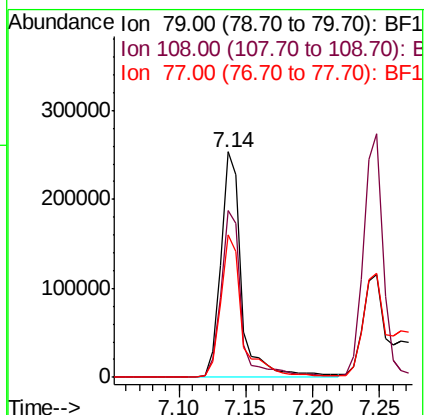
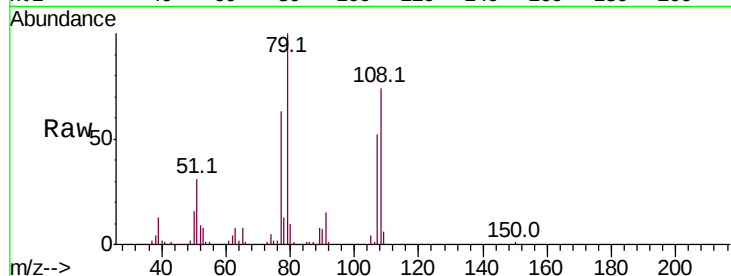
Tot Ion: 79 Resp: 279811

Ion Ratio Lower Upper

79 100

108 74.1 65.1 97.7

77 63.0 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.003 ng

RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

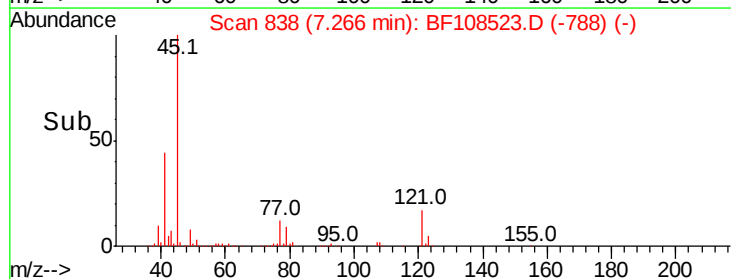
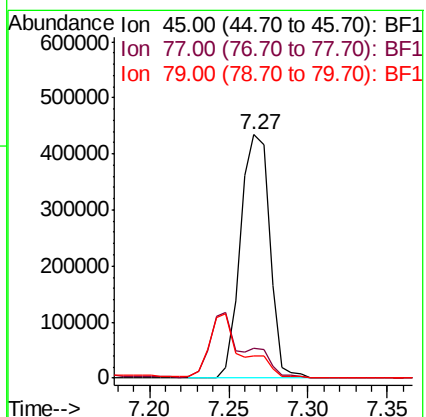
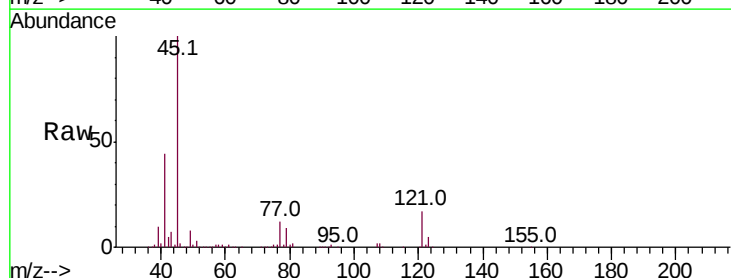
Tgt Ion: 45 Resp: 554649

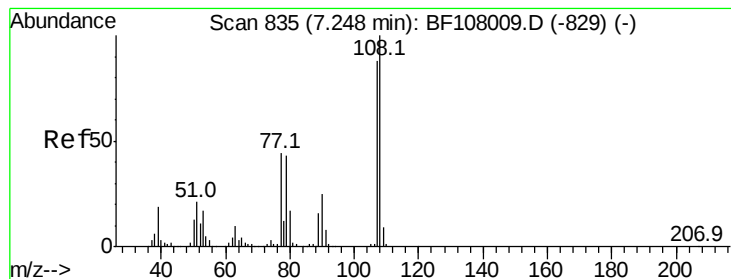
Ion Ratio Lower Upper

45 100

77 12.0 0.0 32.9

79 9.3 0.0 29.6

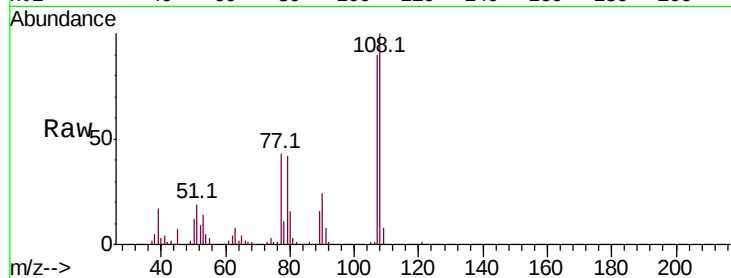




#17
2-Methylphenol
Concen: 40.857 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108523.D
Acq: 27 Aug 2018 20:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.5	91.7	137.5
77	47.8	33.8	50.8
79	46.9	33.8	50.8



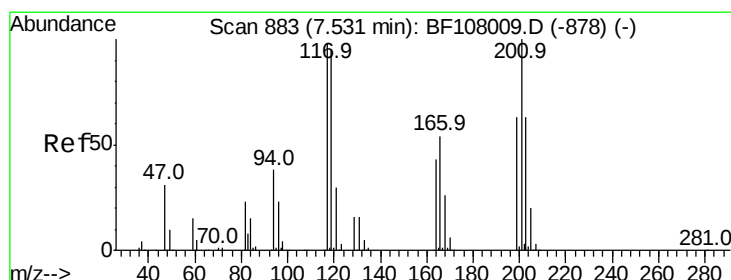
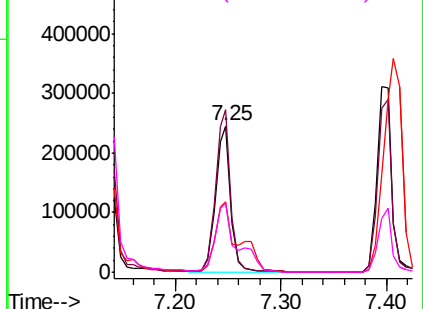
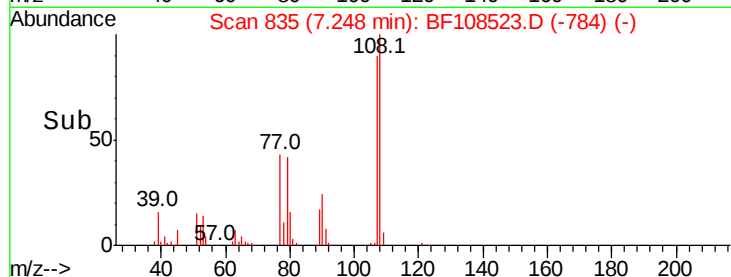
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

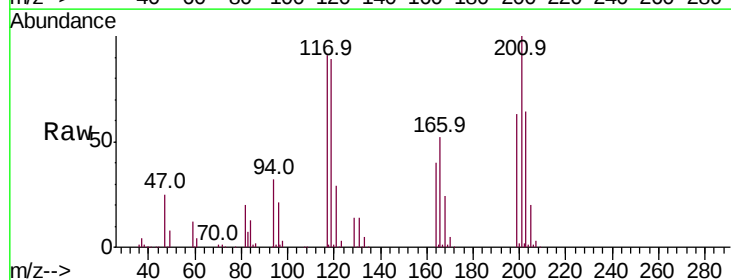
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 37.123 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108523.D
Acq: 27 Aug 2018 20:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	75.8	113.8
201	110.4	75.7	113.5

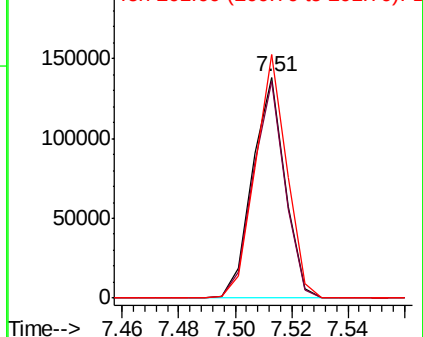
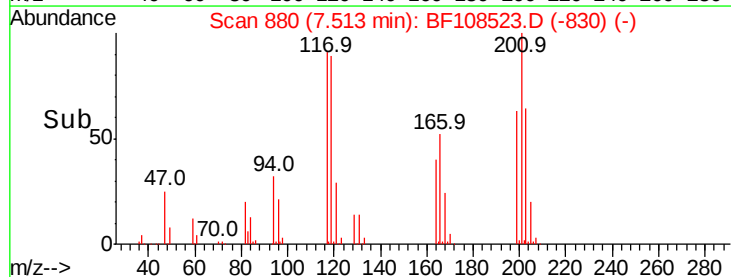


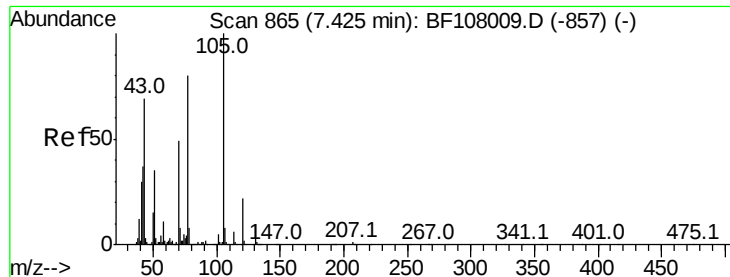
Abundance

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

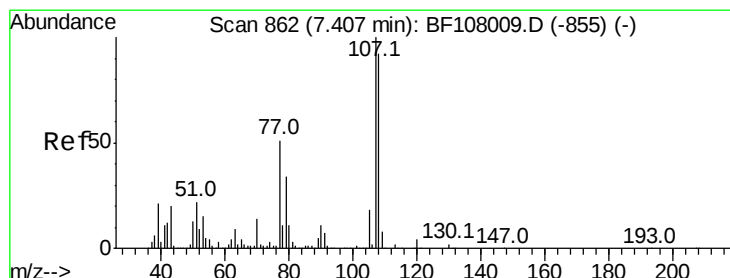
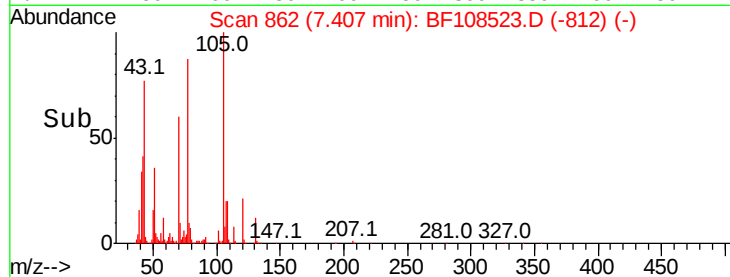
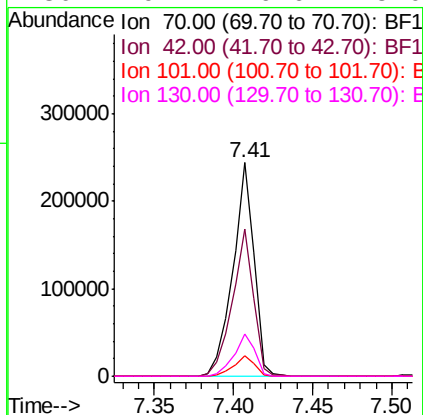
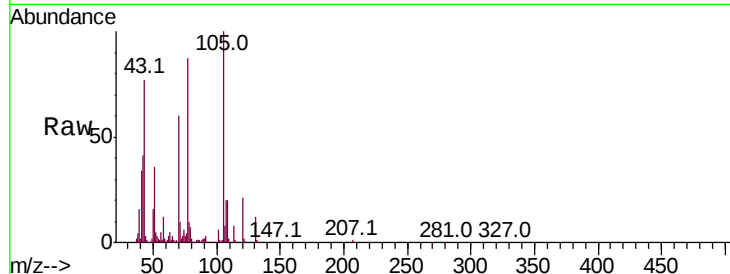




#19
n-Nitroso-di-n-propylamine
Concen: 39.369 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108523.D
Acq: 27 Aug 2018 20:58

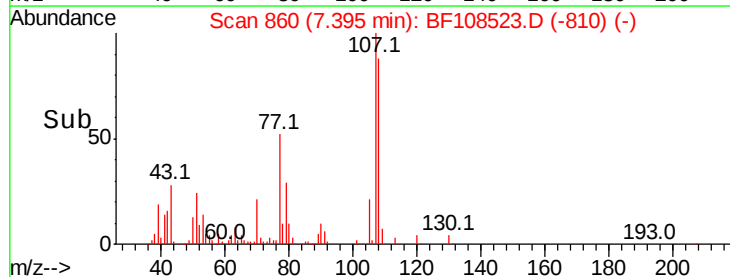
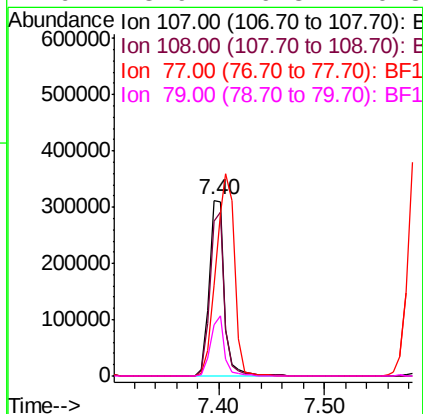
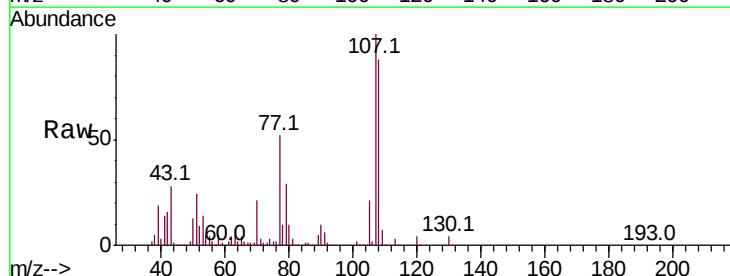
Instrument :
BNA_F
ClientSampleId :

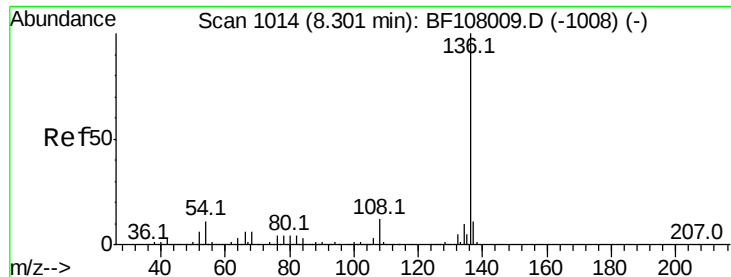
Tot Ion:	70	Resp:	225538
Ion	Ratio	Lower	Upper
70	100		
42	68.9	47.5	71.3
101	9.6	7.4	11.2
130	19.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.405 ng
RT: 7.40 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF108523.D
Acq: 27 Aug 2018 20:58

Tgt Ion:	107	Resp:	310929
Ion	Ratio	Lower	Upper
107	100		
108	88.2	68.2	108.2
77	52.2	26.7	66.7
79	28.9	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 442586

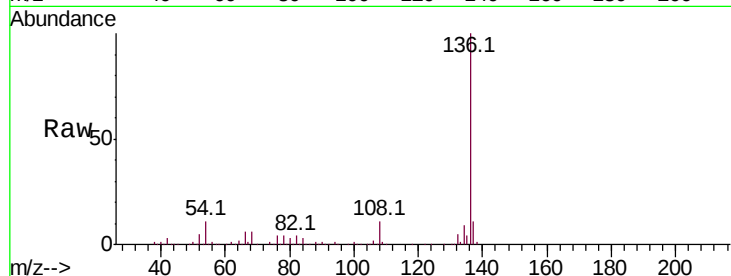
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 10.6 6.6 9.8#

68 6.2 5.0 7.4

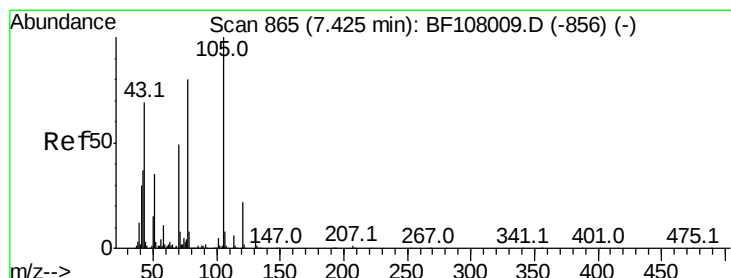
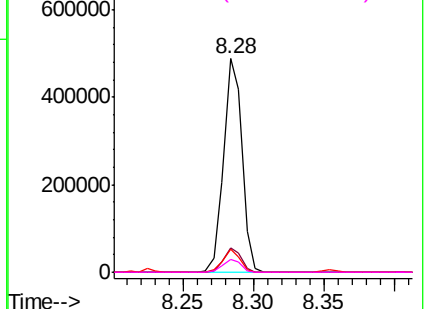
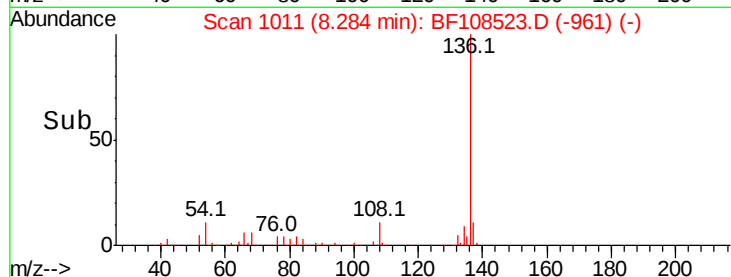


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.171 ng

RT: 7.41 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

Tgt Ion:105 Resp: 426068

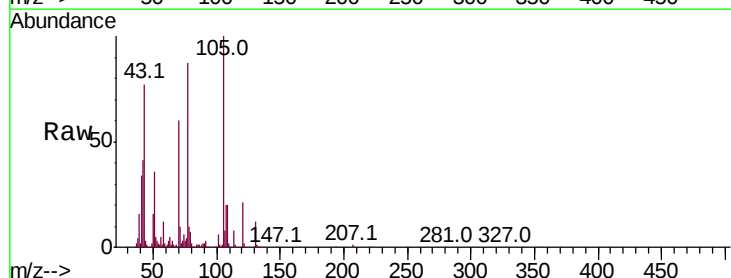
Ion Ratio Lower Upper

105 100

71 9.9 4.4 6.6#

51 36.1 22.3 33.5#

120 20.6 16.9 25.3

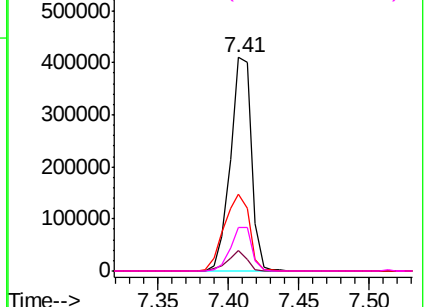
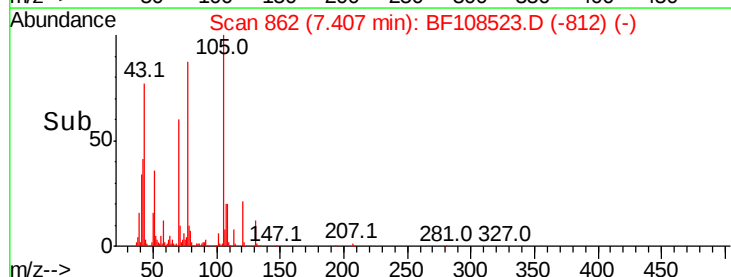


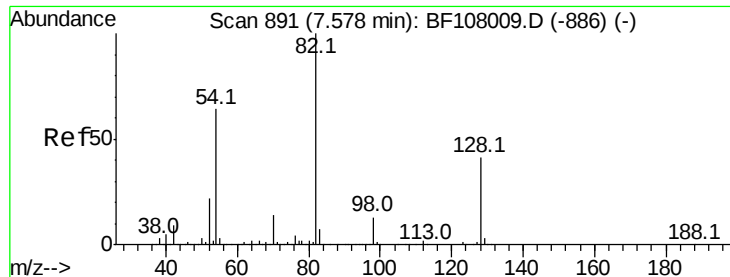
Abundance Ion 105.00 (104.70 to 105.70): E

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

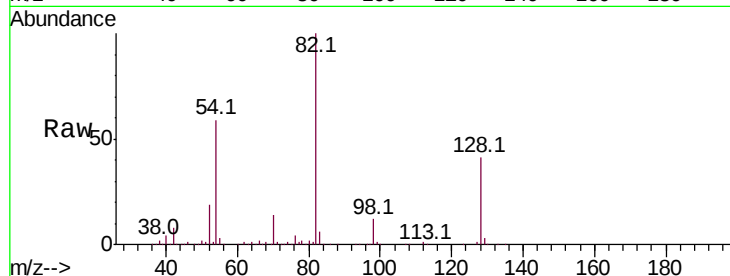




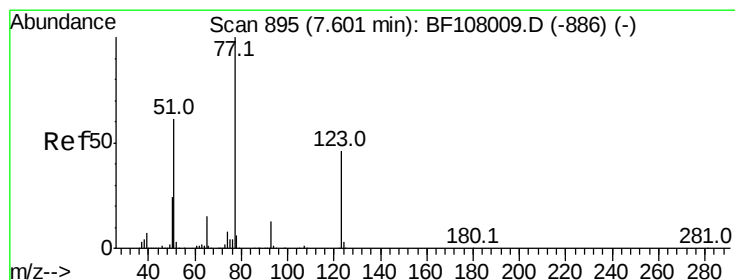
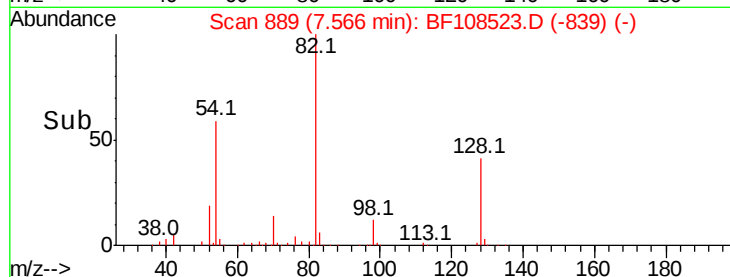
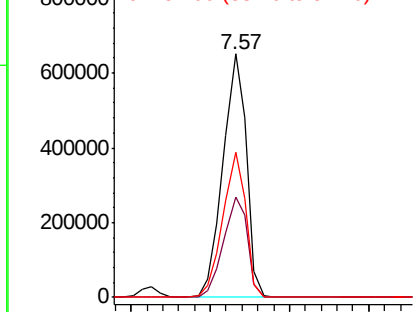
#23
Nitrobenzene-d5
Concen: 84.268 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108523.D
Acq: 27 Aug 2018 20:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 668368
Ion Ratio Lower Upper
82 100
128 41.3 36.1 54.1
54 59.4 41.4 62.2

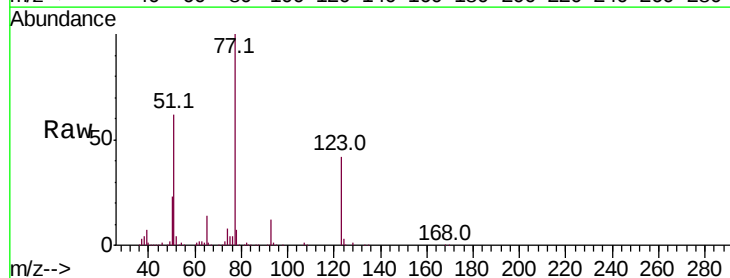


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

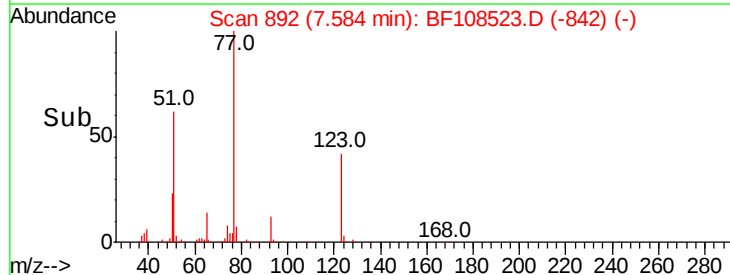
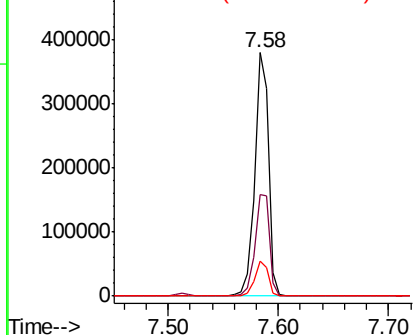


