

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
 Data File : BF108038.D
 Acq On : 8 Aug 2018 23:49
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 06:44:54 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 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	293689	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1162220	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	615505	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	1233469	20.00	ng	0.00
75) Chrysene-d12	14.21	240	981748	20.00	ng	0.00
86) Perylene-d12	15.77	264	838739	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	1302922	80.32	ng	0.00
7) Phenol-d6	6.63	99	1743915	80.90	ng	0.00
23) Nitrobenzene-d5	7.58	82	1700336	81.64	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	511896	83.38	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2916445	76.07	ng	0.00
78) Terphenyl-d14	13.15	244	3001168	77.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	336084	40.320	ng	88
3) Pyridine	3.68	79	881881	41.072	ng	# 85
4) n-Nitrosodimethylamine	3.65	42	491185	40.654	ng	81
6) Aniline	6.68	93	1201591	40.980	ng	95
8) 2-Chlorophenol	6.80	128	740697	40.541	ng	98
9) Benzaldehyde	6.57	77	663799	39.717	ng	99
10) Phenol	6.64	94	888647	39.853	ng	88
11) bis(2-Chloroethyl)ether	6.75	93	720222	39.953	ng	92
12) 1,3-Dichlorobenzene	6.95	146	845953	40.045	ng	96
13) 1,4-Dichlorobenzene	7.03	146	844814	39.803	ng	98
14) 1,2-Dichlorobenzene	7.19	146	792094	40.121	ng	97
15) Benzyl Alcohol	7.15	79	736195	40.568	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1465591	39.465	ng	97
17) 2-Methylphenol	7.25	107	636607	40.632	ng	# 94
18) Hexachloroethane	7.53	117	302625	40.049	ng	91
19) n-Nitroso-di-n-propylamine	7.42	70	579811	39.775	ng	# 85
20) 3+4-Methylphenols	7.41	107	816759	40.680	ng	91
22) Acetophenone	7.42	105	1087436	40.015	ng	# 93
24) Nitrobenzene	7.60	77	865067	41.074	ng	93
25) Isophorone	7.84	82	1577131	39.728	ng	98
26) 2-Nitrophenol	7.91	139	329736	41.457	ng	91
27) 2,4-Dimethylphenol	7.94	122	712913	40.462	ng	96
28) bis(2-Chloroethoxy)methane	8.04	93	913136	39.402	ng	99
29) 2,4-Dichlorophenol	8.15	162	666007	41.075	ng	98
30) 1,2,4-Trichlorobenzene	8.24	180	713451	39.909	ng	98
31) Naphthalene	8.32	128	2089722	39.537	ng	98
32) Benzoic acid	8.04	122	372647	37.885	ng	90
33) 4-Chloroaniline	8.37	127	922491	40.049	ng	96
34) Hexachlorobutadiene	8.43	225	450145	39.776	ng	99
35) Caprolactam	8.74	113	218726	43.046	ng	# 80
36) 4-Chloro-3-methylphenol	8.84	107	712414	40.728	ng	98
37) 2-Methylnaphthalene	9.01	142	1497384	40.042	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	747910	39.569	ng	98
40) Hexachlorocyclopentadiene	9.17	237	498157	40.803	ng	98

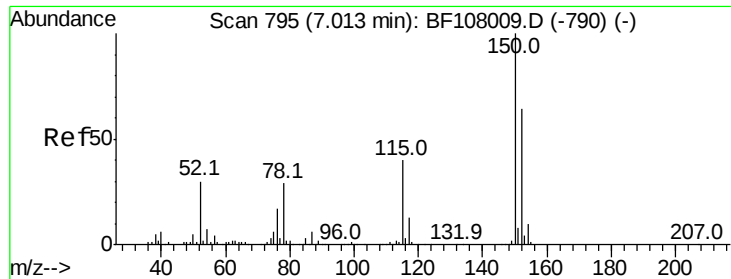
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
 Data File : BF108038.D
 Acq On : 8 Aug 2018 23:49
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 06:44:54 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 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	480733	40.985	ng	99
43) 2,4,5-Trichlorophenol	9.32	196	550272	42.617	ng	95
45) 1,1'-Biphenyl	9.48	154	1769279	38.987	ng	97
46) 2-Chloronaphthalene	9.51	162	1418123	39.538	ng	99
47) 2-Nitroaniline	9.60	65	500748	43.148	ng	88
48) Acenaphthylene	9.93	152	2232654	39.374	ng	96
49) Dimethylphthalate	9.78	163	1688108	39.373	ng	# 98
50) 2,6-Dinitrotoluene	9.84	165	374179	41.713	ng	91
51) Acenaphthene	10.10	154	1375219	39.596	ng	98
52) 3-Nitroaniline	10.01	138	417976	42.587	ng	92
53) 2,4-Dinitrophenol	10.11	184	122120	40.205	ng	# 26
54) Dibenzofuran	10.27	168	1960071	38.954	ng	92
55) 4-Nitrophenol	10.15	139	308855	41.557	ng	# 78
56) 2,4-Dinitrotoluene	10.25	165	501423	43.426	ng	# 98
57) Fluorene	10.62	166	1561294	39.197	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.38	232	457914	42.431	ng	# 87
59) Diethylphthalate	10.48	149	1653428	39.825	ng	95
60) 4-Chlorophenyl-phenylether	10.60	204	806943	38.879	ng	96
61) 4-Nitroaniline	10.63	138	420543	43.339	ng	87
62) Azobenzene	10.77	77	1698237	39.608	ng	90
64) 4,6-Dinitro-2-methylphenol	10.65	198	181054	40.091	ng	91
65) n-Nitrosodiphenylamine	10.72	169	1440828	39.529	ng	99
66) 4-Bromophenyl-phenylether	11.10	248	539277	40.231	ng	92
67) Hexachlorobenzene	11.17	284	557076	39.499	ng	# 86
68) Atrazine	11.25	200	500758	40.960	ng	95
69) Pentachlorophenol	11.35	266	280156	41.501	ng	97
70) Phenanthrene	11.58	178	2257026	38.795	ng	96
71) Anthracene	11.64	178	2311050	38.757	ng	94
72) Carbazole	11.79	167	2091613	39.480	ng	96
73) Di-n-butylphthalate	12.11	149	2391947	39.861	ng	# 96
74) Fluoranthene	12.78	202	2503247	39.425	ng	94
76) Benzidine	12.90	184	1582745	43.149	ng	95
77) Pyrene	13.01	202	2506641	40.329	ng	94
79) Butylbenzylphthalate	13.62	149	1054343	42.719	ng	# 94
80) Benzo(a)anthracene	14.20	228	2283198	40.524	ng	95
81) 3,3'-Dichlorobenzidine	14.16	252	861584	42.670	ng	# 97
82) Chrysene	14.24	228	2041451	39.521	ng	93
83) Bis(2-ethylhexyl)phthalate	14.17	149	1388414	41.542	ng	98
84) Di-n-octyl phthalate	14.80	149	2124804	41.686	ng	# 93
85) Indeno(1,2,3-cd)pyrene	17.39	276	1770199	39.552	ng	# 91
87) Benzo(b)fluoranthene	15.34	252	1871402	37.340	ng	96
88) Benzo(k)fluoranthene	15.34	252	1871402	40.620	ng	# 96
89) Benzo(a)pyrene	15.71	252	1798709	40.079	ng	96
90) Dibenzo(a,h)anthracene	17.41	278	1494918	40.258	ng	# 94
91) Benzo(g,h,i)perylene	17.88	276	1463446	40.023	ng	# 90

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

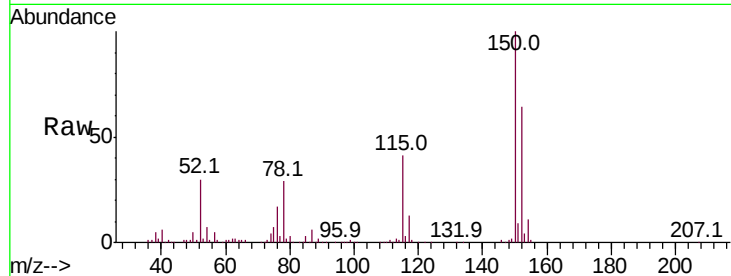


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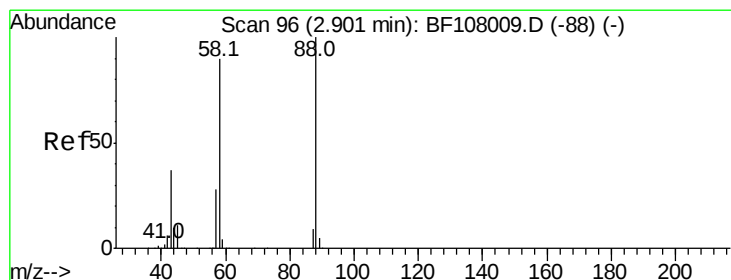
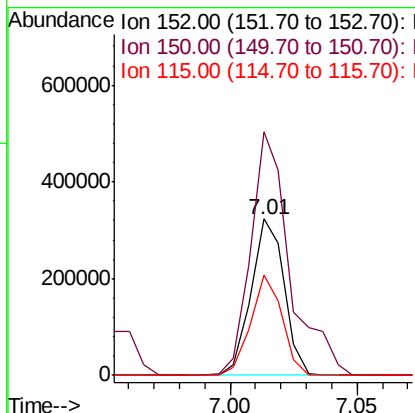
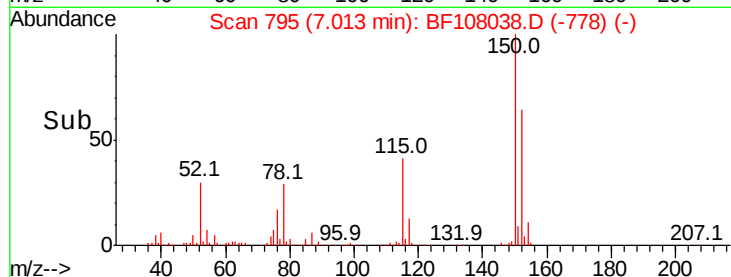
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 293689
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 63.7 50.1 75.1



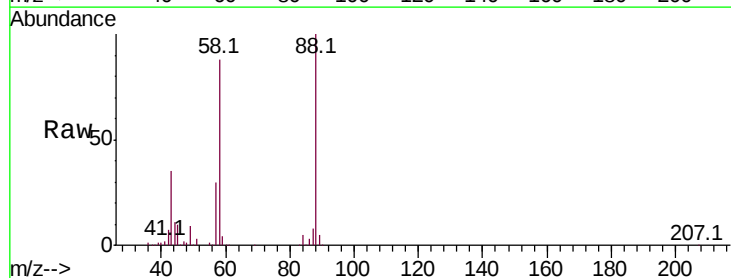
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



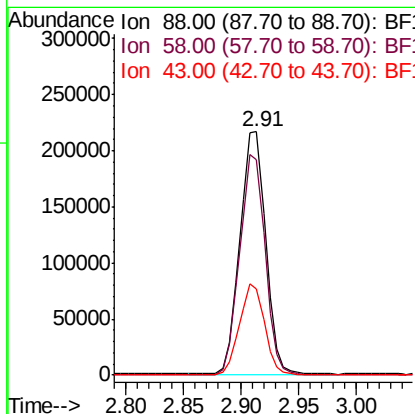
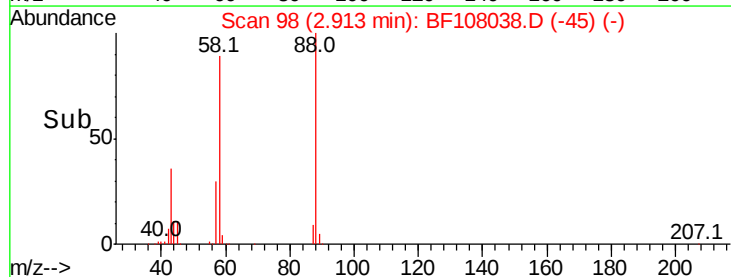
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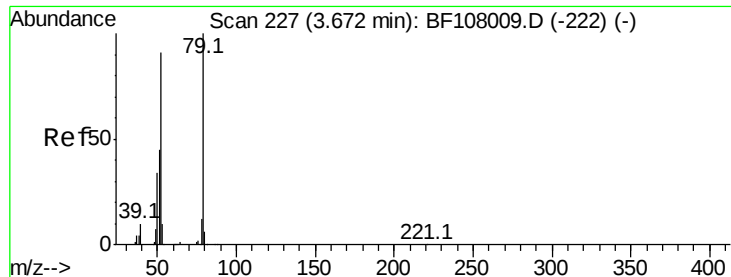
1,4-Dioxane
Concen: 40.320 ng
RT: 2.91 min Scan# 98
Delta R.T. 0.01 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion: 88 Resp: 336084
Ion Ratio Lower Upper
88 100
58 89.2 62.6 93.8
43 36.9 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: 41.072 ng

RT: 3.68 min Scan# 228

Delta R.T. 0.01 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

Instrument :

BNA_F

ClientSampleId :

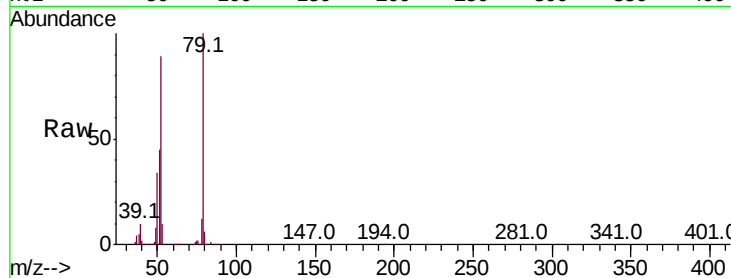
Tot Ion: 79 Resp: 881881

Ion Ratio Lower Upper

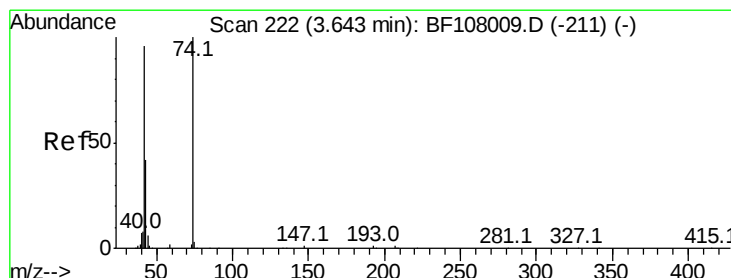
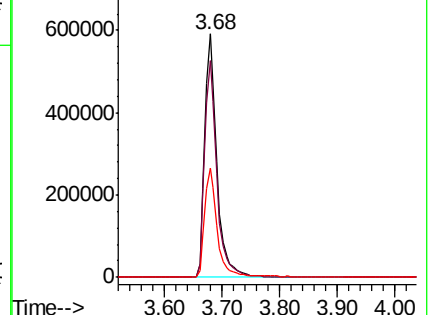
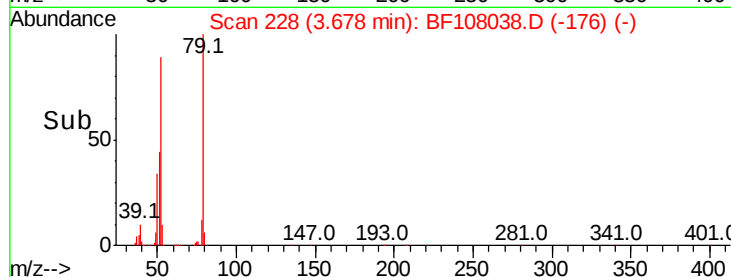
79 100

52 89.0 59.8 89.6

51 44.9 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
800000
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.654 ng

RT: 3.65 min Scan# 223

Delta R.T. 0.01 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

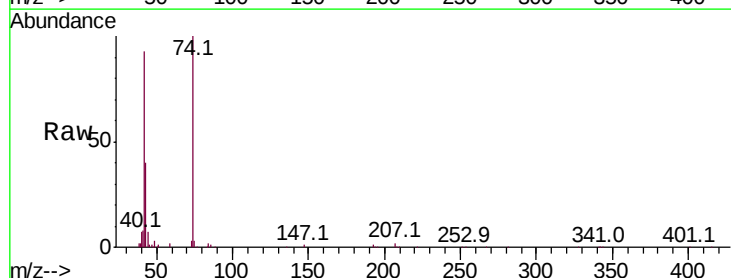
Tgt Ion: 42 Resp: 491185

Ion Ratio Lower Upper

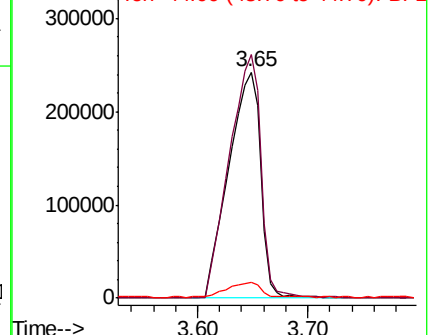
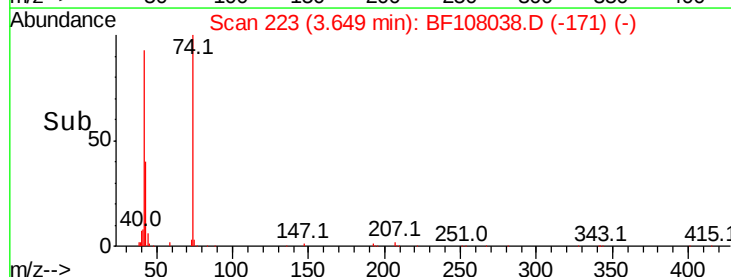
42 100

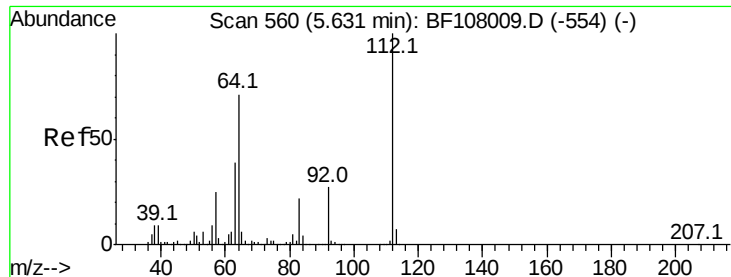
74 107.7 104.9 157.3

44 7.2 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
300000
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 80.319 ng

RT: 5.63 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

Instrument :

BNA_F

ClientSampleId :

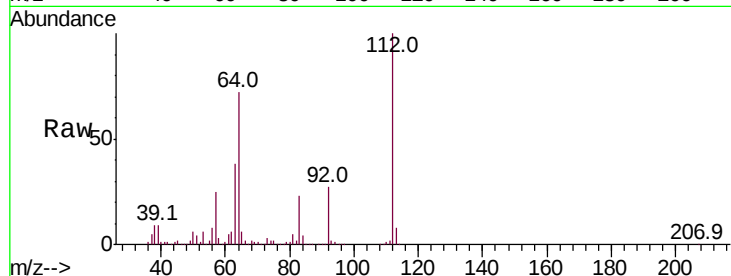
Tot Ion:112 Resp: 1302922

Ion Ratio Lower Upper

112 100

64 72.4 47.9 71.9#

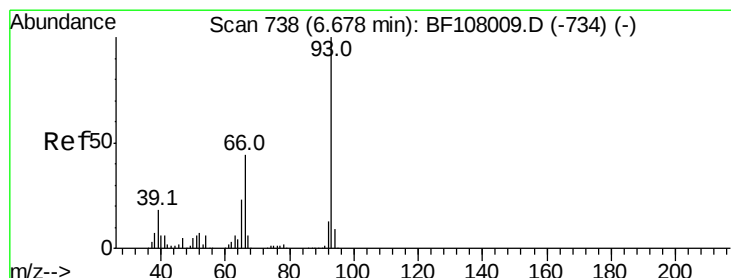
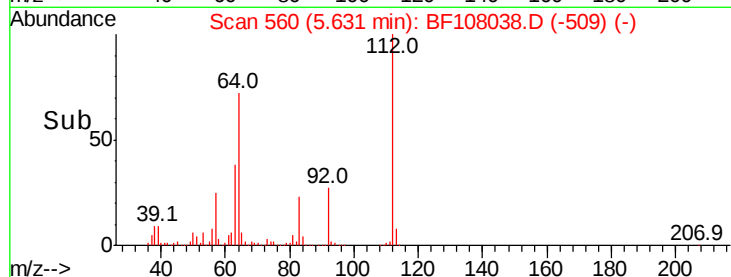
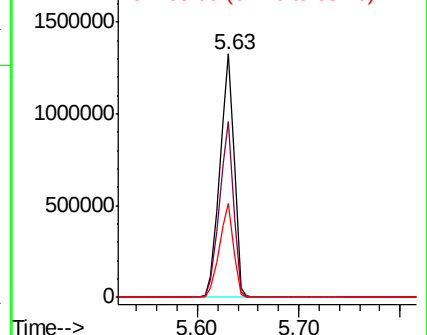
63 38.5 23.7 35.5#



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: 40.980 ng

RT: 6.68 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

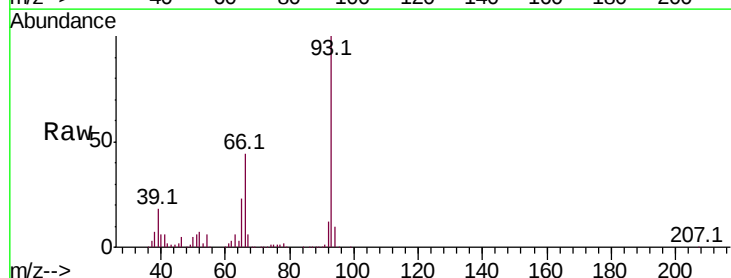
Tgt Ion: 93 Resp: 1201591

Ion Ratio Lower Upper

93 100

66 43.6 32.2 48.2

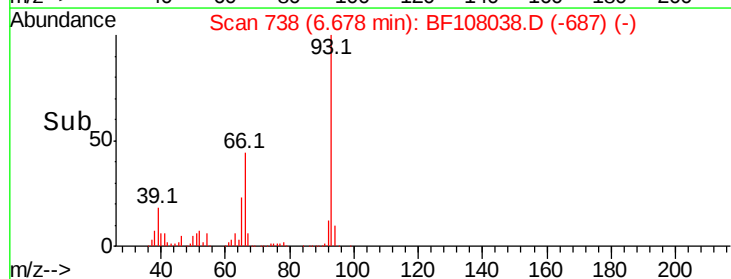
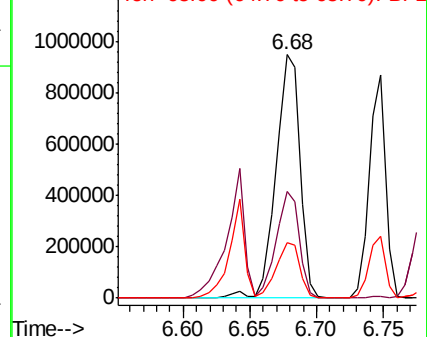
65 23.0 16.4 24.6

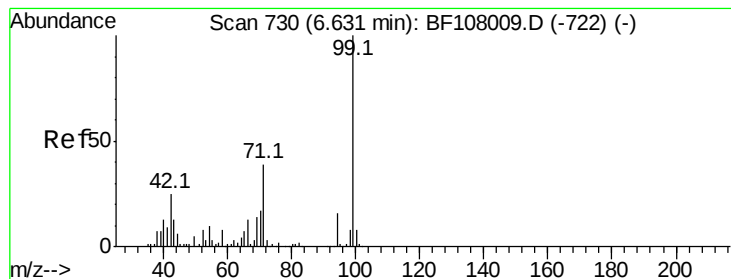


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.899 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

Instrument :

BNA_F

ClientSampleId :

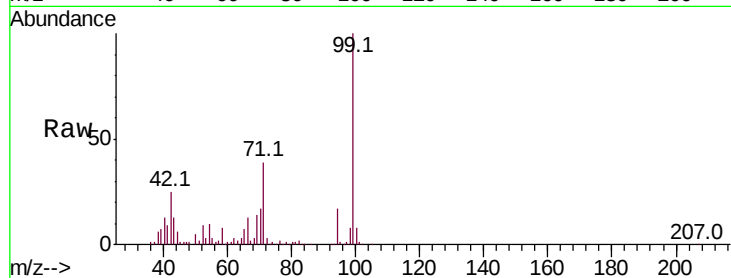
Tot Ion: 99 Resp: 1743915

Ion Ratio Lower Upper

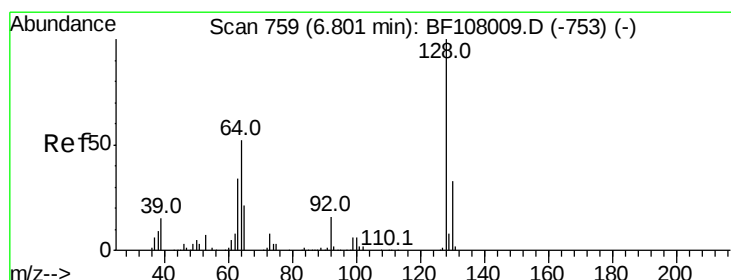
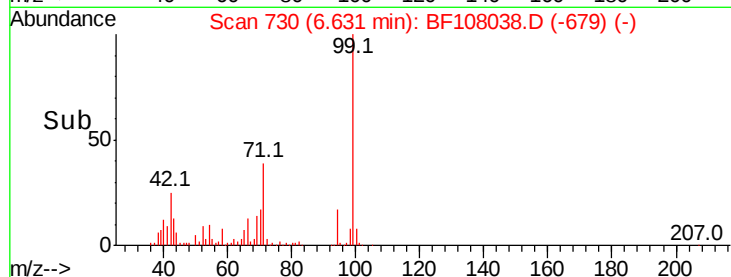
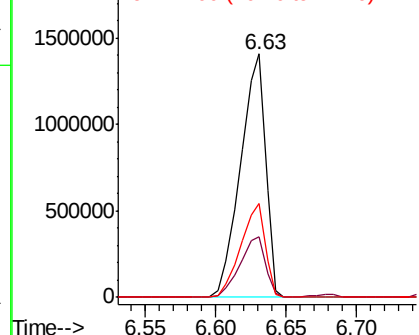
99 100

42 24.7 14.5 21.7#

71 38.7 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: 40.541 ng

RT: 6.80 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

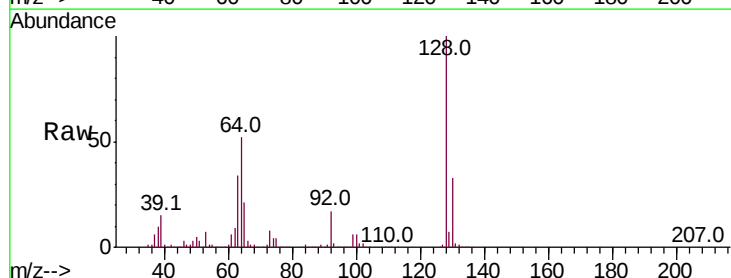
Tgt Ion:128 Resp: 740697

Ion Ratio Lower Upper

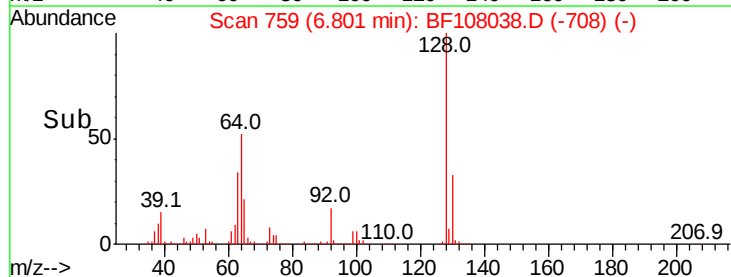
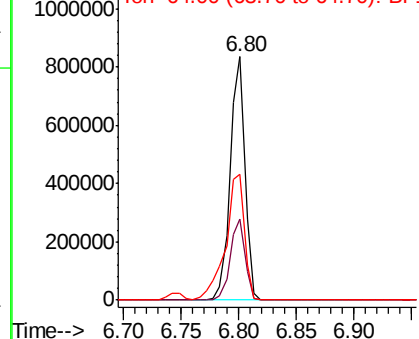
128 100

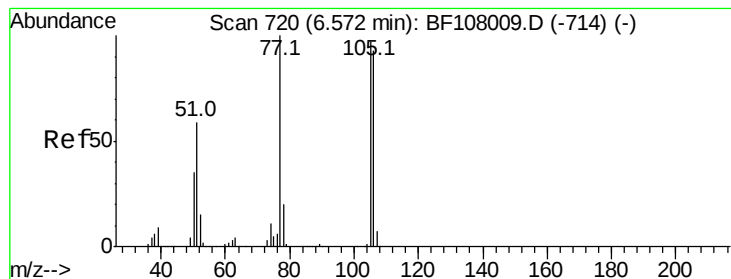
130 33.2 13.0 53.0

64 51.8 29.4 69.4



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





#9

Benzaldehyde

Concen: 39.717 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

Instrument :

BNA_F

ClientSampleId :

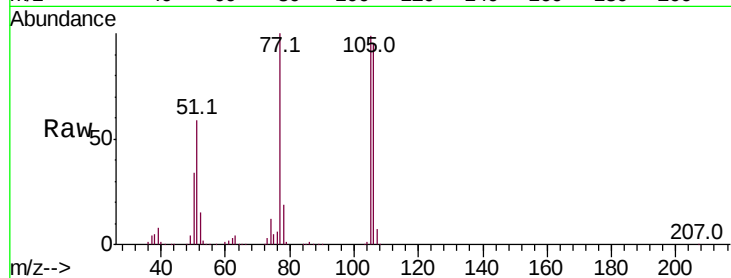
Tot Ion: 77 Resp: 663799

Ion Ratio Lower Upper

77 100

105 98.7 81.1 121.1

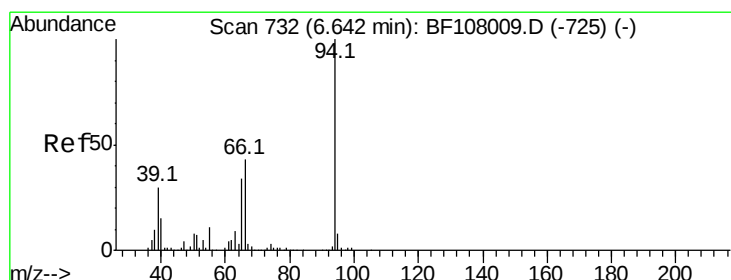
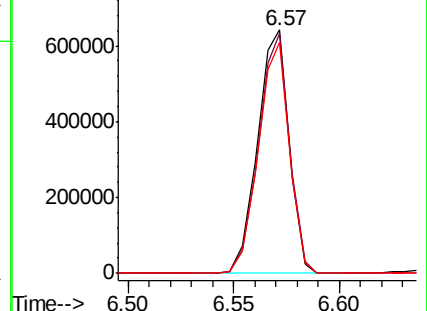
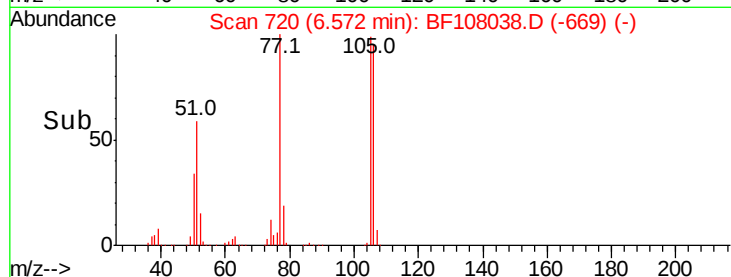
106 94.9 74.5 114.5