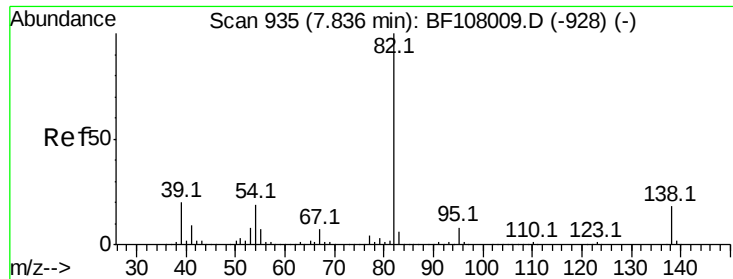
#24
Nitrobenzene
Concen: 41.185 ng
RT: 7.58 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF108523.D
Acq: 27 Aug 2018 20:58

Tgt Ion: 77 Resp: 330323
Ion Ratio Lower Upper
77 100
123 41.9 37.9 56.9
65 14.3 11.0 16.4



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

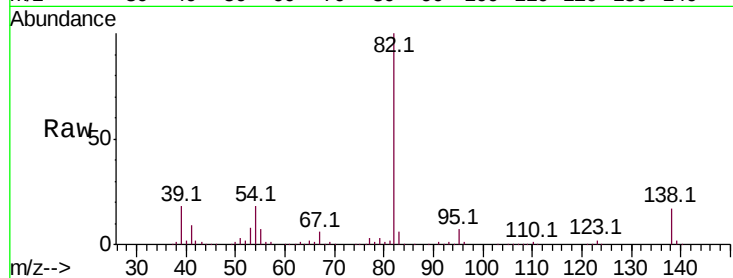




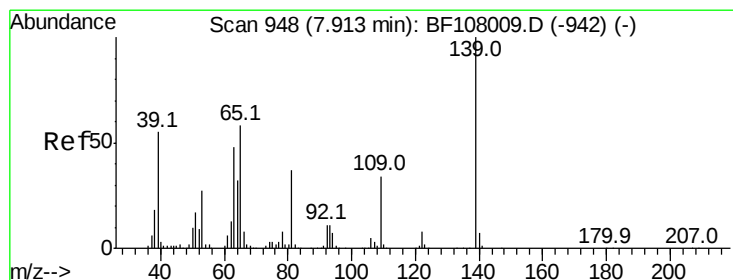
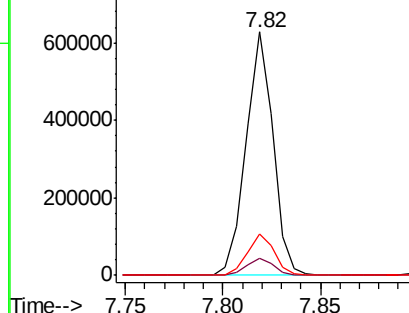
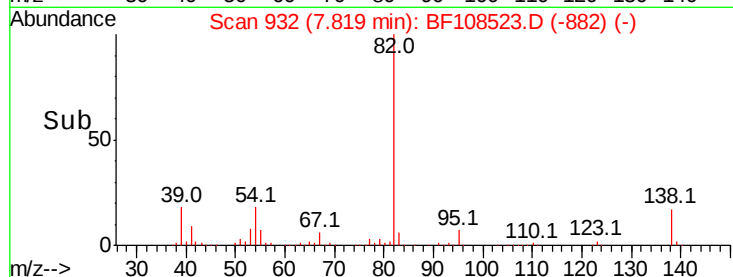
#25
Isophorone
Concen: 39.987 ng
RT: 7.82 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF108523.D
Acq: 27 Aug 2018 20:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 604502
Ion Ratio Lower Upper
82 100
95 7.1 5.2 7.8
138 17.1 14.9 22.3

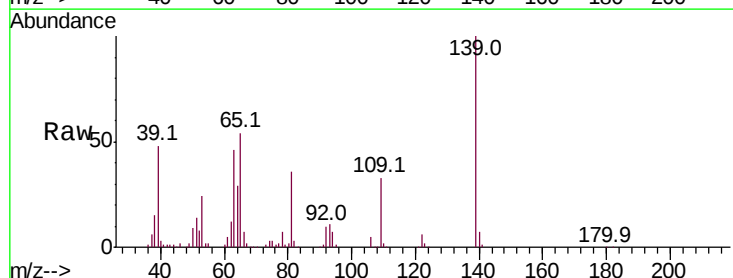


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

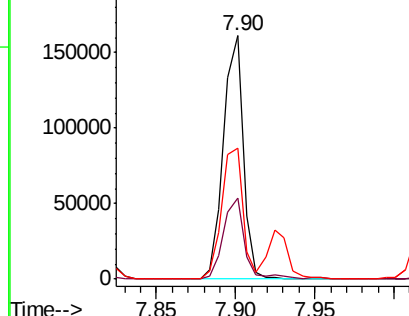
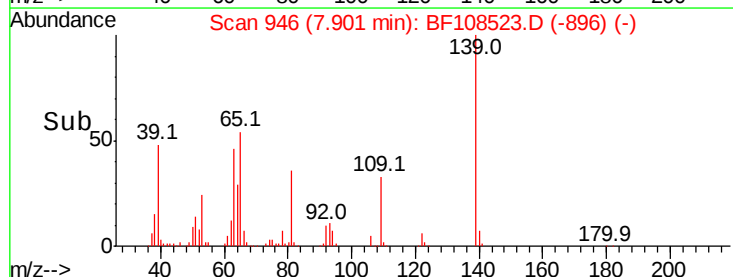


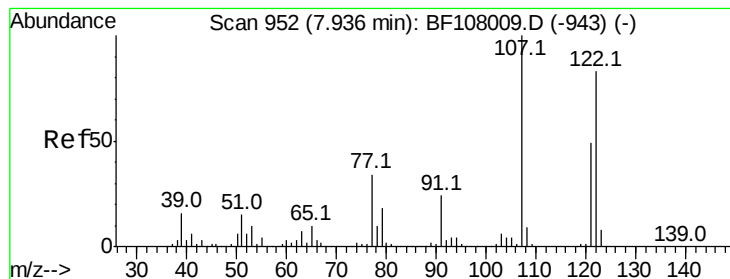
#26
2-Nitrophenol
Concen: 46.411 ng
RT: 7.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF108523.D
Acq: 27 Aug 2018 20:58

Tgt Ion: 139 Resp: 140573
Ion Ratio Lower Upper
139 100
109 33.3 22.7 34.1
65 53.9 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 40.480 ng

RT: 7.92 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

Instrument :

BNA_F

ClientSampleId :

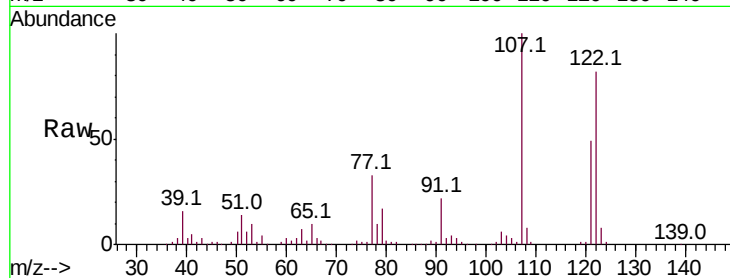
Tot Ion:122 Resp: 271606

Ion Ratio Lower Upper

122 100

107 121.9 91.2 136.8

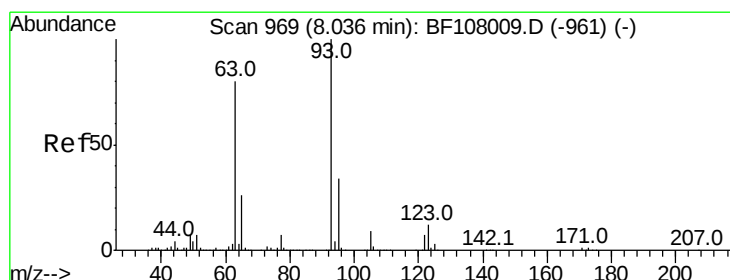
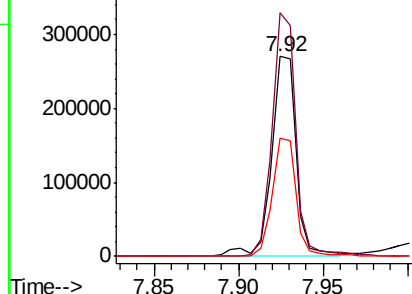
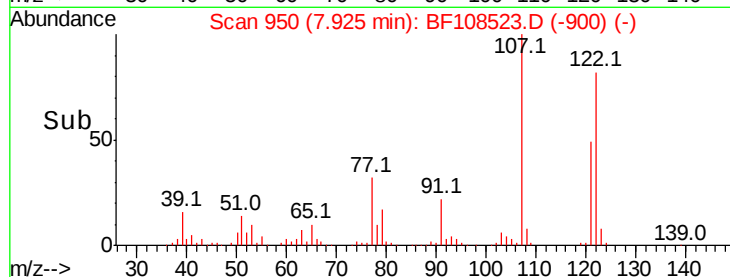
121 59.2 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.108 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

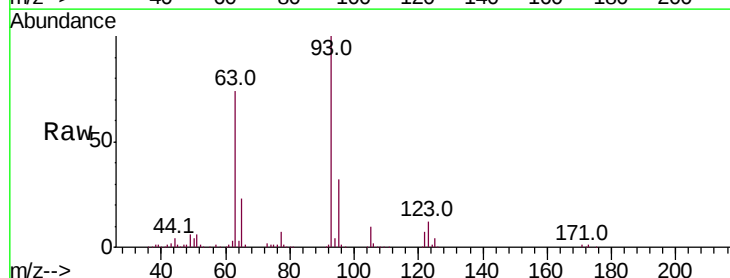
Tgt Ion: 93 Resp: 362789

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

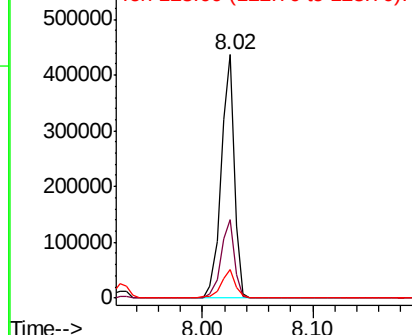
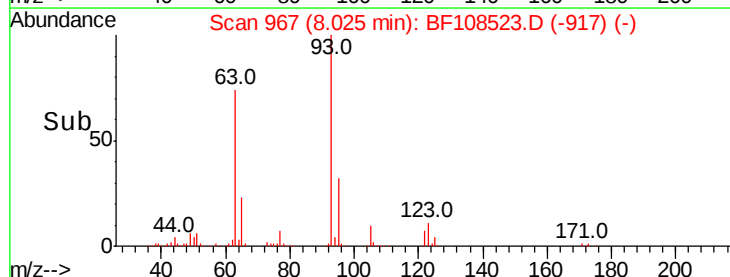
123 11.6 9.8 14.6

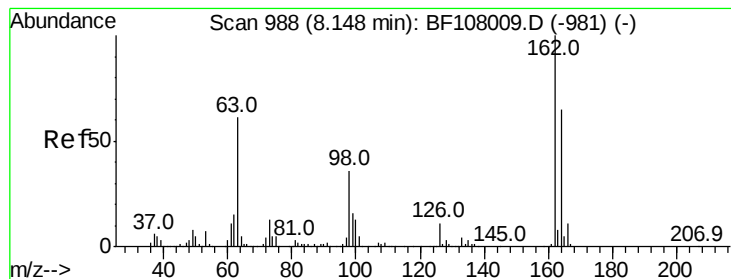


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.143 ng

RT: 8.14 min Scan# 987

Delta R.T. -0.00 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

Instrument :

BNA_F

ClientSampleId :

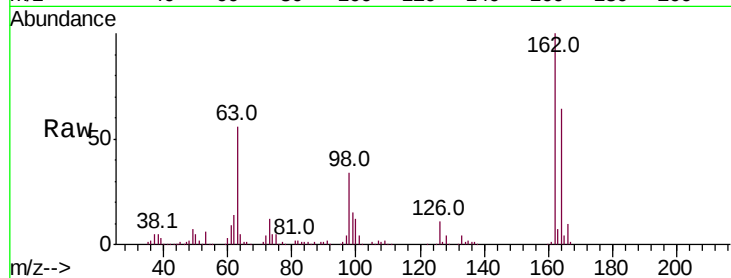
Tot Ion:162 Resp: 260218

Ion Ratio Lower Upper

162 100

164 64.1 42.7 82.7

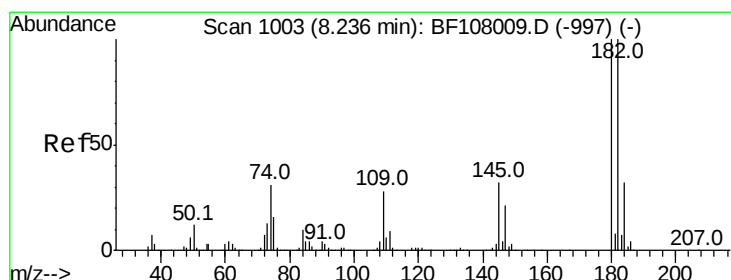
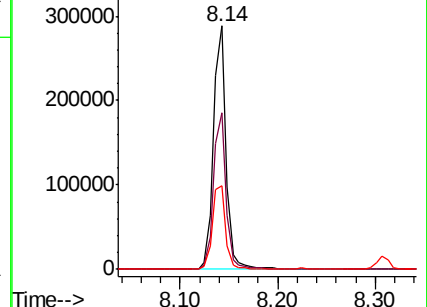
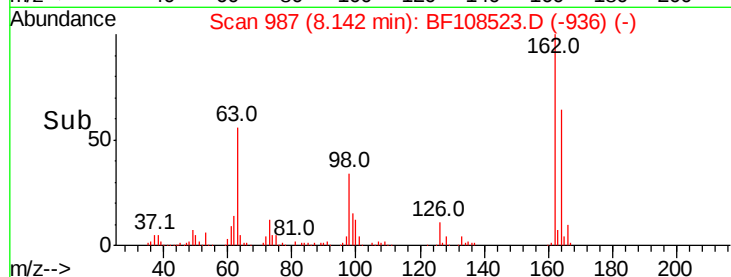
98 34.5 18.1 58.1



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: 41.616 ng

RT: 8.22 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

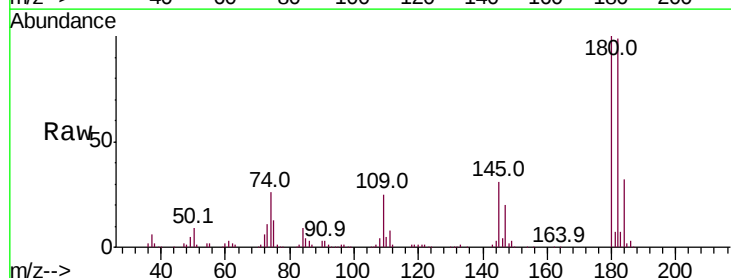
Tgt Ion:180 Resp: 283314

Ion Ratio Lower Upper

180 100

182 99.0 76.8 115.2

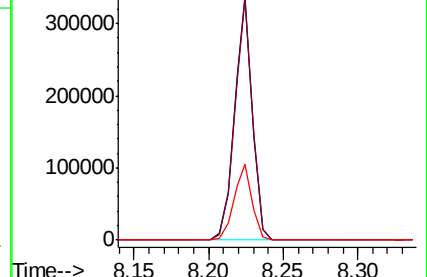
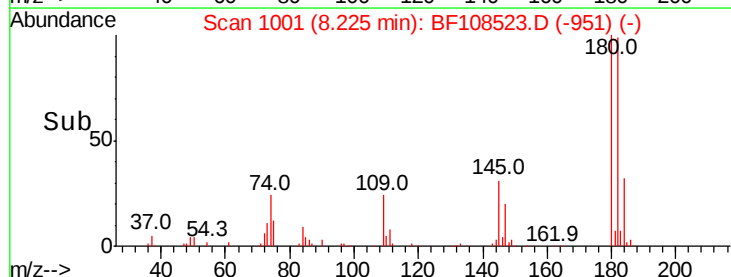
145 31.4 26.5 39.7

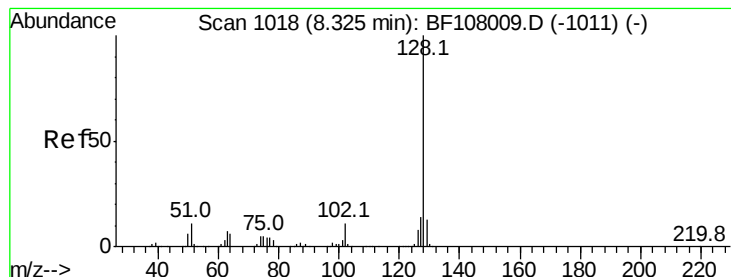


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.968 ng

RT: 8.31 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

Instrument :

BNA_F

ClientSampleId :

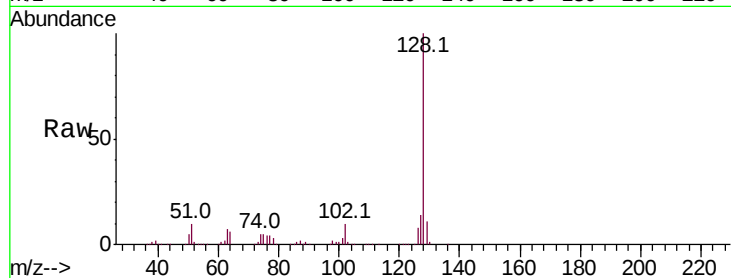
Tot Ion:128 Resp: 844725

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

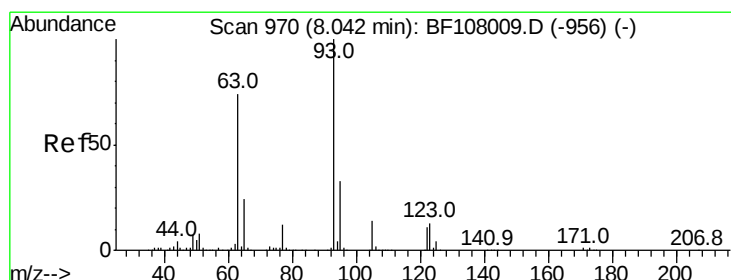
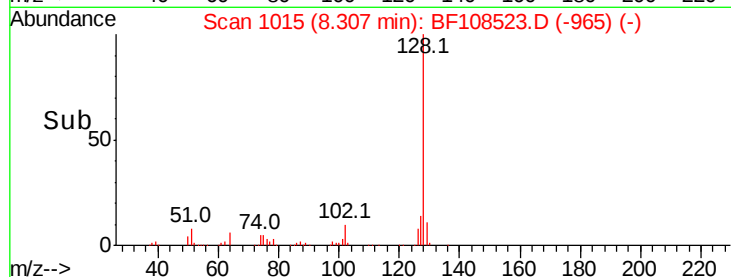
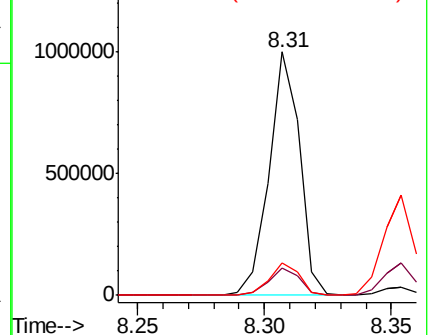
127 13.6 10.9 16.3



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: 24.045 ng

RT: 8.04 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

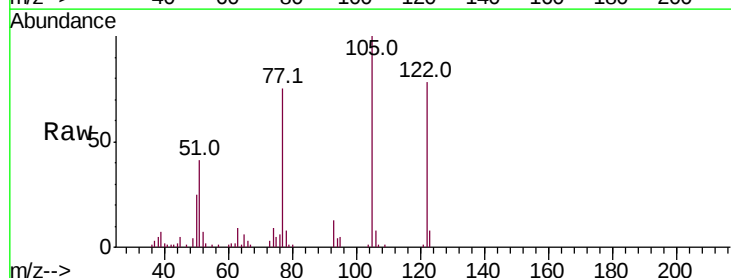
Tgt Ion:122 Resp: 80360

Ion Ratio Lower Upper

122 100

105 127.4 101.1 141.1

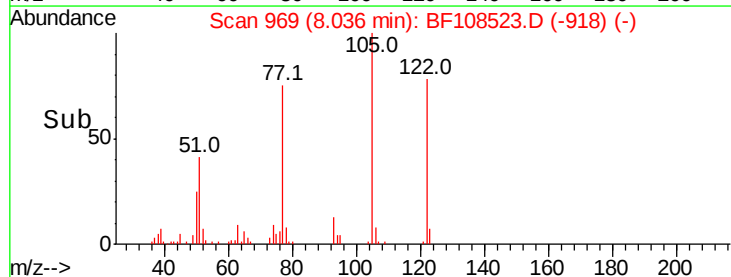
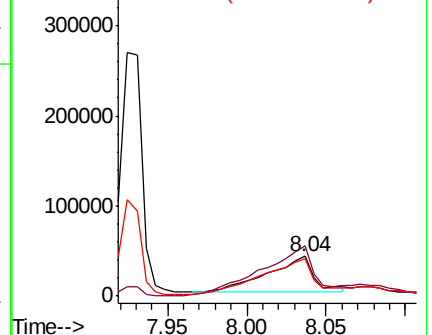
77 95.3 70.7 110.7

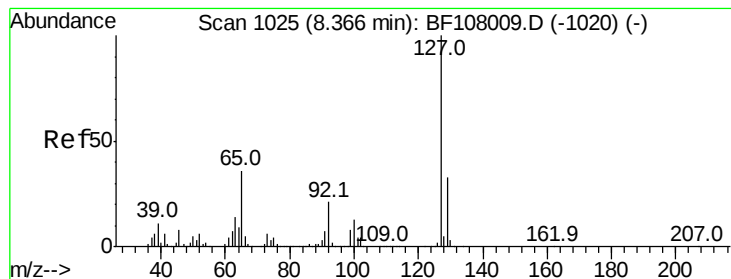


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 40.695 ng

RT: 8.35 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF108523.D

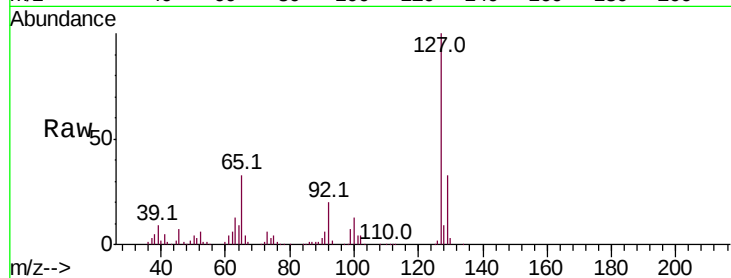
Acq: 27 Aug 2018 20:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	356965
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	33.3	25.0	37.4
92	19.7	15.2	22.8

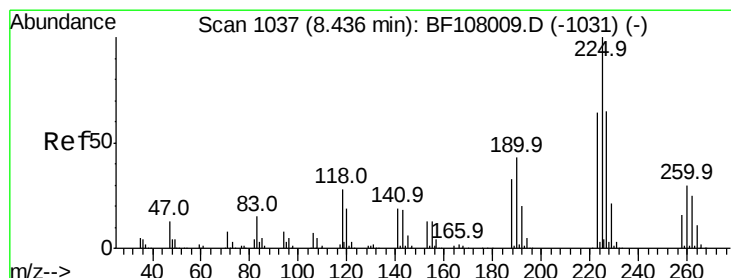
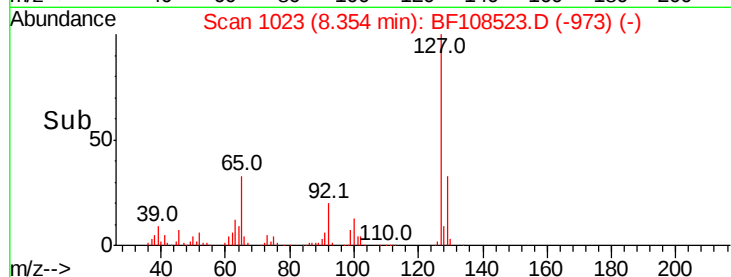
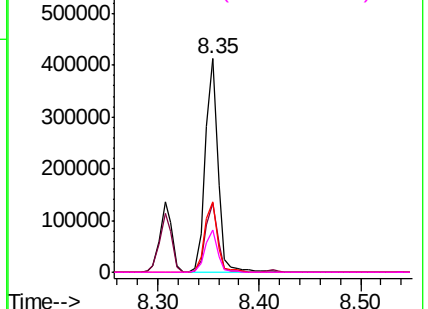