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: 39.853 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

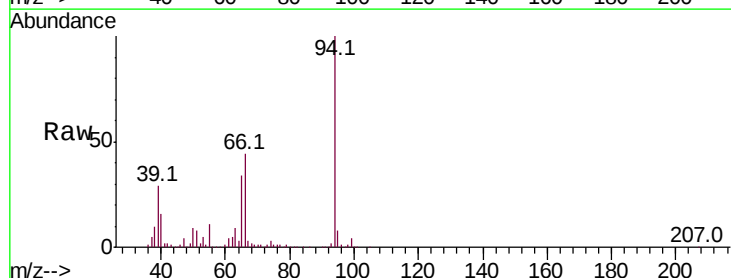
Tgt Ion: 94 Resp: 888647

Ion Ratio Lower Upper

94 100

65 33.6 7.9 47.9

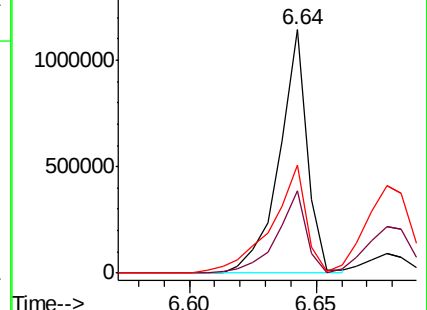
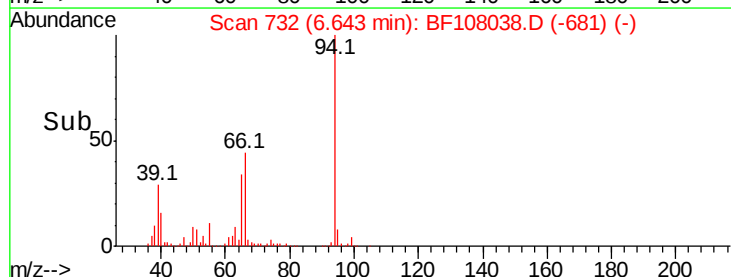
66 44.2 16.2 56.2

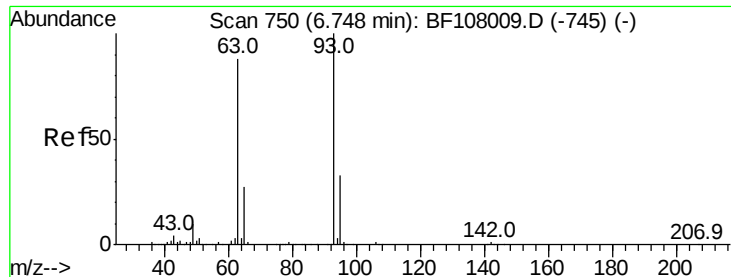


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.953 ng

RT: 6.75 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

Instrument :

BNA_F

ClientSampled :

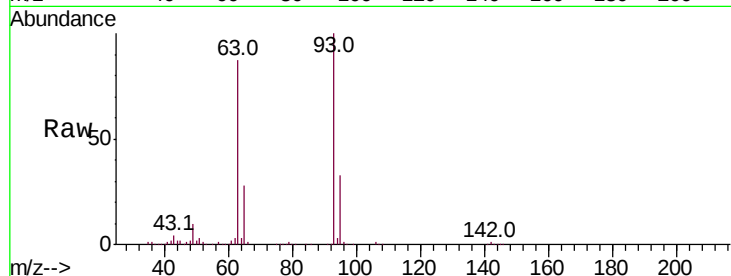
Tot Ion: 93 Resp: 720222

Ion Ratio Lower Upper

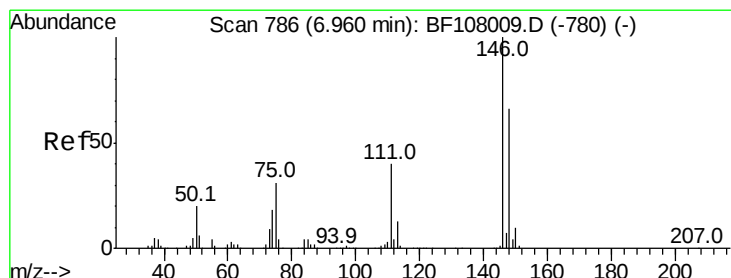
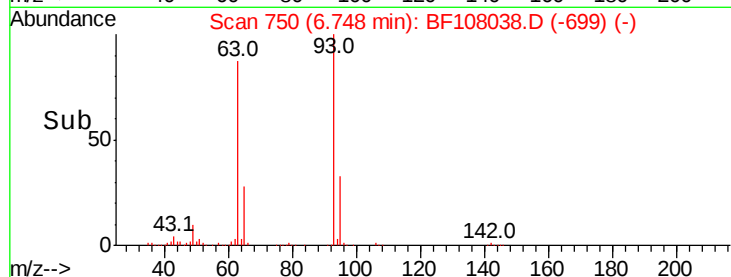
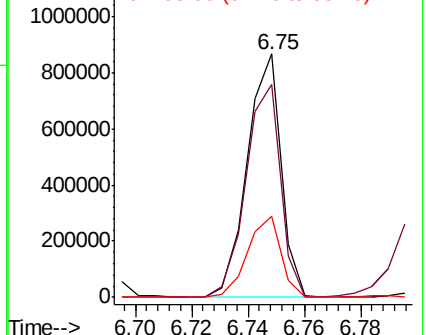
93 100

63 87.3 58.6 98.6

95 33.3 11.8 51.8



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



#12

1,3-Dichlorobenzene

Concen: 40.045 ng

RT: 6.95 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

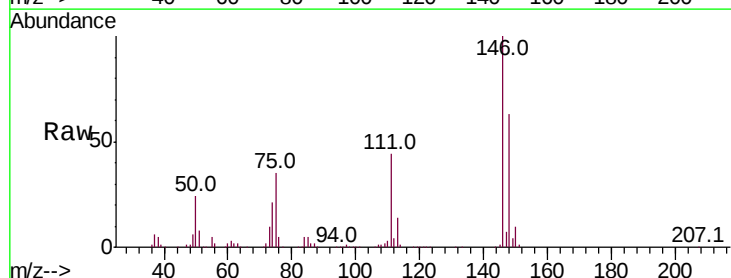
Tgt Ion: 146 Resp: 845953

Ion Ratio Lower Upper

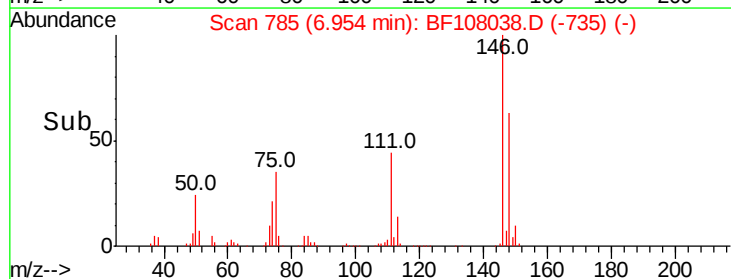
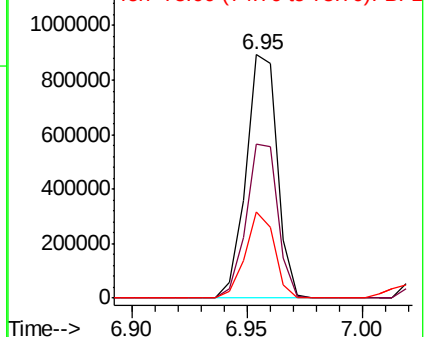
146 100

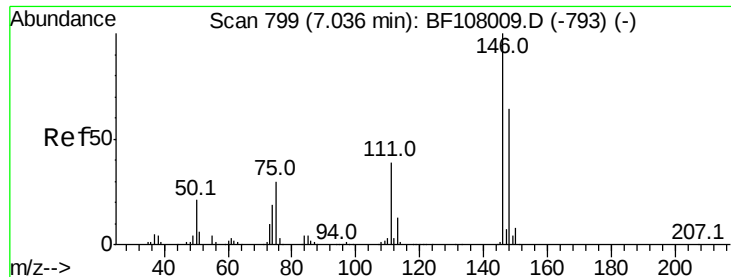
148 63.2 51.8 77.8

75 35.5 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

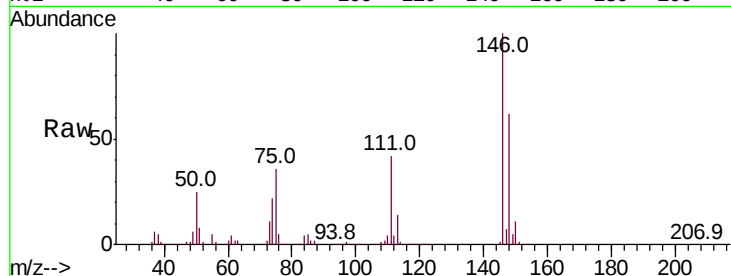




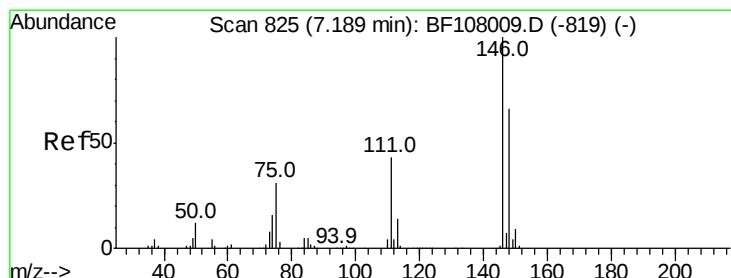
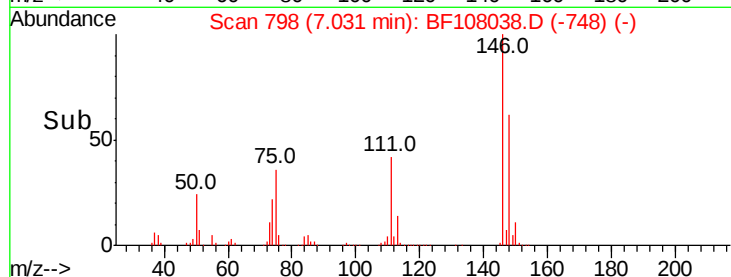
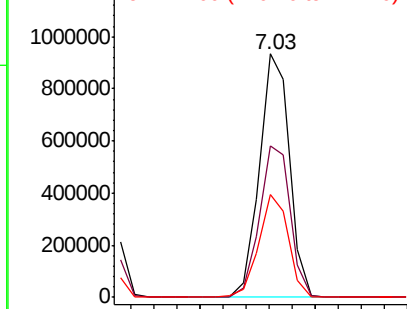
#13
1,4-Dichlorobenzene
Concen: 39.803 ng
RT: 7.03 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:146 Resp: 844814
Ion Ratio Lower Upper
146 100
148 62.1 50.8 76.2
111 42.0 34.2 51.2

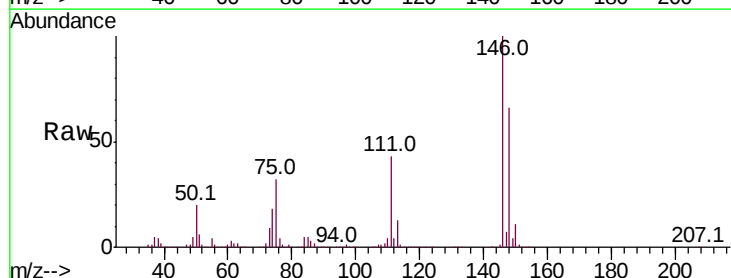


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

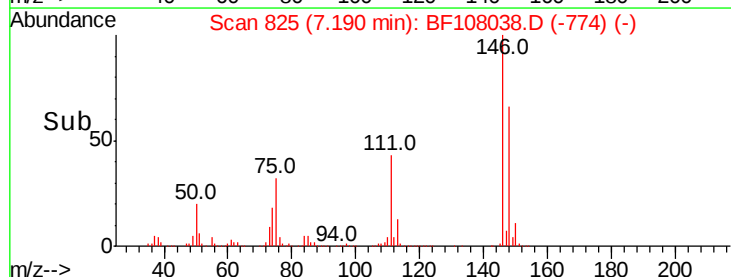
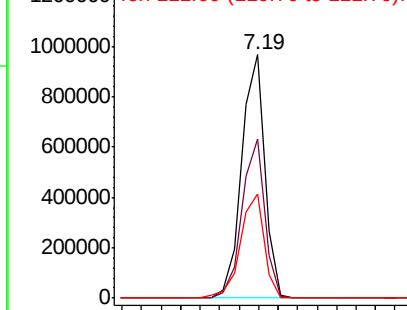


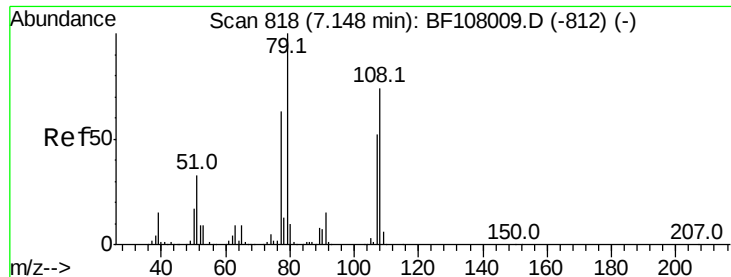
#14
1,2-Dichlorobenzene
Concen: 40.121 ng
RT: 7.19 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion:146 Resp: 792094
Ion Ratio Lower Upper
146 100
148 65.5 50.6 75.8
111 42.9 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: 40.568 ng

RT: 7.15 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

Instrument :

BNA_F

ClientSampled :

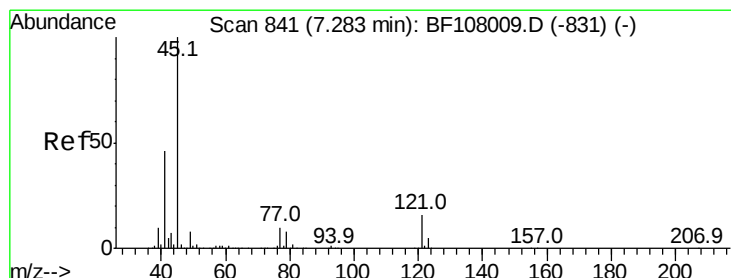
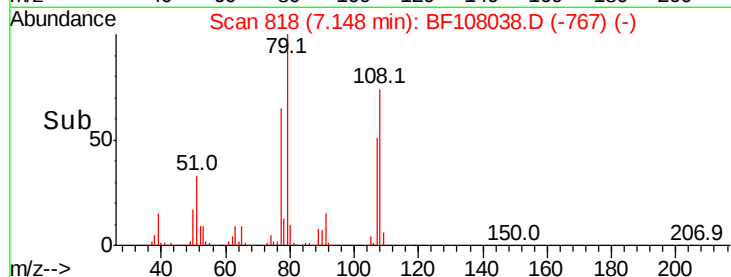
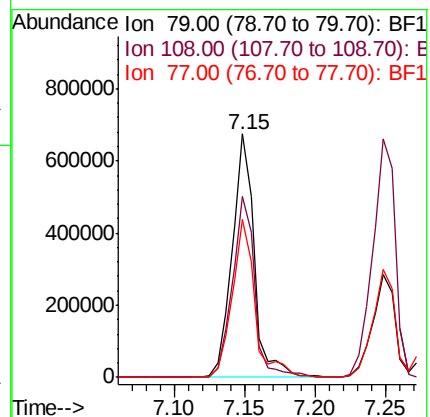
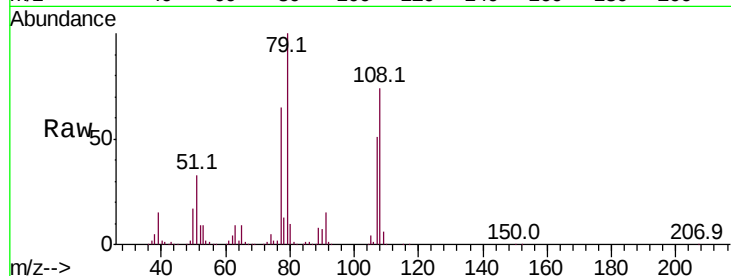
Tot Ion: 79 Resp: 736195

Ion Ratio Lower Upper

79 100

108 74.2 65.1 97.7

77 64.6 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.465 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

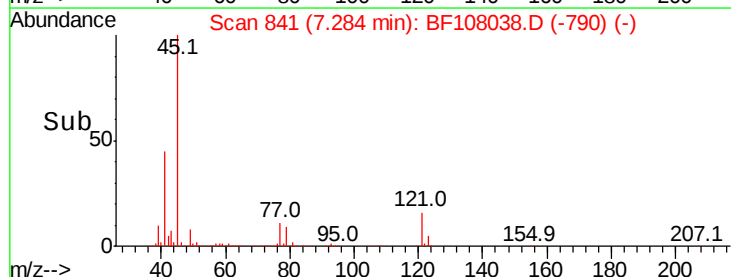
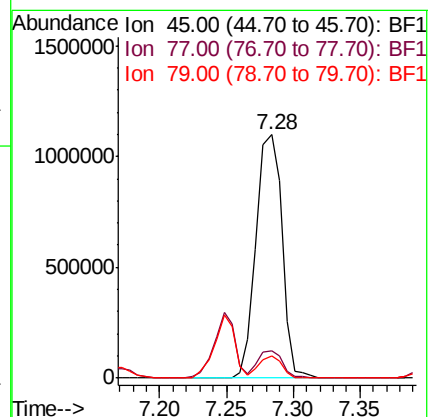
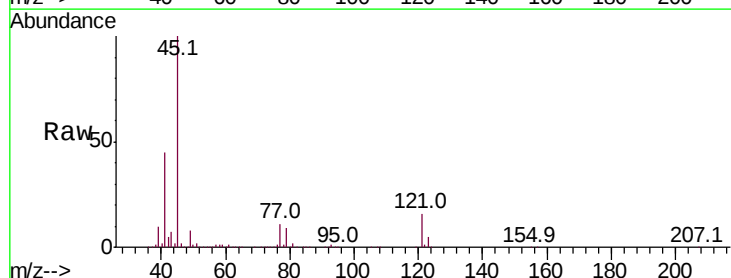
Tgt Ion: 45 Resp: 1465591

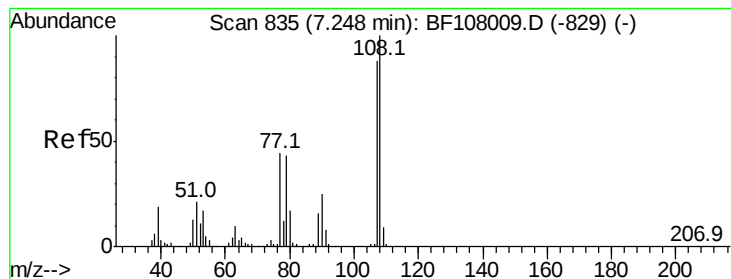
Ion Ratio Lower Upper

45 100

77 11.2 0.0 32.9

79 8.9 0.0 29.6

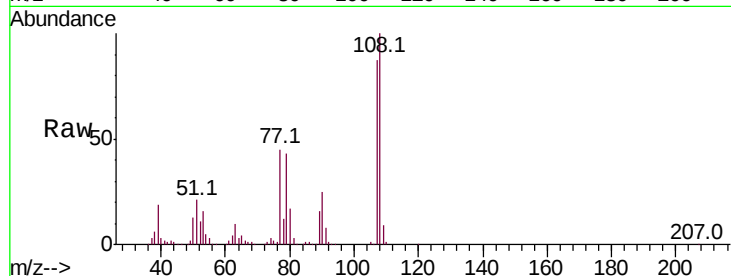




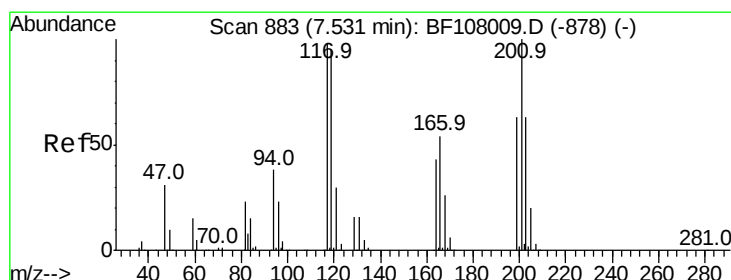
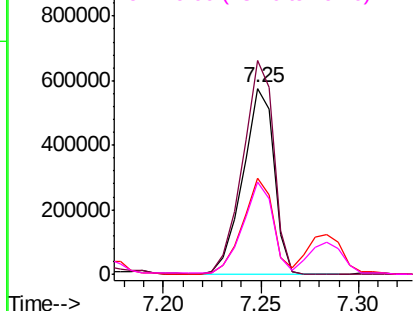
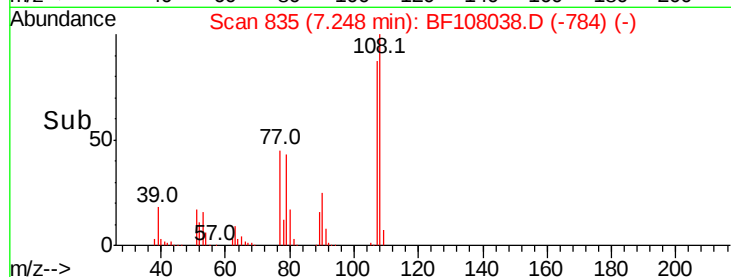
#17
2-Methylphenol
Concen: 40.632 ng
RT: 7.25 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	636607
Ion	Ratio	Lower	Upper
107	100		
108	114.7	91.7	137.5
77	51.8	33.8	50.8#
79	49.7	33.8	50.8

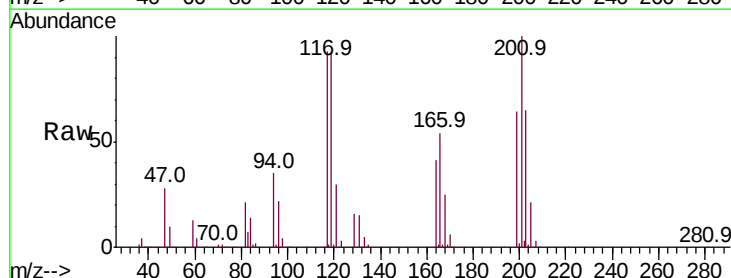


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

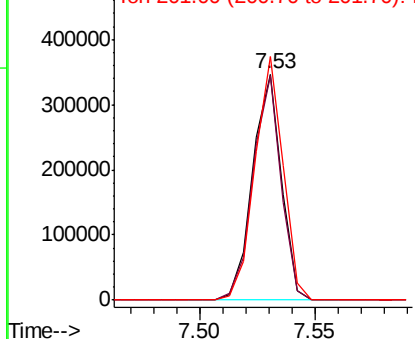
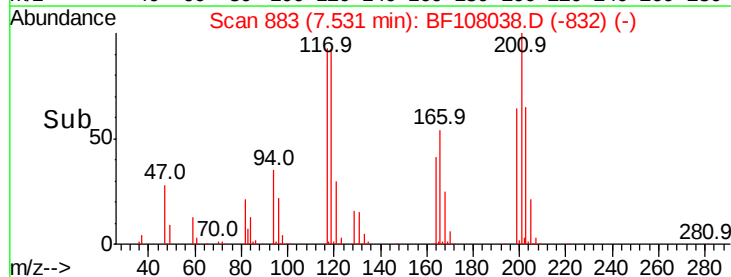


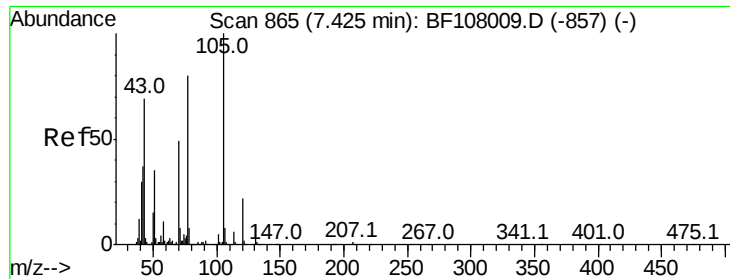
#18
Hexachloroethane
Concen: 40.049 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion:	117	Resp:	302625
Ion	Ratio	Lower	Upper
117	100		
119	99.4	75.8	113.8
201	107.8	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

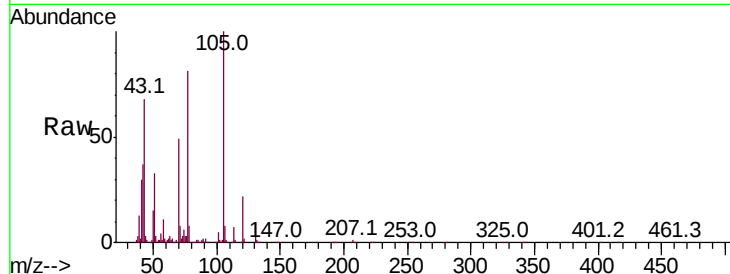




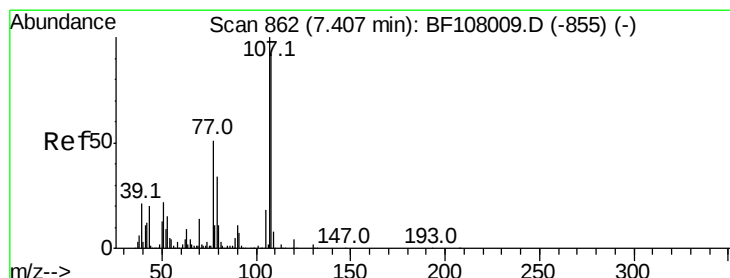
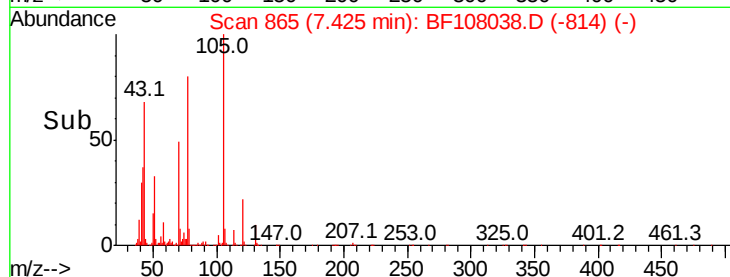
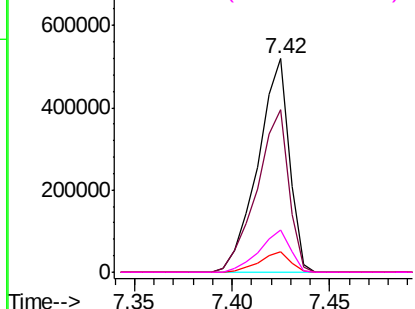
#19
n-Nitroso-di-n-propylamine
Concen: 39.775 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	579811
Ion	Ratio	Lower	Upper
70	100		
42	75.9	47.5	71.3#
101	9.7	7.4	11.2
130	19.8	16.6	25.0

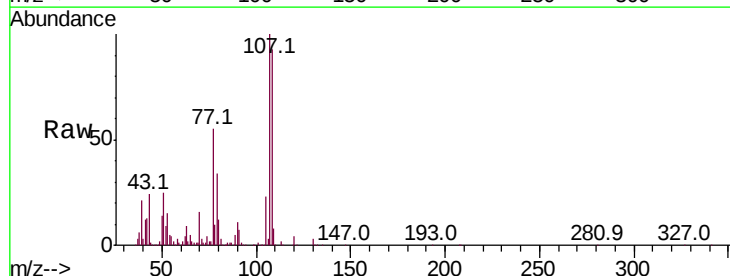


Abundance Ion 70.00 (69.70 to 70.70): BF1
800000
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

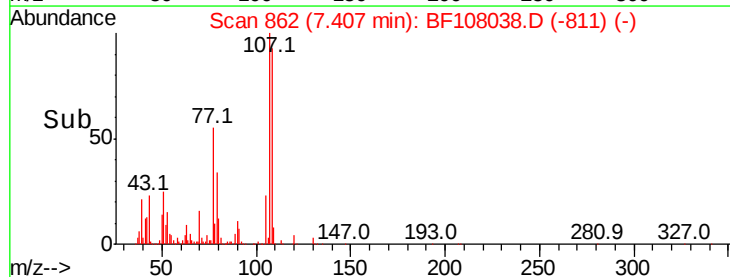
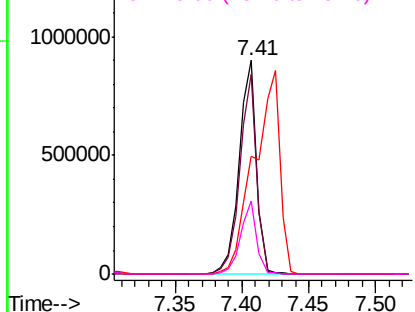


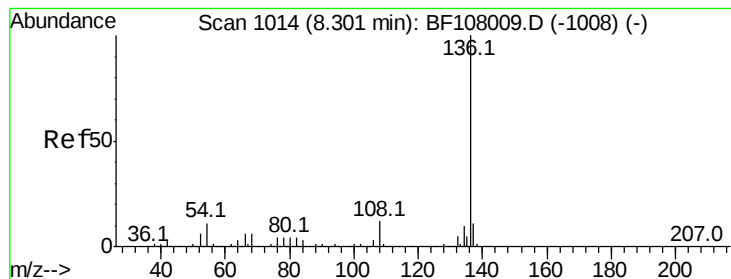
#20
3+4-Methylphenols
Concen: 40.680 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion:	107	Resp:	816759
Ion	Ratio	Lower	Upper
107	100		
108	93.5	68.2	108.2
77	55.2	26.7	66.7
79	34.0	6.3	46.3