Abundance Ion 127.00 (126.70 to 127.70): E

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: 43.432 ng

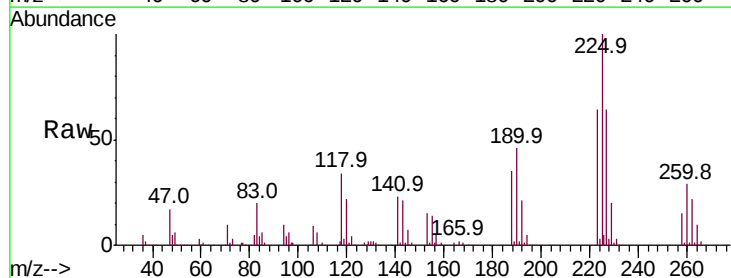
RT: 8.41 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

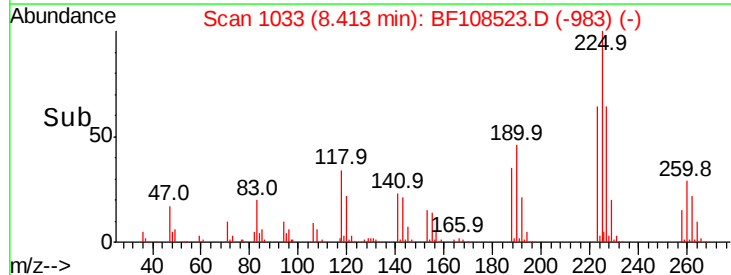
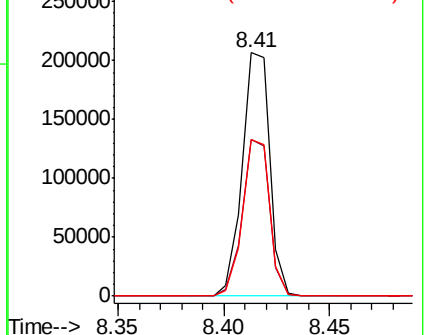
Tgt Ion:	225	Resp:	187179
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.6	76.0
227	64.2	51.9	77.9



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: 39.129 ng

RT: 8.73 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

Instrument :

BNA_F

ClientSampleId :

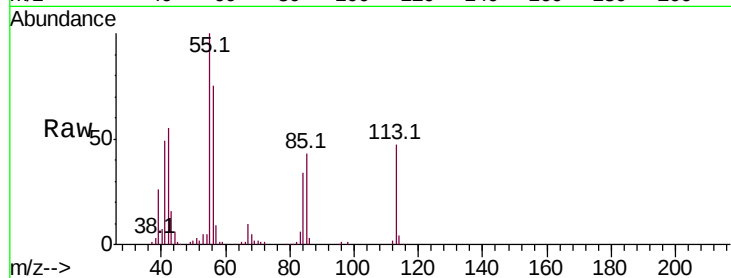
Tot Ion:113 Resp: 75714

Ion Ratio Lower Upper

113 100

55 211.3 163.3 203.3#

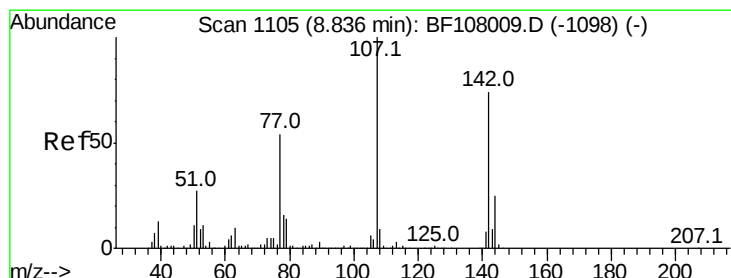
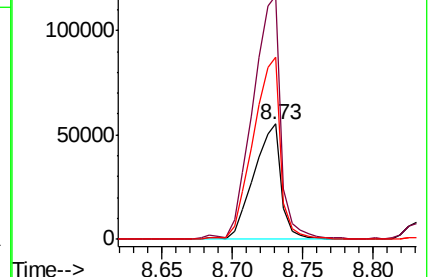
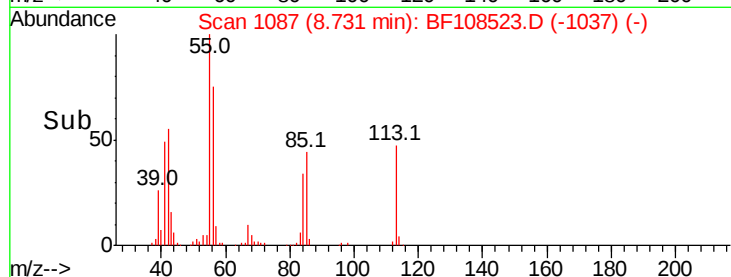
56 158.7 115.7 155.7#



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: 40.037 ng

RT: 8.83 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

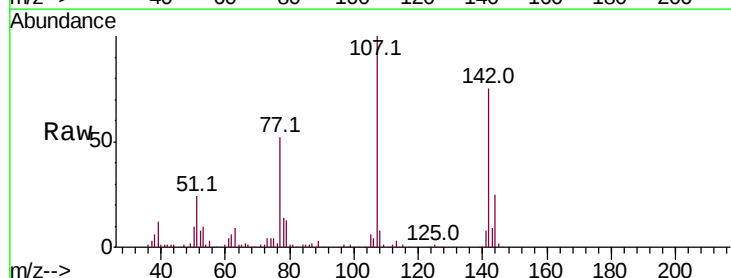
Tgt Ion:107 Resp: 266691

Ion Ratio Lower Upper

107 100

144 25.2 20.5 30.7

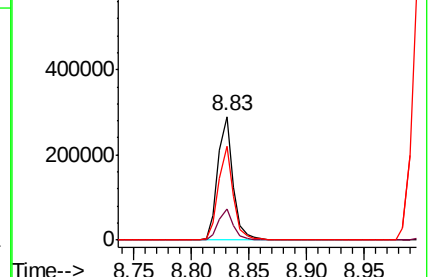
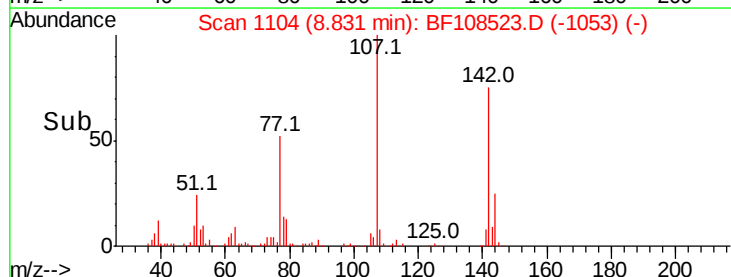
142 75.4 62.0 93.0

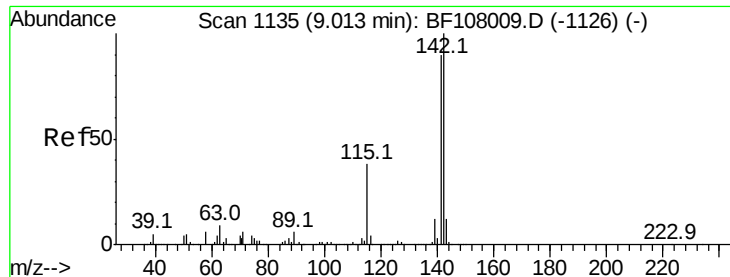


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

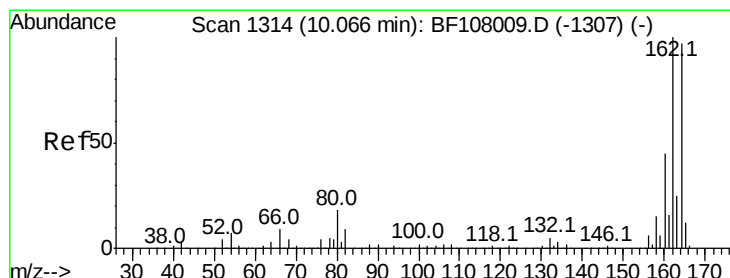
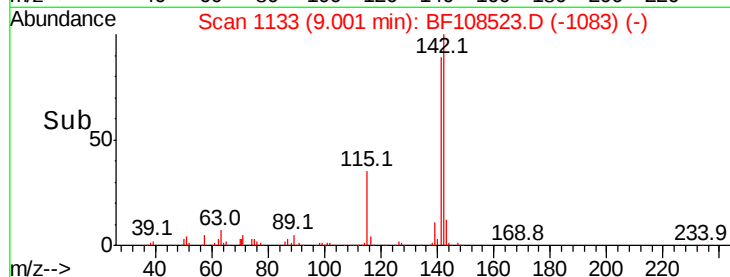
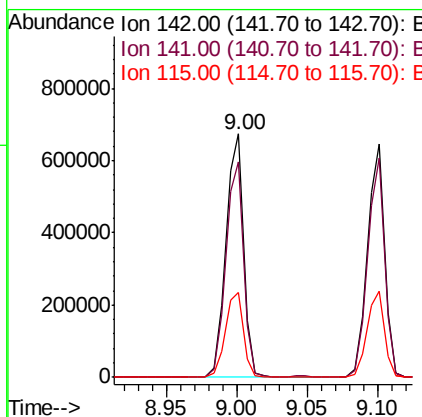
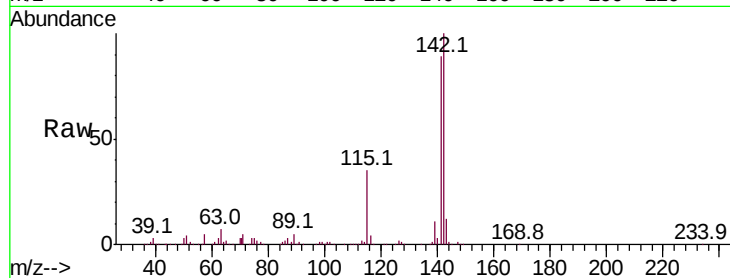




#37
 2-Methylnaphthalene
 Concen: 41.029 ng
 RT: 9.00 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BF108523.D
 Acq: 27 Aug 2018 20:58

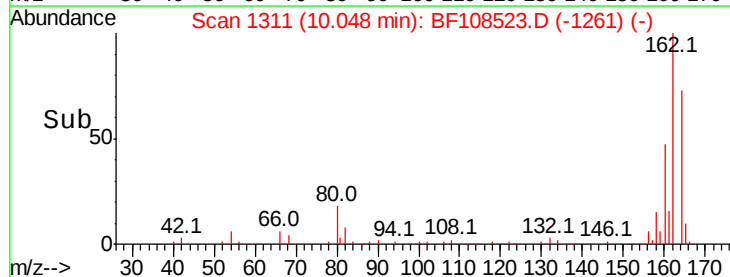
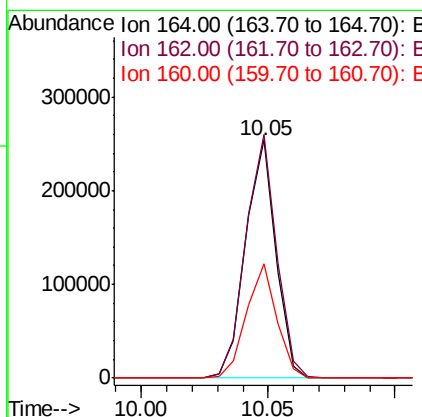
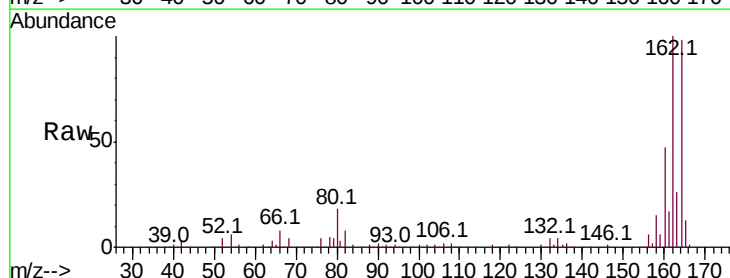
Instrument :
 BNA_F
 ClientSampled :

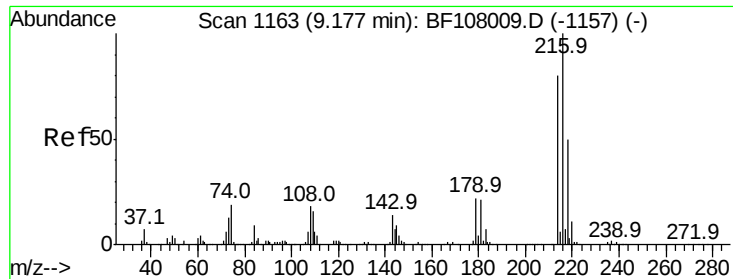
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	34.8	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF108523.D
 Acq: 27 Aug 2018 20:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	47.9	38.3	57.5

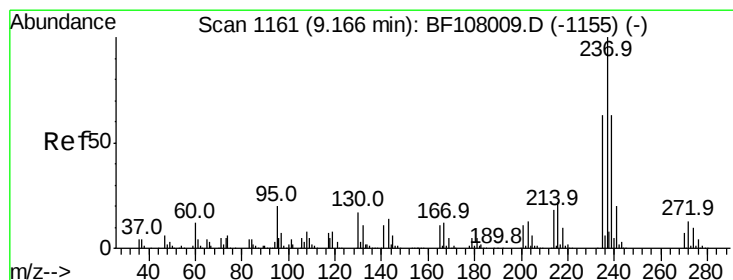
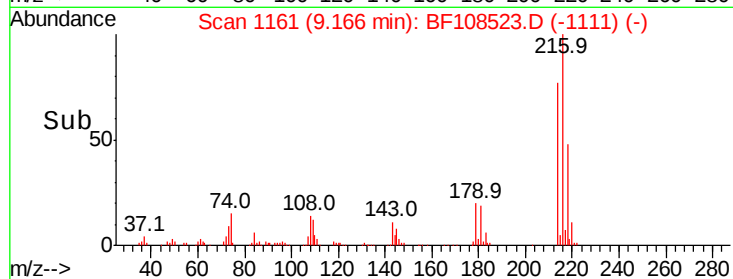
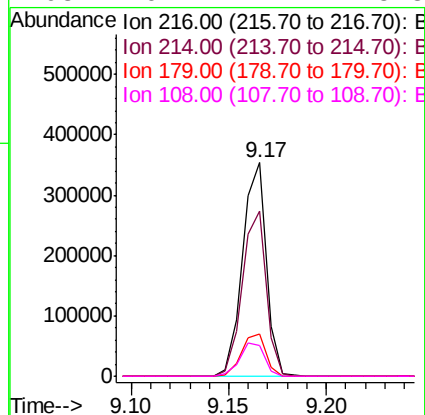
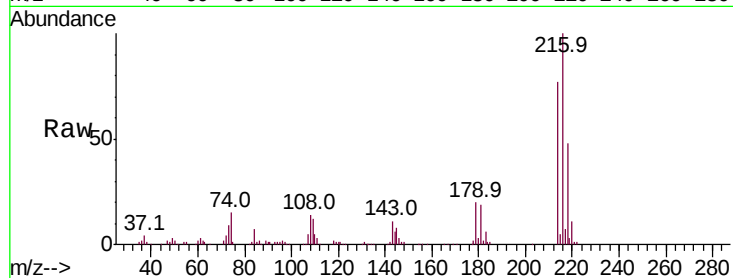




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.092 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108523.D
 Acq: 27 Aug 2018 20:58

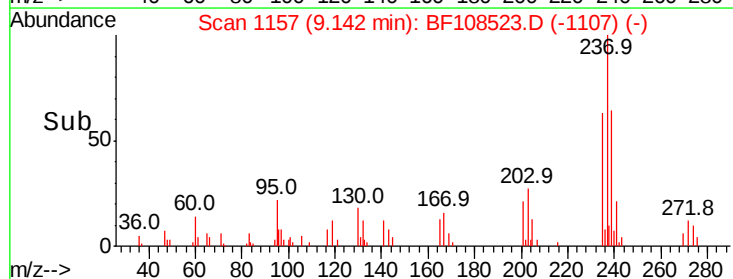
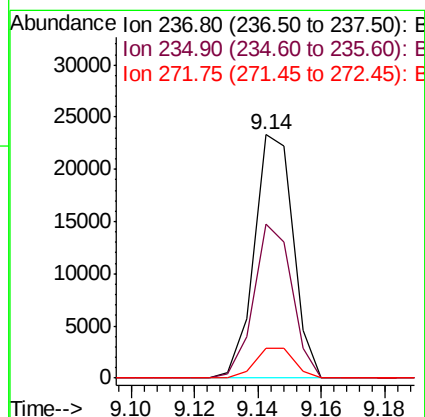
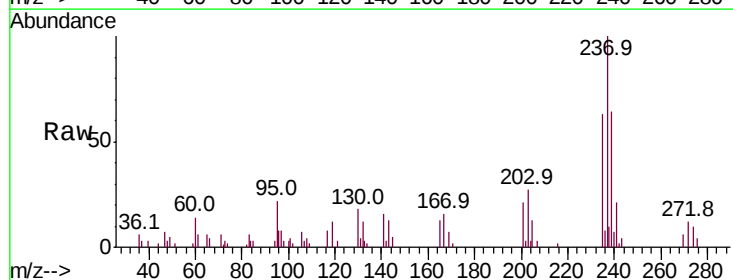
Instrument :
 BNA_F
 ClientSampleId :

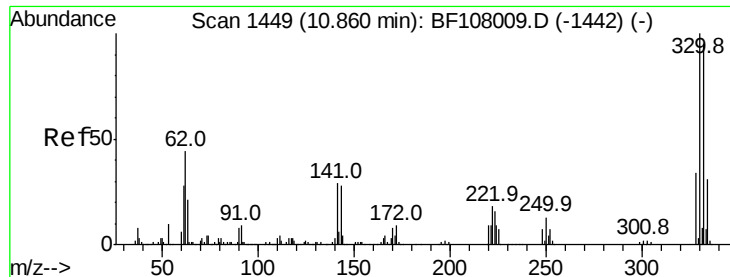
Tot Ion:	216	Resp:	298956
Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.4
179	20.5	18.1	27.1
108	16.4	17.2	25.8#



#40
 Hexachlorocyclopentadiene
 Concen: 4.749 ng
 RT: 9.14 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF108523.D
 Acq: 27 Aug 2018 20:58

Tgt Ion:	237	Resp:	19896
Ion	Ratio	Lower	Upper
237	100		
235	63.4	44.8	84.8
272	12.3	0.0	33.3

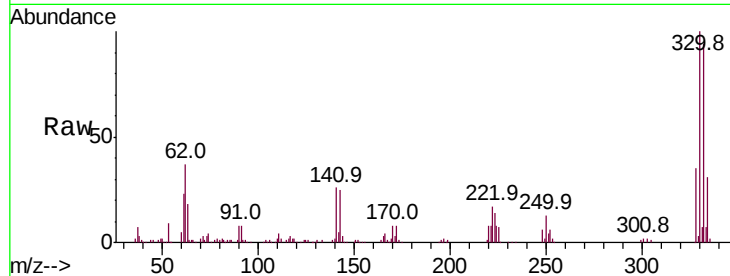




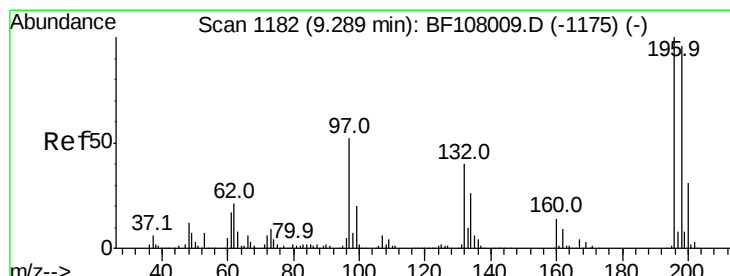
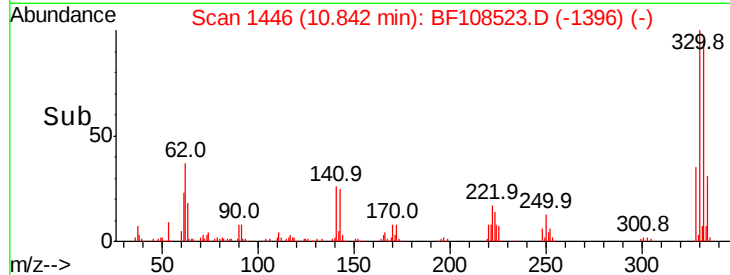
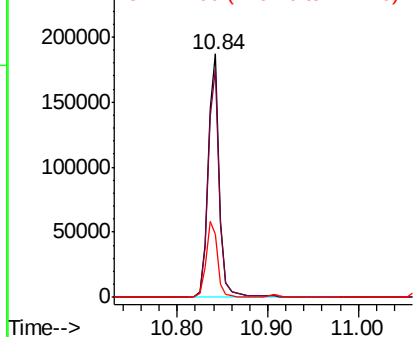
#41
 2,4,6-Tribromophenol
 Concen: 78.478 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108523.D
 Acq: 27 Aug 2018 20:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 165338
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 32.0 29.9 44.9

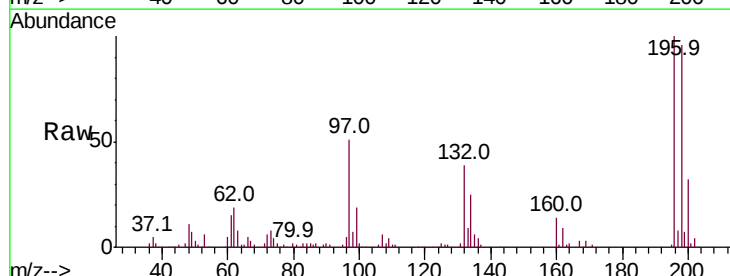


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

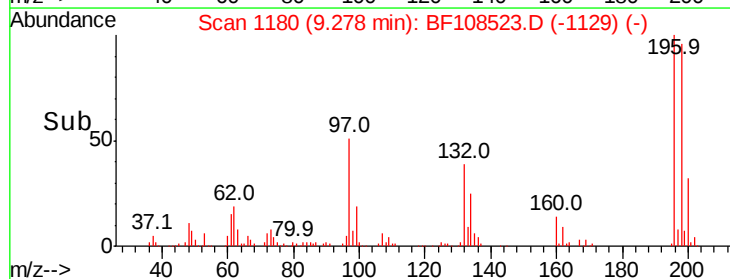
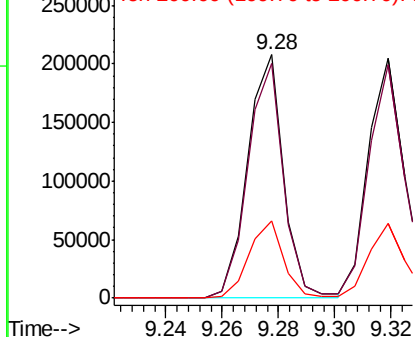


#42
 2,4,6-Trichlorophenol
 Concen: 45.460 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108523.D
 Acq: 27 Aug 2018 20:58

Tgt Ion:196 Resp: 182974
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.7 113.5
 200 31.7 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

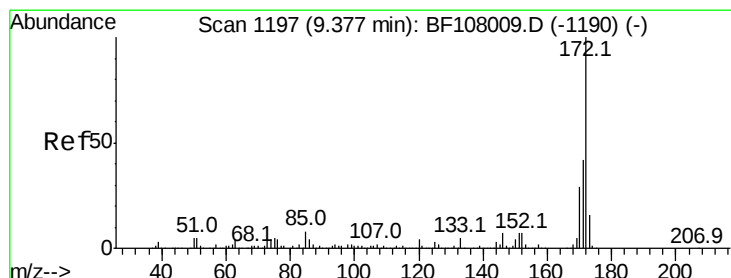
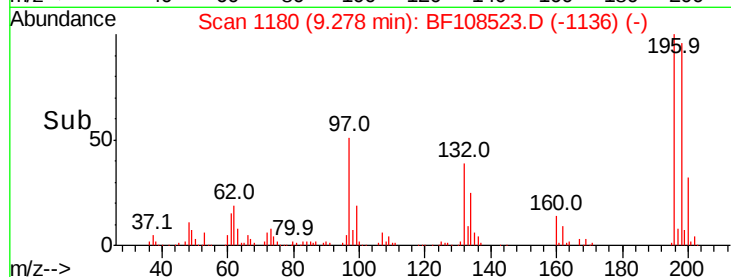
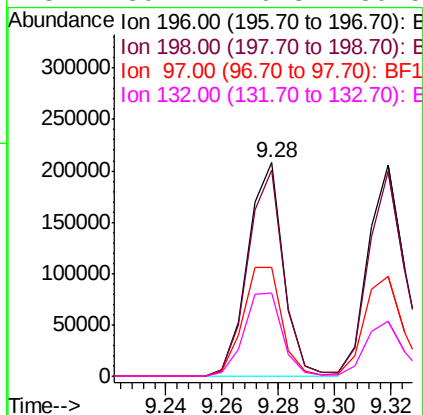
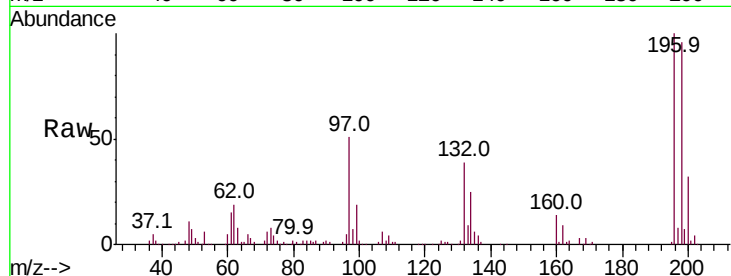




#43
 2,4,5-Trichlorophenol
 Concen: 41.296 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF108523.D
 Acq: 27 Aug 2018 20:58

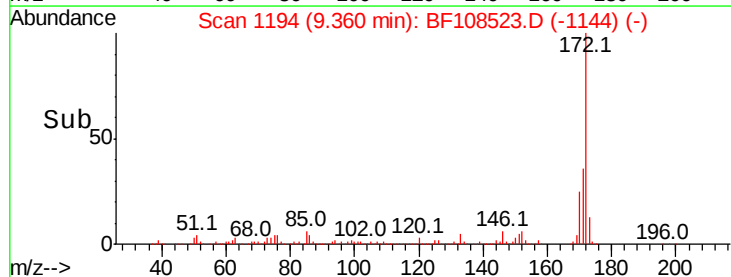
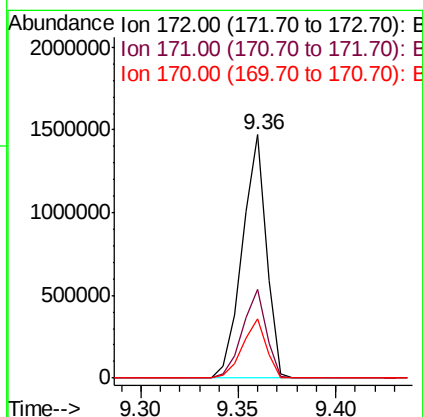
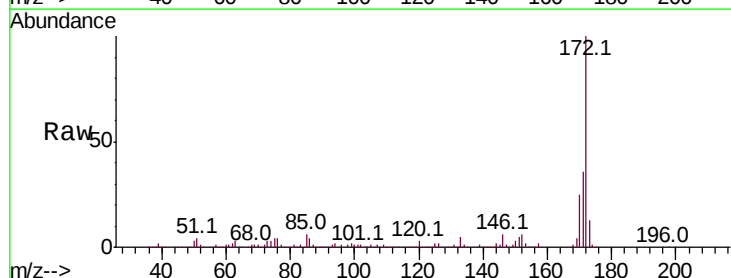
Instrument :
 BNA_F
 ClientSampleId :

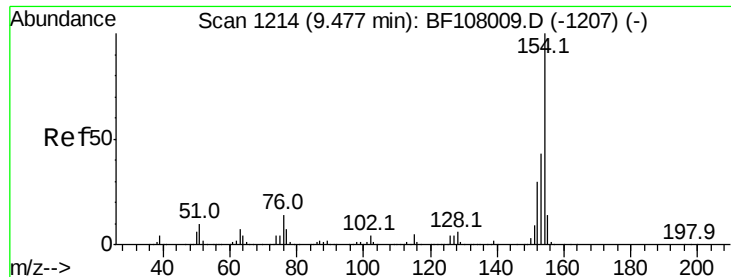
Tot Ion:	196	Resp:	182974
Ion	Ratio	Lower	Upper
196	100		
198	96.2	74.6	112.0
97	50.9	42.9	64.3
132	39.1	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 95.602 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108523.D
 Acq: 27 Aug 2018 20:58

Tgt Ion:	172	Resp:	1257729
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.6	19.6	29.4





#45

1,1'-Biphenyl

Concen: 45.186 ng

RT: 9.46 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

Instrument :

BNA_F

ClientSampled :

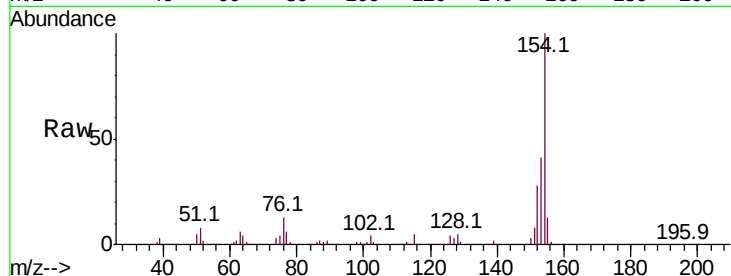
Tot Ion:154 Resp: 703668

Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

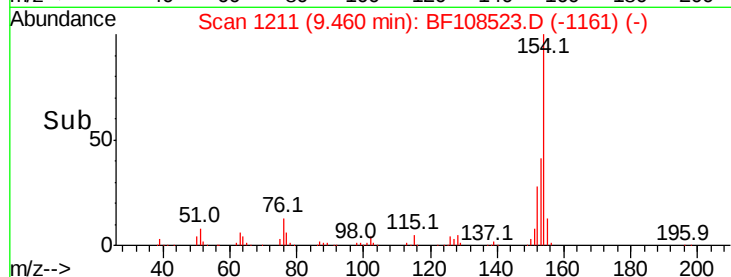
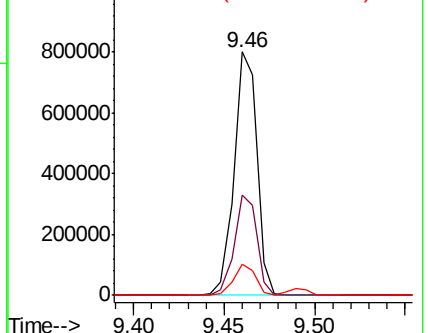
76 12.8 0.0 34.0



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: 44.174 ng

RT: 9.49 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

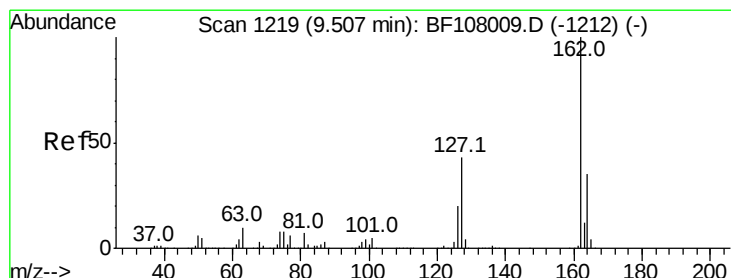
Tgt Ion:162 Resp: 543699

Ion Ratio Lower Upper

162 100

127 40.5 33.9 50.9

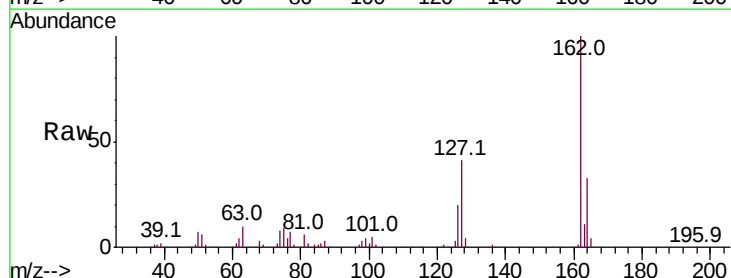
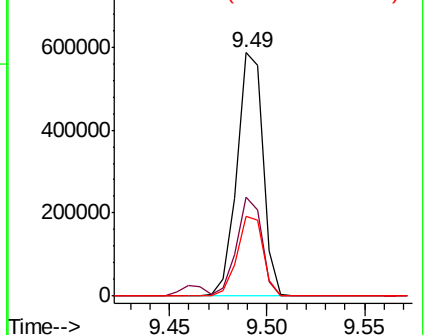
164 32.9 26.5 39.7

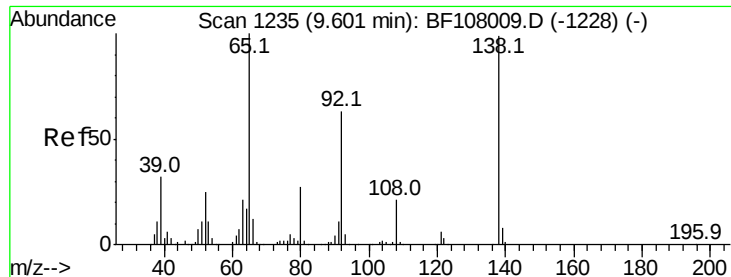


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.224 ng

RT: 9.59 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

Instrument :

BNA_F

ClientSampled :

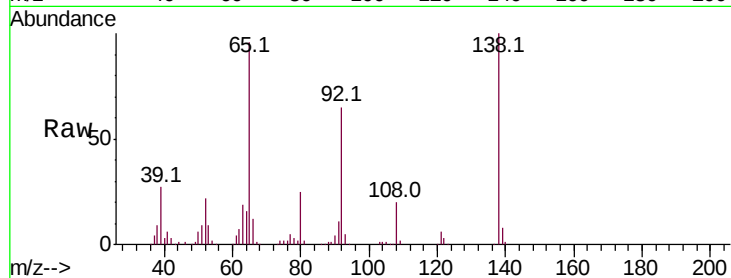
Tot Ion: 65 Resp: 176120

Ion Ratio Lower Upper

65 100

92 67.6 55.8 83.6

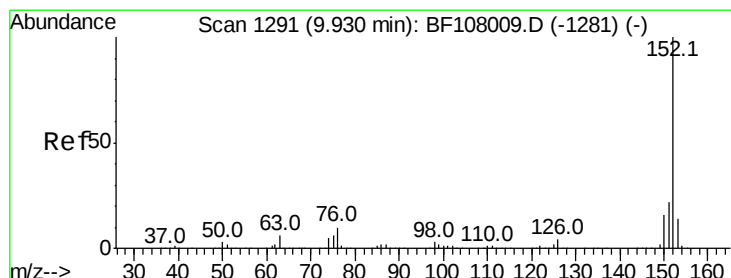
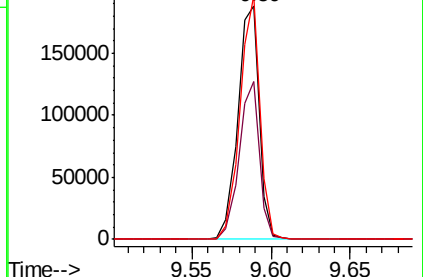
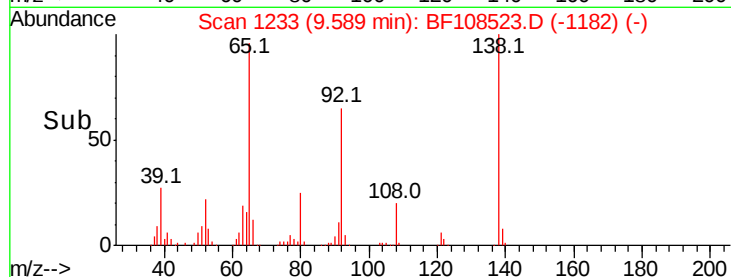
138 104.4 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 43.100 ng

RT: 9.91 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

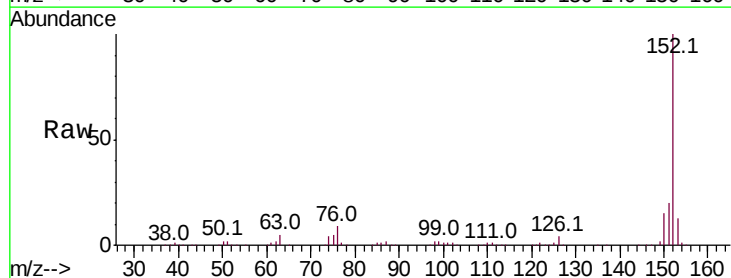
Tgt Ion: 152 Resp: 838649

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

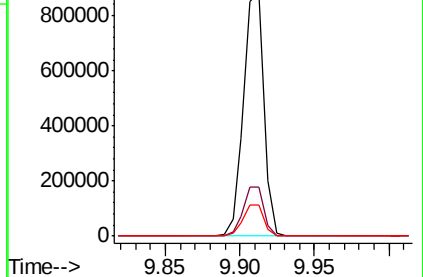
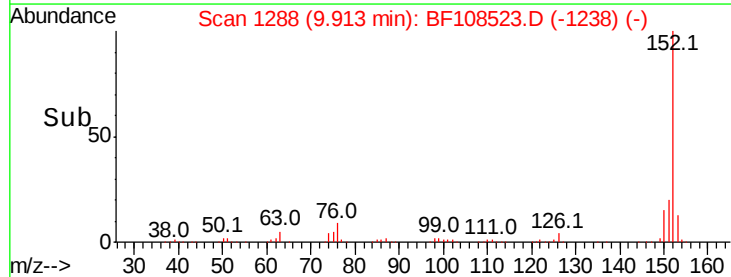
153 13.0 10.7 16.1

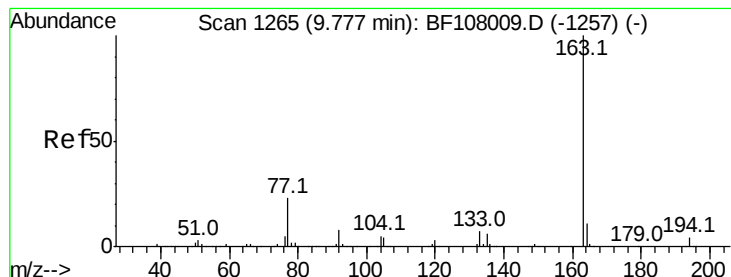


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 44.154 ng

RT: 9.76 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

Instrument :

BNA_F

ClientSampleId :

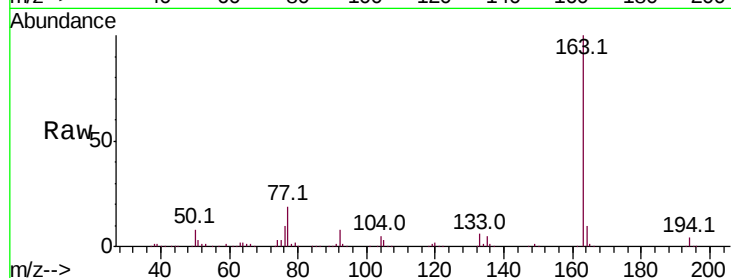
Tot Ion:163 Resp: 649619

Ion Ratio Lower Upper

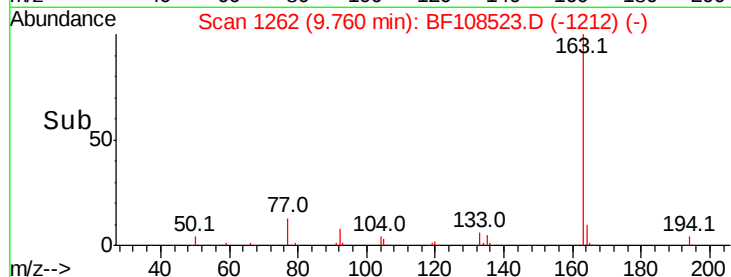
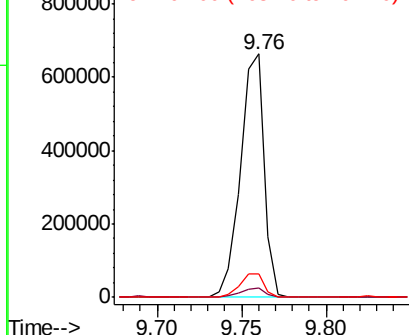
163 100

194 4.1 2.7 4.1#

164 9.7 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: 43.798 ng

RT: 9.82 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

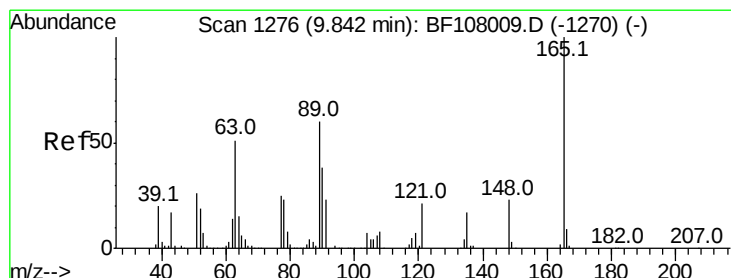
Tgt Ion:165 Resp: 134818

Ion Ratio Lower Upper

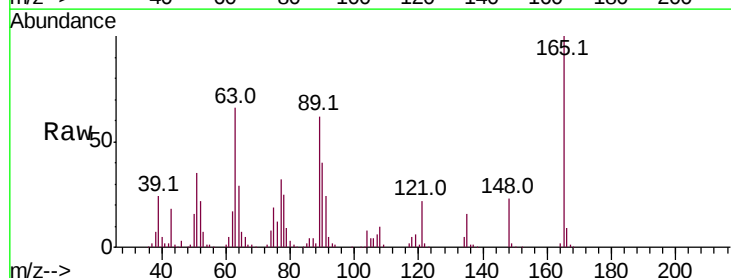
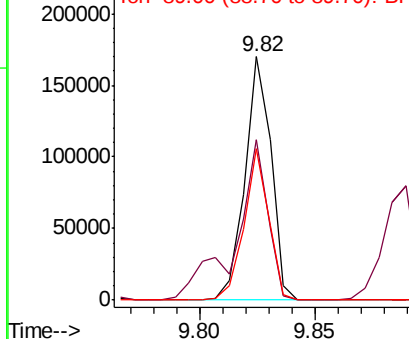
165 100

63 65.9 44.7 67.1

89 62.3 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: 40.908 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

Instrument :

BNA_F

ClientSampleId :

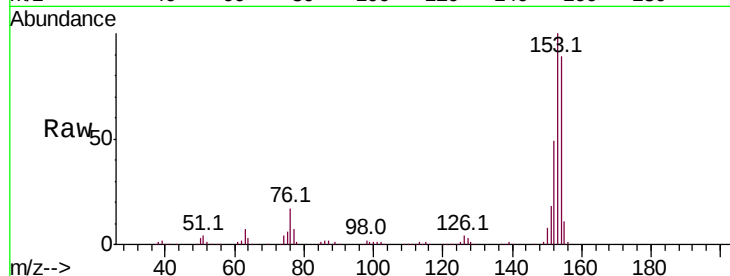
Tot Ion:154 Resp: 487549

Ion Ratio Lower Upper

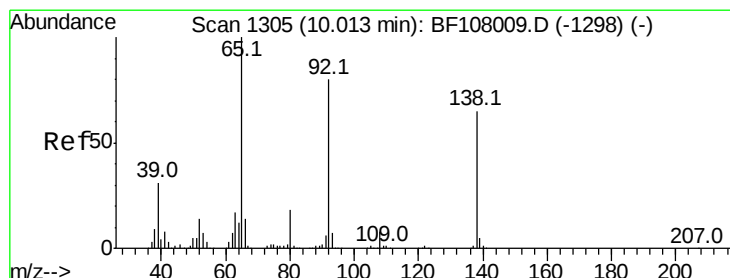
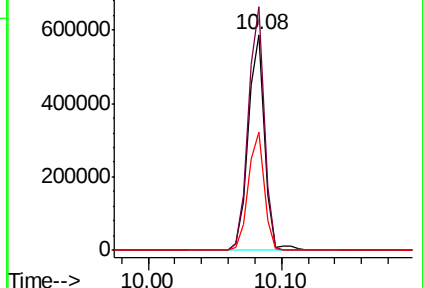
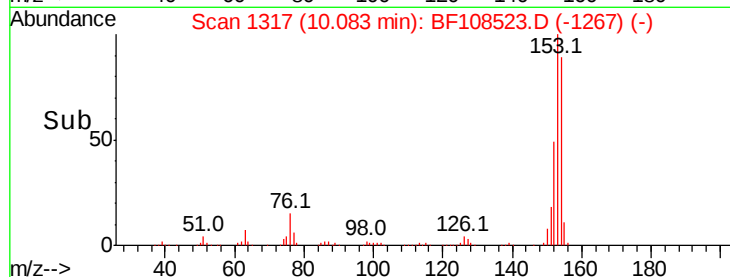
154 100

153 113.0 91.2 136.8

152 54.9 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: 41.272 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

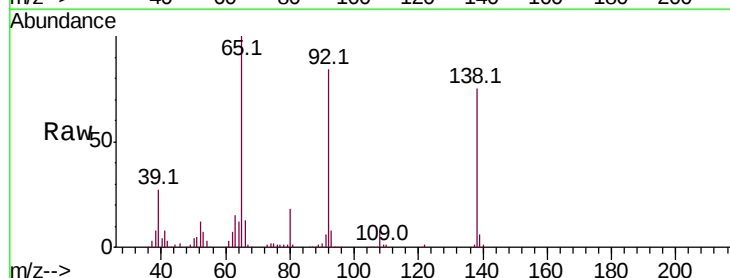
Tgt Ion:138 Resp: 139000

Ion Ratio Lower Upper

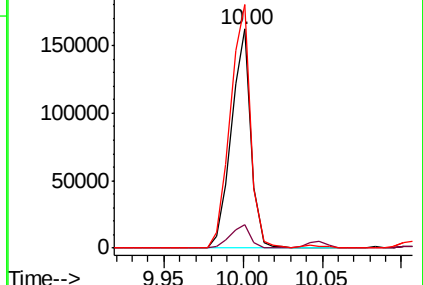
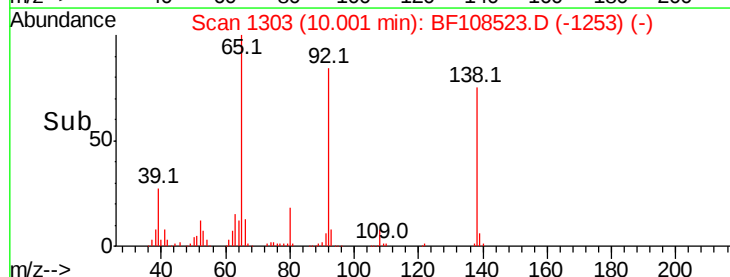
138 100

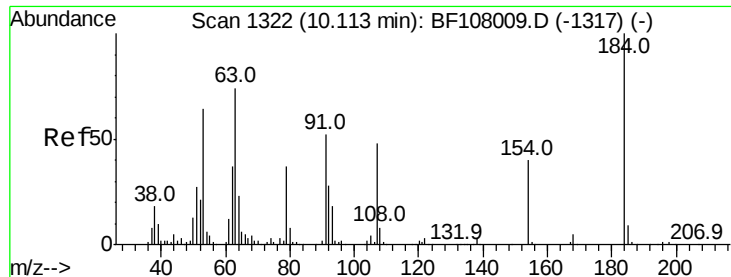
108 10.4 9.4 14.0

92 111.2 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

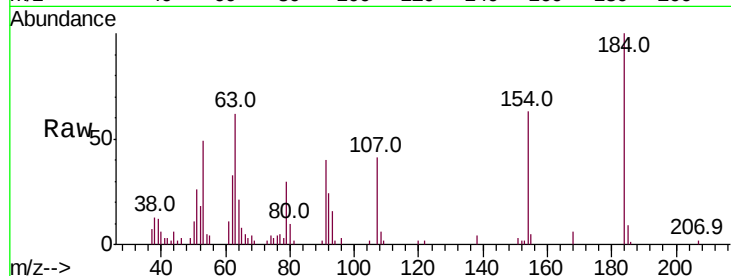




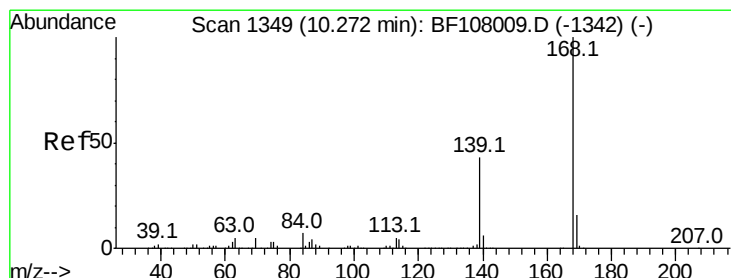
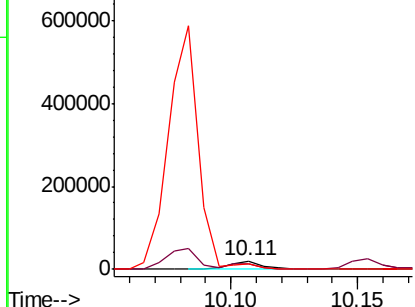
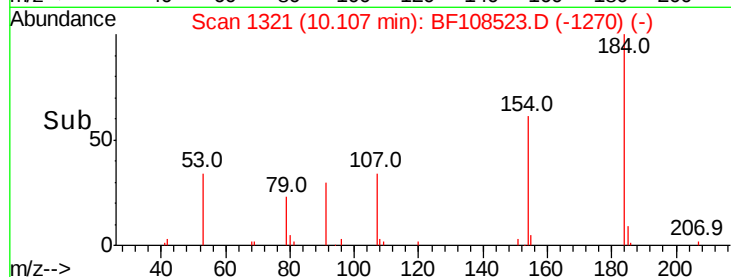
#53
2,4-Dinitrophenol
Concen: 21.735 ng
RT: 10.11 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF108523.D
Acq: 27 Aug 2018 20:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 18582
Ion Ratio Lower Upper
184 100
63 62.2 54.2 81.2
154 62.7 184.0 276.0#