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

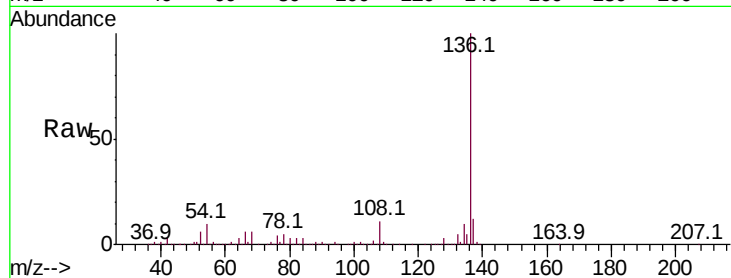




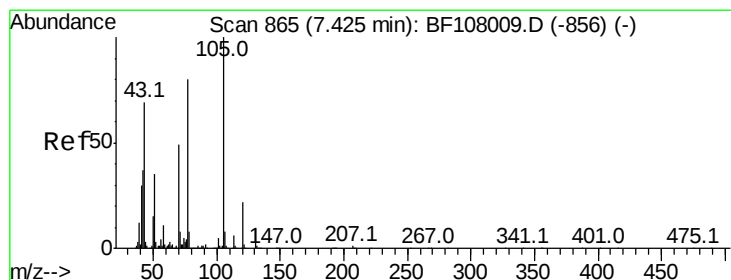
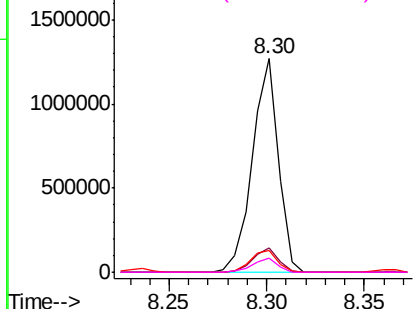
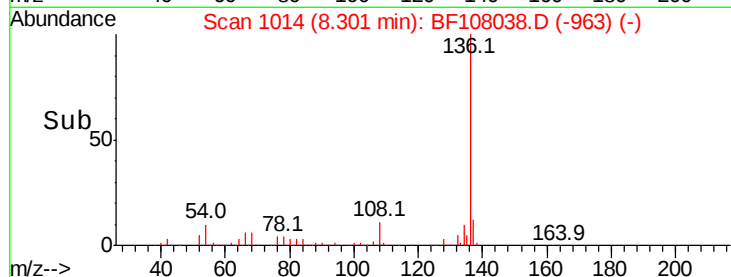
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	1162220
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	10.1	6.6	9.8#
68	6.4	5.0	7.4

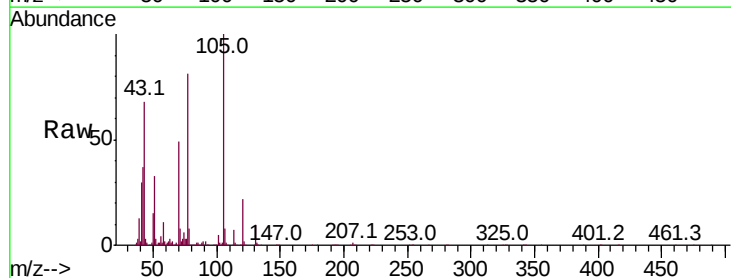


Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

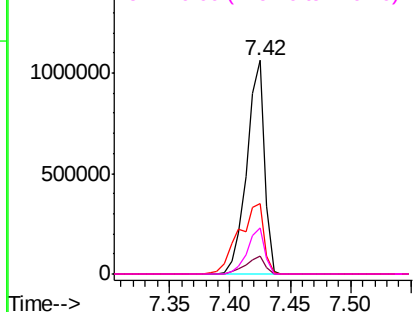
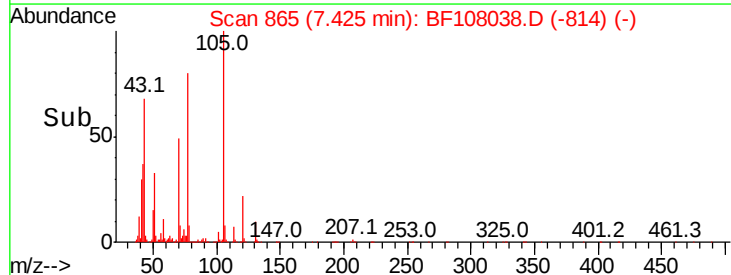


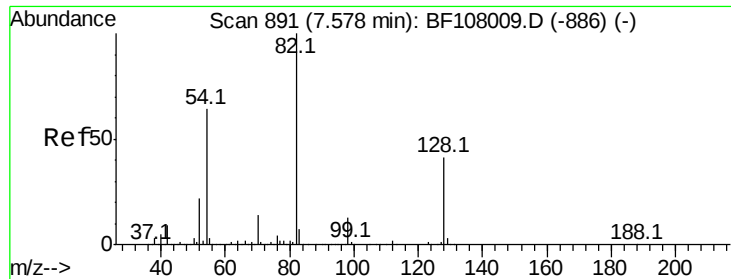
#22
Acetophenone
Concen: 40.015 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion:	105	Resp:	1087436
Ion	Ratio	Lower	Upper
105	100		
71	8.2	4.4	6.6#
51	33.3	22.3	33.5
120	21.8	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
1500000
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

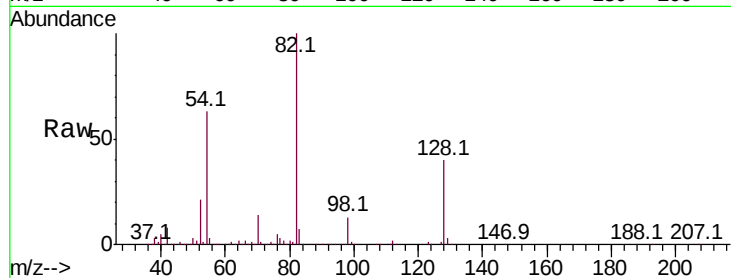




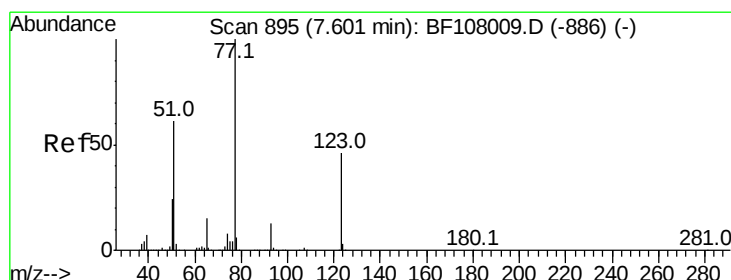
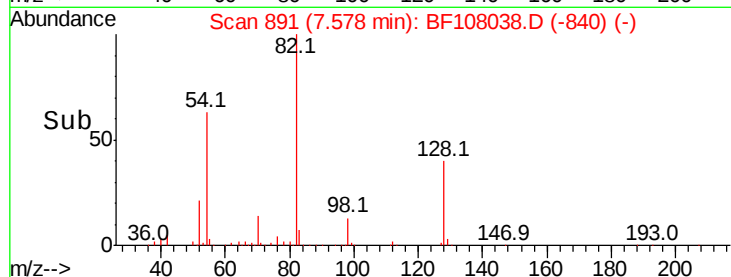
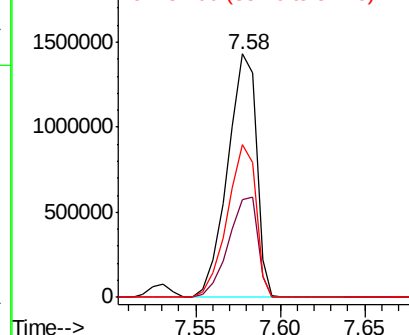
#23
 Nitrobenzene-d5
 Concen: 81.638 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1700336
 Ion Ratio Lower Upper
 82 100
 128 40.1 36.1 54.1
 54 62.7 41.4 62.2#

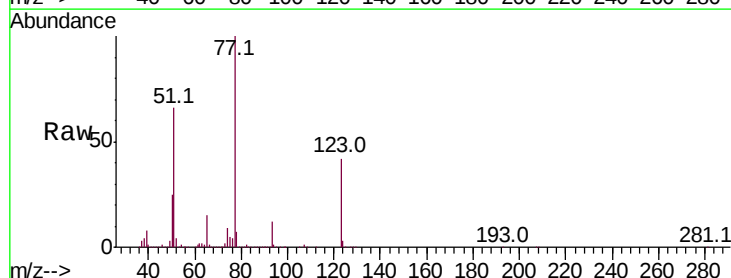


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

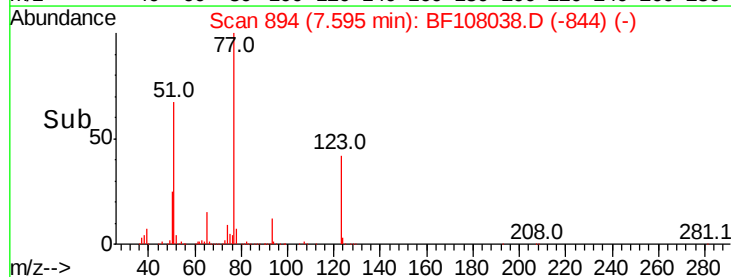
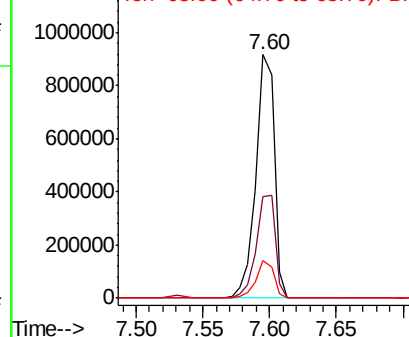


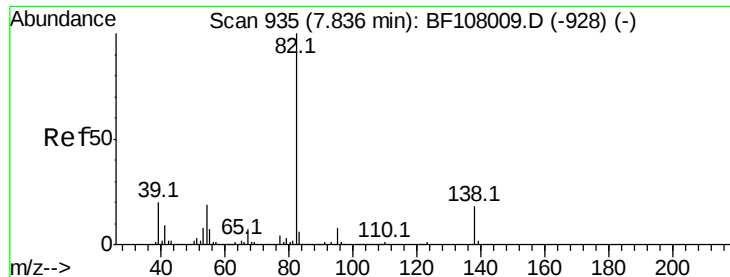
#24
 Nitrobenzene
 Concen: 41.074 ng
 RT: 7.60 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Tgt Ion: 77 Resp: 865067
 Ion Ratio Lower Upper
 77 100
 123 41.7 37.9 56.9
 65 15.2 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: 39.728 ng

RT: 7.84 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

Instrument :

BNA_F

ClientSampleId :

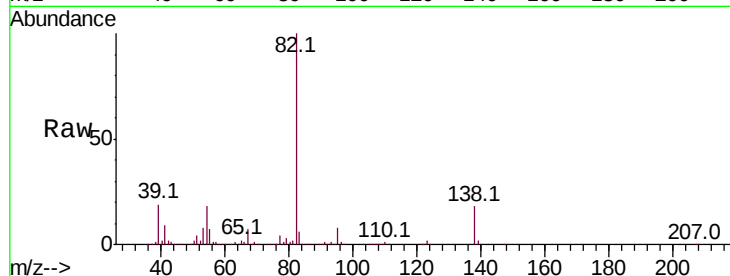
Tot Ion: 82 Resp: 1577131

Ion Ratio Lower Upper

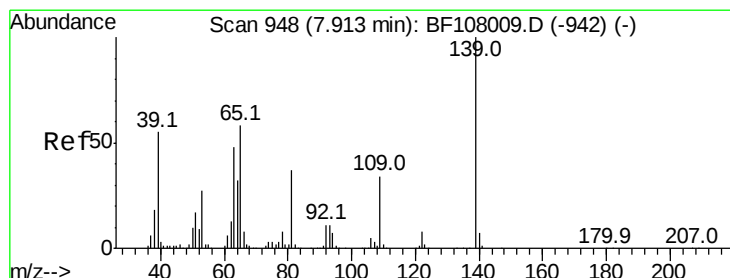
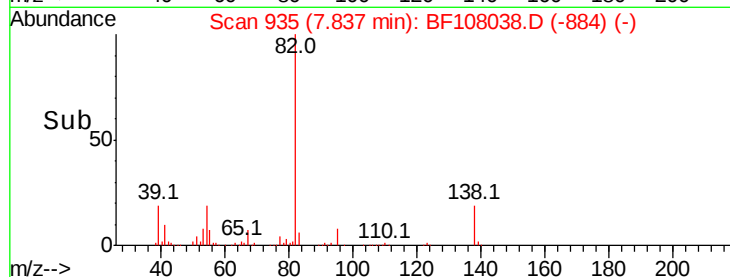
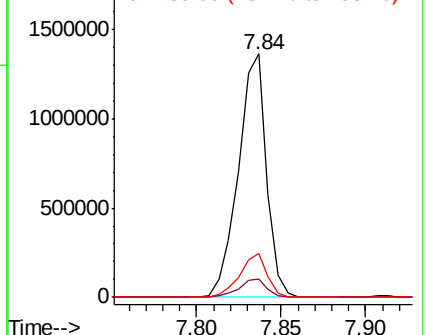
82 100

95 7.5 5.2 7.8

138 18.1 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: 41.457 ng

RT: 7.91 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

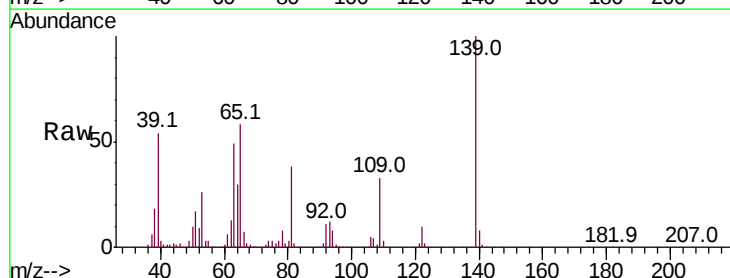
Tgt Ion:139 Resp: 329736

Ion Ratio Lower Upper

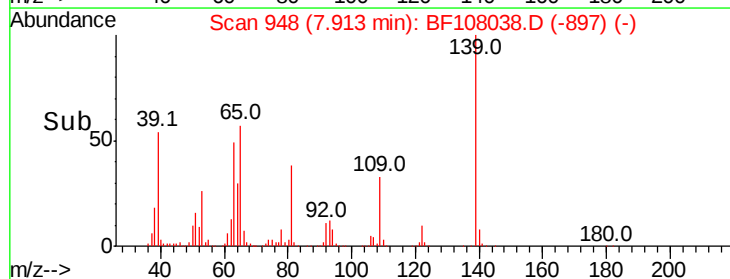
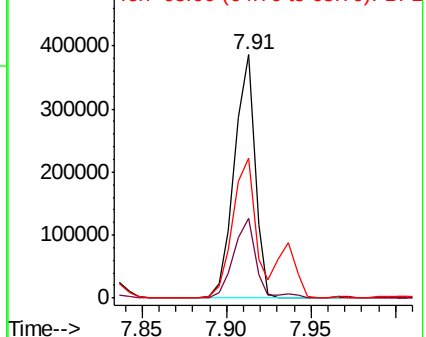
139 100

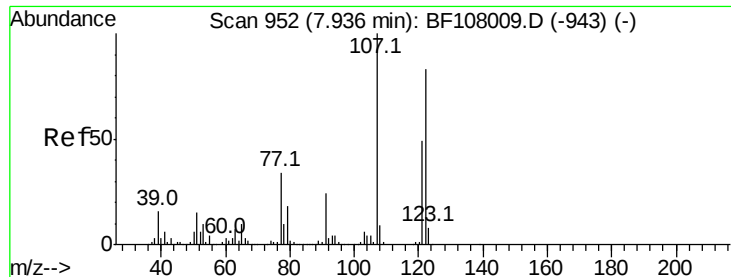
109 32.8 22.7 34.1

65 57.5 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



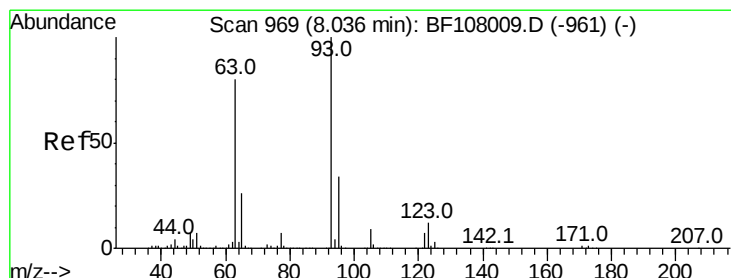
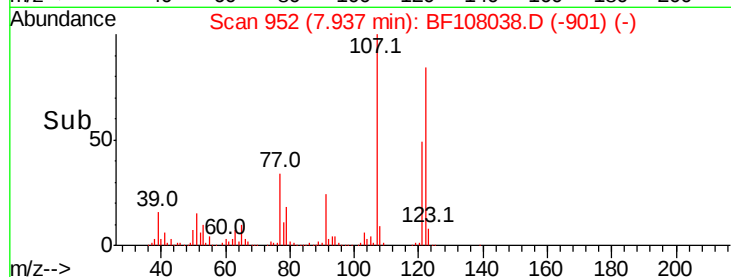
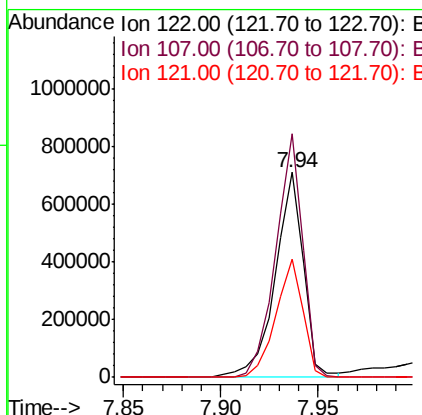
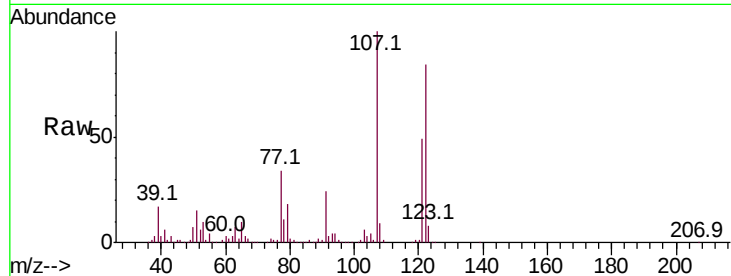


#27
 2,4-Dimethylphenol
 Concen: 40.462 ng
 RT: 7.94 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 712913

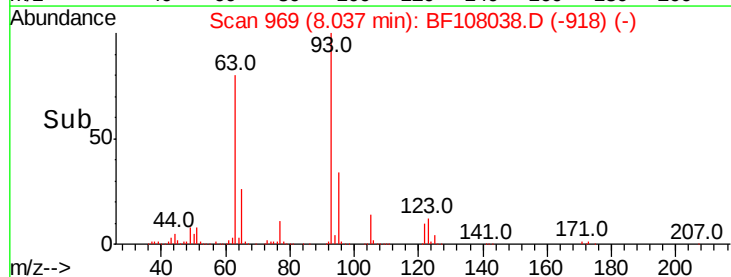
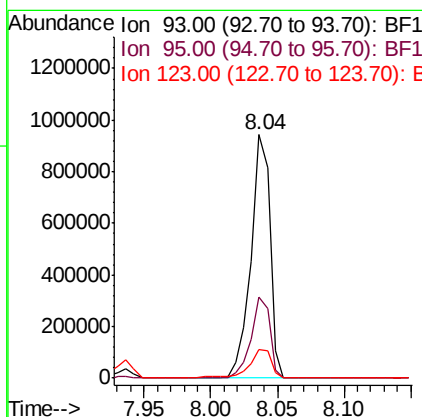
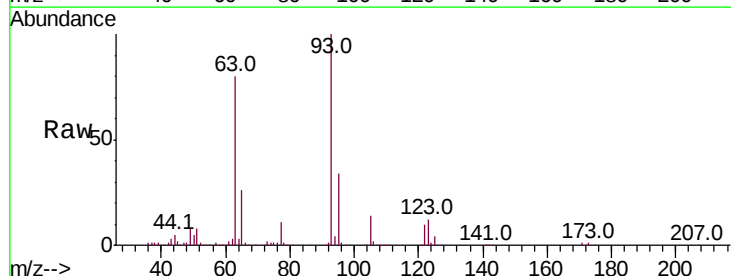
Ion	Ratio	Lower	Upper
122	100		
107	118.7	91.2	136.8
121	57.7	47.2	70.8

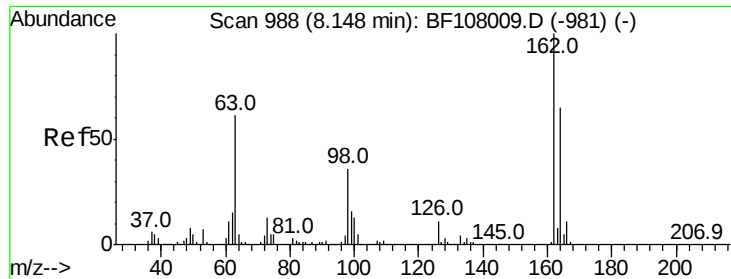


#28
 bis(2-Chloroethoxy)methane
 Concen: 39.402 ng
 RT: 8.04 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Tgt Ion: 93 Resp: 913136

Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.3	39.5
123	11.7	9.8	14.6

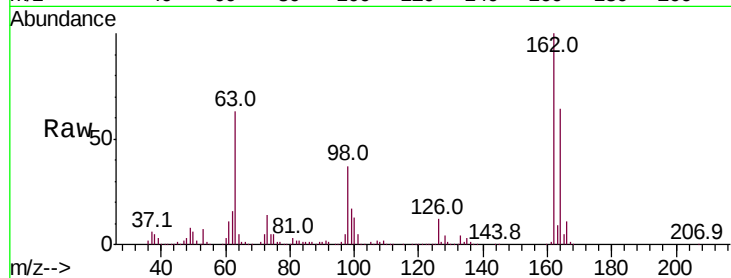




#29
2,4-Dichlorophenol
Concen: 41.075 ng
RT: 8.15 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.7	82.7
98	37.4	18.1	58.1

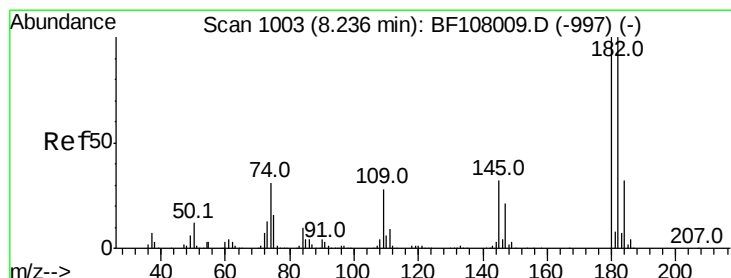
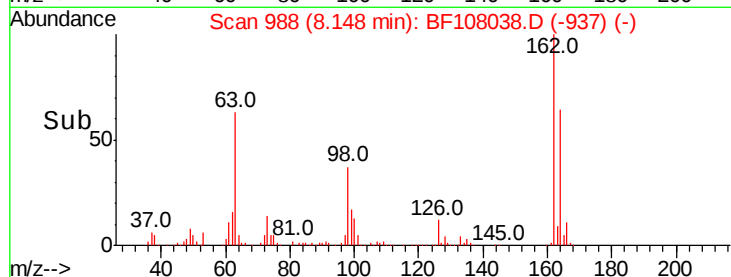
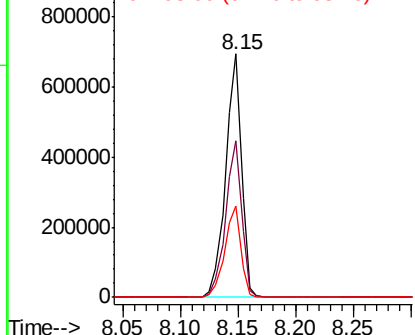


Abundance

Ion 162.00 (161.70 to 162.70): E

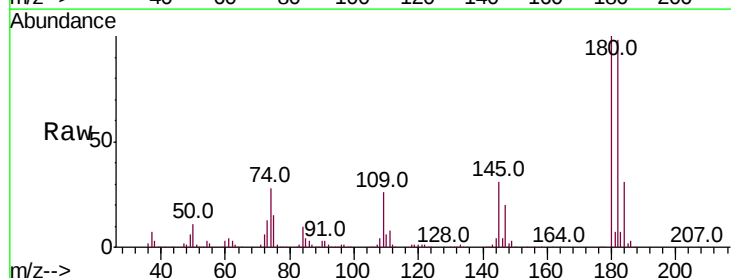
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.909 ng
RT: 8.24 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	76.8	115.2
145	31.2	26.5	39.7

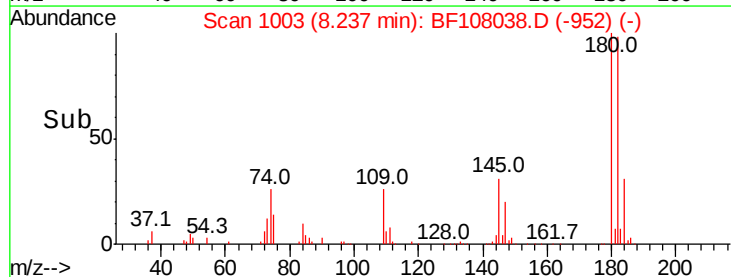
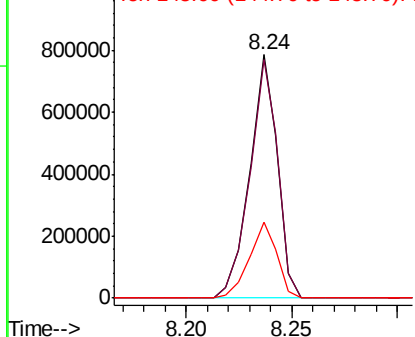


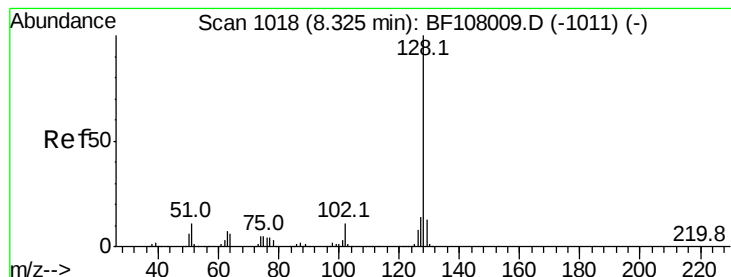
Abundance

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: 39.537 ng

RT: 8.32 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

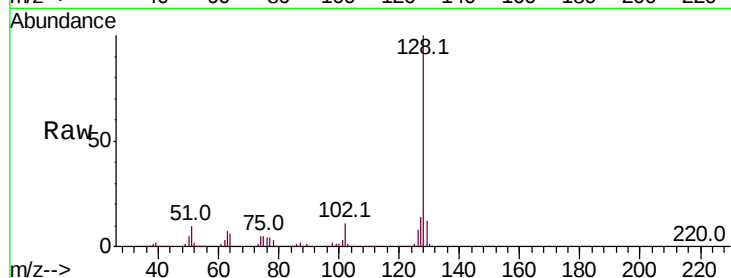
Instrument :

BNA_F

ClientSampled :

Tot Ion:128 Resp: 2089722

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.8	13.2
127	14.4	10.9	16.3

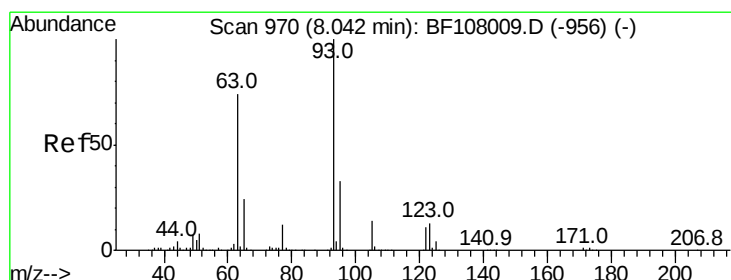
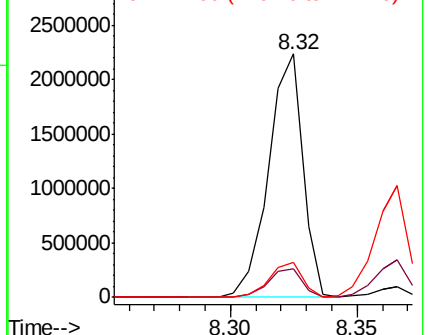
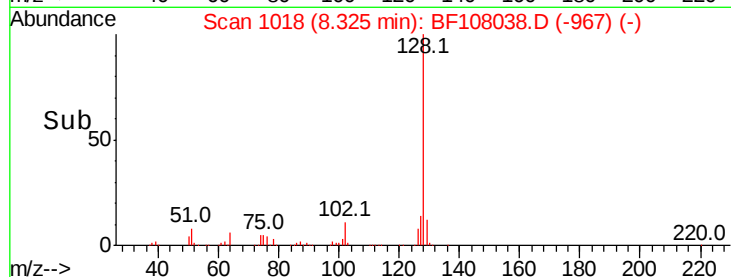


Abundance

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: 37.885 ng

RT: 8.04 min Scan# 970

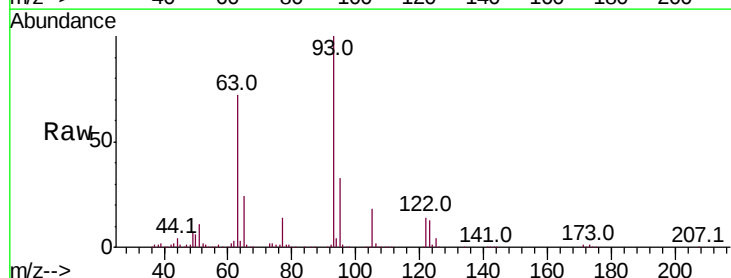
Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

Tgt Ion:122 Resp: 372647

Ion	Ratio	Lower	Upper
122	100		
105	129.9	101.1	141.1
77	102.5	70.7	110.7

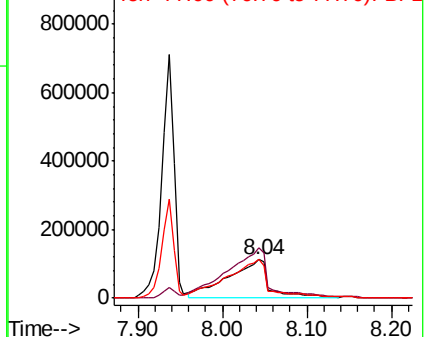
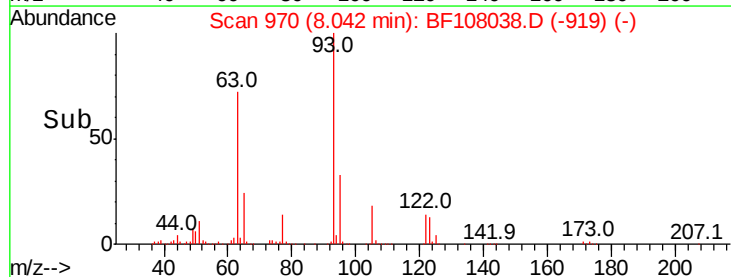


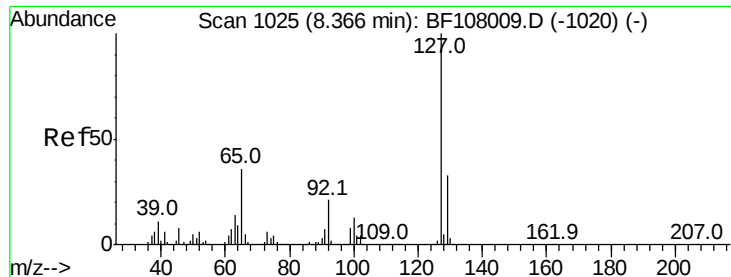
Abundance

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

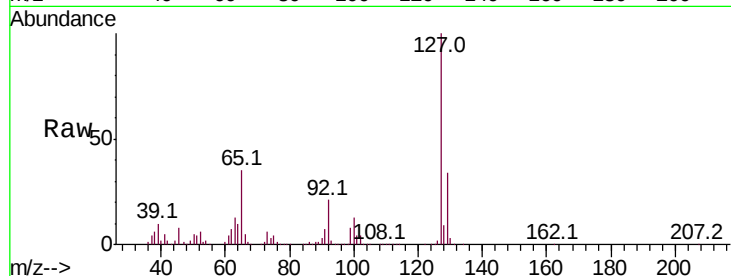




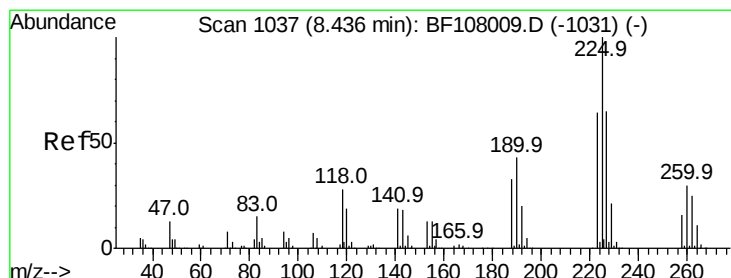
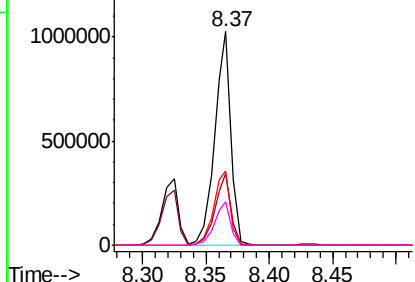
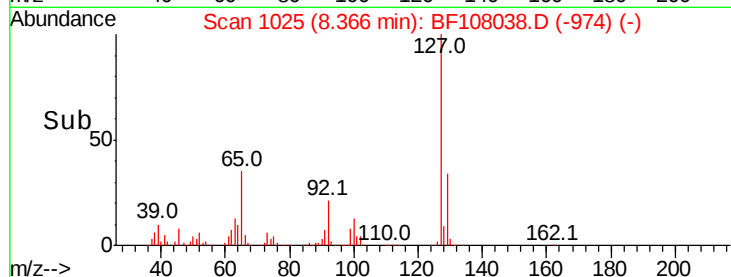
#33
4-Chloroaniline
Concen: 40.049 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	922491
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.9	38.9
65	34.7	25.0	37.4
92	20.7	15.2	22.8

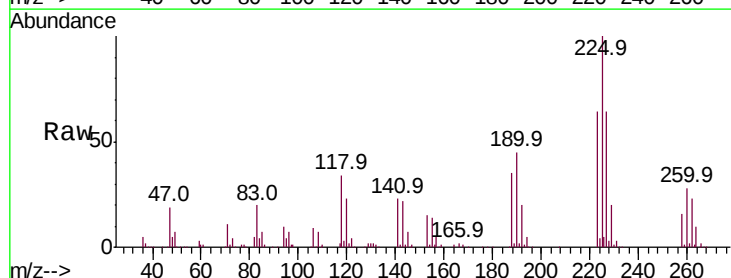


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

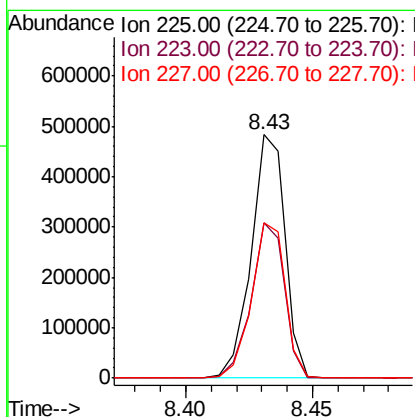
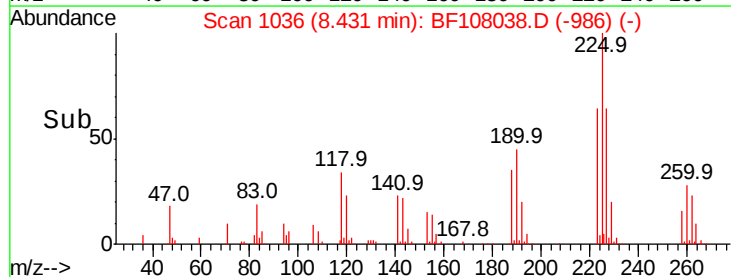


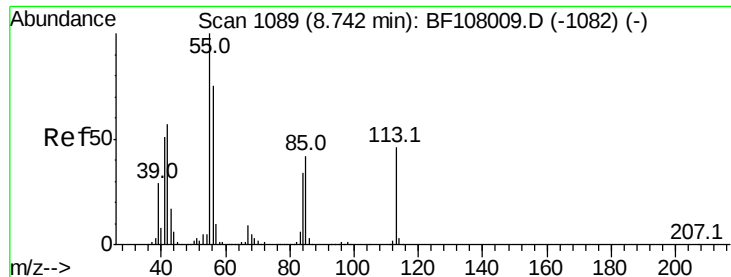
#34
Hexachlorobutadiene
Concen: 39.776 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion:	225	Resp:	450145
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	63.8	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

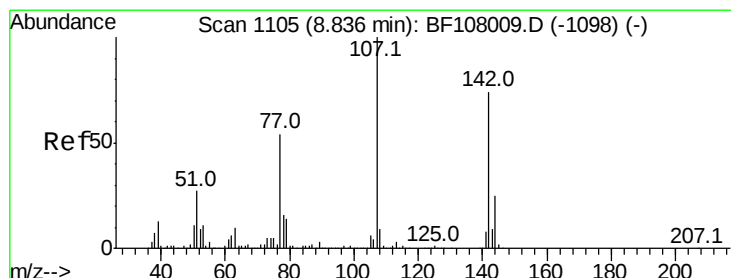
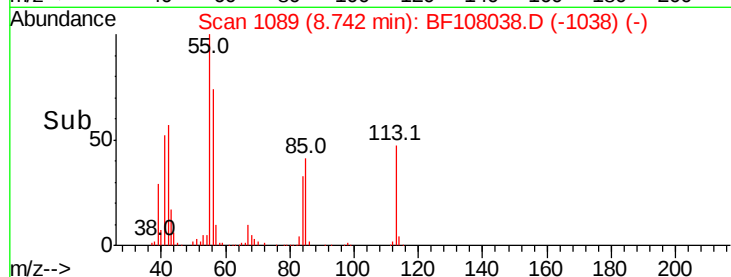
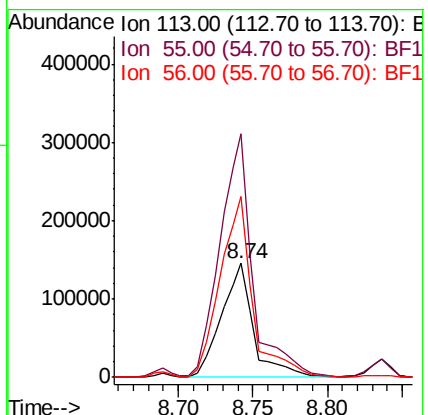
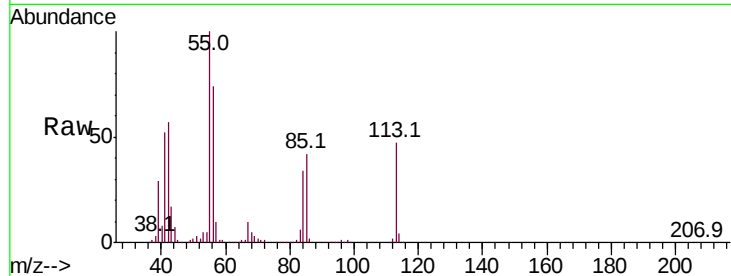




#35
 Caprolactam
 Concen: 43.046 ng
 RT: 8.74 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

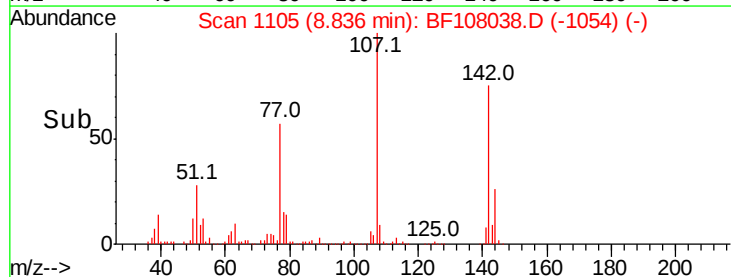
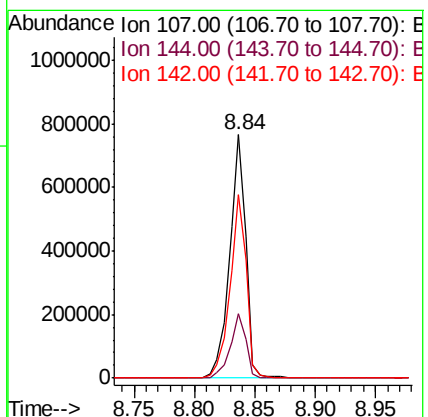
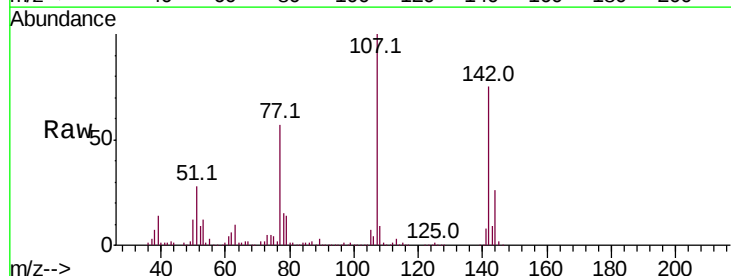
Instrument :
 BNA_F
 ClientSampleId :

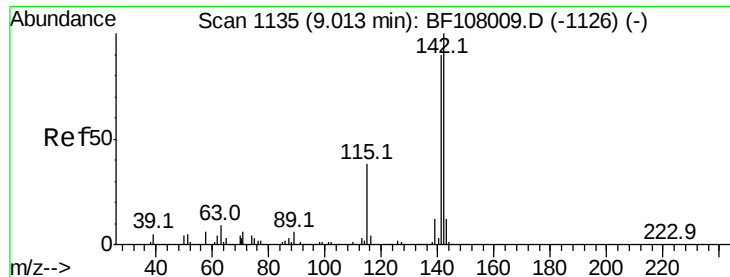
Tot Ion:113 Resp: 218726
 Ion Ratio Lower Upper
 113 100
 55 213.5 163.3 203.3#
 56 158.7 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 40.728 ng
 RT: 8.84 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Tgt Ion:107 Resp: 712414
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.5 30.7
 142 75.1 62.0 93.0

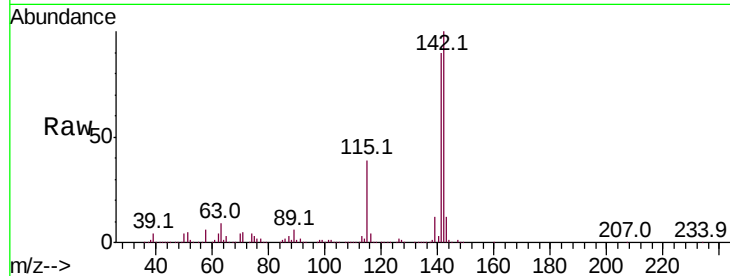




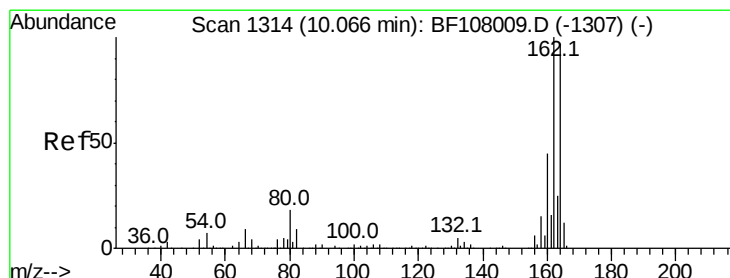
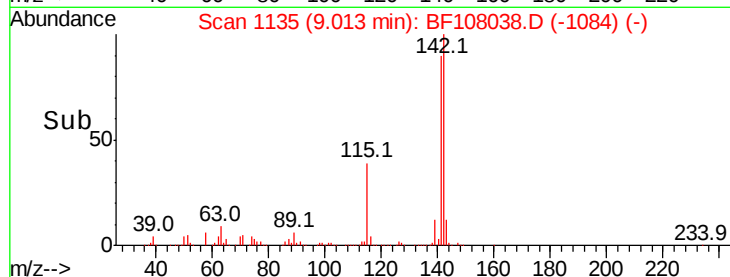
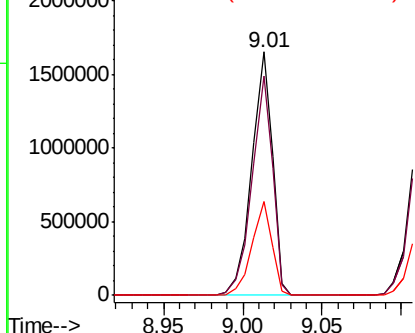
#37
2-Methylnaphthalene
Concen: 40.042 ng
RT: 9.01 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1497384
Ion Ratio Lower Upper
142 100
141 90.1 70.8 106.2
115 38.6 26.1 39.1

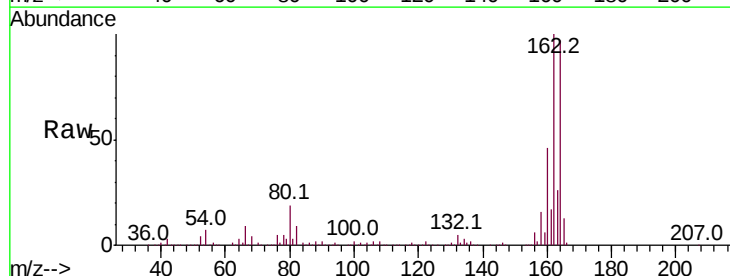


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

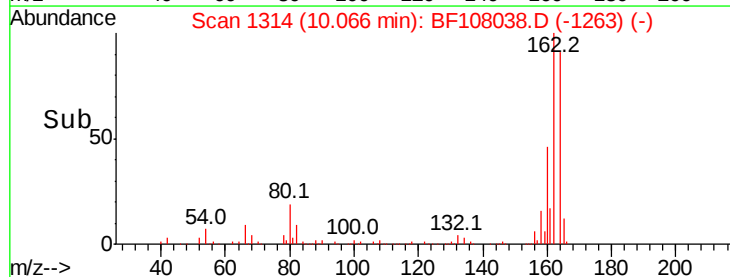
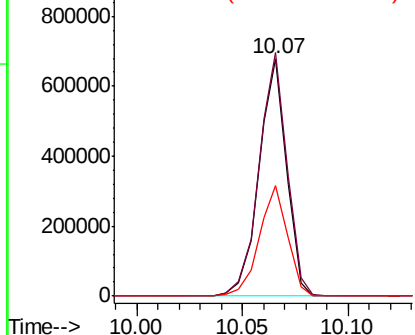


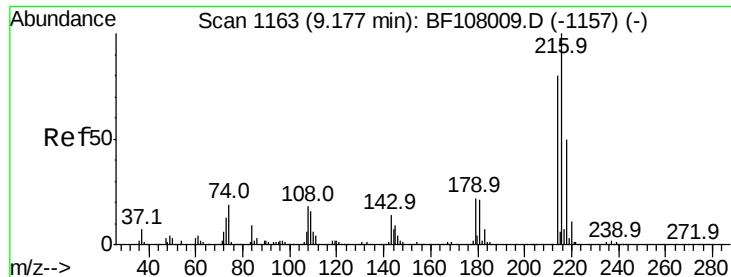
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion:164 Resp: 615505
Ion Ratio Lower Upper
164 100
162 102.6 86.1 129.1
160 46.7 38.3 57.5



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

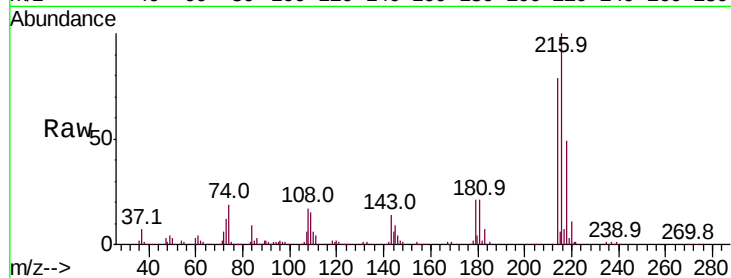




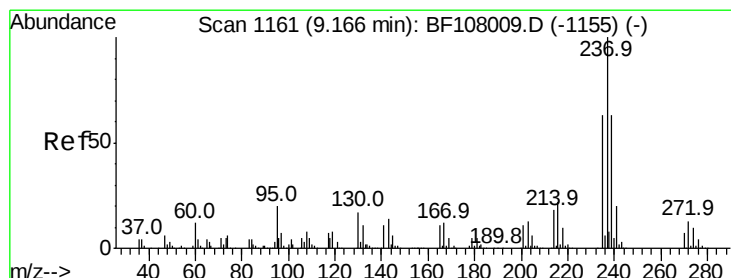
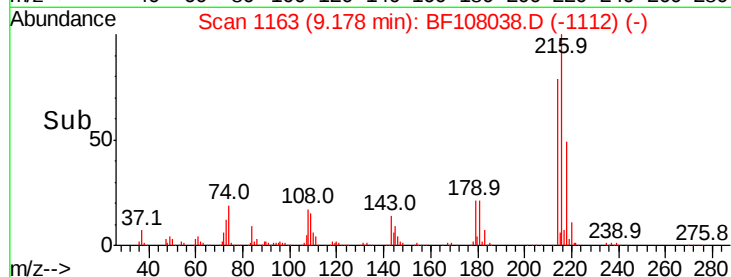
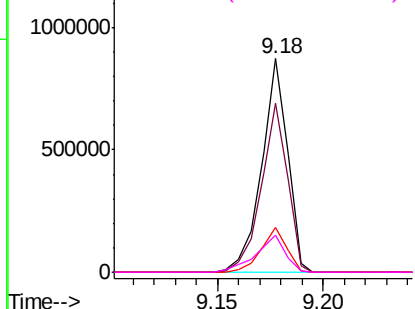
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.569 ng
 RT: 9.18 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	747910
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.4
179	20.8	18.1	27.1
108	19.7	17.2	25.8

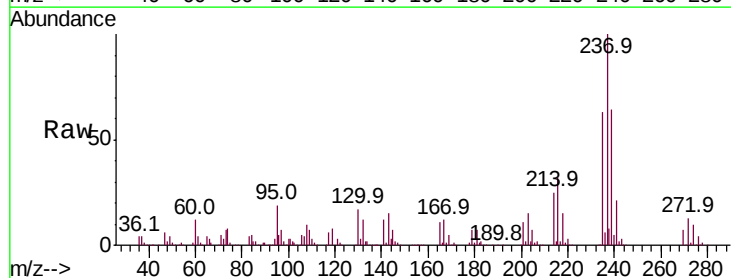


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

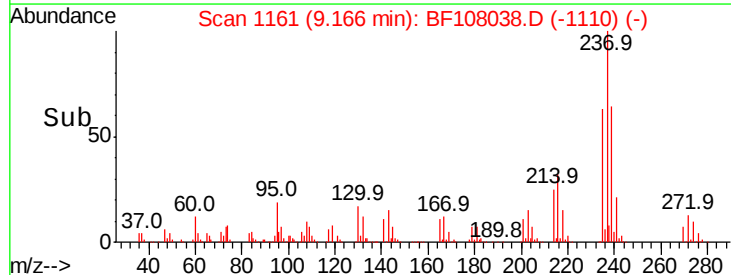
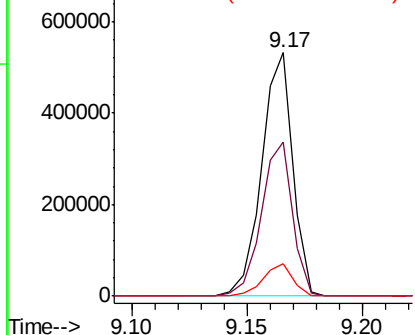


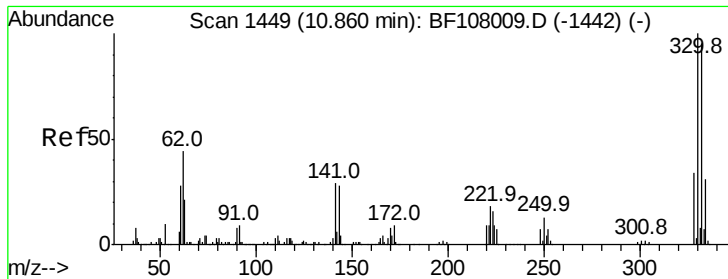
#40
 Hexachlorocyclopentadiene
 Concen: 40.803 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Tgt Ion:	237	Resp:	498157
Ion	Ratio	Lower	Upper
237	100		
235	63.3	44.8	84.8
272	13.3	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

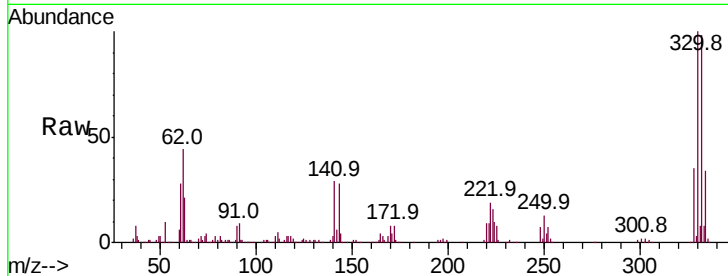




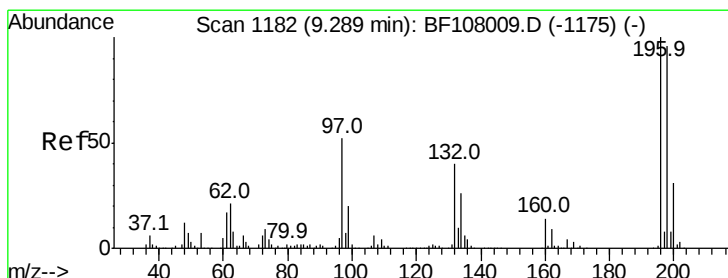
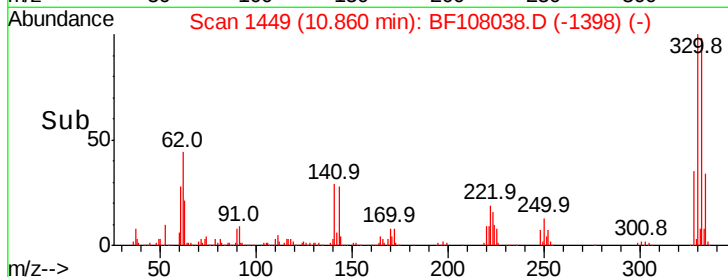
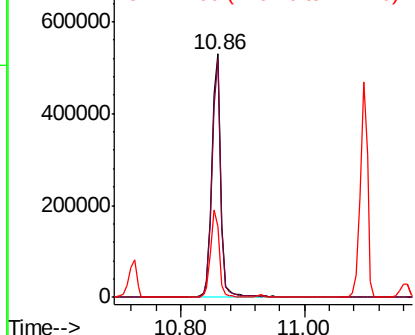
#41
 2,4,6-Tribromophenol
 Concen: 83.377 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	35.1	29.9	44.9

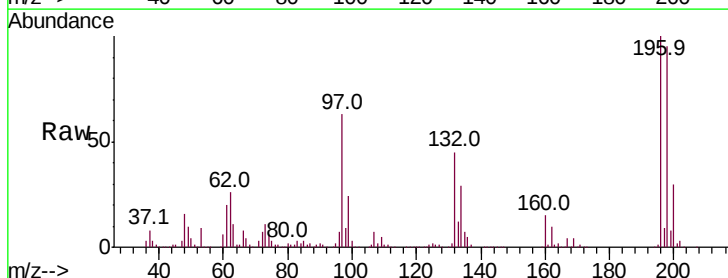


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

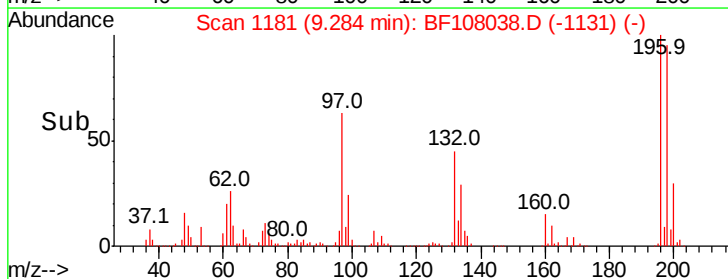
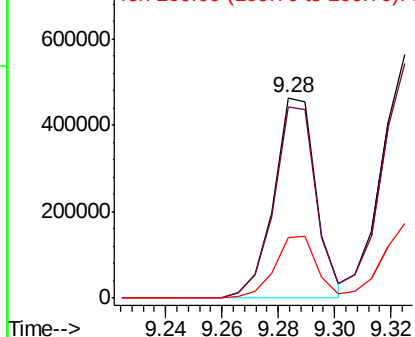


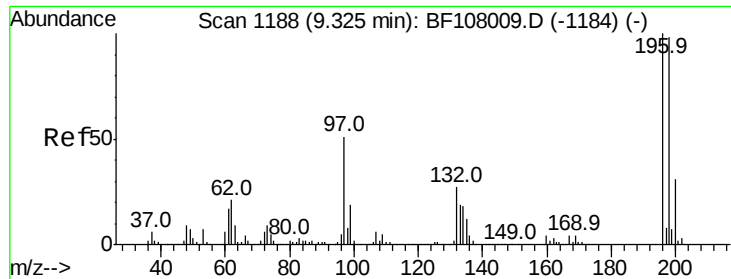
#42
 2,4,6-Trichlorophenol
 Concen: 40.985 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.7	113.5
200	30.1	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

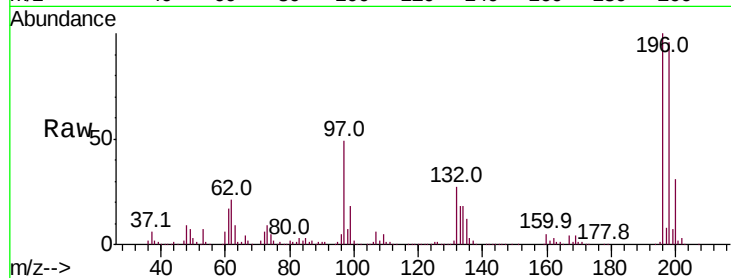




#43
 2,4,5-Trichlorophenol
 Concen: 42.617 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	550272
Ion	Ratio	Lower	Upper
196	100		
198	96.4	74.6	112.0
97	49.3	42.9	64.3
132	27.2	26.3	39.5



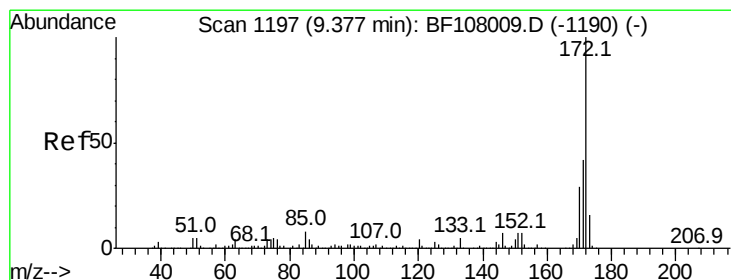
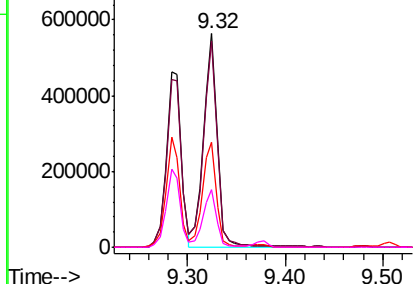
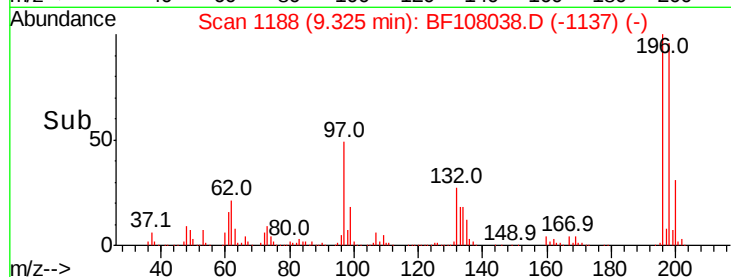
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

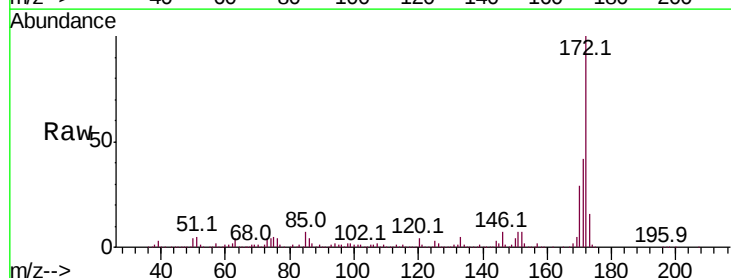
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.072 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Tgt Ion:	172	Resp:	2916445
Ion	Ratio	Lower	Upper
172	100		
171	41.5	29.7	44.5
170	28.9	19.6	29.4

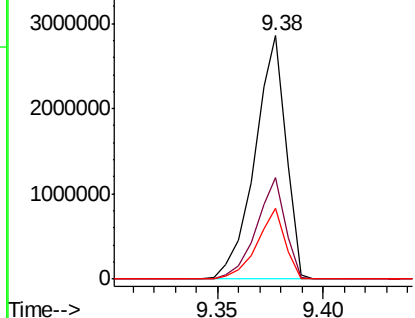
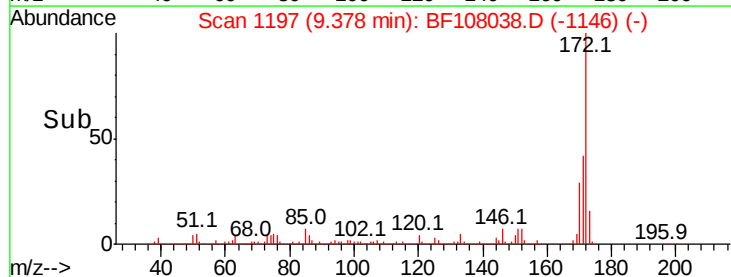