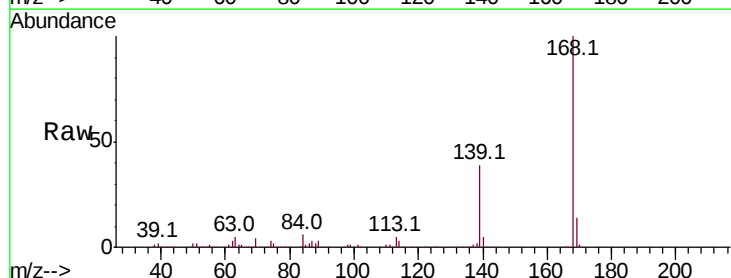


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

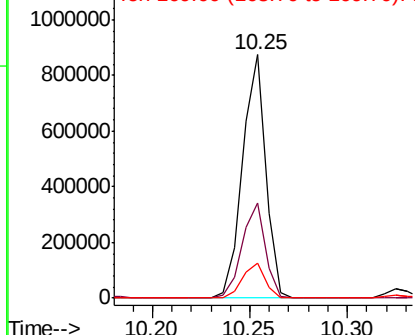
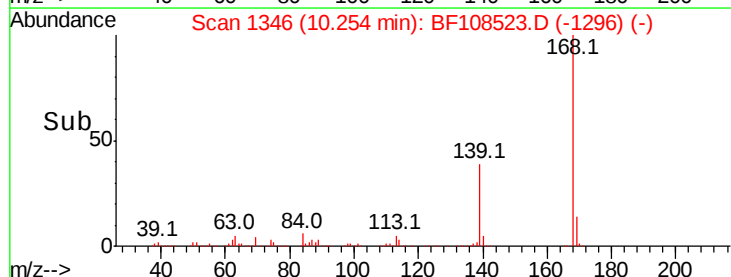


#54
Dibenzofuran
Concen: 41.664 ng
RT: 10.25 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF108523.D
Acq: 27 Aug 2018 20:58

Tgt Ion:168 Resp: 719406
Ion Ratio Lower Upper
168 100
139 39.2 30.1 45.1
169 14.3 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: 31.295 ng

RT: 10.15 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

Instrument :

BNA_F

ClientSampleId :

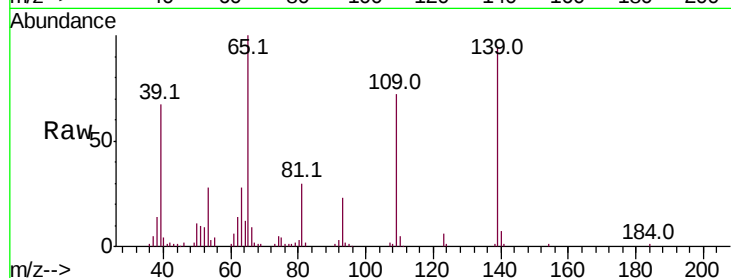
Tot Ion:139 Resp: 79815

Ion Ratio Lower Upper

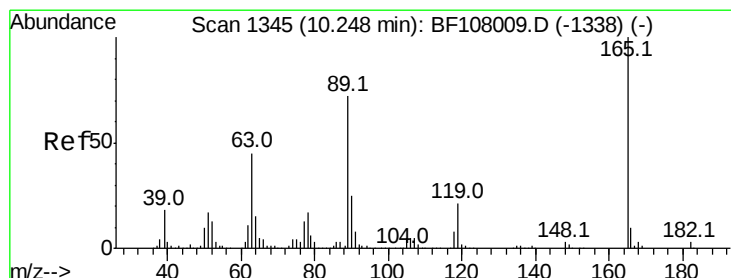
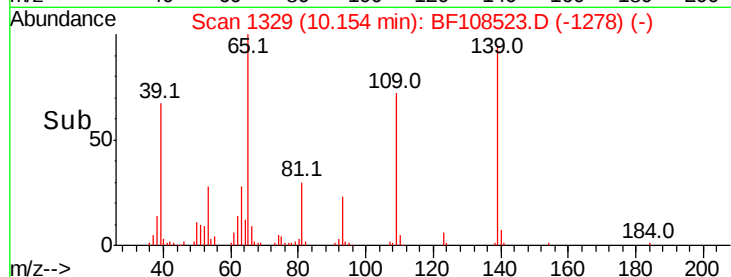
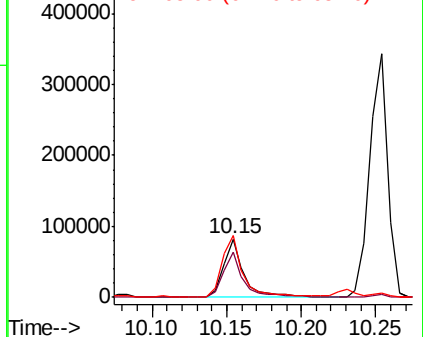
139 100

109 76.7 48.4 88.4

65 106.3 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: 41.590 ng

RT: 10.23 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

Tgt Ion:165 Resp: 164788

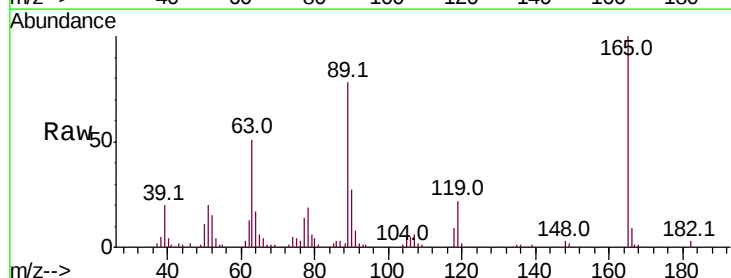
Ion Ratio Lower Upper

165 100

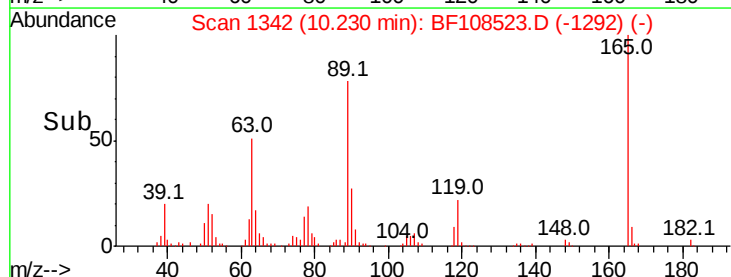
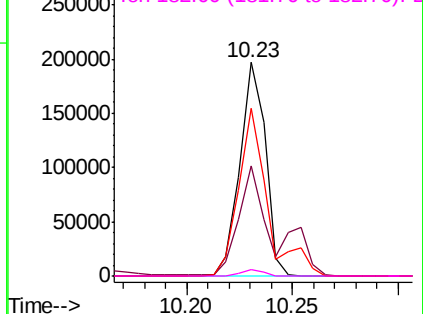
63 51.4 36.4 54.6

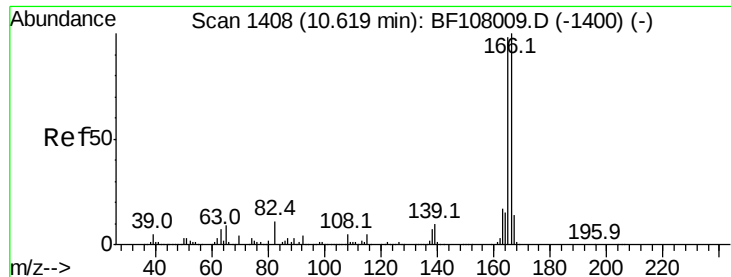
89 78.4 57.8 86.6

182 2.8 1.6 2.4#



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





#57

Fluorene

Concen: 40.628 ng

RT: 10.60 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

Instrument :

BNA_F

ClientSampleId :

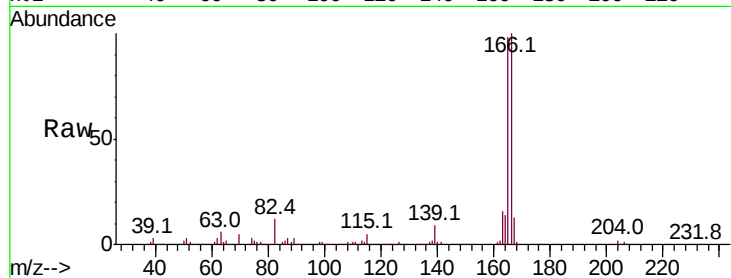
Tot Ion:166 Resp: 555322

Ion Ratio Lower Upper

166 100

165 97.9 79.8 119.8

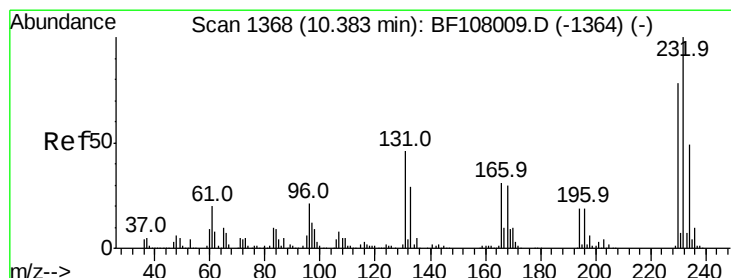
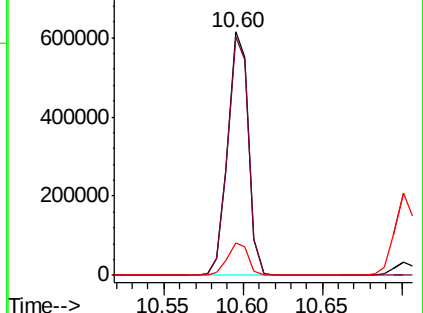
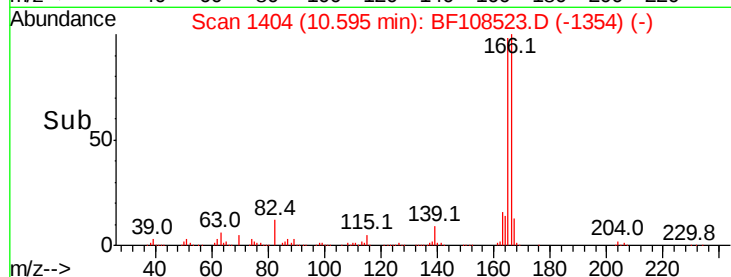
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.837 ng

RT: 10.37 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

Tgt Ion:232 Resp: 143827

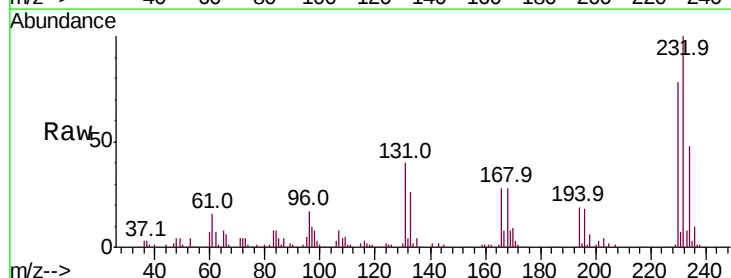
Ion Ratio Lower Upper

232 100

131 43.5 43.8 65.8#

130 2.1 2.1 3.1

166 28.7 27.8 41.6

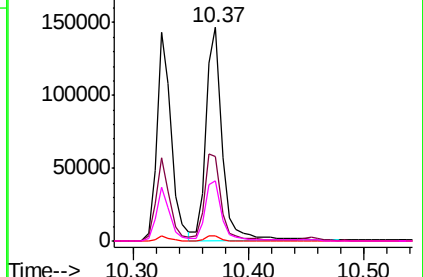
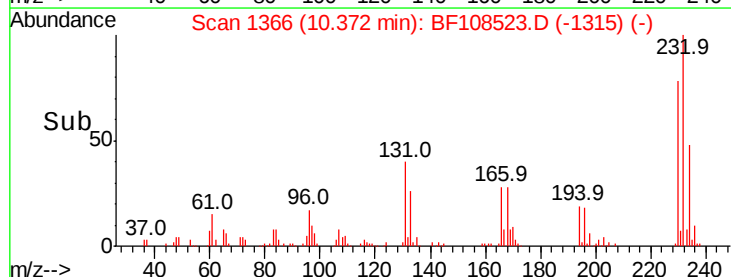


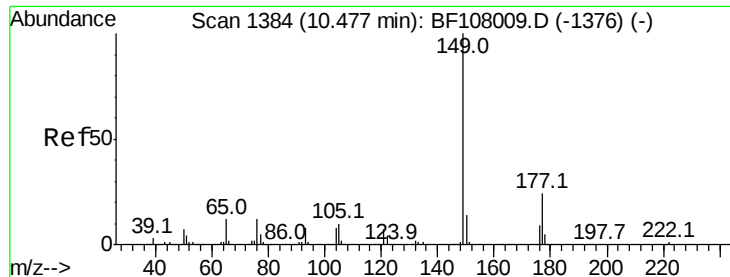
Abundance Ion 232.00 (231.70 to 232.70): E

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

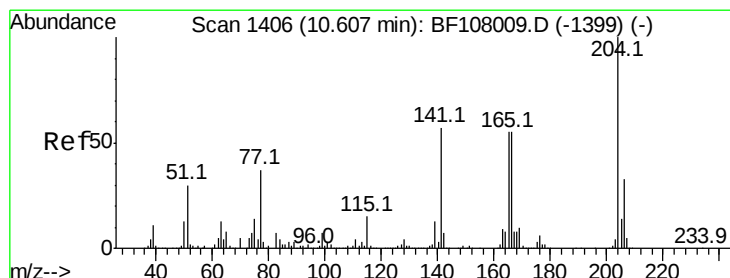
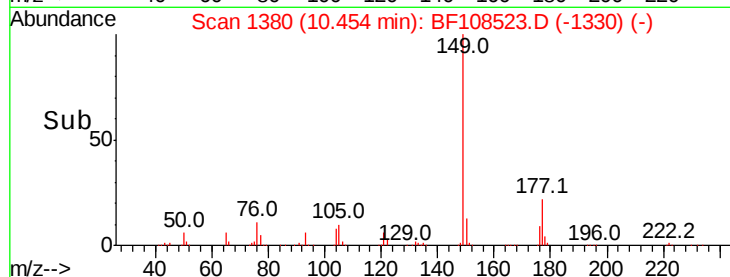
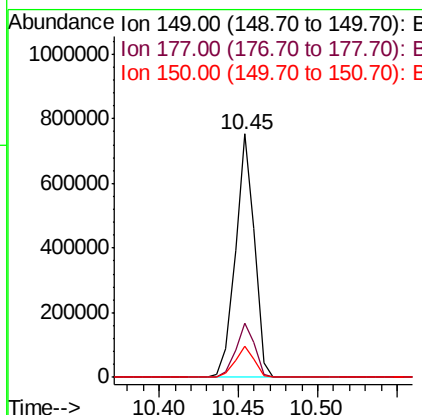
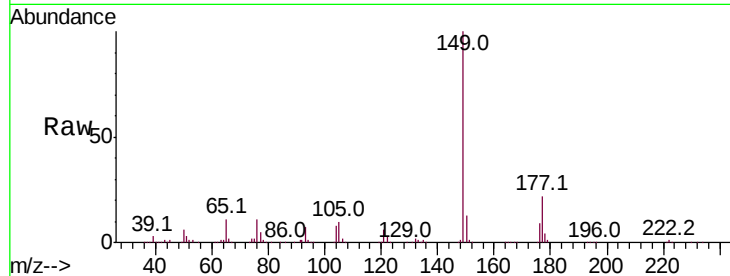




#59
Diethylphthalate
Concen: 43.538 ng
RT: 10.45 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF108523.D
Acq: 27 Aug 2018 20:58

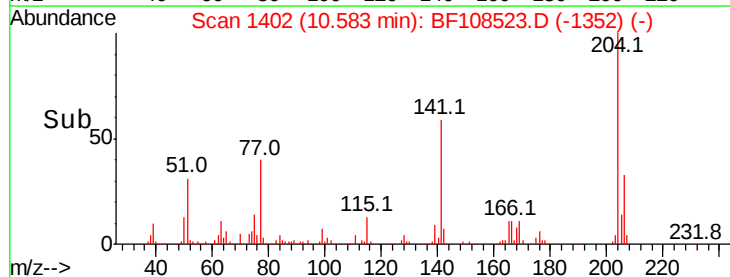
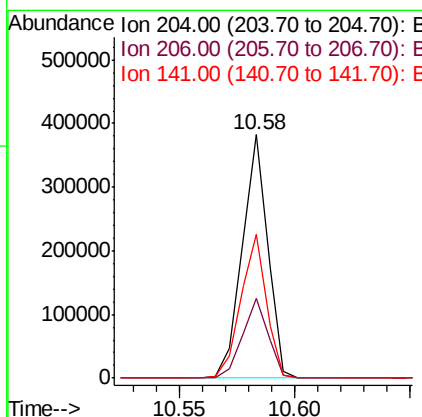
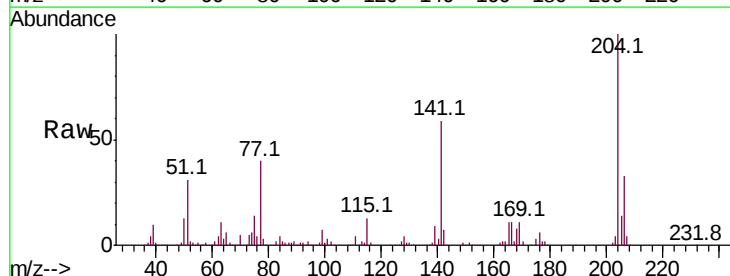
Instrument :
BNA_F
ClientSampleId :

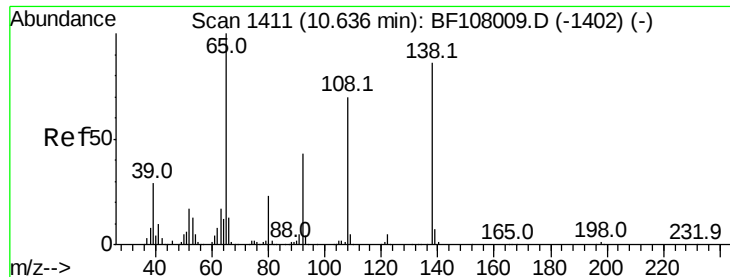
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.2	16.1	24.1
150	12.8	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.537 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF108523.D
Acq: 27 Aug 2018 20:58

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	58.9	54.6	81.8

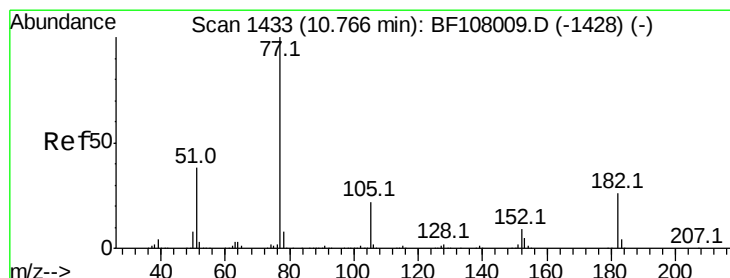
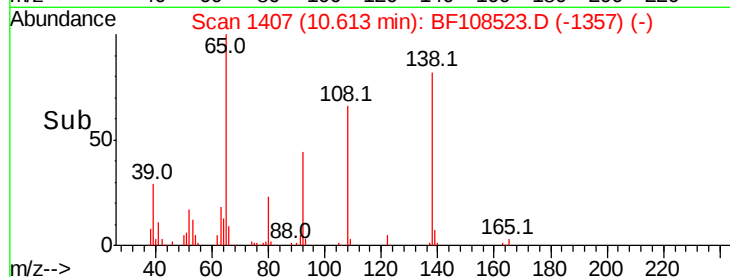
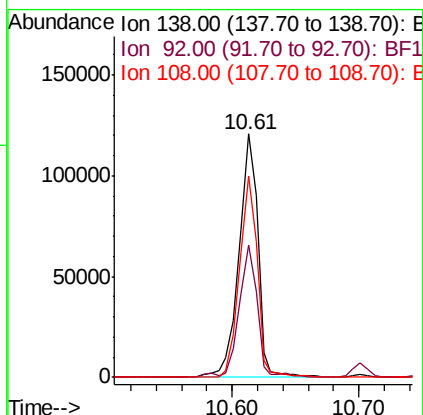
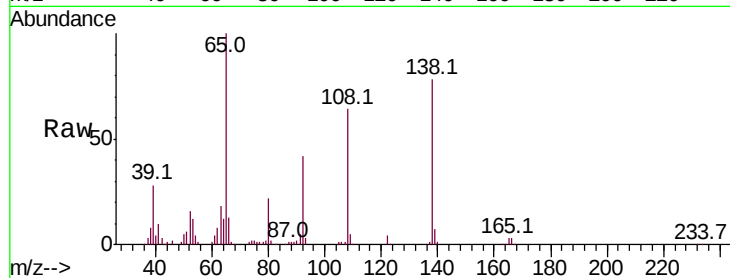




#61
4-Nitroaniline
Concen: 37.543 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF108523.D
Acq: 27 Aug 2018 20:58

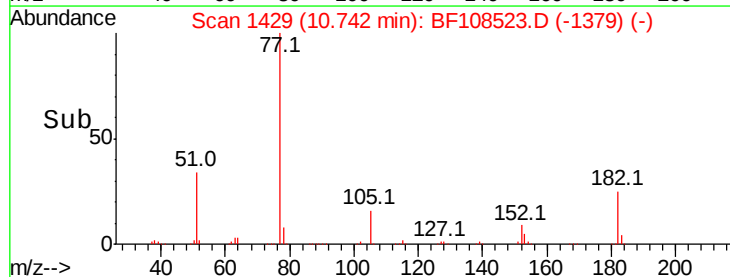
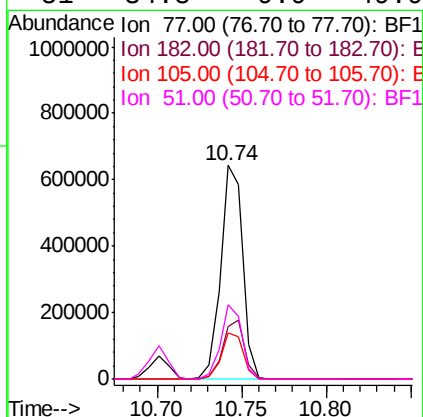
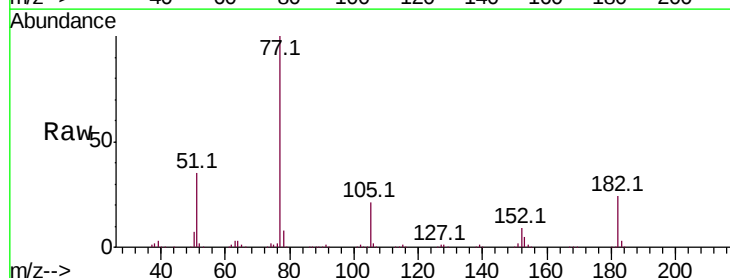
Instrument :
BNA_F
ClientSampled :