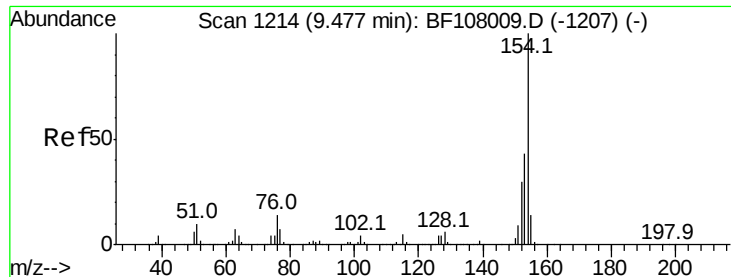
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.987 ng

RT: 9.48 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

Instrument :

BNA_F

ClientSampleId :

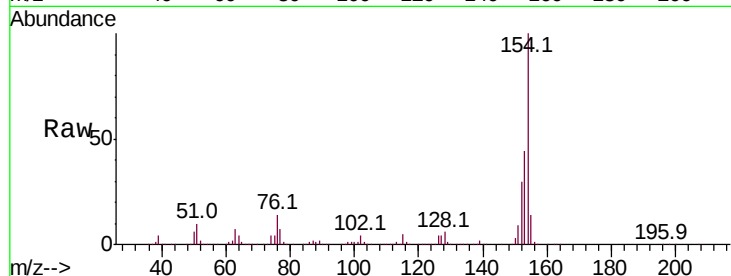
Tot Ion:154 Resp: 1769279

Ion Ratio Lower Upper

154 100

153 43.6 21.3 61.3

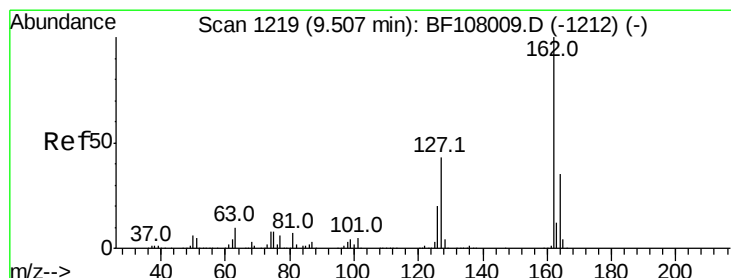
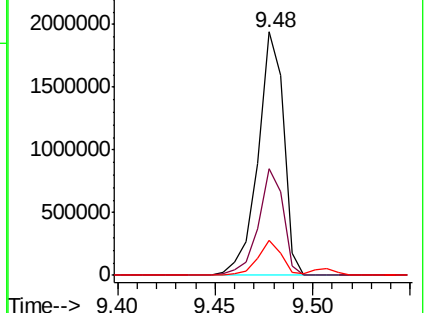
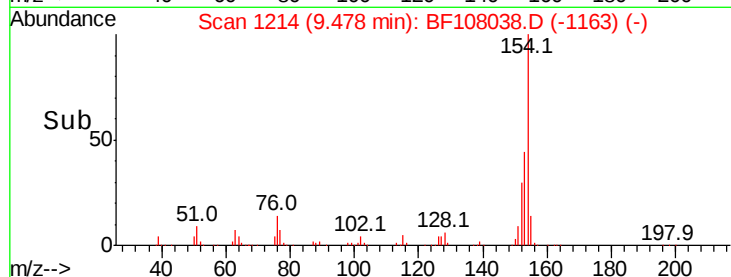
76 14.3 0.0 34.0



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: 39.538 ng

RT: 9.51 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

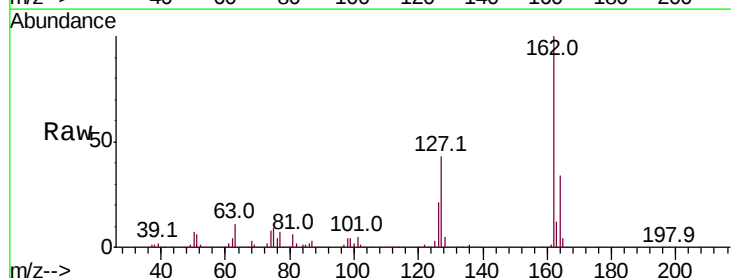
Tgt Ion:162 Resp: 1418123

Ion Ratio Lower Upper

162 100

127 42.5 33.9 50.9

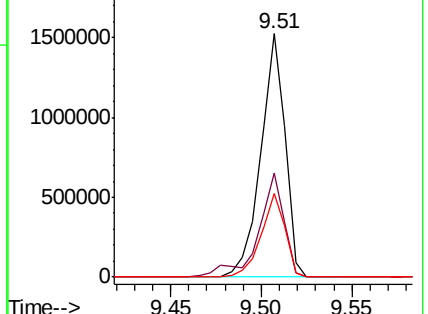
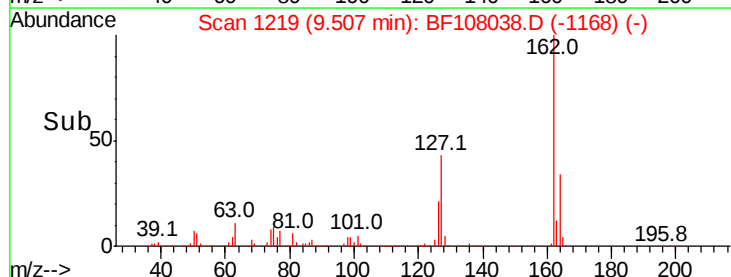
164 34.4 26.5 39.7

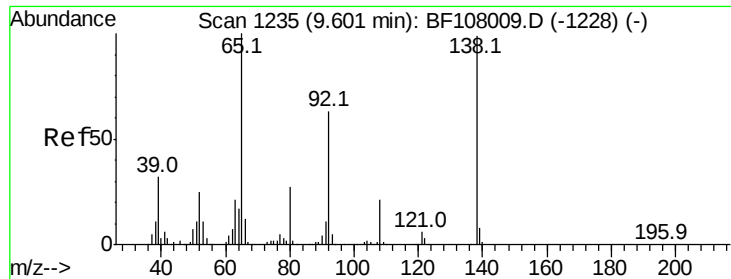


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

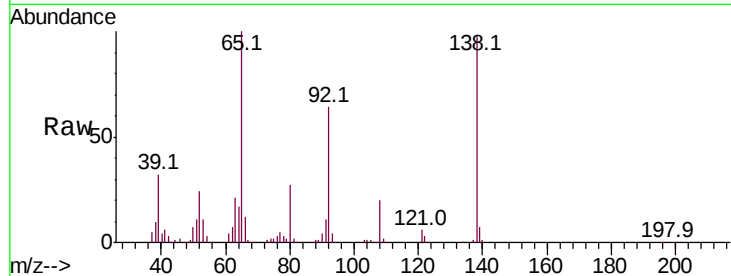




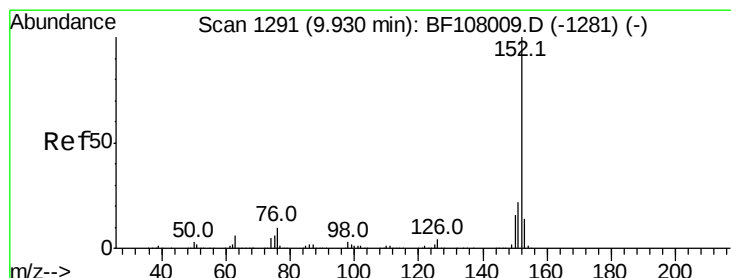
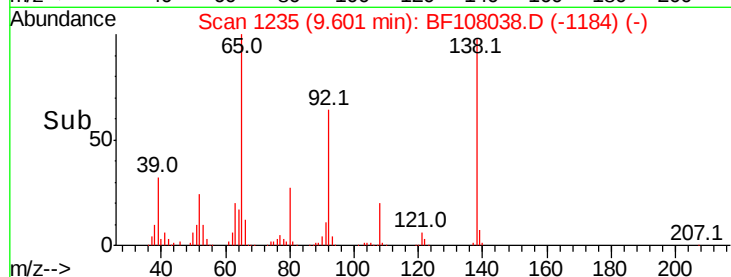
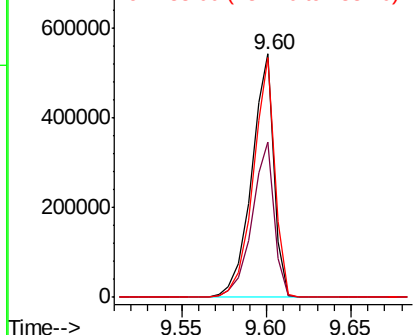
#47
2-Nitroaniline
Concen: 43.148 ng
RT: 9.60 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 500748
Ion Ratio Lower Upper
65 100
92 63.5 55.8 83.6
138 98.3 91.2 136.8

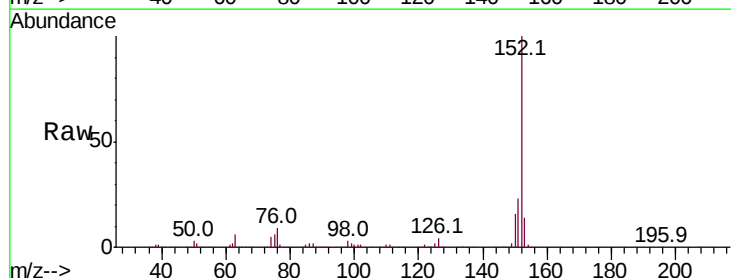


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

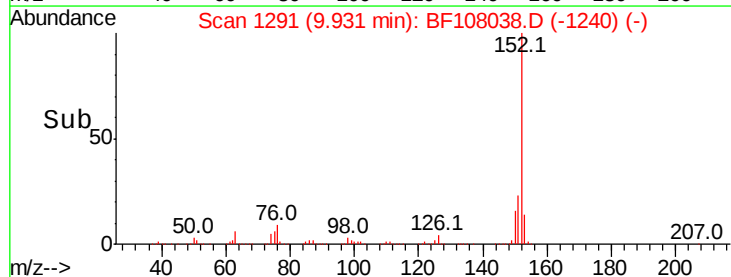
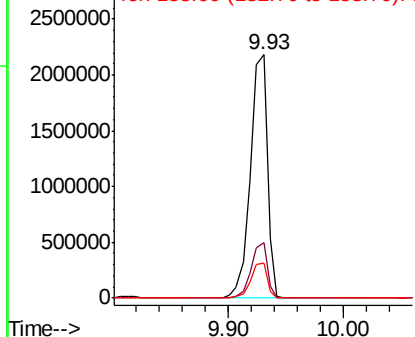


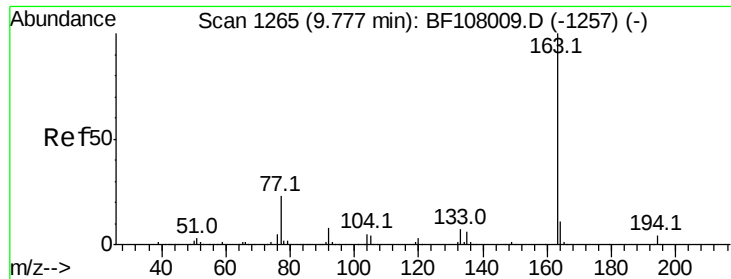
#48
Acenaphthylene
Concen: 39.374 ng
RT: 9.93 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion:152 Resp: 2232654
Ion Ratio Lower Upper
152 100
151 22.6 16.3 24.5
153 14.2 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

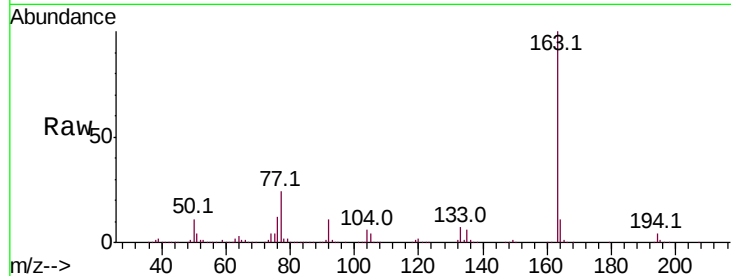




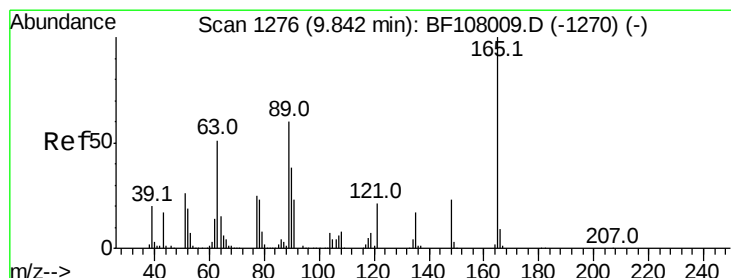
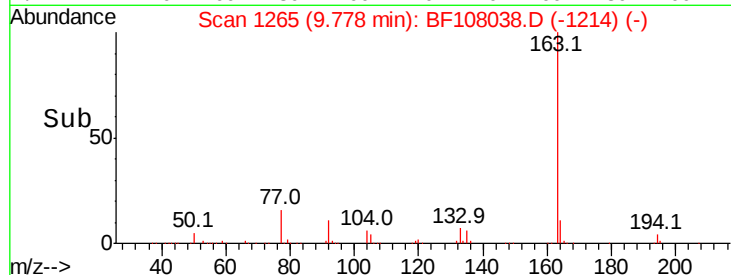
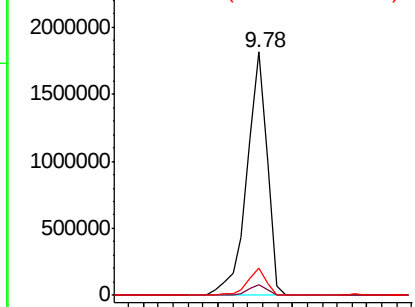
#49
Dimethylphthalate
Concen: 39.373 ng
RT: 9.78 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1688108
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 11.0 8.2 12.2

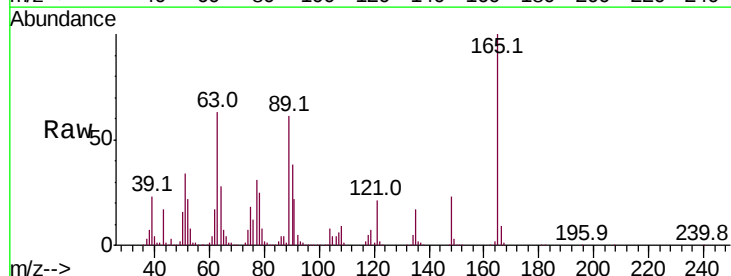


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

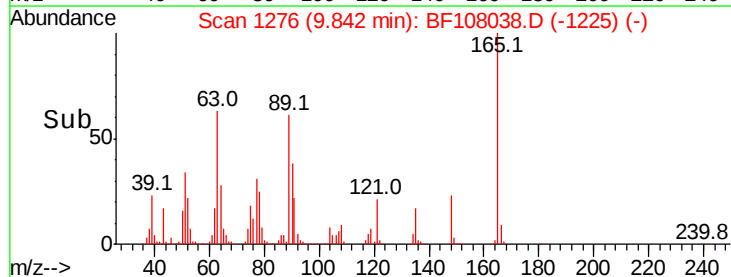
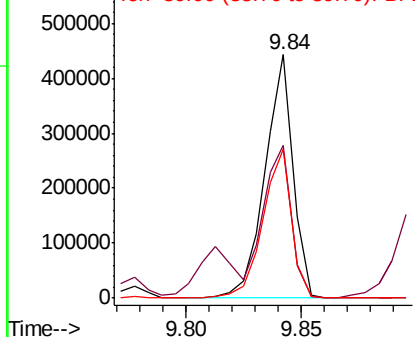


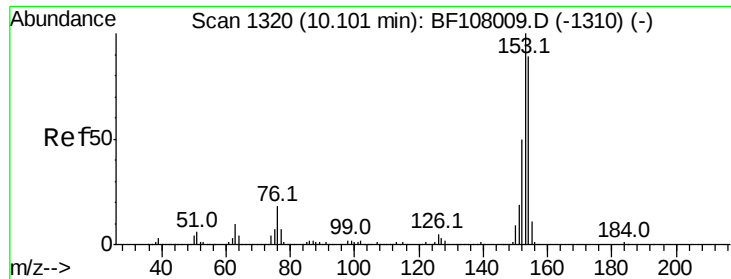
#50
2,6-Dinitrotoluene
Concen: 41.713 ng
RT: 9.84 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion:165 Resp: 374179
Ion Ratio Lower Upper
165 100
63 62.9 44.7 67.1
89 61.2 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: 39.596 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

Instrument :

BNA_F

ClientSampleId :

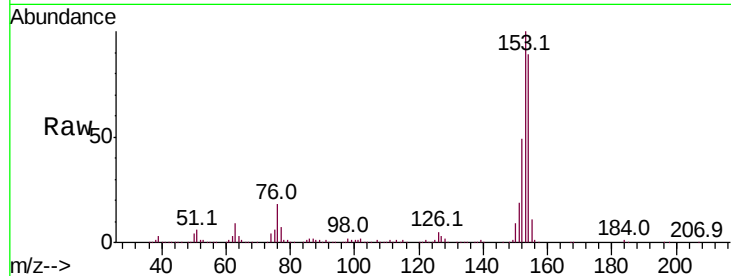
Tot Ion:154 Resp: 1375219

Ion Ratio Lower Upper

154 100

153 111.8 91.2 136.8

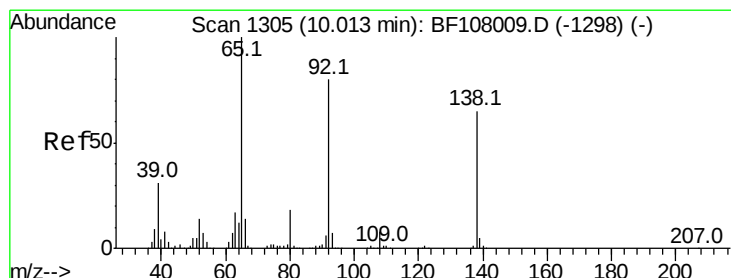
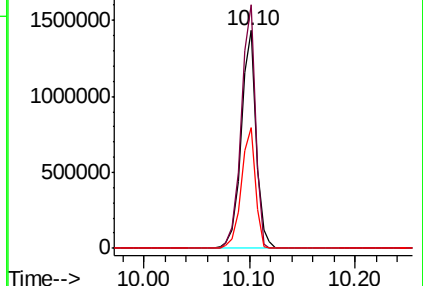
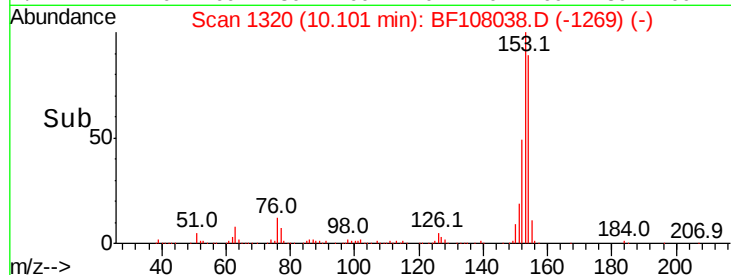
152 55.3 43.8 65.8



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: 42.587 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

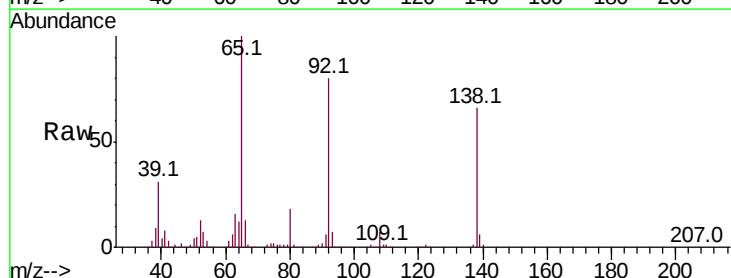
Tgt Ion:138 Resp: 417976

Ion Ratio Lower Upper

138 100

108 11.2 9.4 14.0

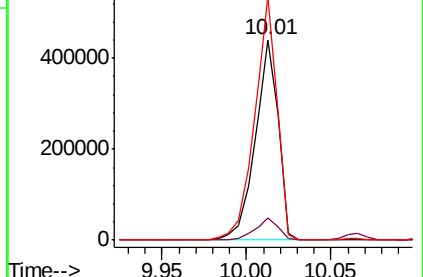
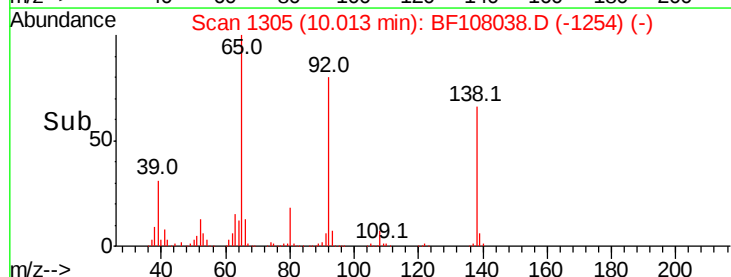
92 121.4 89.4 134.2

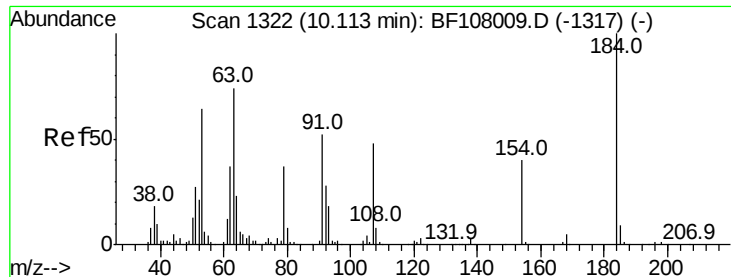


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

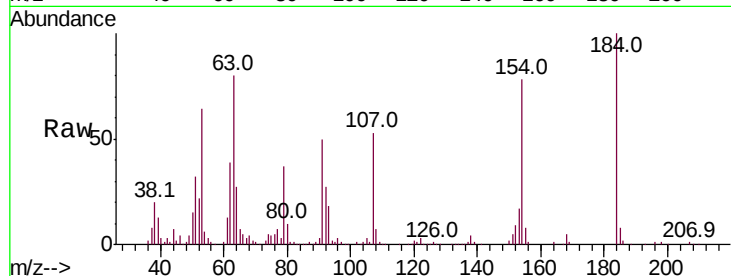




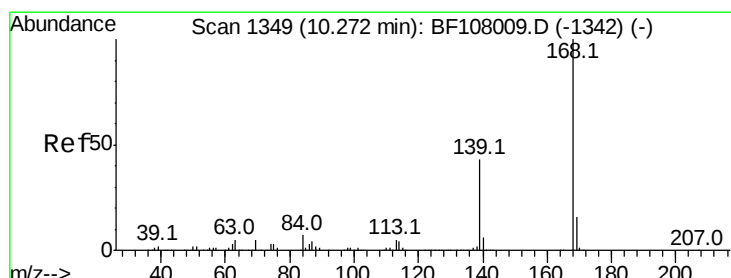
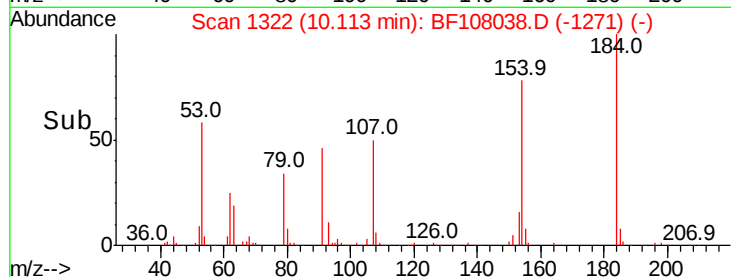
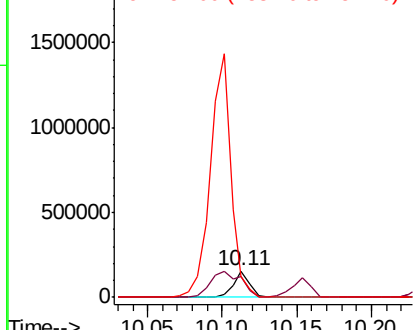
#53
2,4-Dinitrophenol
Concen: 40.205 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 122120
Ion Ratio Lower Upper
184 100
63 80.2 54.2 81.2
154 78.4 184.0 276.0#

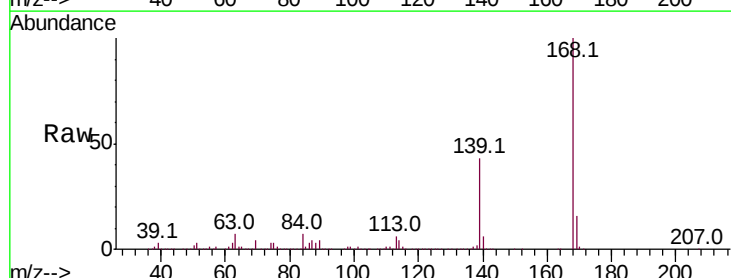


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

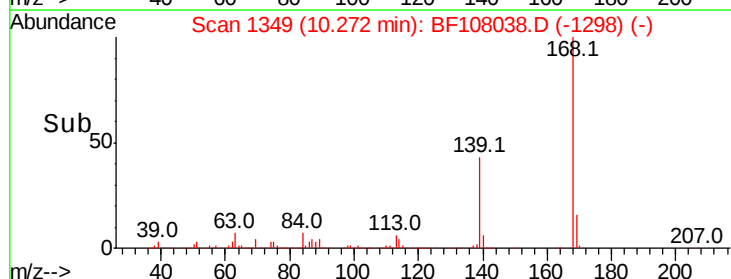
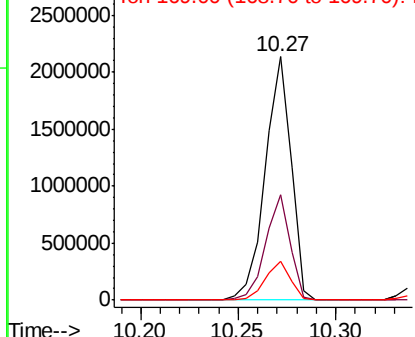


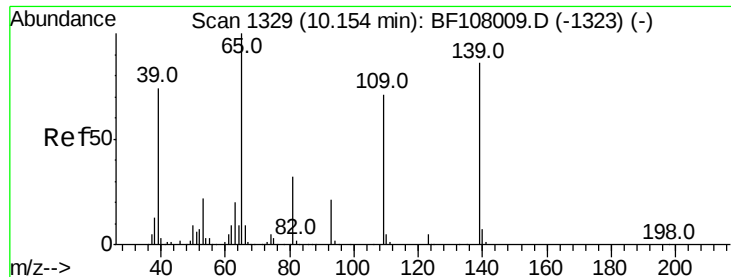
#54
Dibenzofuran
Concen: 38.954 ng
RT: 10.27 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion:168 Resp: 1960071
Ion Ratio Lower Upper
168 100
139 43.2 30.1 45.1
169 15.7 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

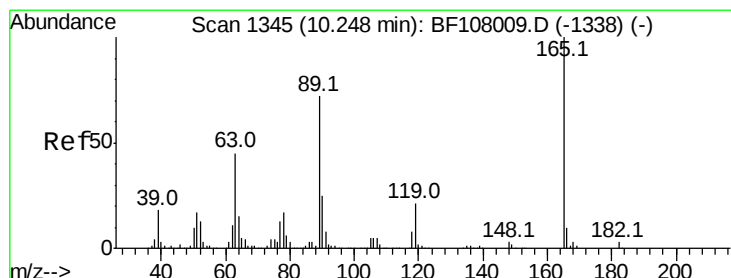
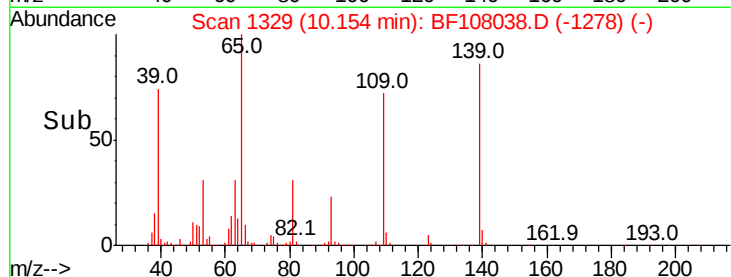
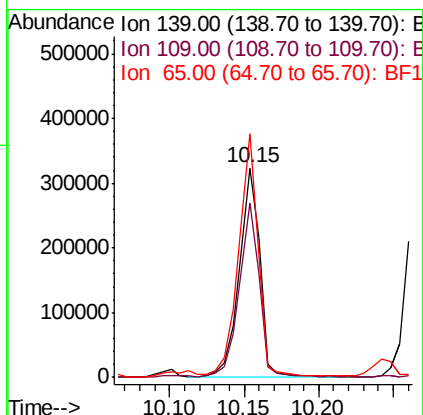
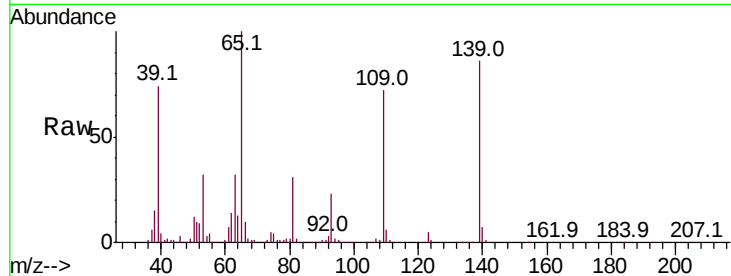




#55
4-Nitrophenol
Concen: 41.557 ng
RT: 10.15 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

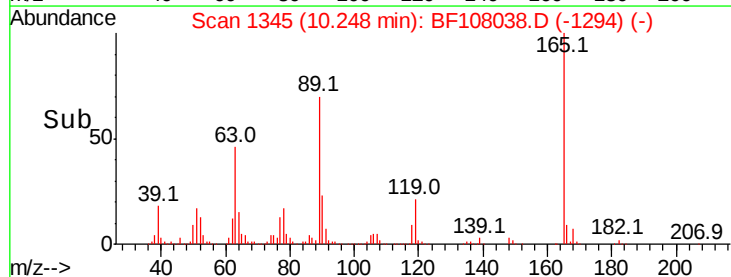
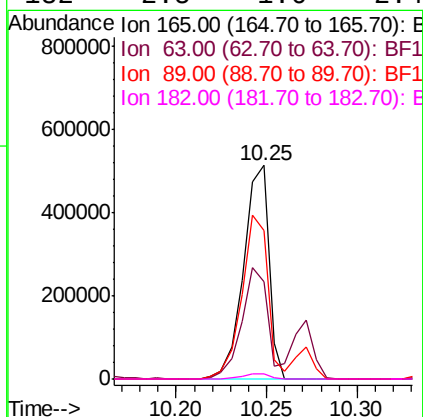
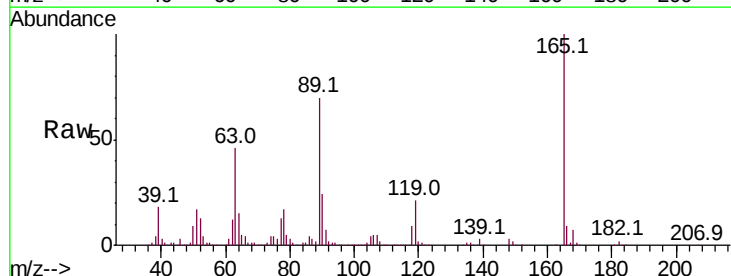
Instrument :
BNA_F
ClientSampled :

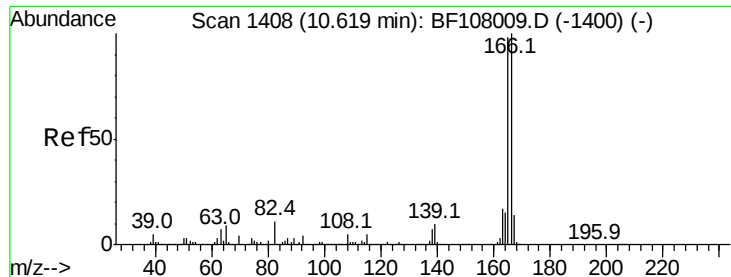
Tot Ion:139 Resp: 308855
Ion Ratio Lower Upper
139 100
109 83.6 48.4 88.4
65 116.5 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 43.426 ng
RT: 10.25 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion:165 Resp: 501423
Ion Ratio Lower Upper
165 100
63 45.8 36.4 54.6
89 69.6 57.8 86.6
182 2.5 1.6 2.4#

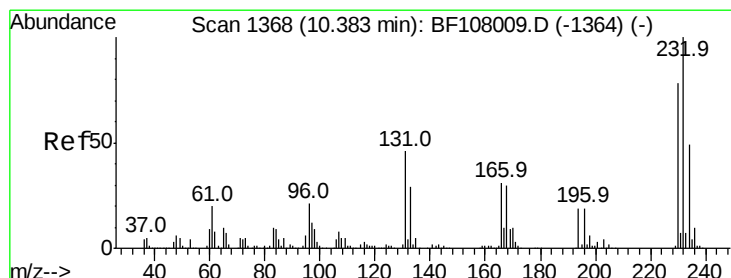
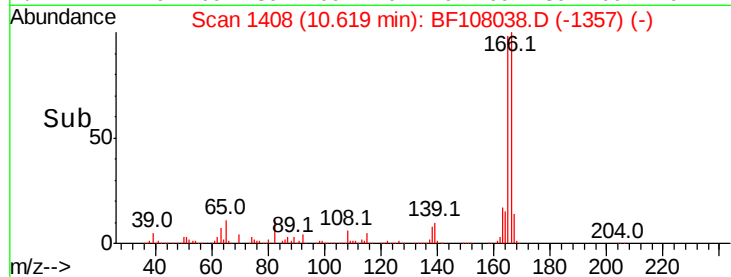
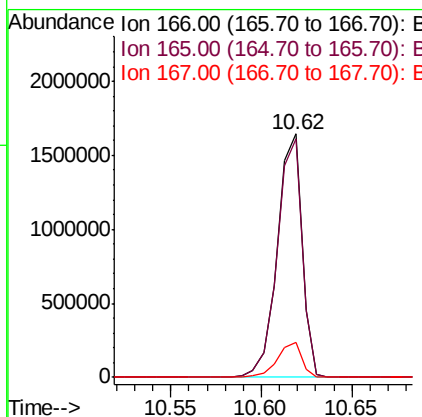
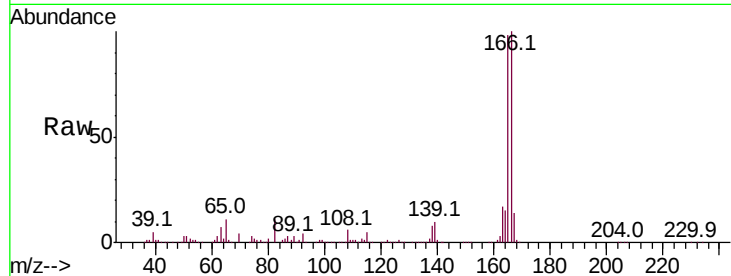




#57
 Fluorene
 Concen: 39.197 ng
 RT: 10.62 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

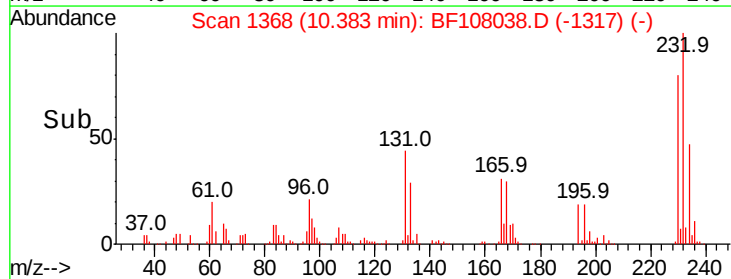
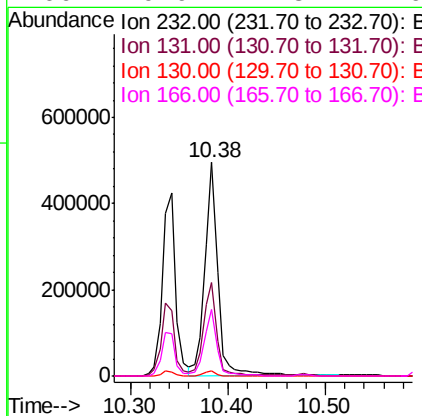
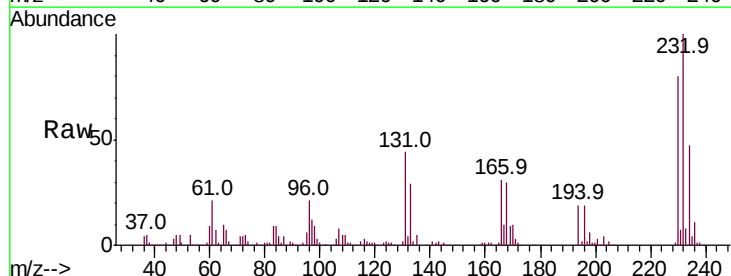
Instrument :
 BNA_F
 ClientSampled :

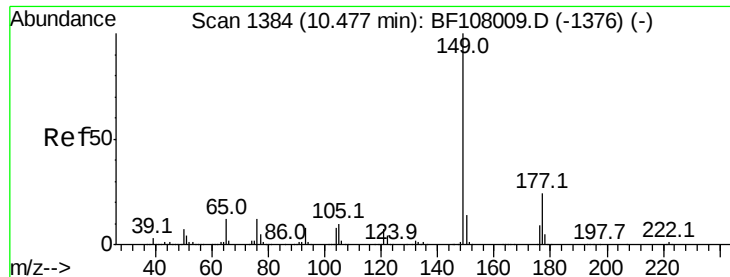
Tot Ion:166 Resp: 1561294
 Ion Ratio Lower Upper
 166 100
 165 97.9 79.8 119.8
 167 14.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.431 ng
 RT: 10.38 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Tgt Ion:232 Resp: 457914
 Ion Ratio Lower Upper
 232 100
 131 43.4 43.8 65.8#
 130 2.3 2.1 3.1
 166 29.9 27.8 41.6

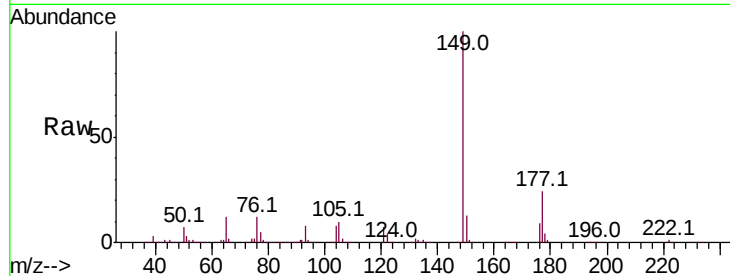




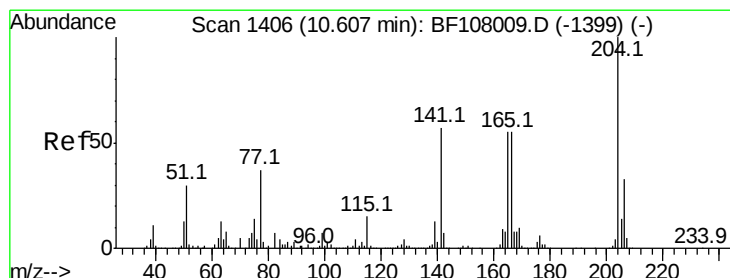
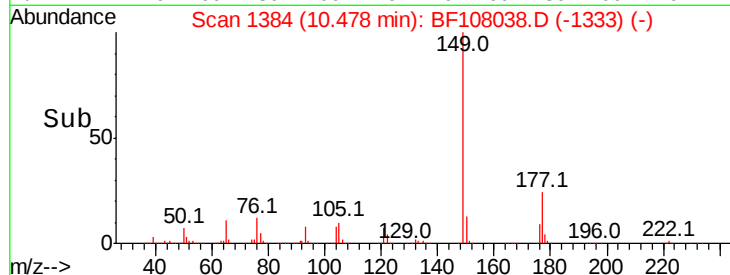
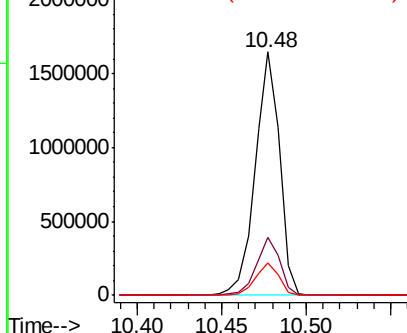
#59
Diethylphthalate
Concen: 39.825 ng
RT: 10.48 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1653428
Ion Ratio Lower Upper
149 100
177 23.6 16.1 24.1
150 13.5 10.1 15.1

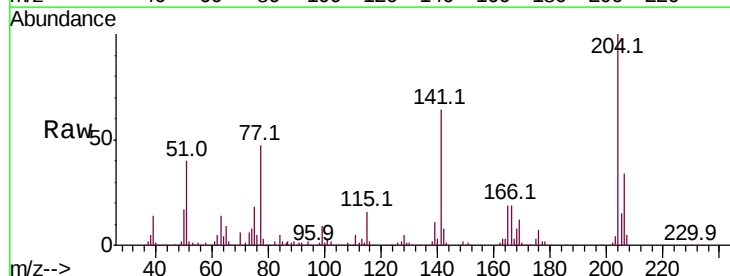


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

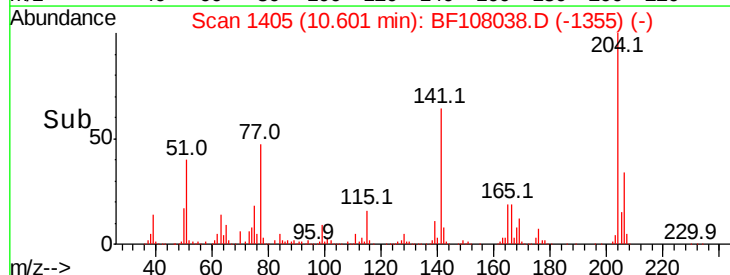
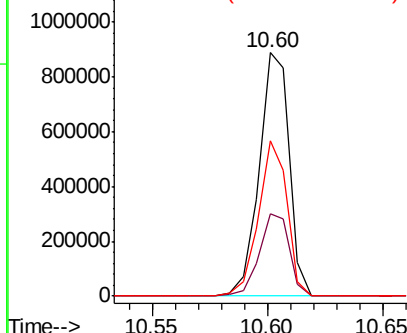


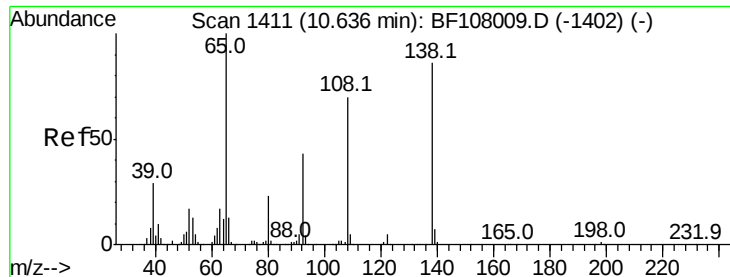
#60
4-Chlorophenyl-phenylether
Concen: 38.879 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion:204 Resp: 806943
Ion Ratio Lower Upper
204 100
206 34.0 26.5 39.7
141 63.6 54.6 81.8



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

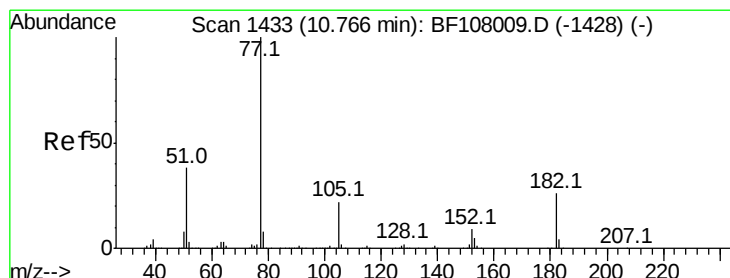
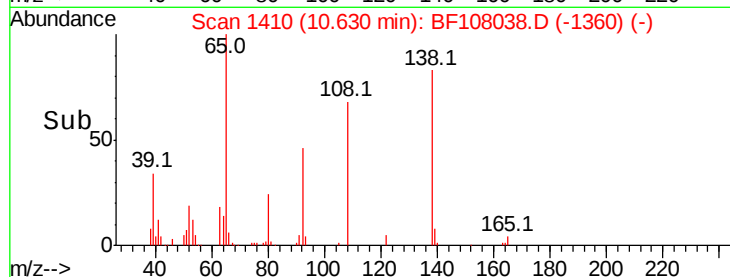
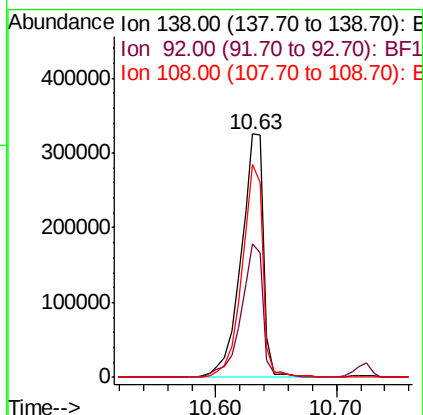
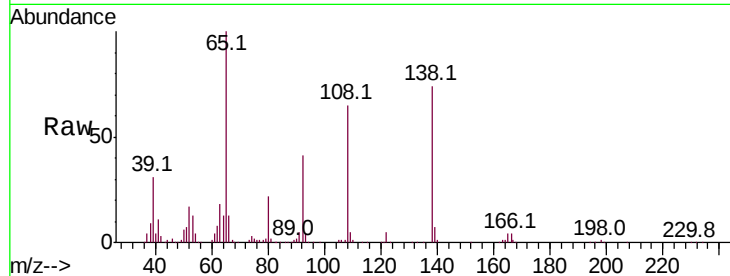




#61
4-Nitroaniline
Concen: 43.339 ng
RT: 10.63 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

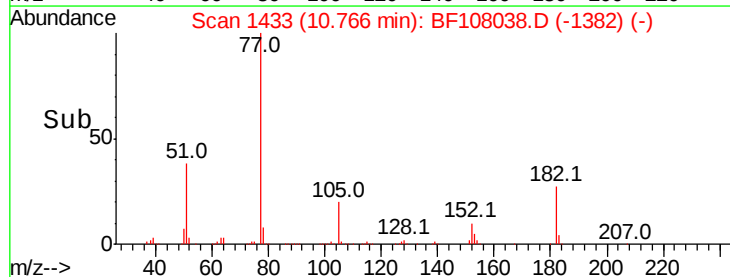
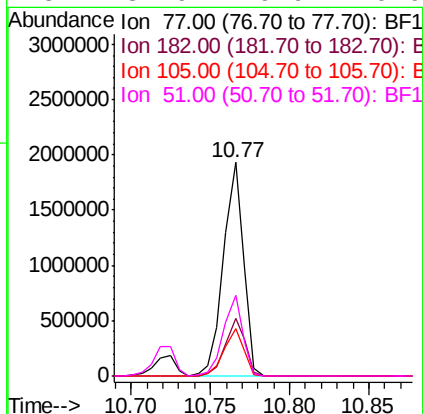
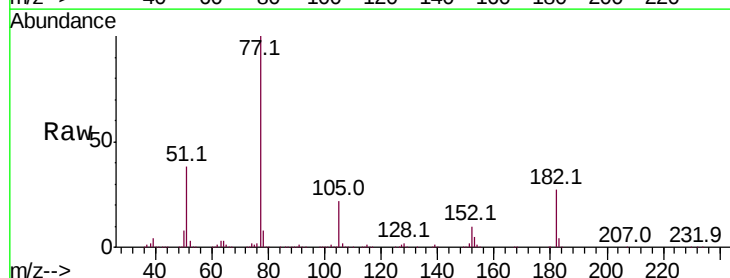
Instrument :
BNA_F
ClientSampleId :

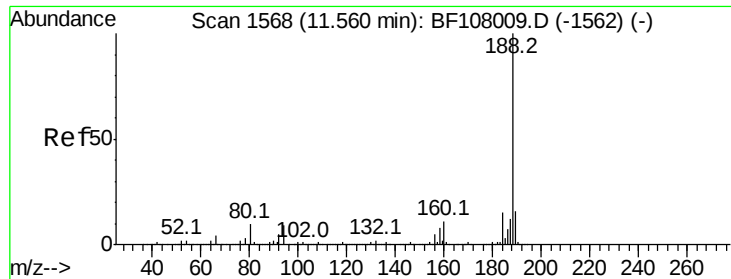
Tot Ion:138 Resp: 420543
Ion Ratio Lower Upper
138 100
92 55.0 30.2 70.2
108 87.6 52.5 92.5



#62
Azobenzene
Concen: 39.608 ng
RT: 10.77 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion: 77 Resp: 1698237
Ion Ratio Lower Upper
77 100
182 26.9 1.7 41.7
105 22.1 3.0 43.0
51 37.9 9.9 49.9

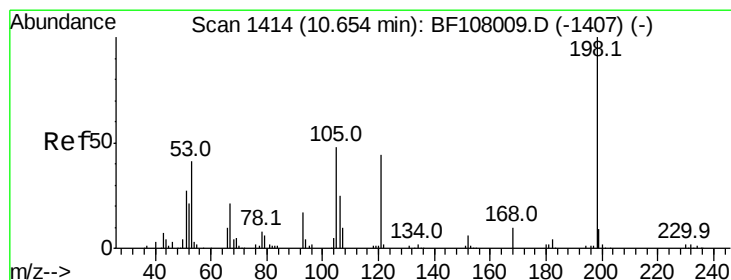
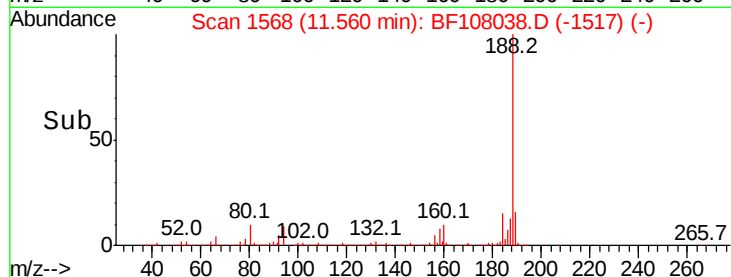
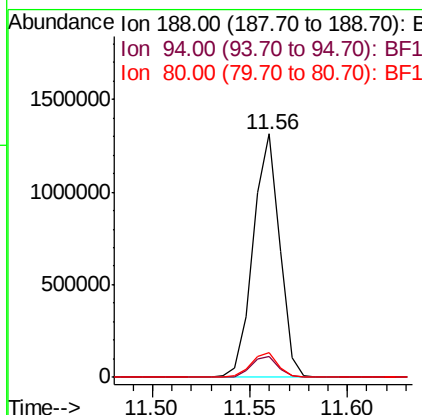
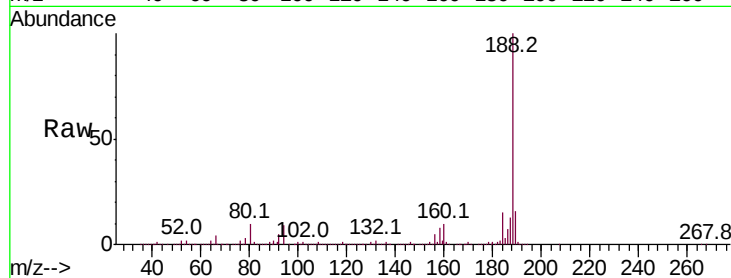




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

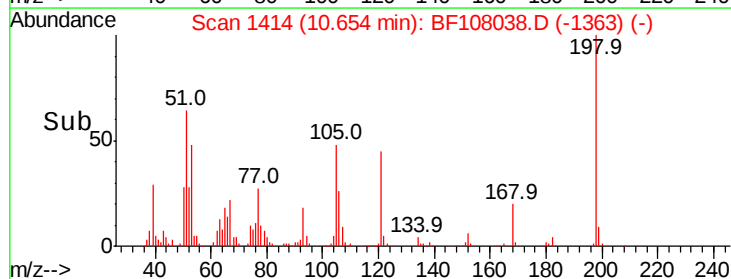
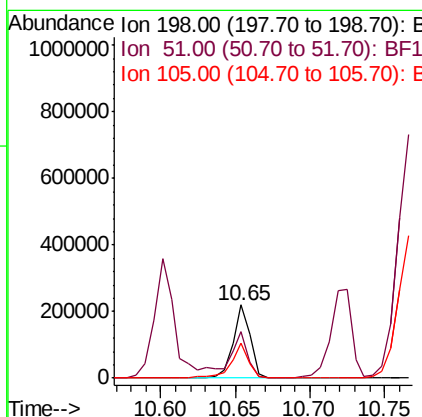
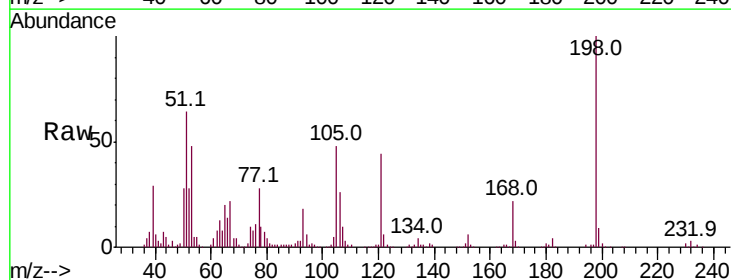
Instrument :
 BNA_F
 ClientSampleId :

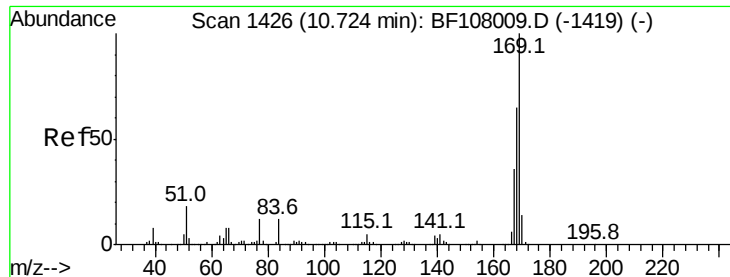
Tot Ion:188 Resp: 1233469
 Ion Ratio Lower Upper
 188 100
 94 8.6 8.5 12.7
 80 9.9 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.091 ng
 RT: 10.65 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Tgt Ion:198 Resp: 181054
 Ion Ratio Lower Upper
 198 100
 51 63.6 37.7 77.7
 105 48.3 36.3 76.3

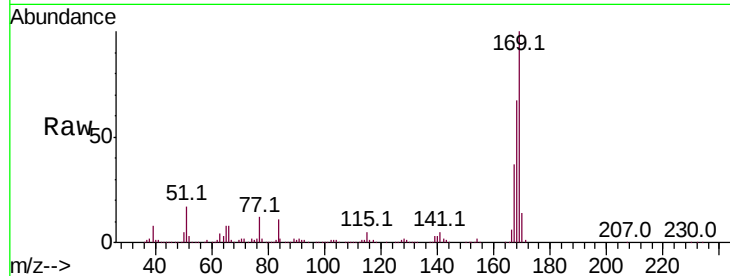




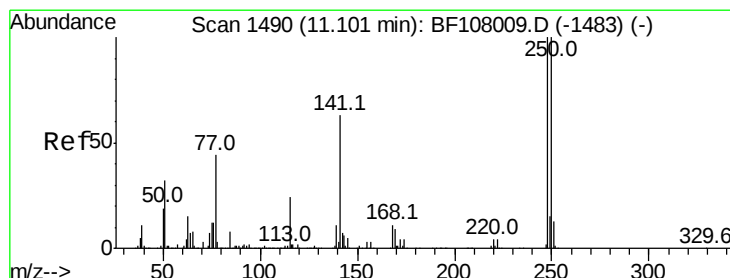
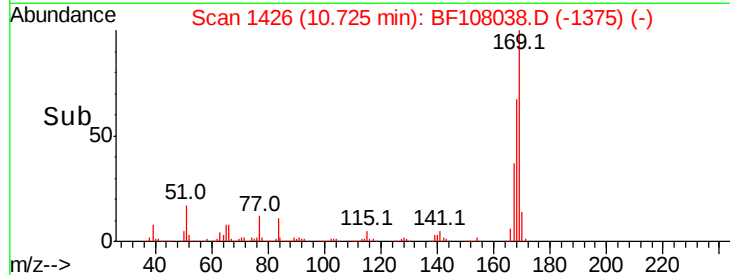
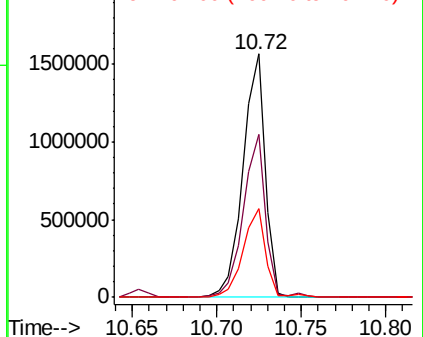
#65
n-Nitrosodiphenylamine
Concen: 39.529 ng
RT: 10.72 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 1440828
Ion Ratio Lower Upper
169 100
168 67.0 54.4 81.6
167 36.7 29.8 44.6

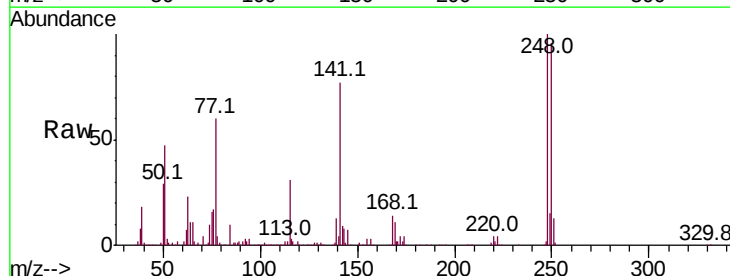


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

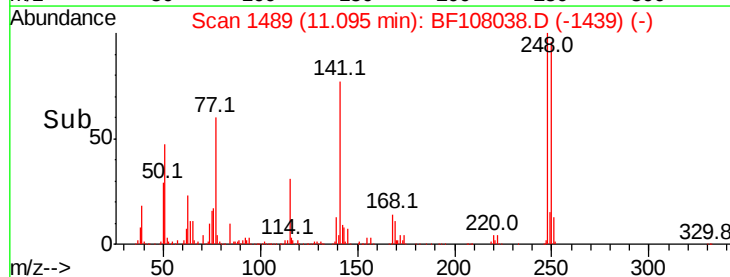
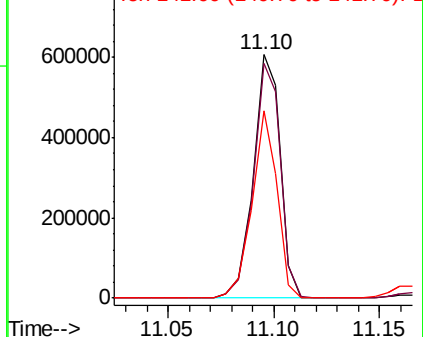


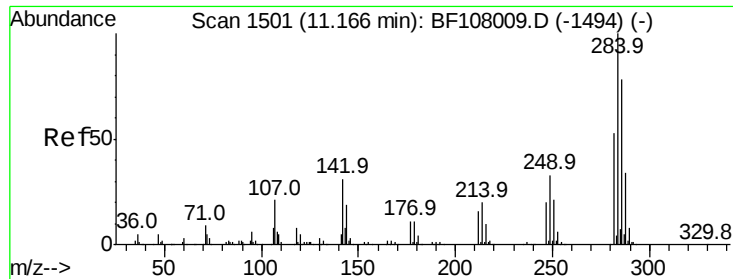
#66
4-Bromophenyl-phenylether
Concen: 40.231 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion:248 Resp: 539277
Ion Ratio Lower Upper
248 100
250 96.5 76.9 115.3
141 77.1 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: 39.499 ng

RT: 11.17 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

Instrument :

BNA_F

ClientSampleId :