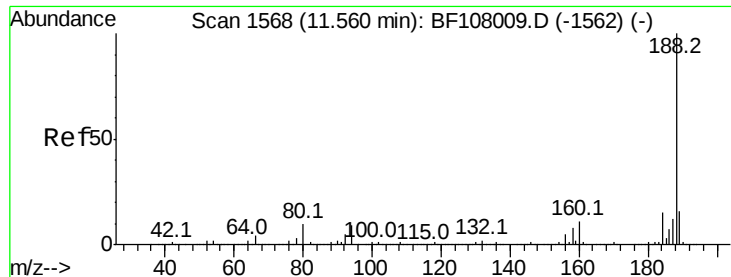
Tot Ion:138 Resp: 125010
Ion Ratio Lower Upper
138 100
92 54.3 30.2 70.2
108 82.4 52.5 92.5



#62
Azobenzene
Concen: 39.431 ng
RT: 10.74 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF108523.D
Acq: 27 Aug 2018 20:58

Tgt Ion: 77 Resp: 580148
Ion Ratio Lower Upper
77 100
182 24.3 1.7 41.7
105 21.4 3.0 43.0
51 34.8 9.9 49.9

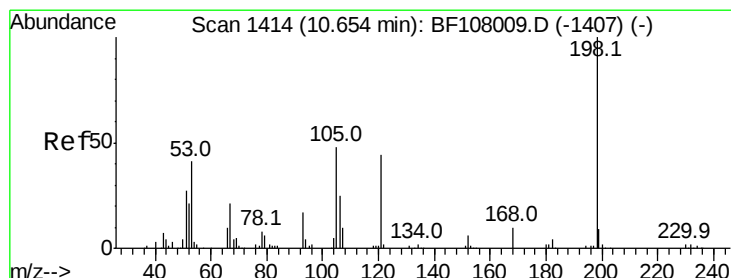
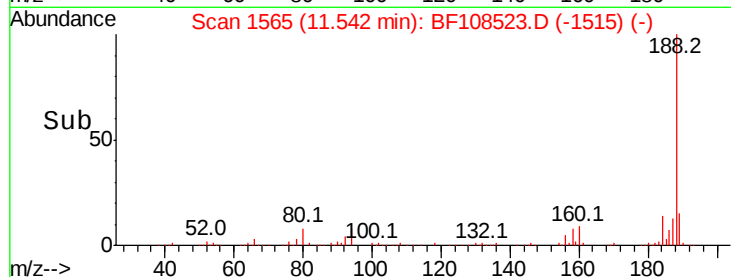
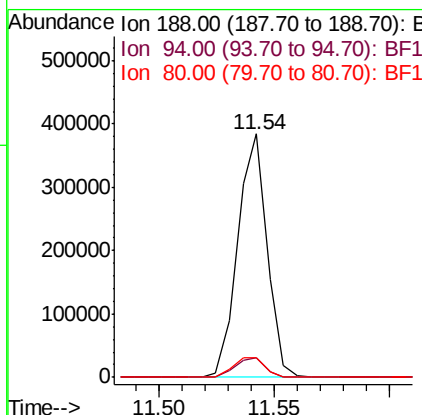
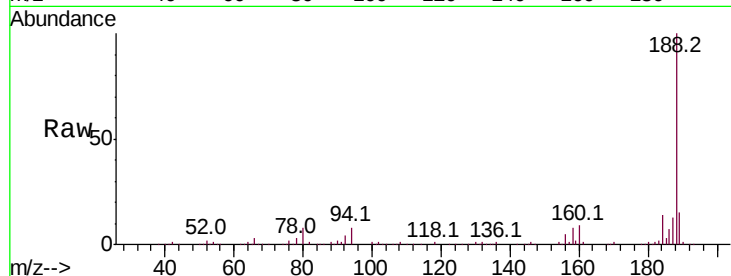




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108523.D
 Acq: 27 Aug 2018 20:58

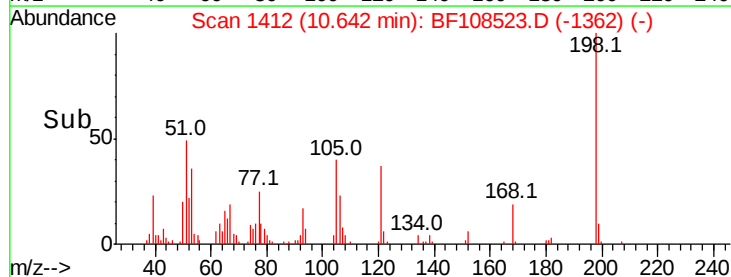
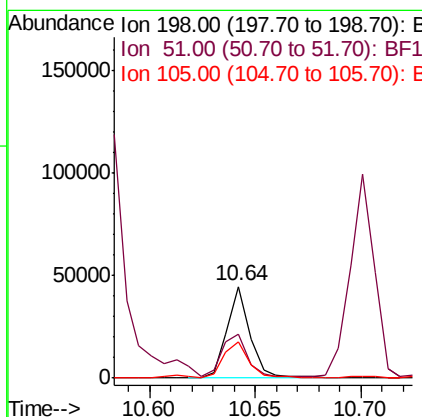
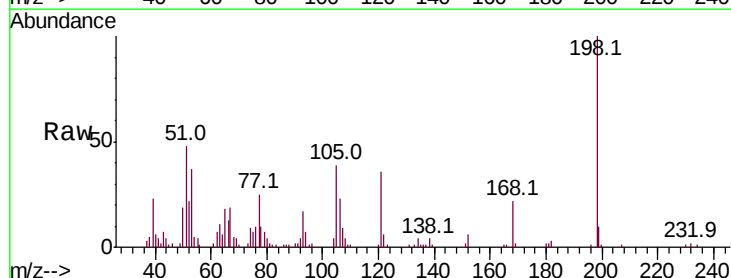
Instrument :
 BNA_F
 ClientSampled :

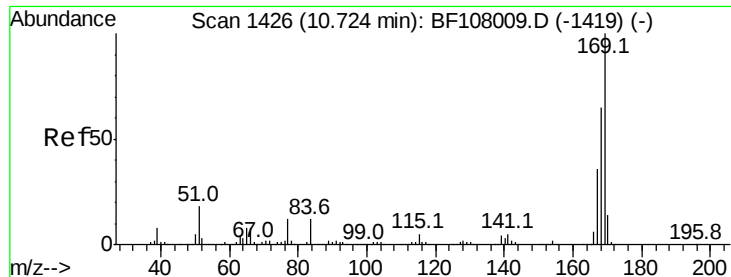
Tot Ion:188 Resp: 340217
 Ion Ratio Lower Upper
 188 100
 94 7.9 8.5 12.7#
 80 8.3 9.2 13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 28.663 ng
 RT: 10.64 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF108523.D
 Acq: 27 Aug 2018 20:58

Tgt Ion:198 Resp: 33508
 Ion Ratio Lower Upper
 198 100
 51 48.3 37.7 77.7
 105 39.3 36.3 76.3

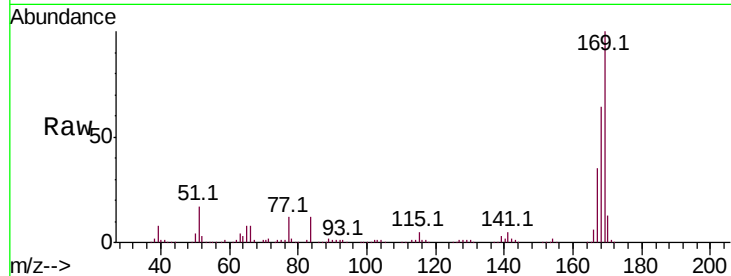




#65
 n-Nitrosodiphenylamine
 Concen: 50.149 ng
 RT: 10.70 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF108523.D
 Acq: 27 Aug 2018 20:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.1	54.4	81.6
167	35.2	29.8	44.6

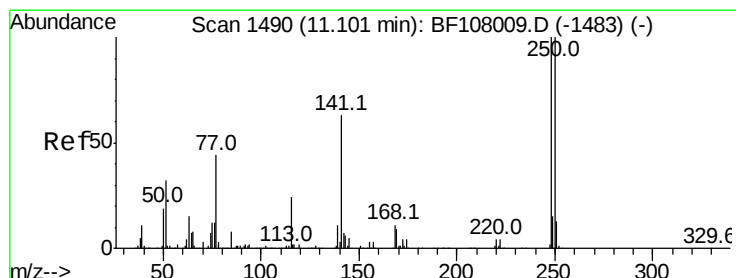
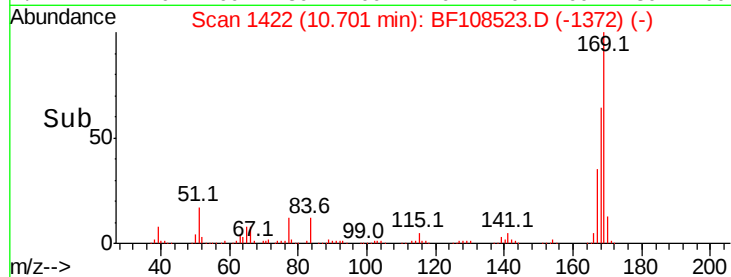
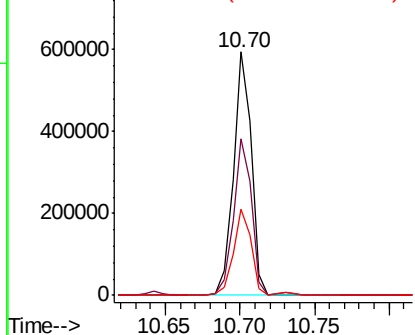


Abundance

Ion 169.00 (168.70 to 169.70): E

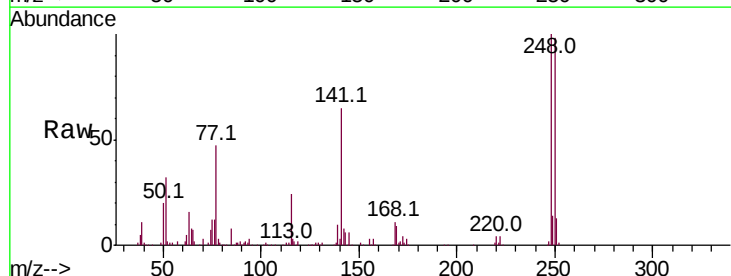
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 48.170 ng
 RT: 11.08 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BF108523.D
 Acq: 27 Aug 2018 20:58

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.9	115.3
141	64.9	74.4	111.6

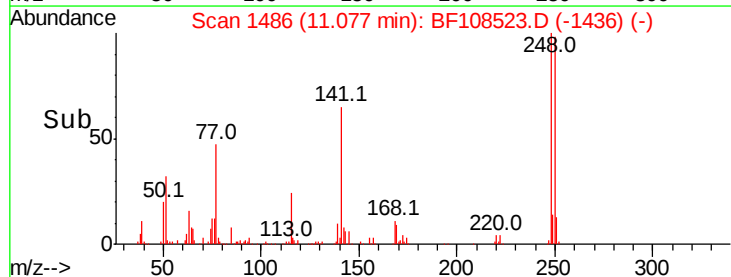
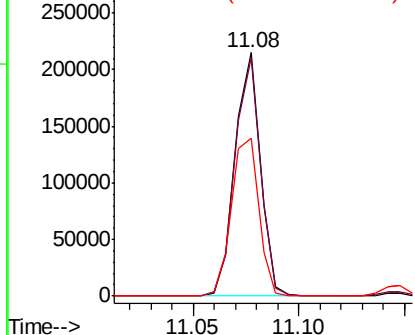


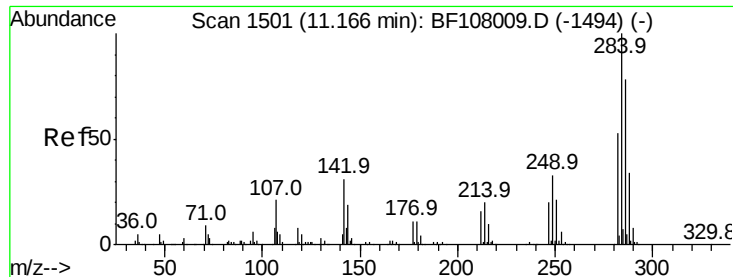
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.354 ng

RT: 11.15 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

Instrument :

BNA_F

ClientSampled :

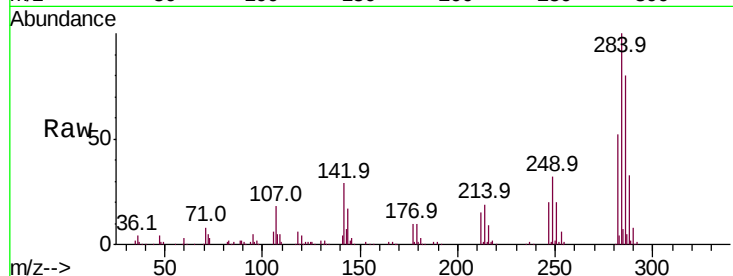
Tot Ion:284 Resp: 168651

Ion Ratio Lower Upper

284 100

142 28.9 34.6 52.0#

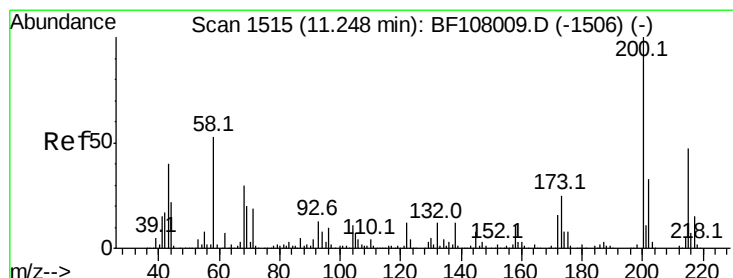
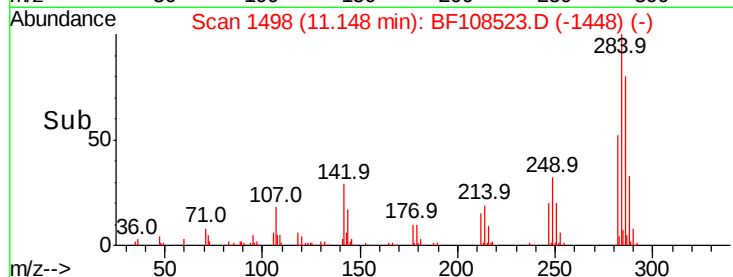
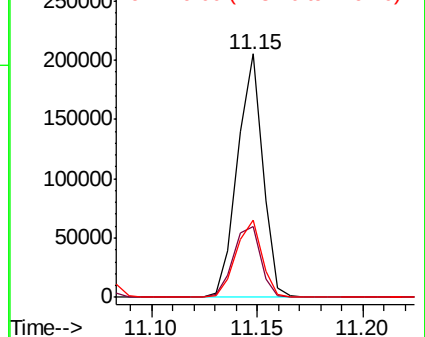
249 31.6 24.8 37.2



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: 47.740 ng

RT: 11.22 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

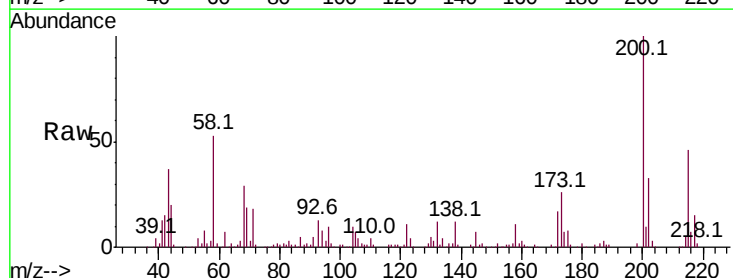
Tgt Ion:200 Resp: 160982

Ion Ratio Lower Upper

200 100

173 26.1 8.6 48.6

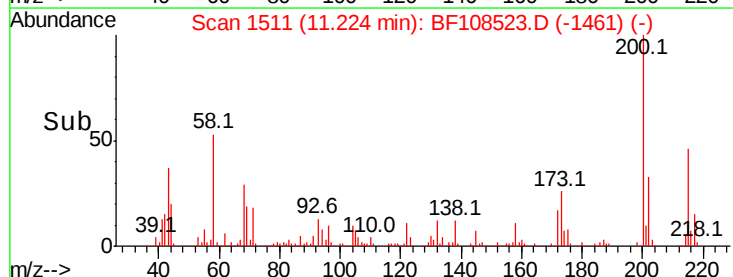
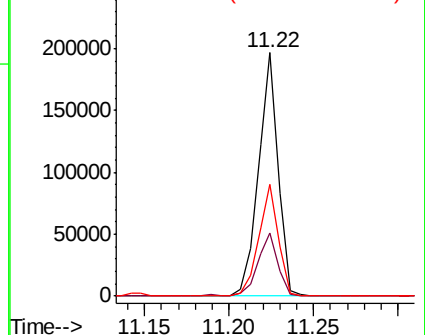
215 46.0 25.1 65.1



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

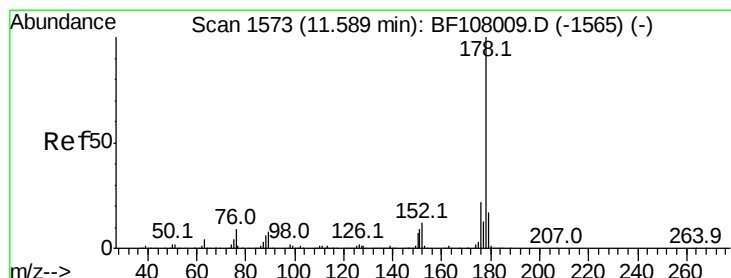
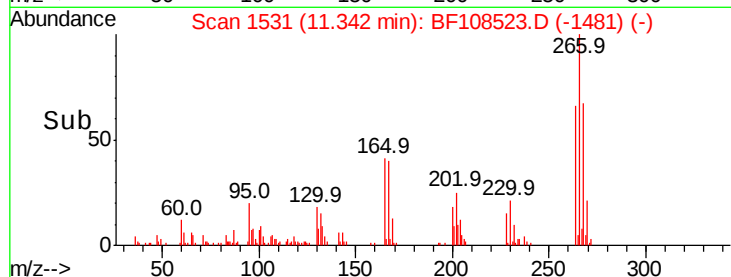
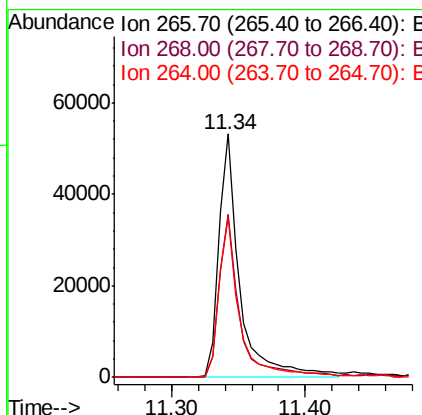
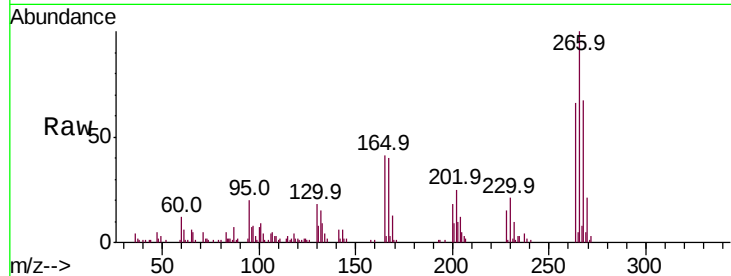




#69
 Pentachlorophenol
 Concen: 31.786 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108523.D
 Acq: 27 Aug 2018 20:58

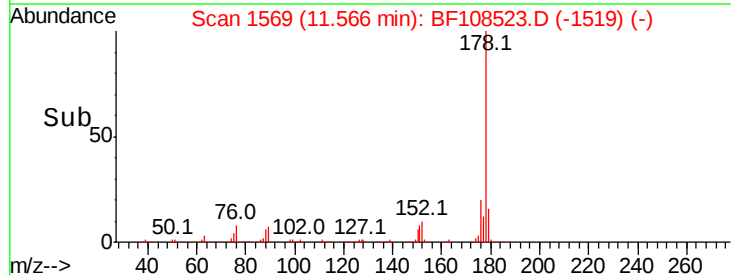
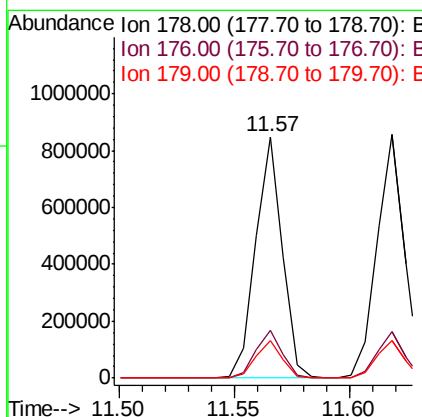
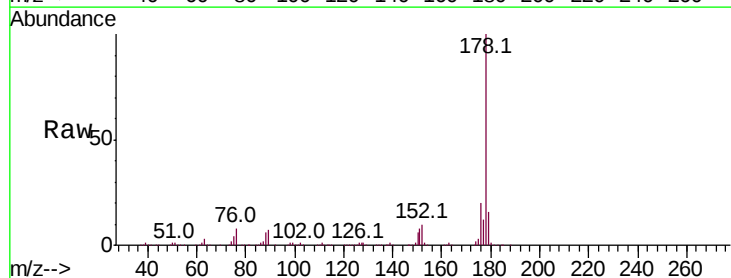
Instrument :
 BNA_F
 ClientSampleId :

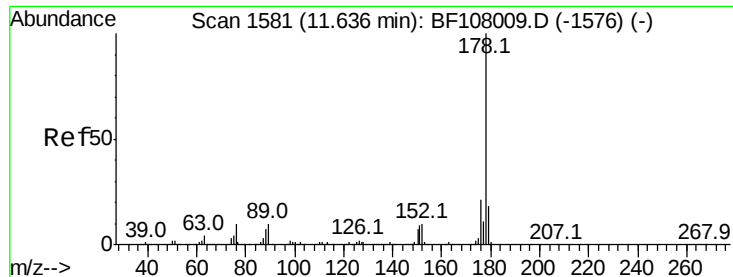
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.8	51.1	76.7
264	65.9	49.5	74.3



#70
 Phenanthrene
 Concen: 42.688 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108523.D
 Acq: 27 Aug 2018 20:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.7	13.0	19.6

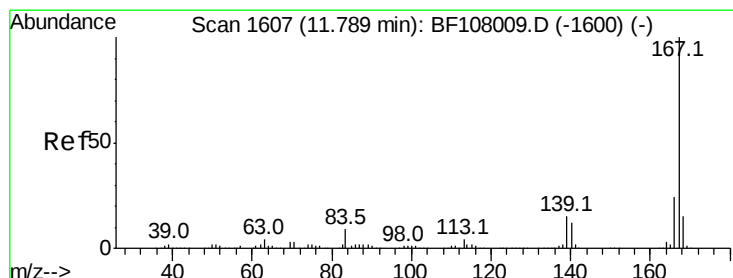
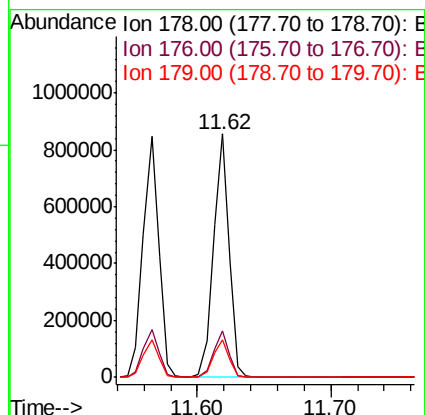
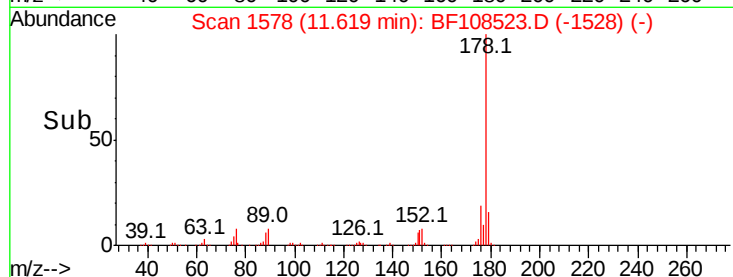
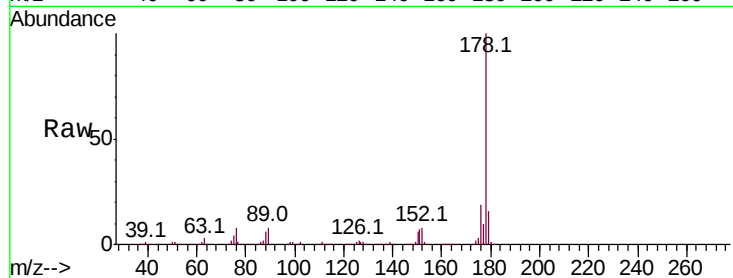