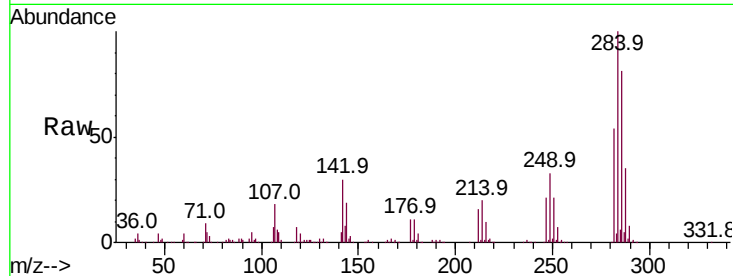
Tot Ion:284 Resp: 557076

Ion Ratio Lower Upper

284 100

142 30.0 34.6 52.0#

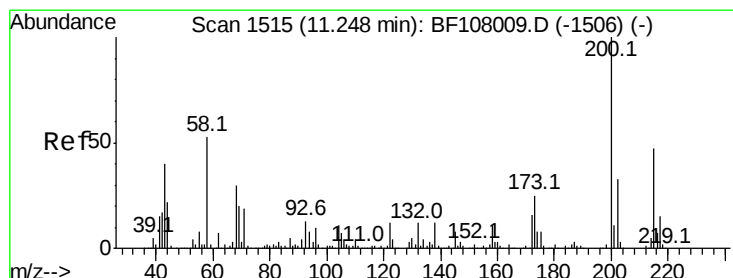
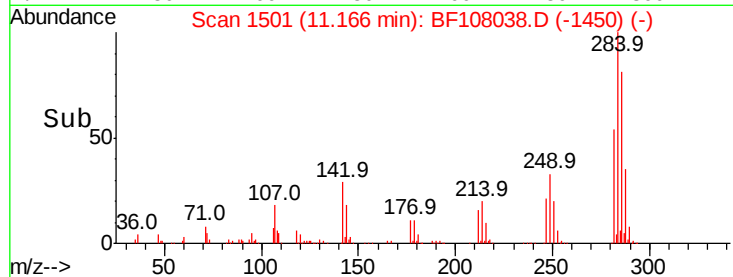
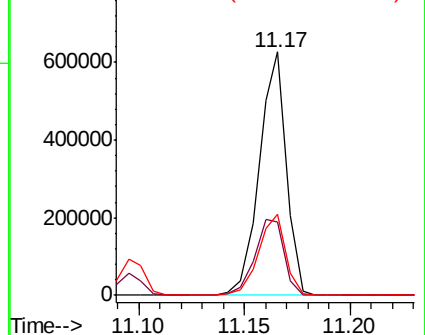
249 33.3 24.8 37.2



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: 40.960 ng

RT: 11.25 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

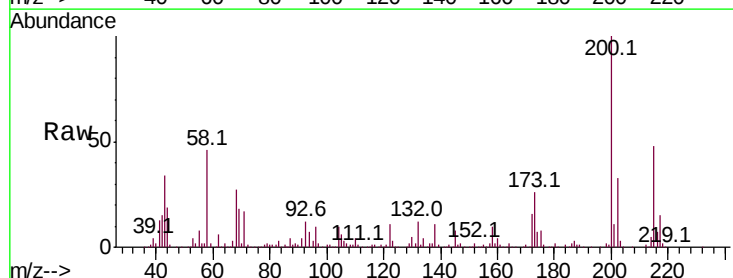
Tgt Ion:200 Resp: 500758

Ion Ratio Lower Upper

200 100

173 25.7 8.6 48.6

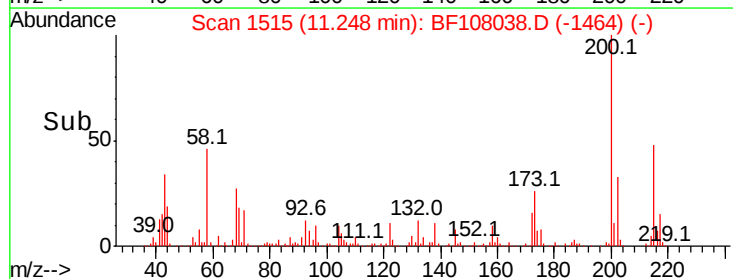
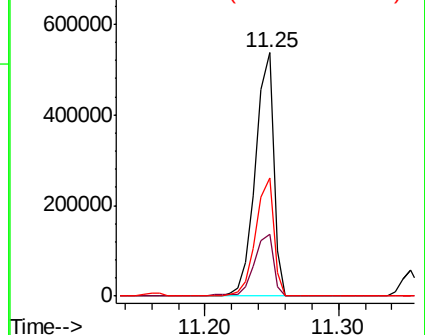
215 48.4 25.1 65.1

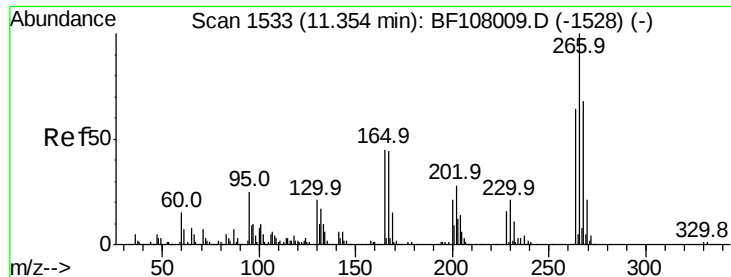


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

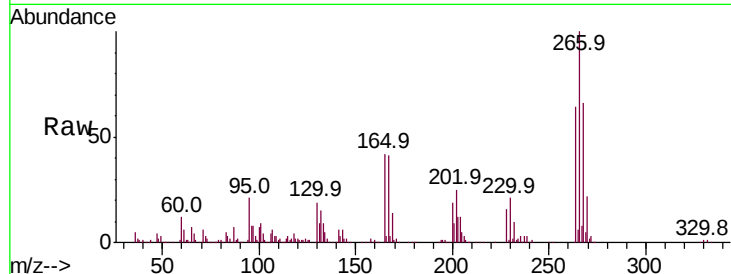




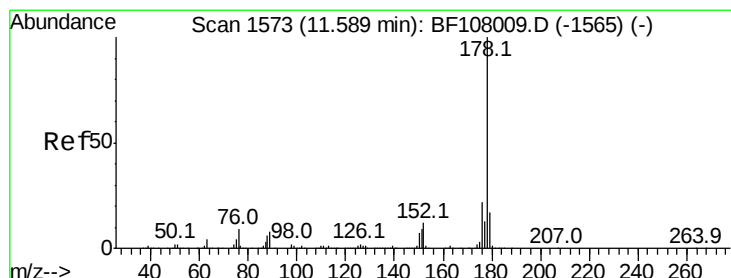
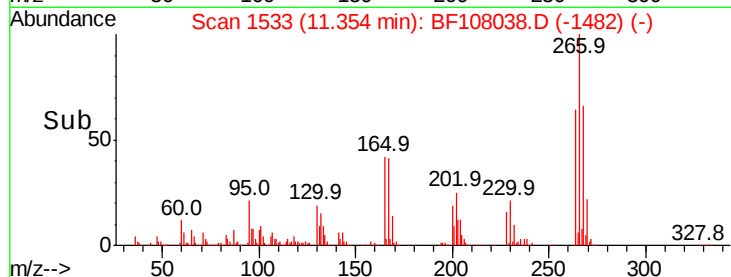
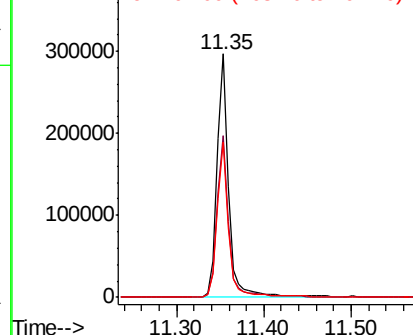
#69
 Pentachlorophenol
 Concen: 41.501 ng
 RT: 11.35 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.3	51.1	76.7
264	63.7	49.5	74.3

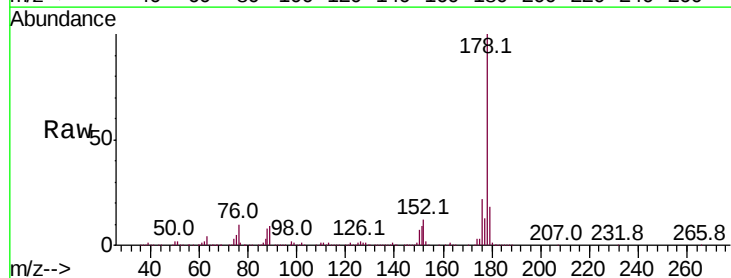


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

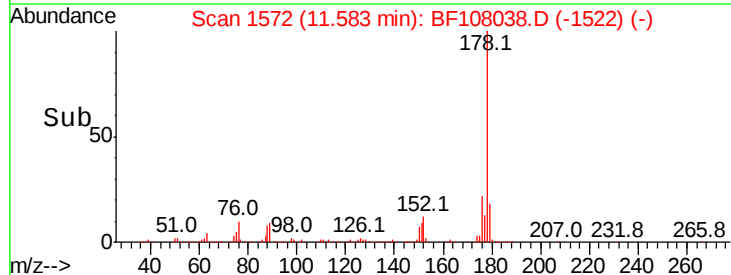
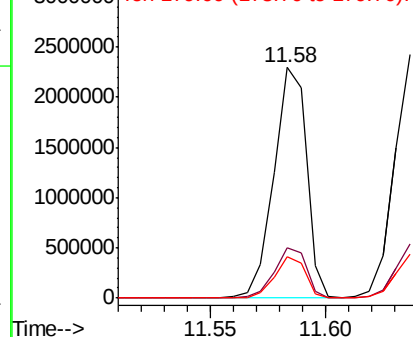


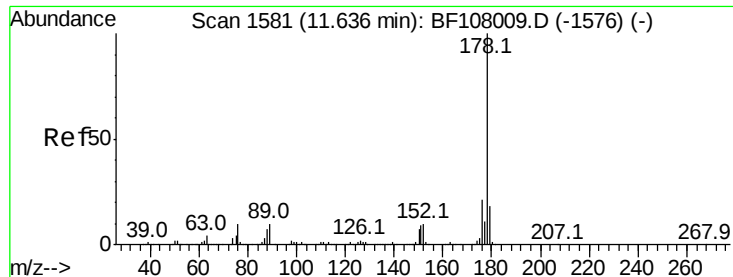
#70
 Phenanthrene
 Concen: 38.795 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.1	15.8	23.8
179	17.7	13.0	19.6



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

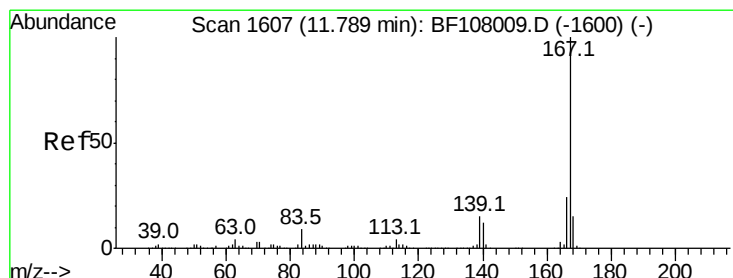
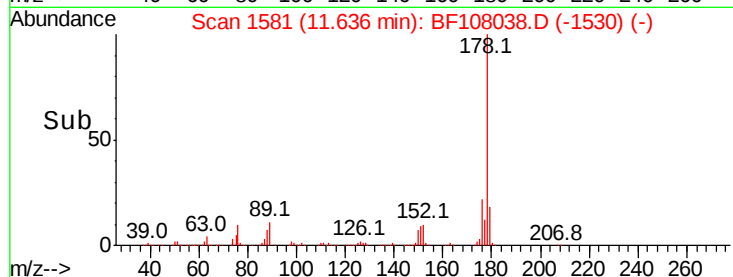
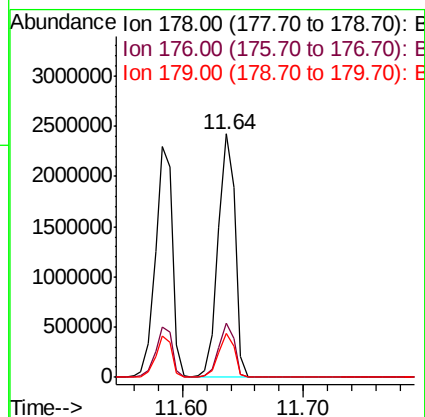
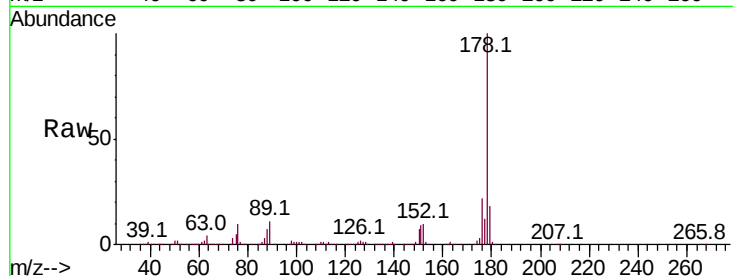




#71
 Anthracene
 Concen: 38.757 ng
 RT: 11.64 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

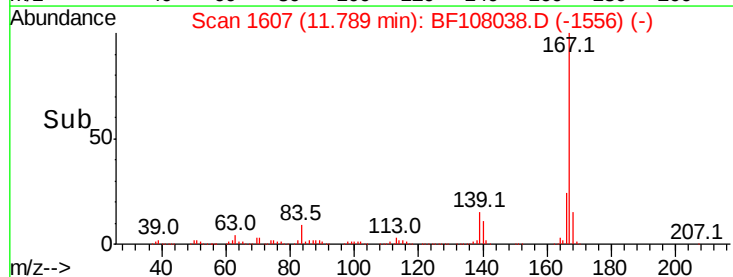
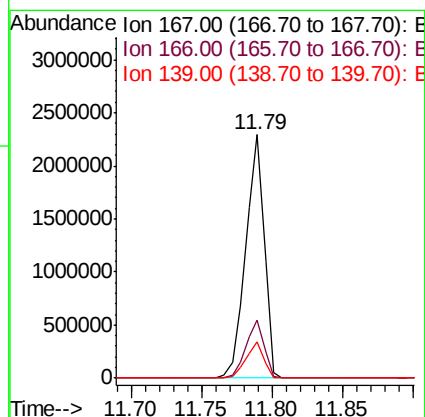
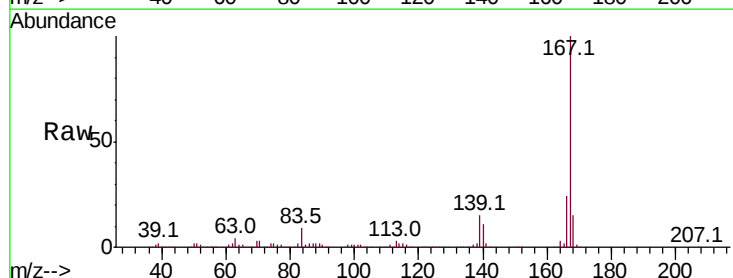
Instrument :
 BNA_F
 ClientSampleId :

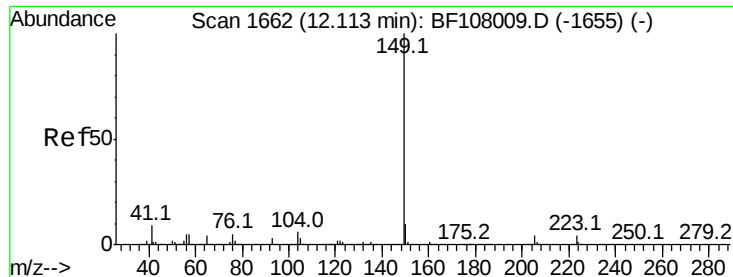
Tot Ion:178 Resp: 2311050
 Ion Ratio Lower Upper
 178 100
 176 22.0 15.4 23.2
 179 18.1 12.6 19.0



#72
 Carbazole
 Concen: 39.480 ng
 RT: 11.79 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Tgt Ion:167 Resp: 2091613
 Ion Ratio Lower Upper
 167 100
 166 23.9 17.6 26.4
 139 14.8 10.9 16.3

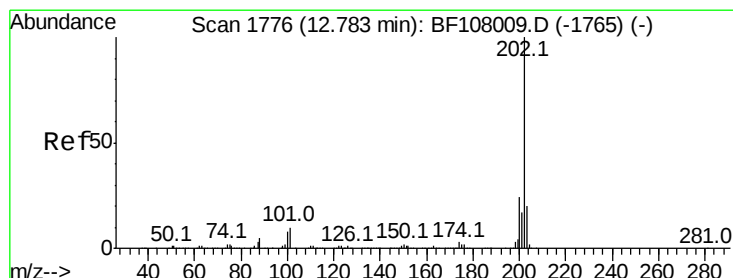
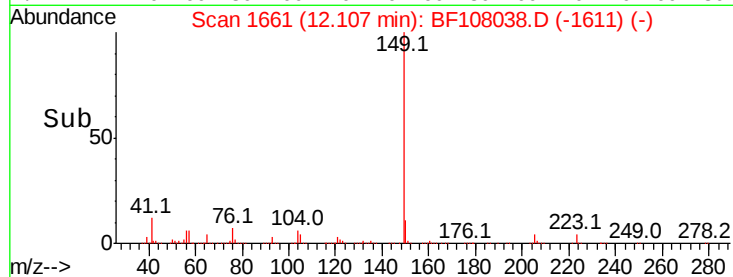
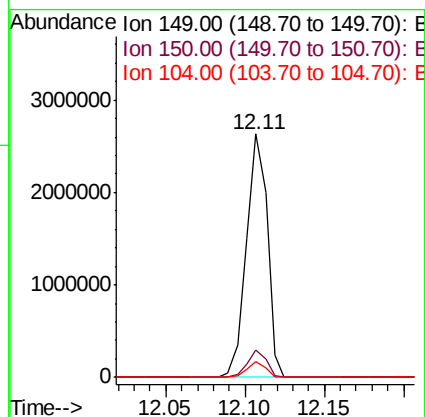
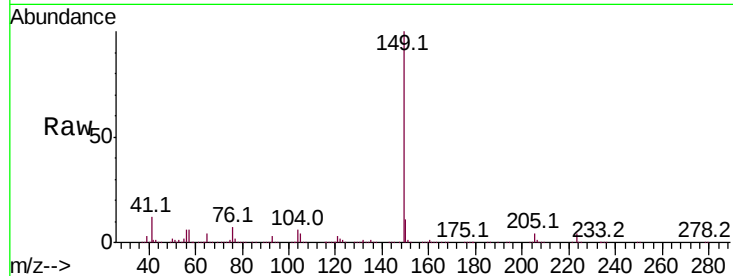




#73
Di-n-butylphthalate
Concen: 39.861 ng
RT: 12.11 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

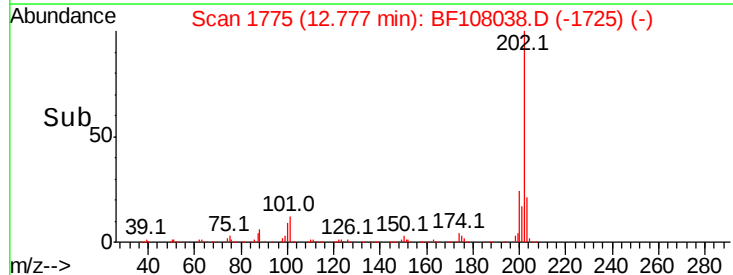
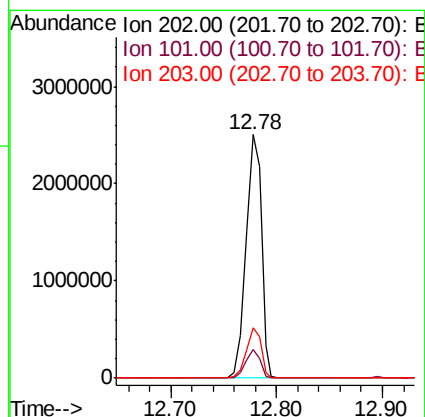
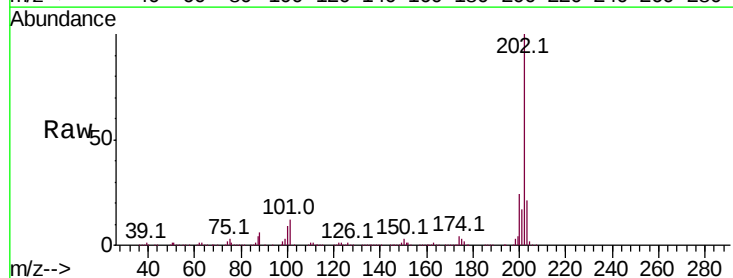
Instrument :
BNA_F
ClientSampleId :

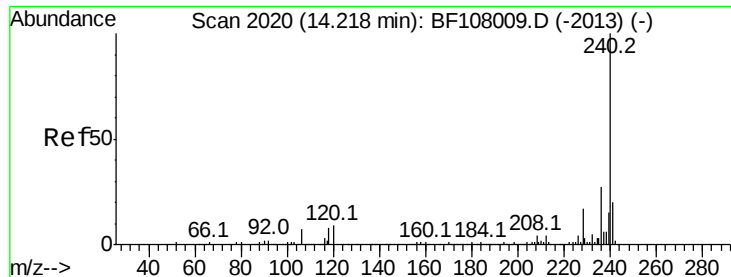
Tot Ion:149 Resp: 2391947
Ion Ratio Lower Upper
149 100
150 11.0 7.8 11.6
104 6.5 3.8 5.8#



#74
Fluoranthene
Concen: 39.425 ng
RT: 12.78 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion:202 Resp: 2503247
Ion Ratio Lower Upper
202 100
101 11.8 0.0 34.1
203 20.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

Instrument :

BNA_F

ClientSampleId :

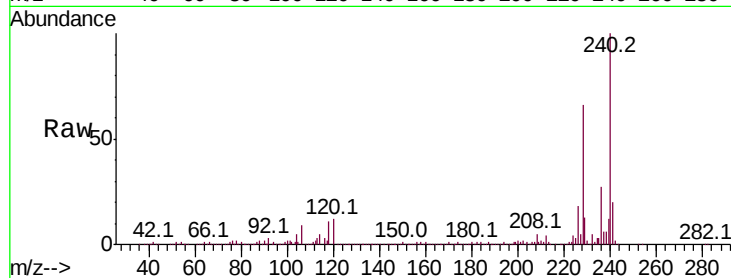
Tot Ion:240 Resp: 981748

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

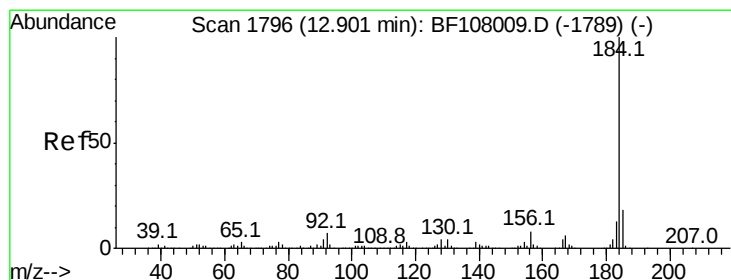
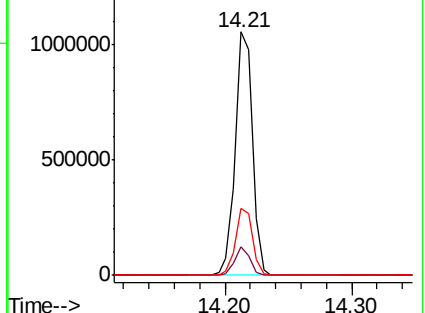
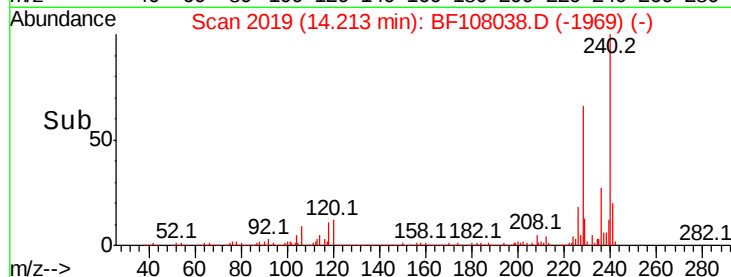
236 27.5 20.7 31.1



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: 43.149 ng

RT: 12.90 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

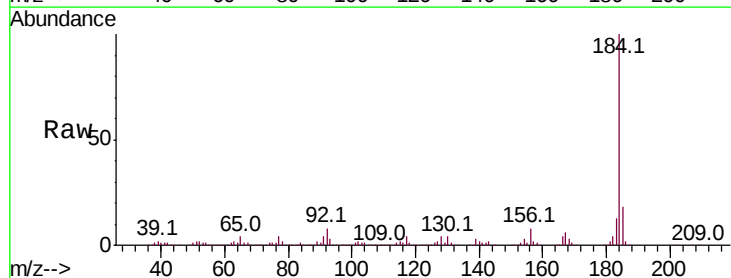
Tgt Ion:184 Resp: 1582745

Ion Ratio Lower Upper

184 100

185 18.5 12.6 18.8

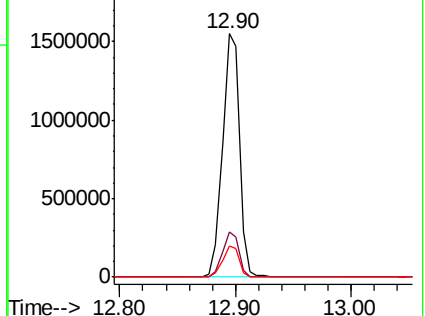
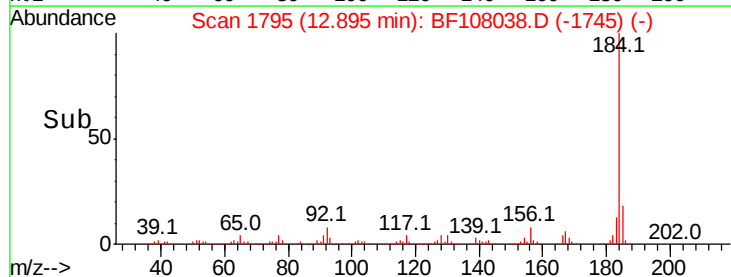
183 12.6 9.3 13.9

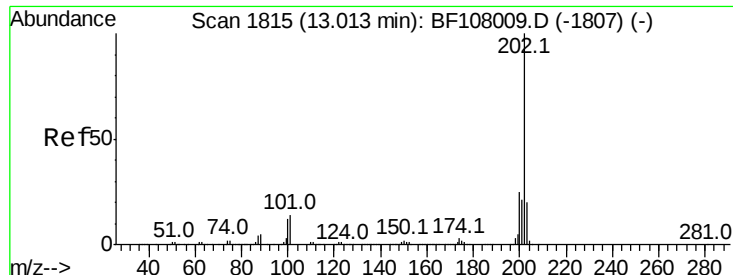


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

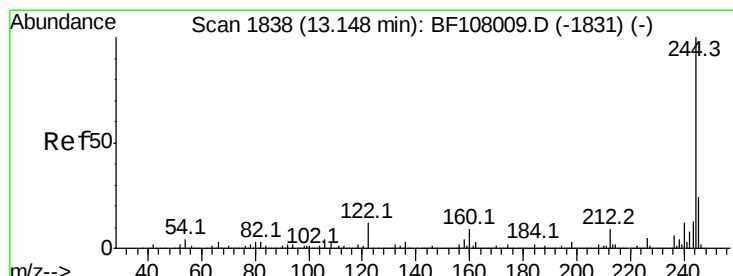
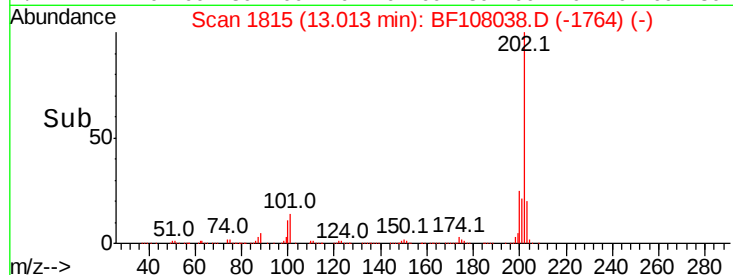
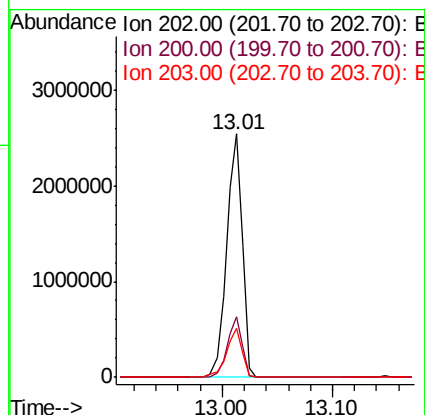
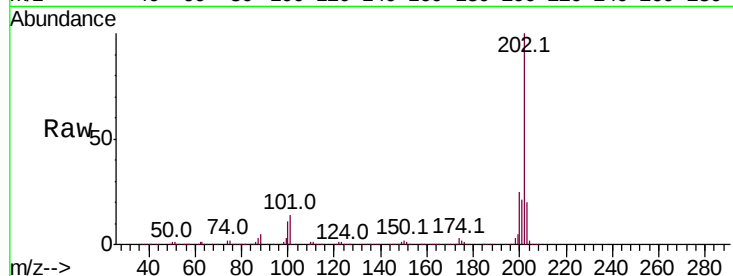




#77
Pvrene
Concen: 40.329 ng
RT: 13.01 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

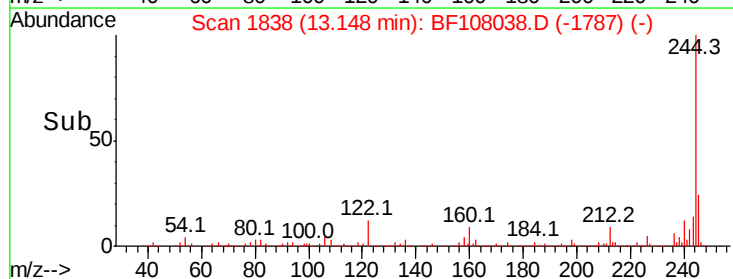
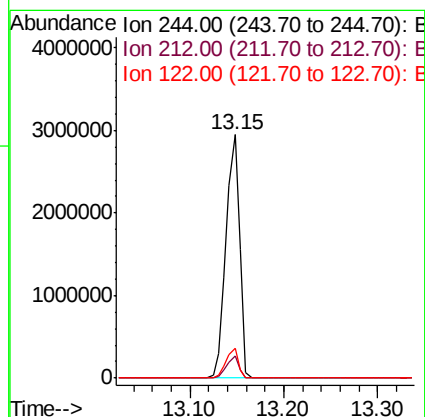
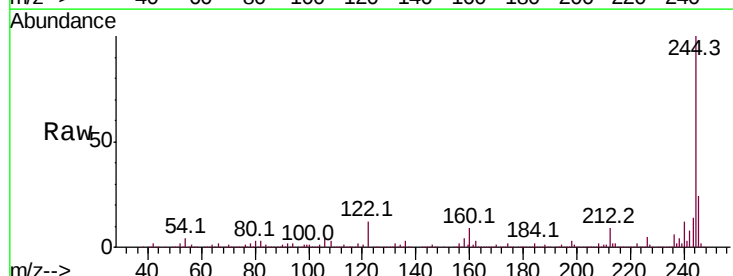
Instrument :
BNA_F
ClientSampleId :