#71
 Anthracene
 Concen: 42.601 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108523.D
 Acq: 27 Aug 2018 20:58

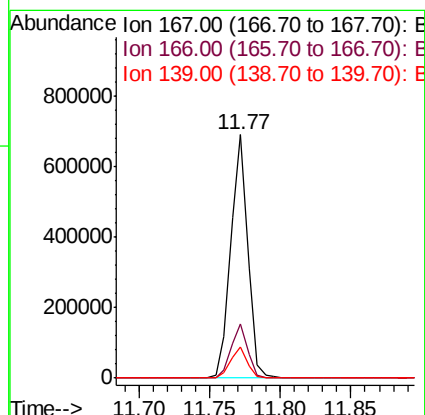
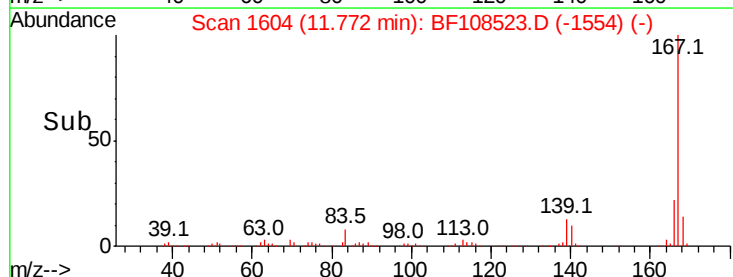
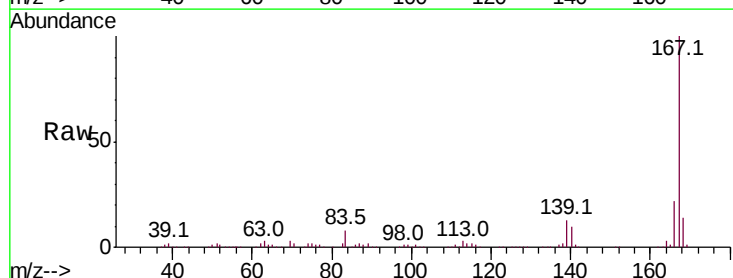
Instrument :
 BNA_F
 ClientSampled :

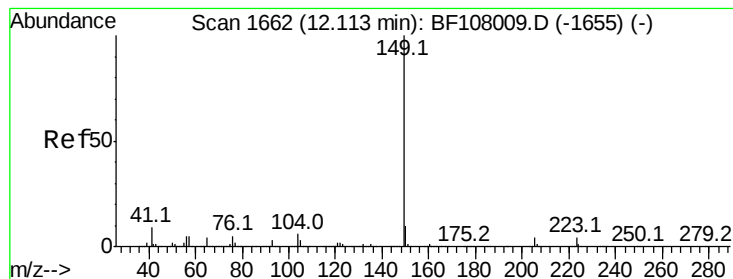
Tot Ion:178 Resp: 700646
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 39.608 ng
 RT: 11.77 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF108523.D
 Acq: 27 Aug 2018 20:58

Tgt Ion:167 Resp: 578771
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 50.159 ng

RT: 12.08 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

Instrument :

BNA_F

ClientSampled :

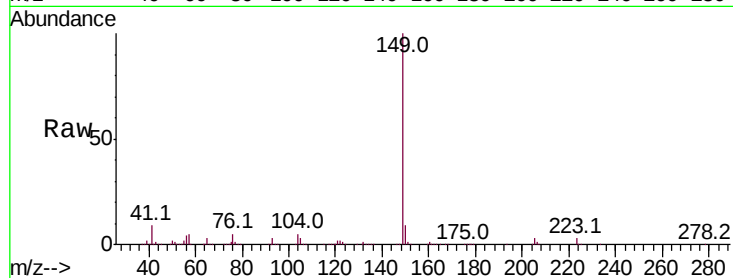
Tot Ion:149 Resp: 830208

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

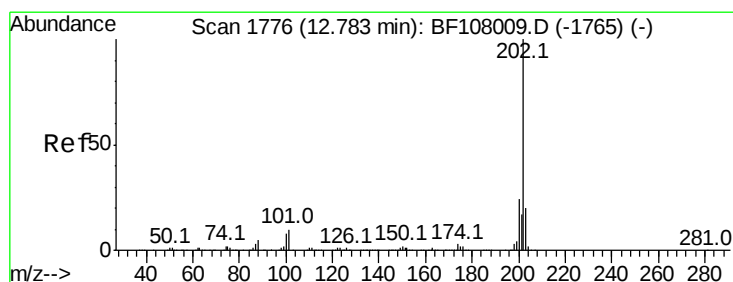
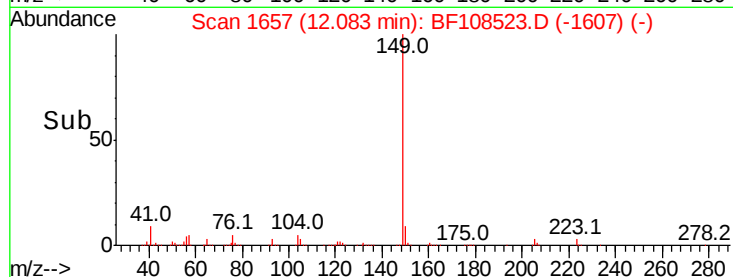
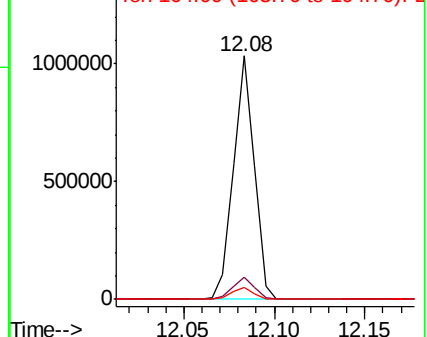
104 5.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.790 ng

RT: 12.76 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

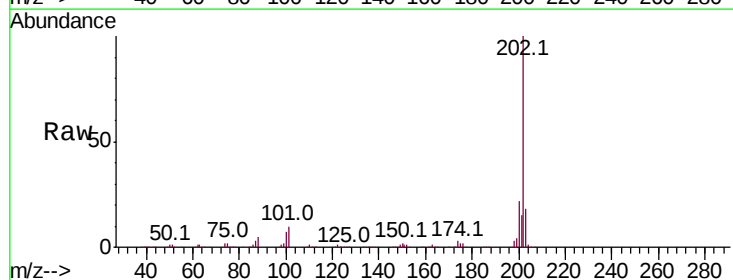
Tgt Ion:202 Resp: 661818

Ion Ratio Lower Upper

202 100

101 10.2 0.0 34.1

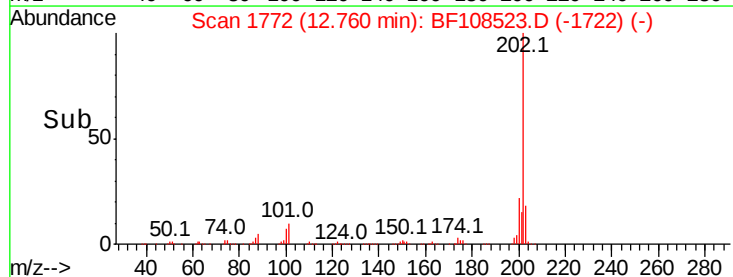
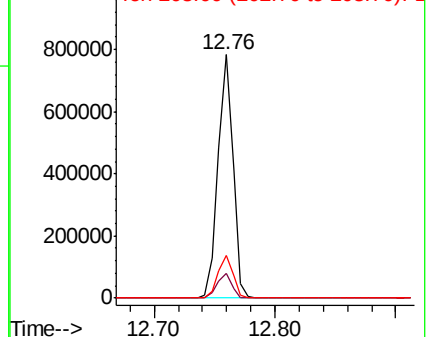
203 17.7 0.0 38.1

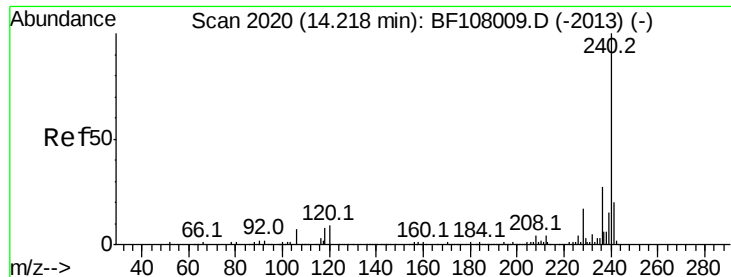


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

Instrument :

BNA_F

ClientSampleId :

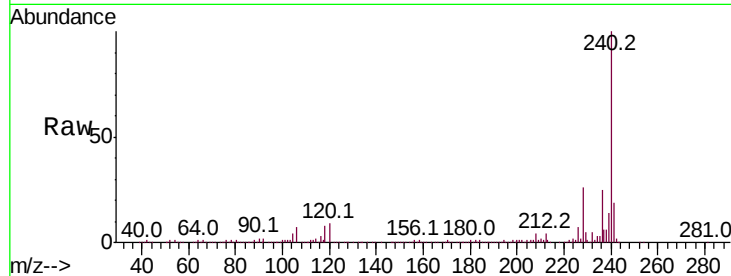
Tot Ion:240 Resp: 282712

Ion Ratio Lower Upper

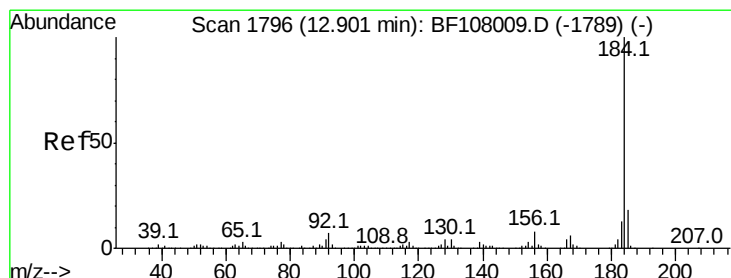
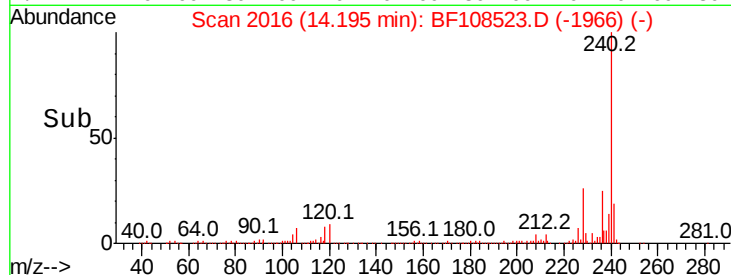
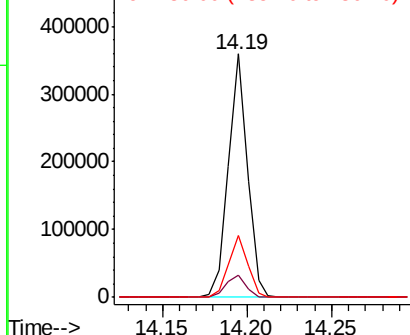
240 100

120 9.0 9.5 14.3#

236 25.5 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: 34.388 ng

RT: 12.88 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

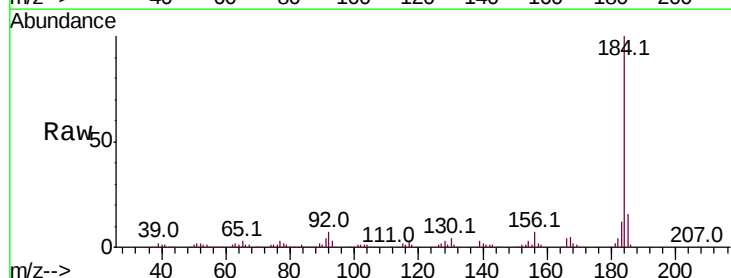
Tgt Ion:184 Resp: 363232

Ion Ratio Lower Upper

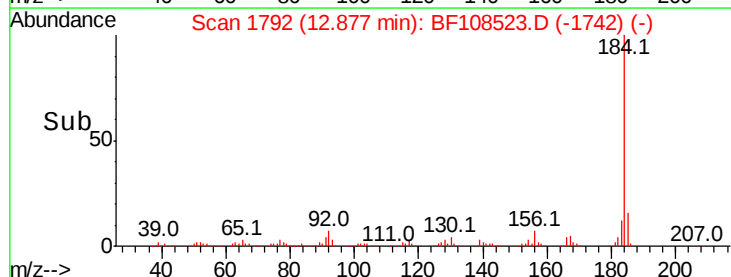
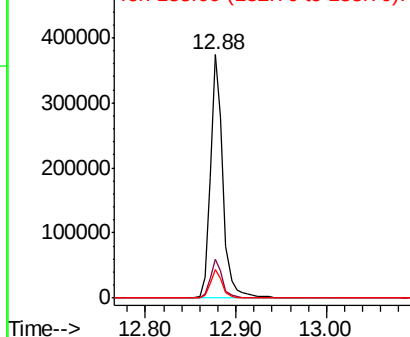
184 100

185 15.8 12.6 18.8

183 11.8 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: 36.651 ng

RT: 12.99 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

Instrument :

BNA_F

ClientSampleId :

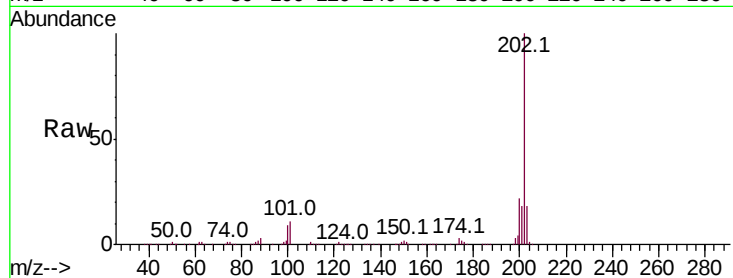
Tot Ion:202 Resp: 655999

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

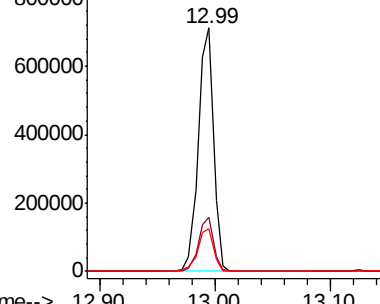
203 17.6 14.3 21.5



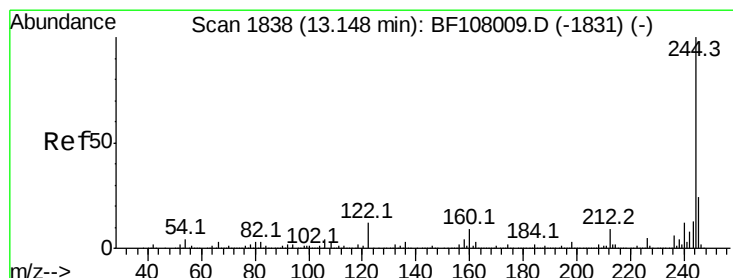
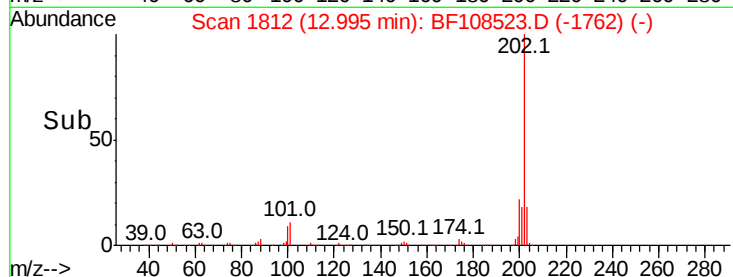
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 12.90 13.00 13.10



#78

Terphenyl-d14

Concen: 78.534 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

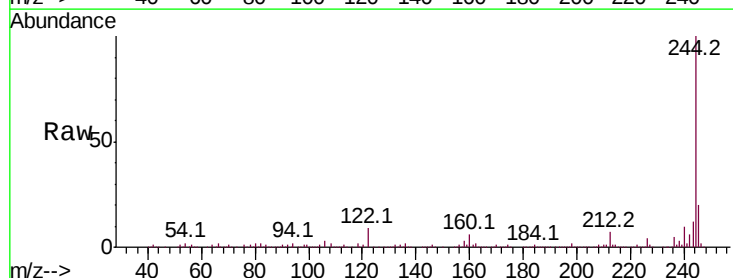
Tgt Ion:244 Resp: 873232

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

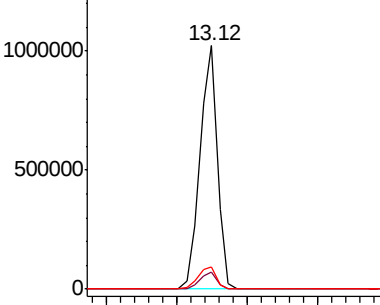
122 9.0 11.0 16.4#



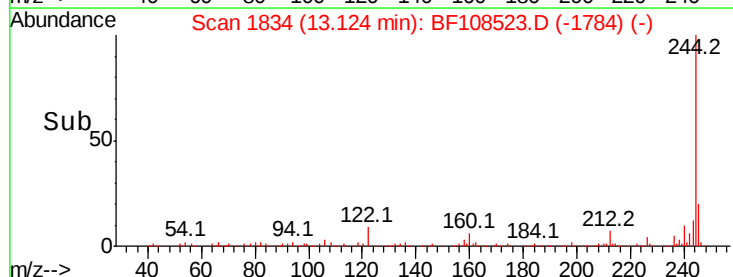
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 13.05 13.10 13.15 13.20

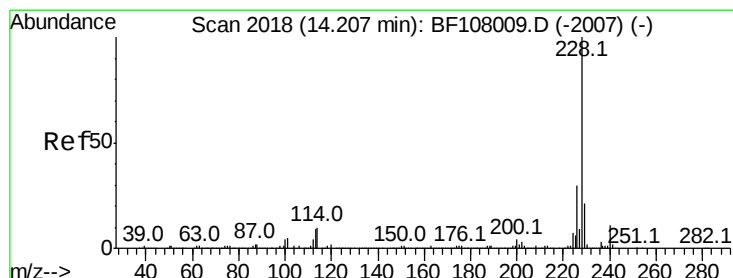
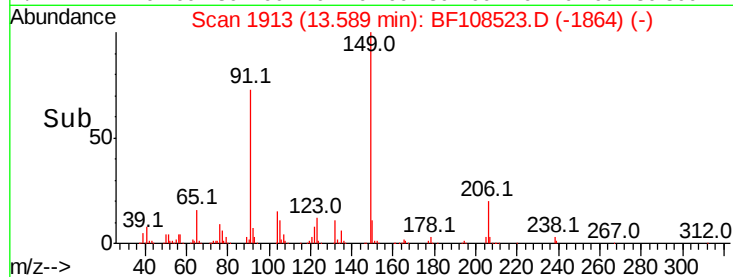
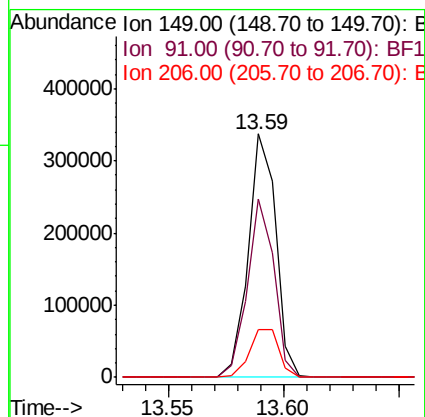
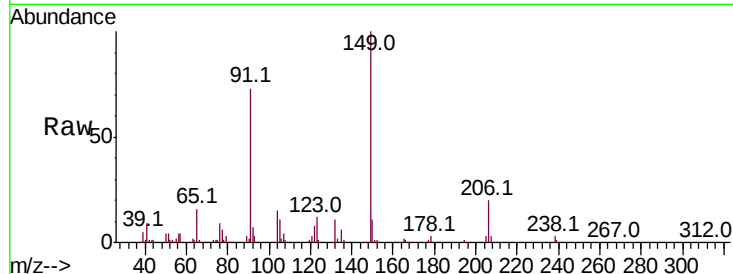




#79
Butylbenzylphthalate
Concen: 39.846 ng
RT: 13.59 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF108523.D
Acq: 27 Aug 2018 20:58

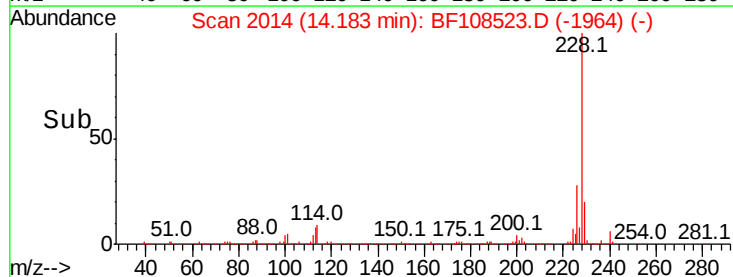
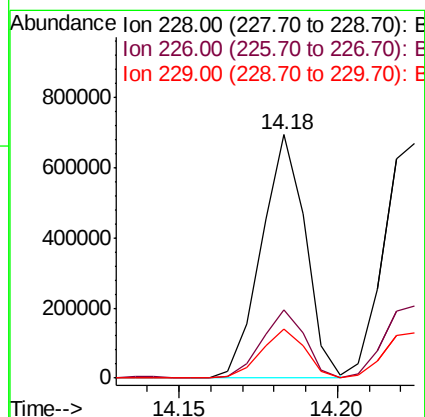
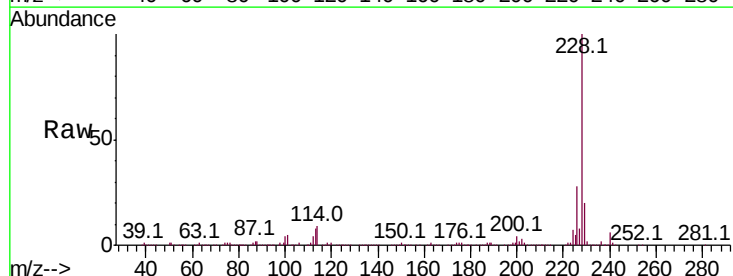
Instrument :
BNA_F
ClientSampleId :

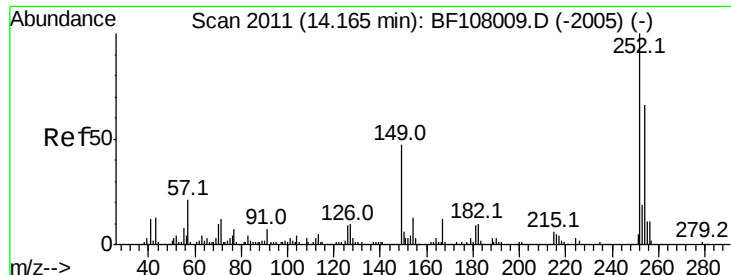
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.0	56.8	85.2
206	19.8	14.1	21.1



#80
Benzo(a)anthracene
Concen: 41.278 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108523.D
Acq: 27 Aug 2018 20:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.3	15.8	23.6

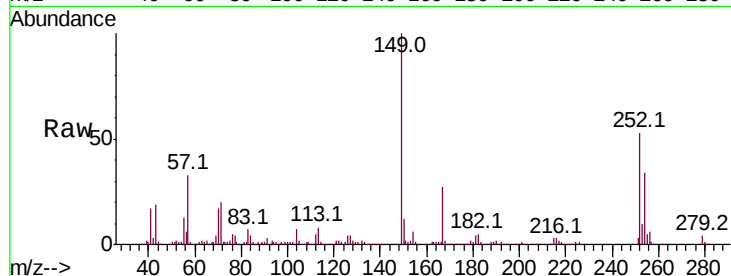




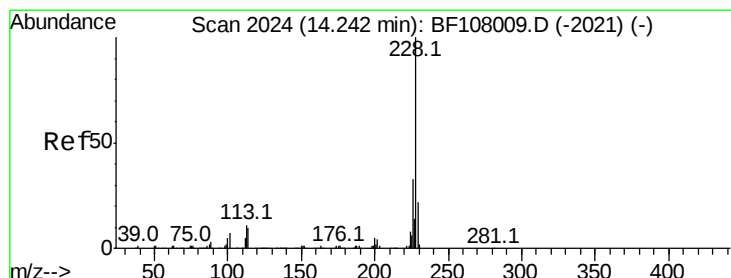
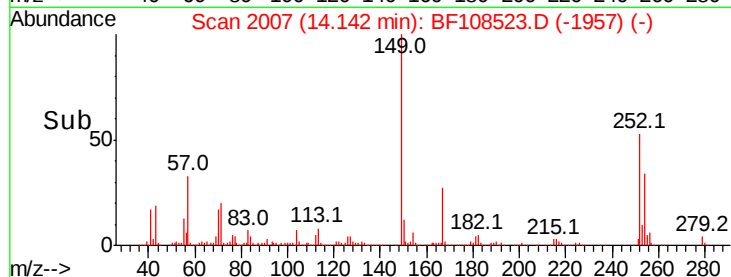
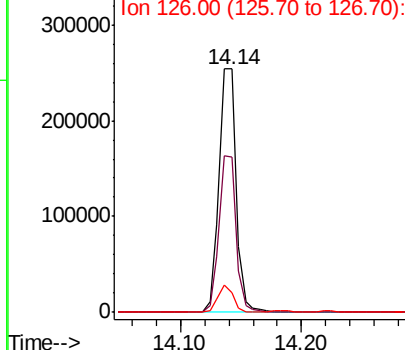
#81
 3,3'-Dichlorobenzidine
 Concen: 42.689 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108523.D
 Acq: 27 Aug 2018 20:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 248219
 Ion Ratio Lower Upper
 252 100
 254 63.6 50.4 75.6
 126 7.8 11.3 16.9#

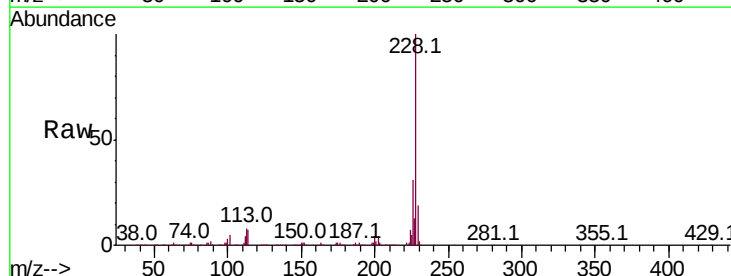


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

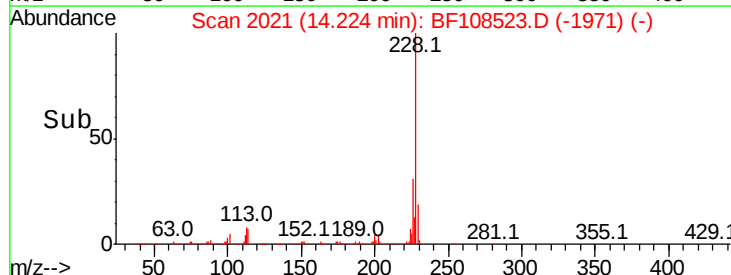
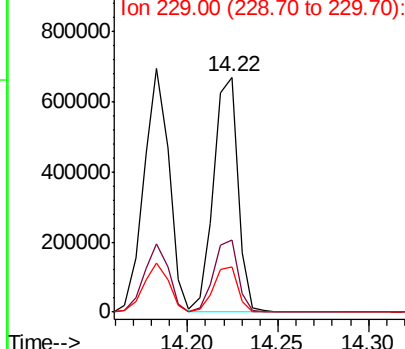


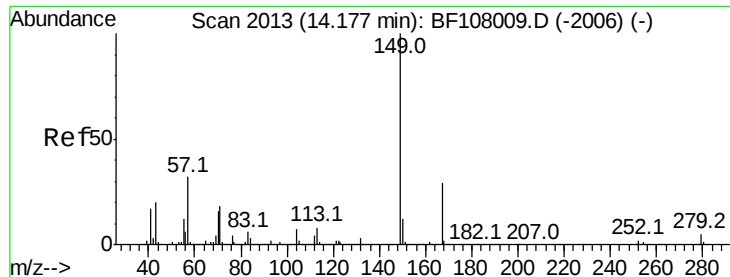
#82
 Chrysene
 Concen: 42.245 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108523.D
 Acq: 27 Aug 2018 20:58

Tgt Ion:228 Resp: 628377
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 19.3 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

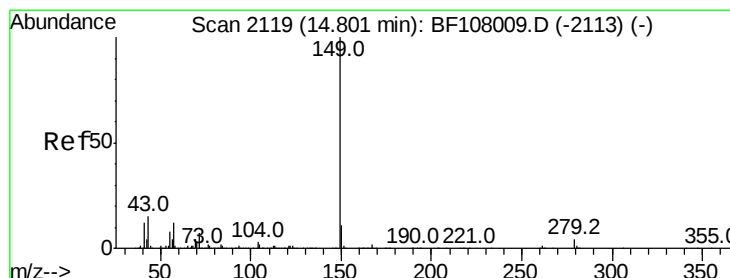
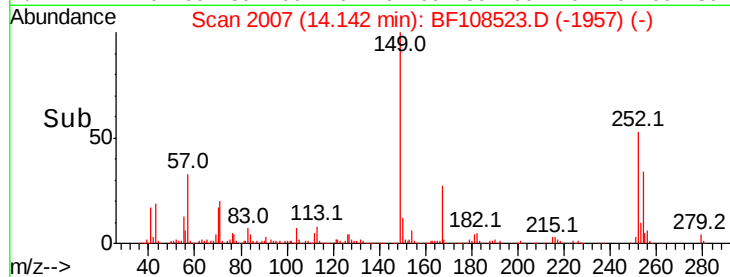
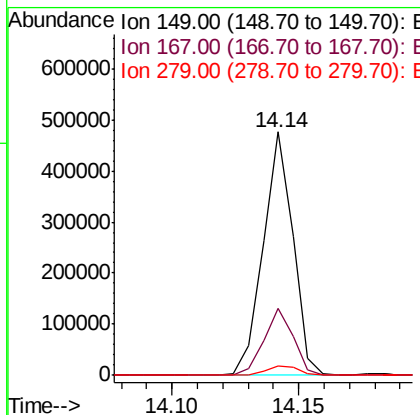
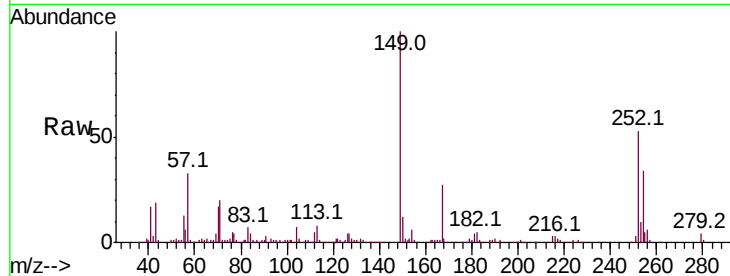




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.687 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108523.D
 Acq: 27 Aug 2018 20:58

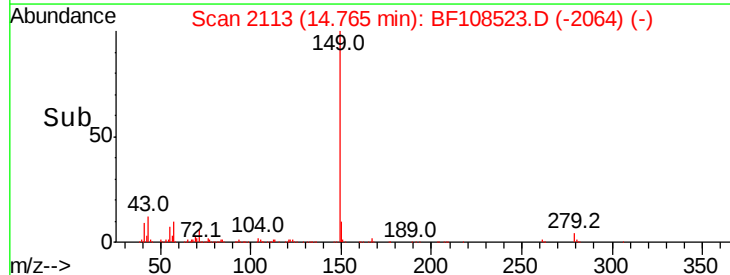
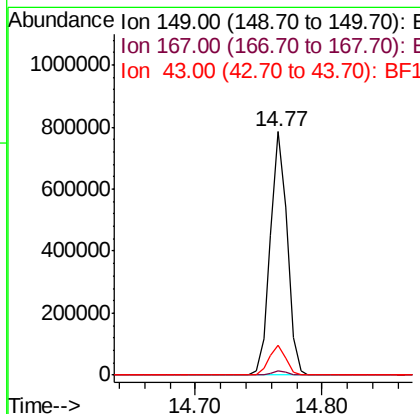
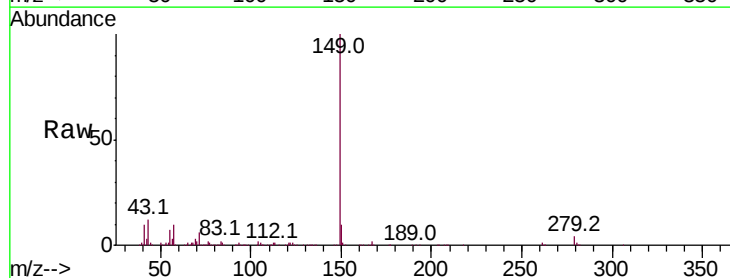
Instrument :
 BNA_F
 ClientSampleId :

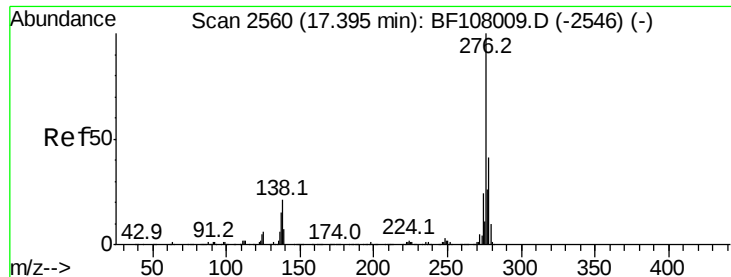
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.3	31.9
279	4.1	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 49.407 ng
 RT: 14.77 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BF108523.D
 Acq: 27 Aug 2018 20:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.8	8.4	12.6

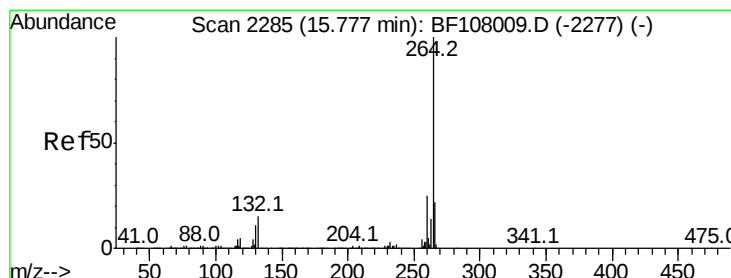
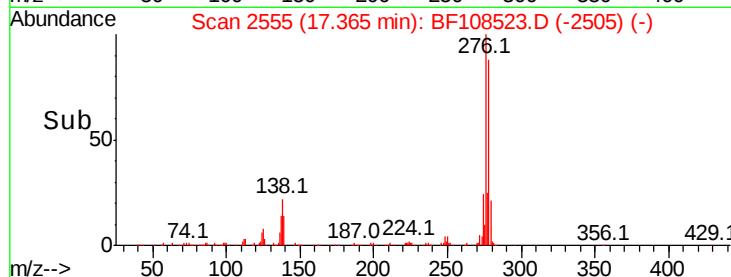
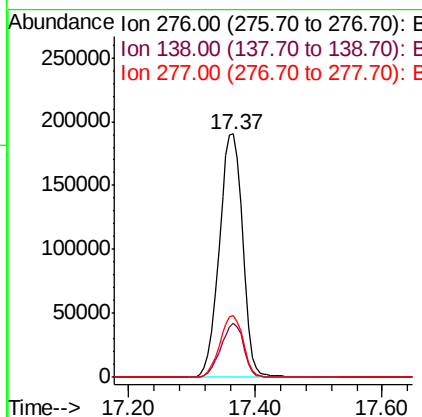
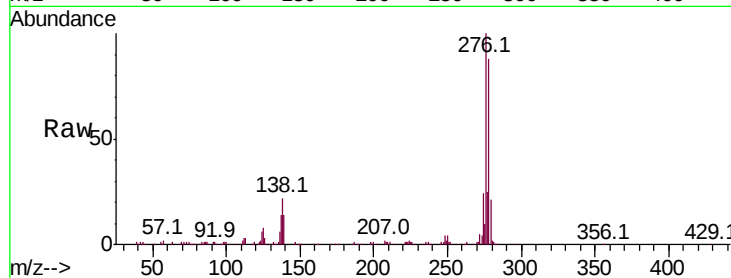




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.075 ng
 RT: 17.37 min Scan# 2555
 Delta R.T. -0.01 min
 Lab File: BF108523.D
 Acq: 27 Aug 2018 20:58

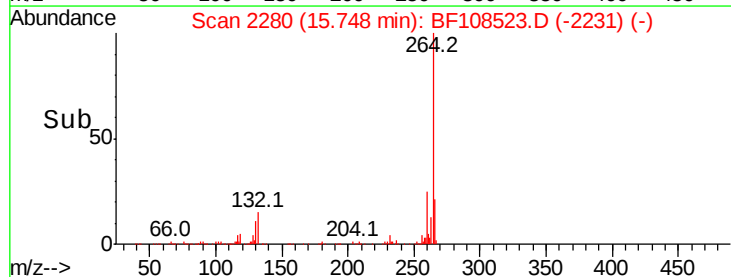
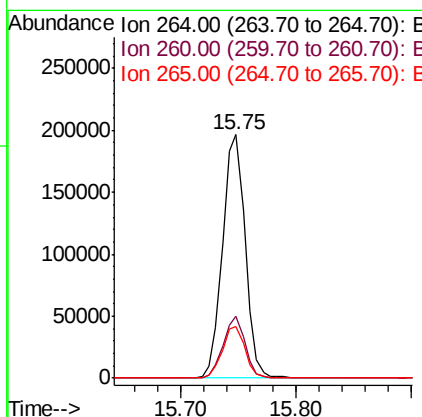
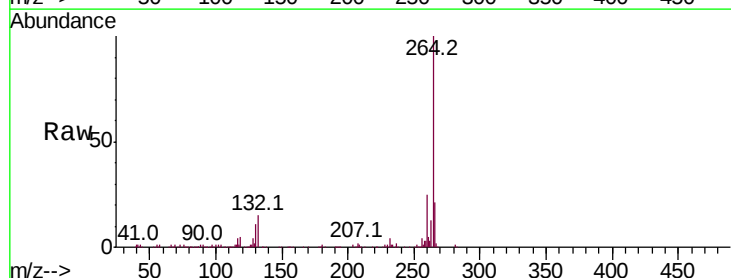
Instrument :
 BNA_F
 ClientSampleId :

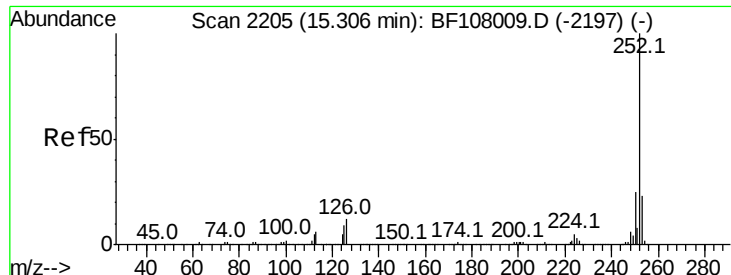
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.7	25.0	37.6#
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108523.D
 Acq: 27 Aug 2018 20:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	21.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 41.029 ng

RT: 15.28 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

Instrument :

BNA_F

ClientSampleId :

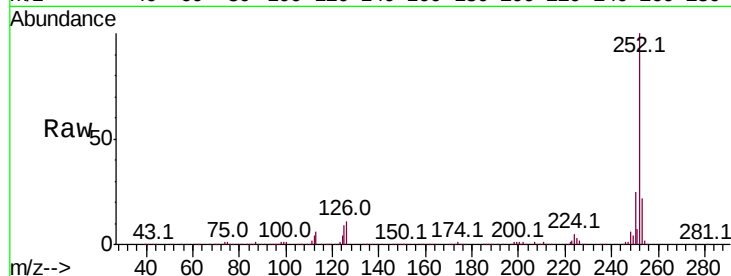
Tot Ion:252 Resp: 655760

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

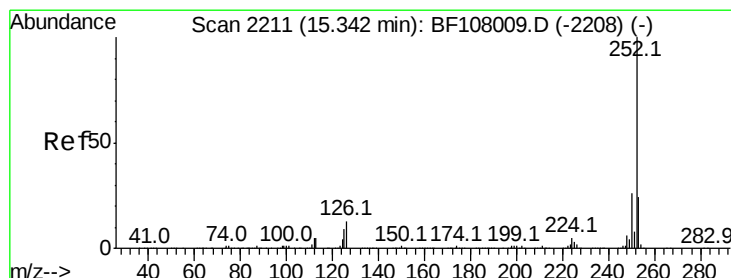
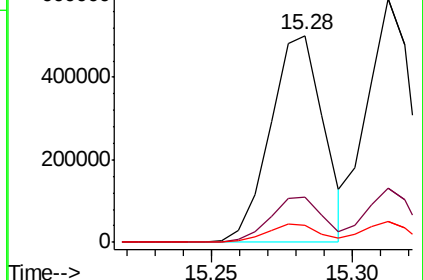
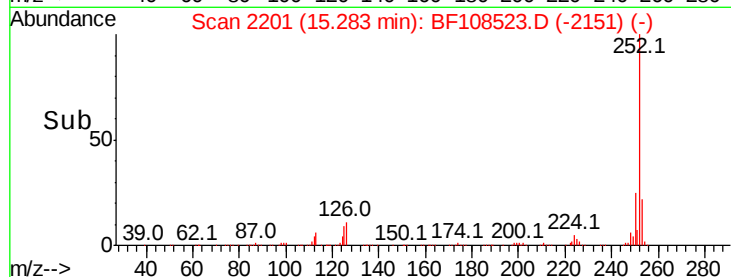
125 8.6 9.0 13.6#



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



#88

Benzo(k)fluoranthene

Concen: 43.666 ng

RT: 15.31 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

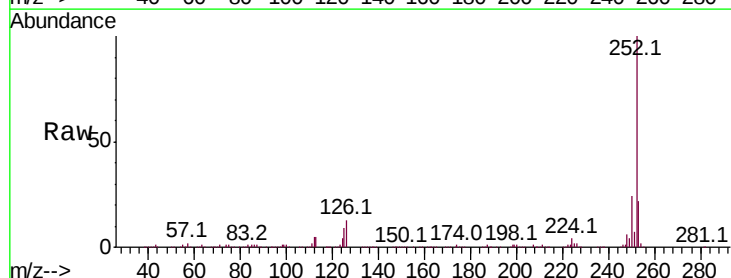
Tgt Ion:252 Resp: 641548

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

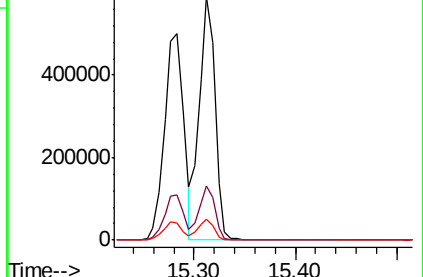
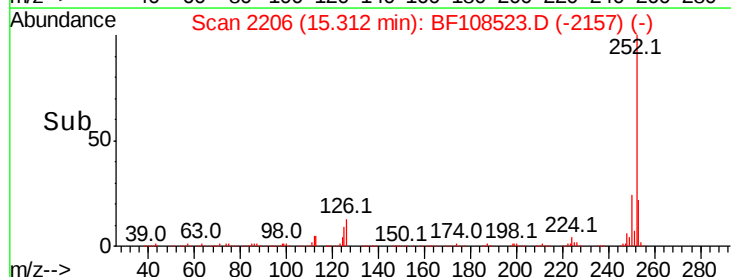
125 8.7 10.2 15.2#

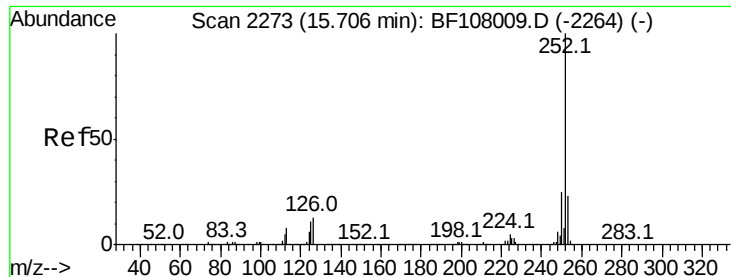


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

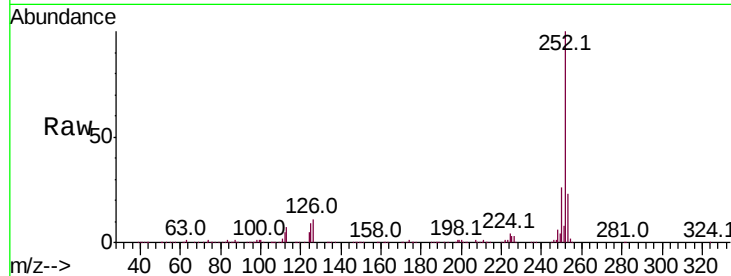




#89
Benzo(a)pyrene
Concen: 41.544 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF108523.D
Acq: 27 Aug 2018 20:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	9.3	9.8	14.6

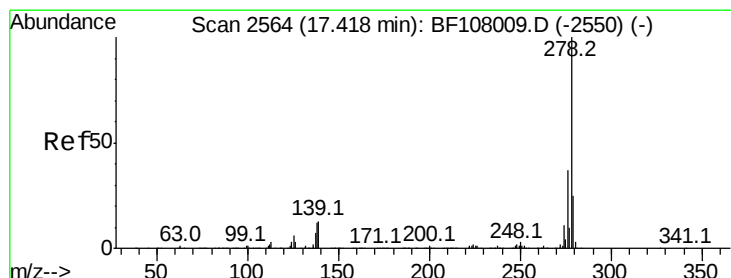
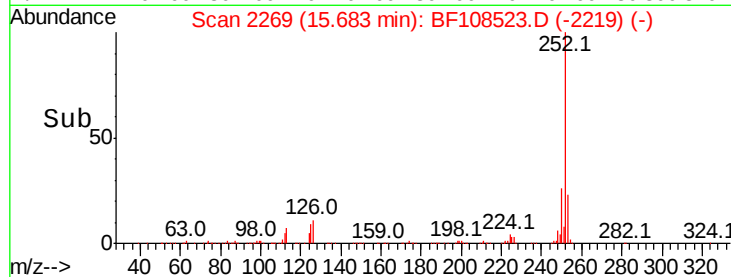
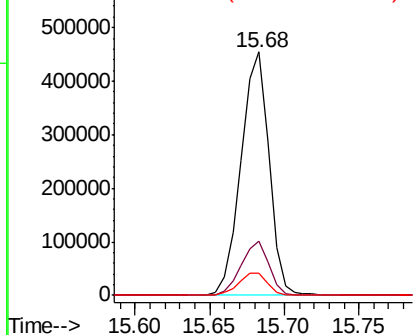


Abundance

Ion 252.00 (251.70 to 252.70): E

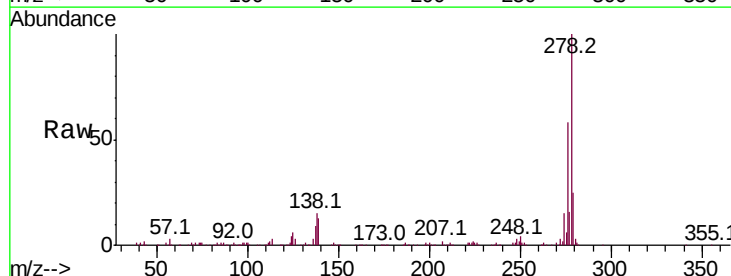
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 35.261 ng
RT: 17.38 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF108523.D
Acq: 27 Aug 2018 20:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.5	15.9	23.9
279	24.8	19.0	28.4

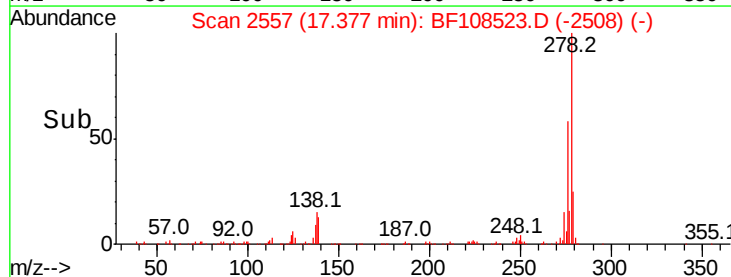
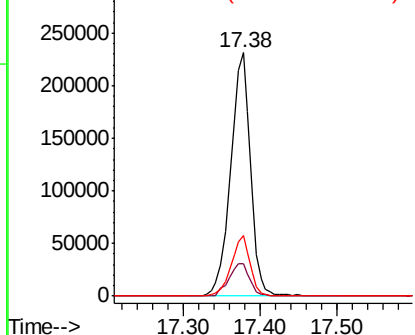


Abundance

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: 32.589 ng

RT: 17.85 min Scan# 2638

Delta R.T. -0.01 min

Lab File: BF108523.D

Acq: 27 Aug 2018 20:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 380010

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 18.4 21.8 32.8#