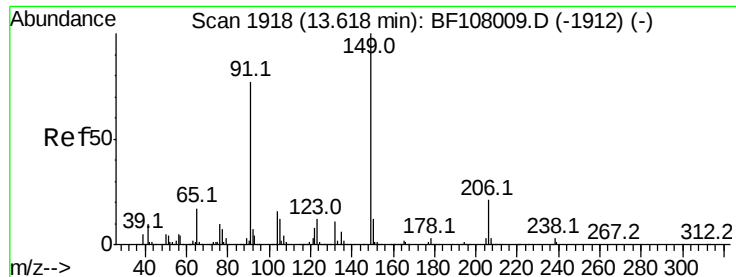
Tot Ion:202 Resp: 2506641
Ion Ratio Lower Upper
202 100
200 24.7 17.4 26.2
203 20.3 14.3 21.5



#78
Terphenyl-d14
Concen: 77.725 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion:244 Resp: 3001168
Ion Ratio Lower Upper
244 100
212 9.1 5.4 8.0#
122 12.0 11.0 16.4

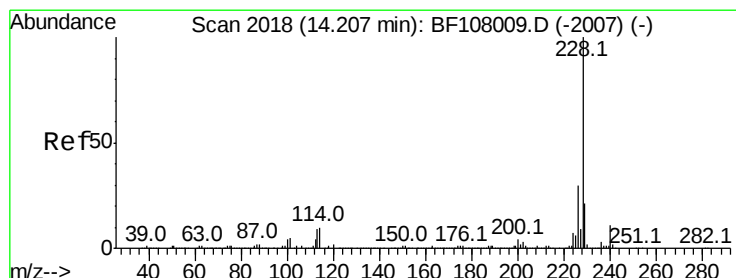
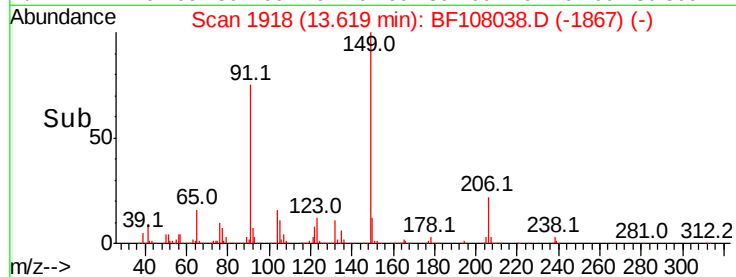
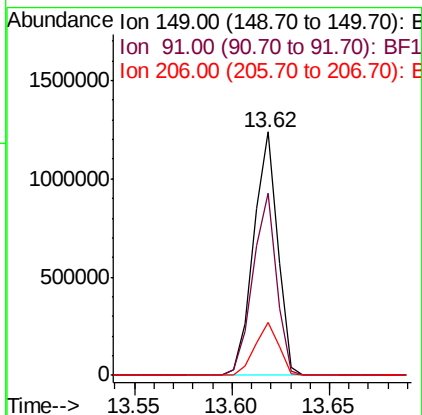
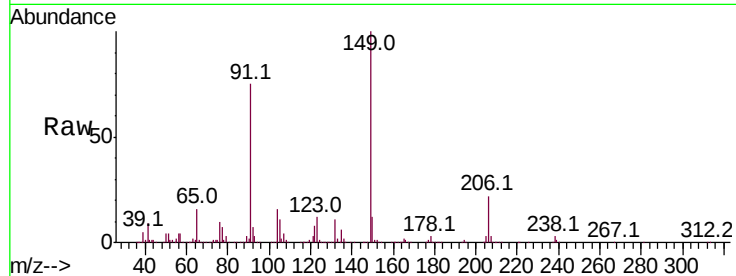




#79
Butylbenzylphthalate
Concen: 42.719 ng
RT: 13.62 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

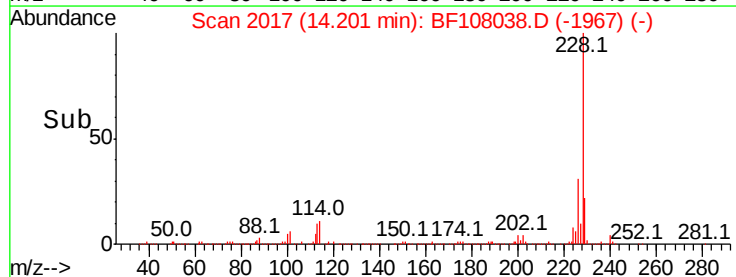
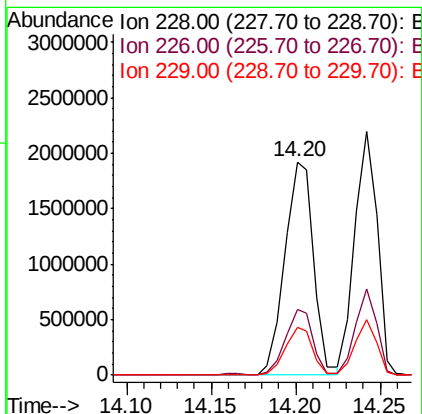
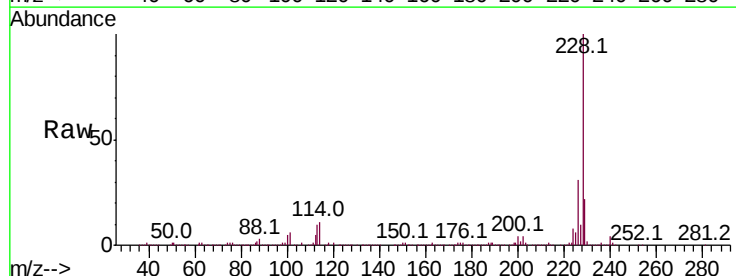
Instrument :
BNA_F
ClientSampleId :

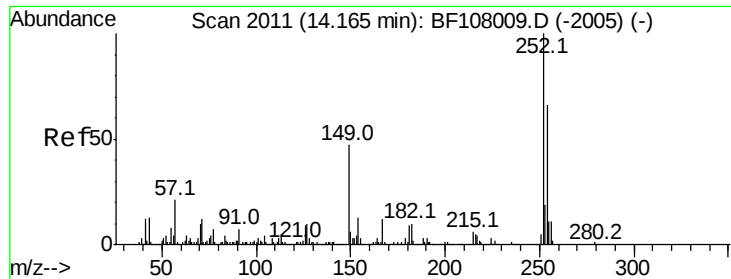
Tot Ion:149 Resp: 1054343
Ion Ratio Lower Upper
149 100
91 74.8 56.8 85.2
206 21.7 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 40.524 ng
RT: 14.20 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion:228 Resp: 2283198
Ion Ratio Lower Upper
228 100
226 30.6 22.6 33.8
229 22.2 15.8 23.6

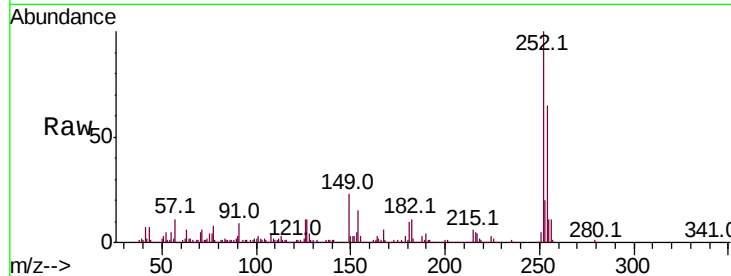




#81
 3,3'-Dichlorobenzidine
 Concen: 42.670 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.4	75.6
126	11.3	11.3	16.9#

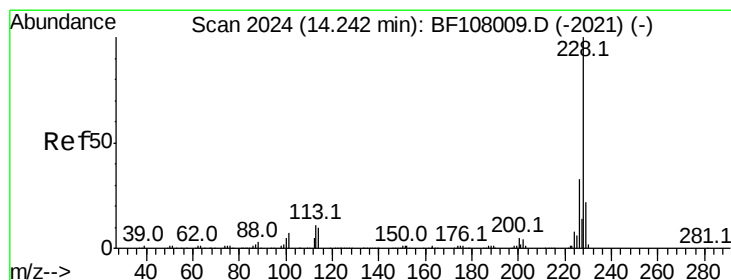
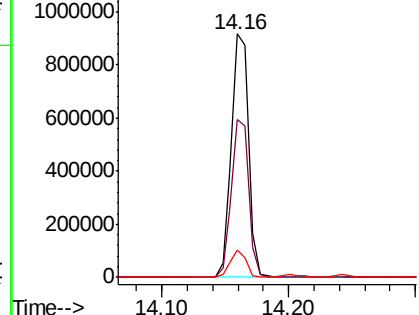
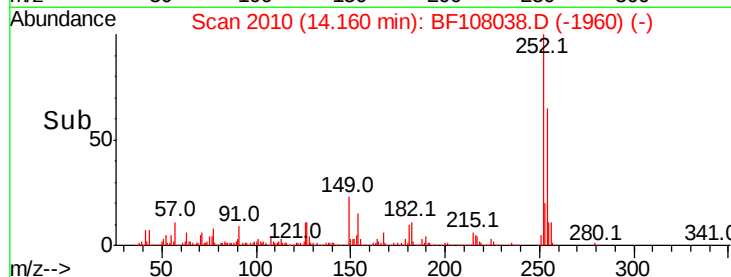


Abundance

Ion 252.00 (251.70 to 252.70): E

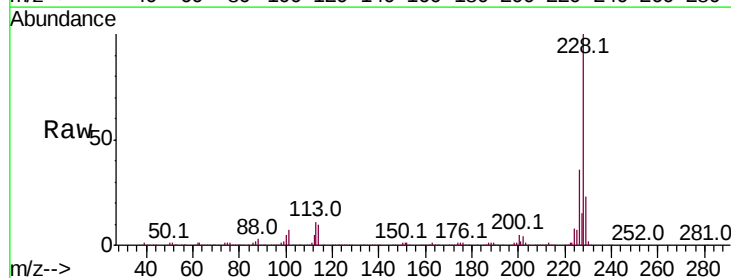
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 39.521 ng
 RT: 14.24 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.5	25.0	37.6
229	22.7	16.2	24.4

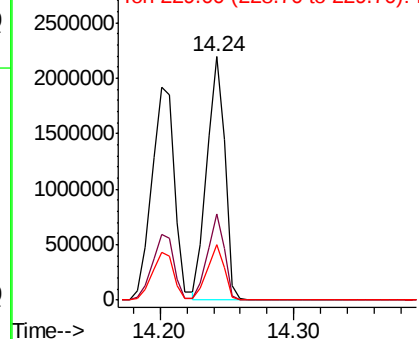
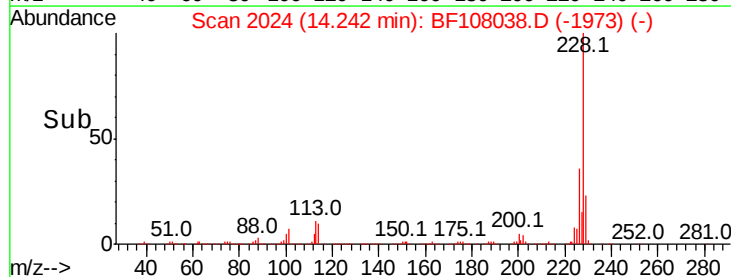


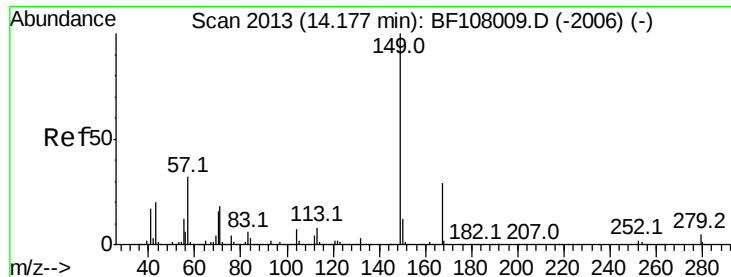
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

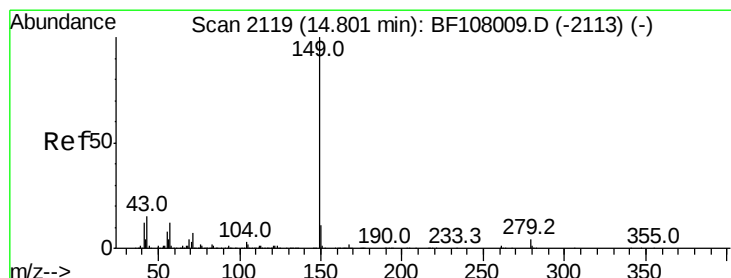
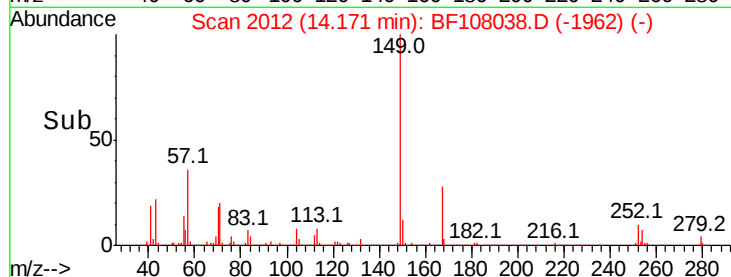
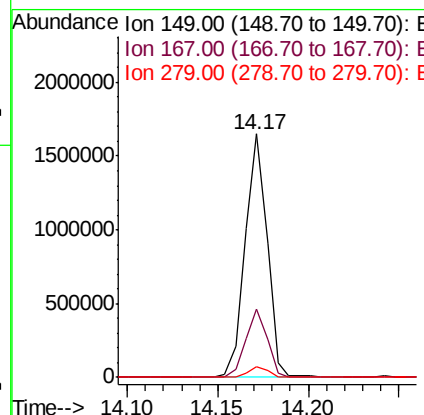
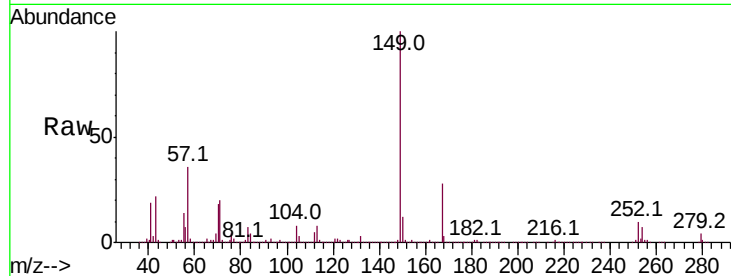




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.542 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

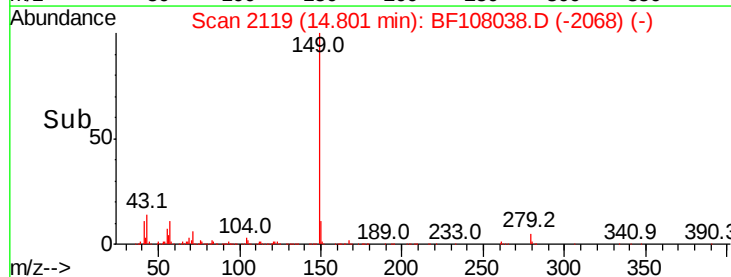
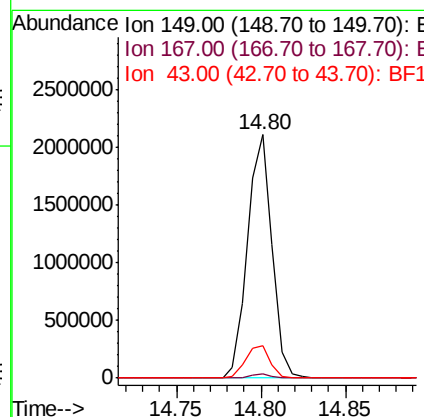
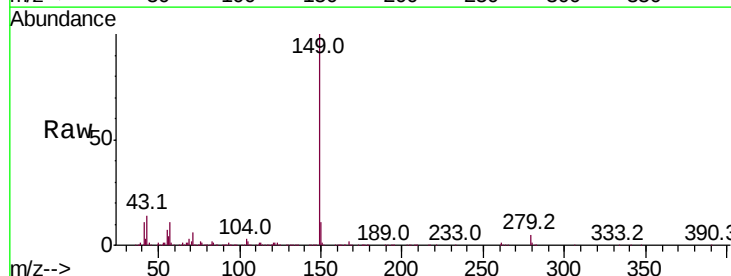
Instrument :
 BNA_F
 ClientSampleId :

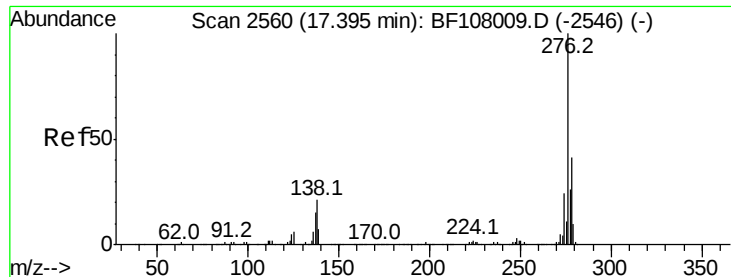
Tot Ion:149 Resp: 1388414
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.3 31.9
 279 4.3 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 41.686 ng
 RT: 14.80 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Tgt Ion:149 Resp: 2124804
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 13.6 8.4 12.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.552 ng

RT: 17.39 min Scan# 2559

Delta R.T. -0.01 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

Instrument :

BNA_F

ClientSampleId :

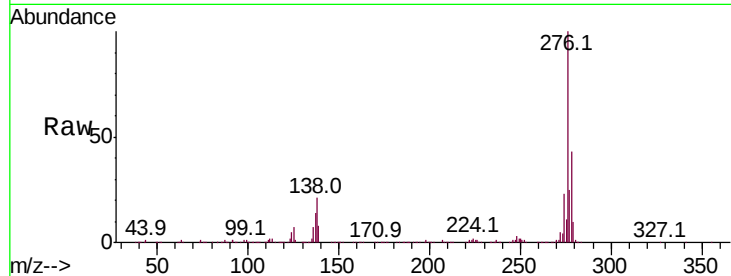
Tot Ion:276 Resp: 1770199

Ion Ratio Lower Upper

276 100

138 23.3 25.0 37.6#

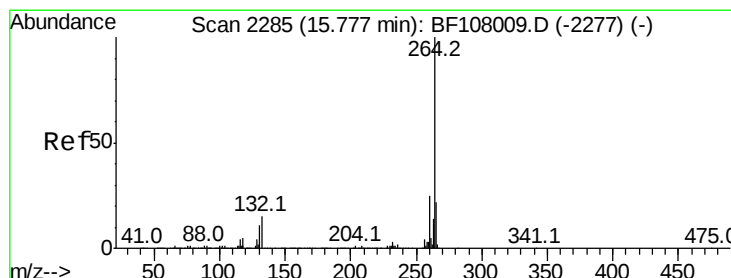
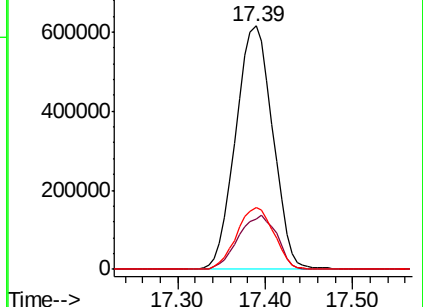
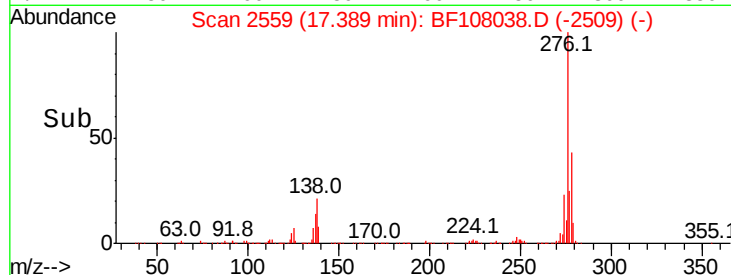
277 25.7 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.77 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

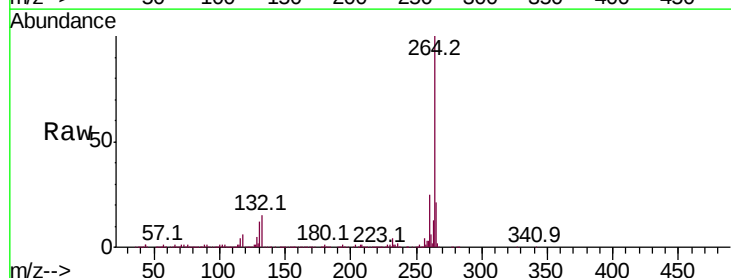
Tgt Ion:264 Resp: 838739

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

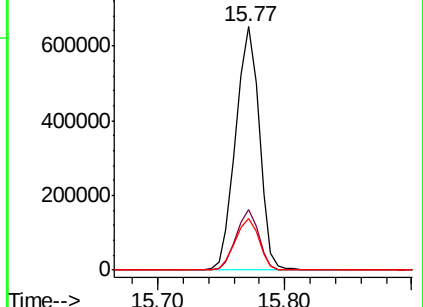
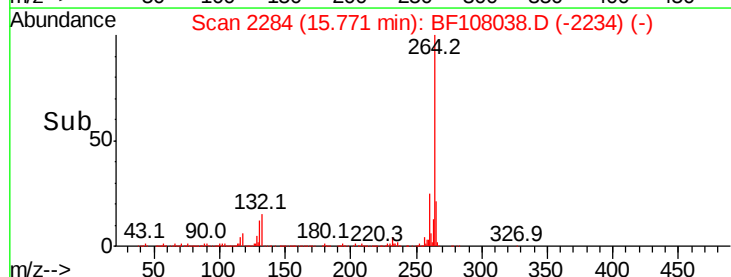
265 21.0 17.5 26.3

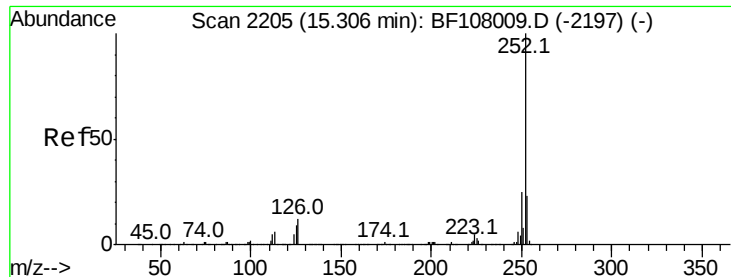


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

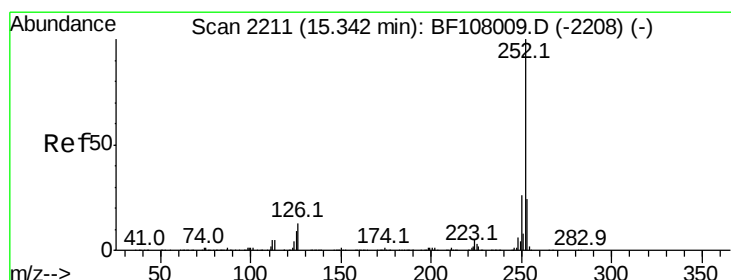
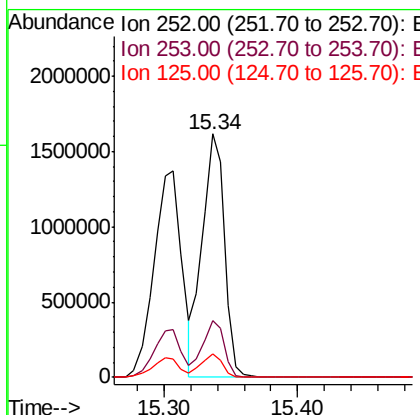
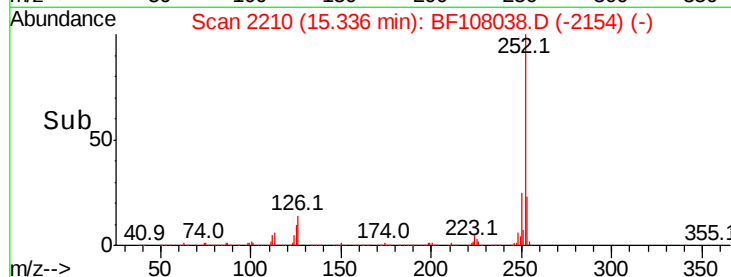
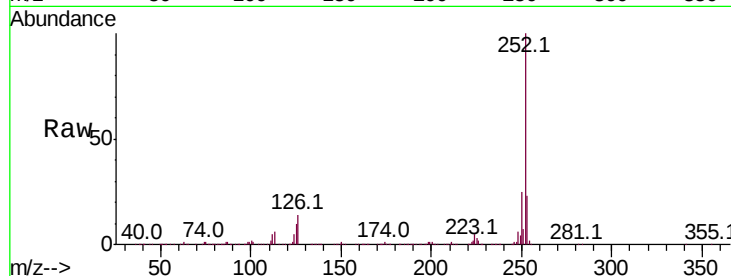




#87
Benzo(b)fluoranthene
Concen: 37.340 ng
RT: 15.34 min Scan# 2210
Delta R.T. 0.03 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

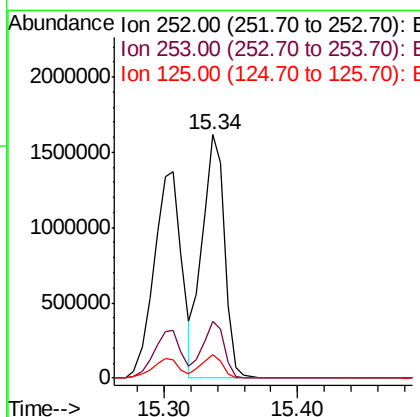
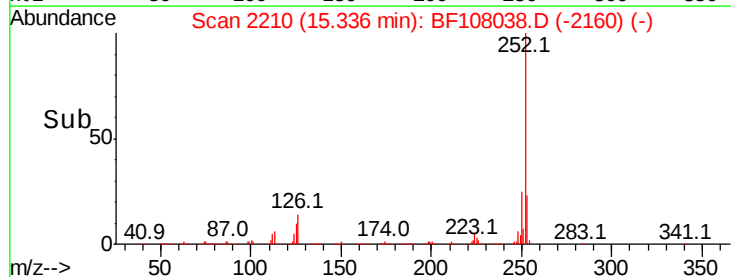
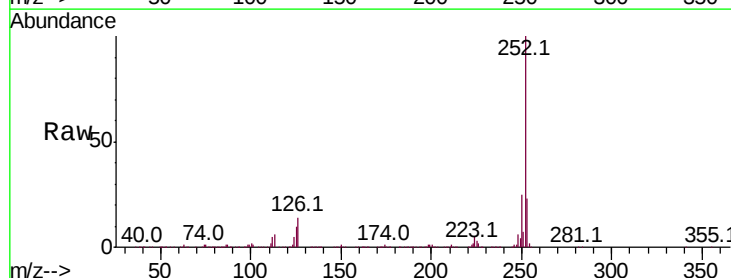
Instrument :
BNA_F
ClientSampleId :

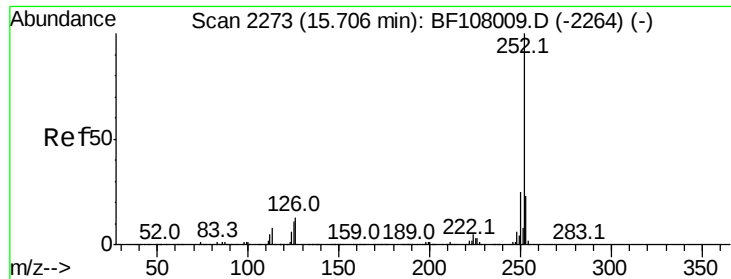
Tot Ion:252 Resp: 1871402
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.6
125 9.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.620 ng
RT: 15.34 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion:252 Resp: 1871402
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 9.6 10.2 15.2#

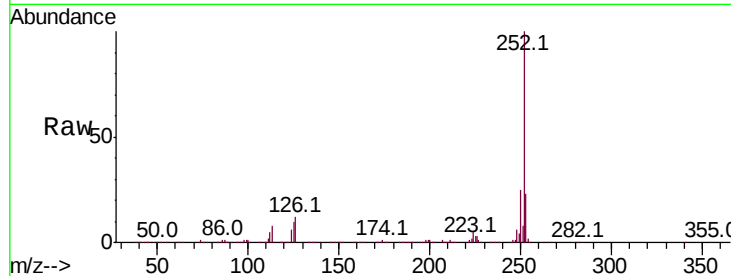




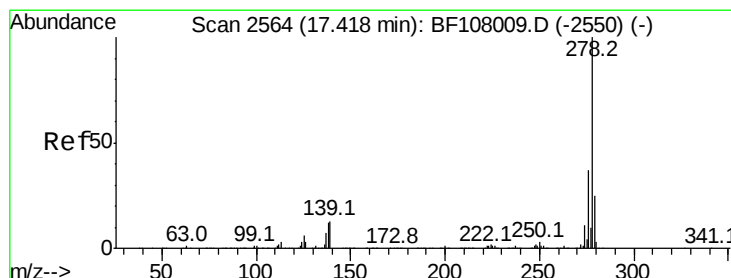
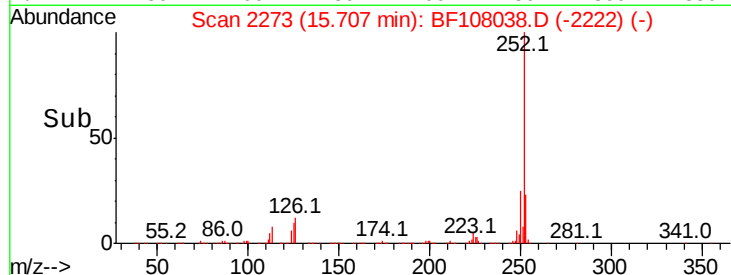
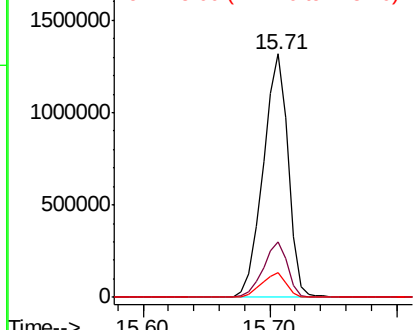
#89
Benzo(a)pyrene
Concen: 40.079 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1798709
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 10.0 9.8 14.6

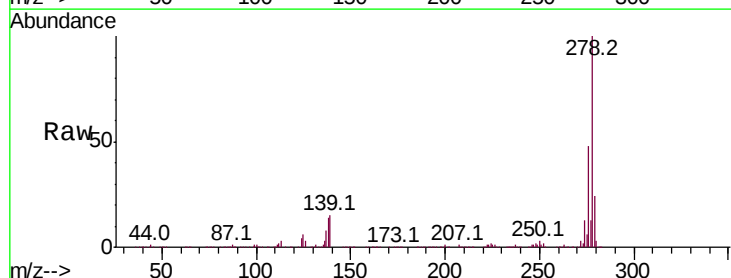


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

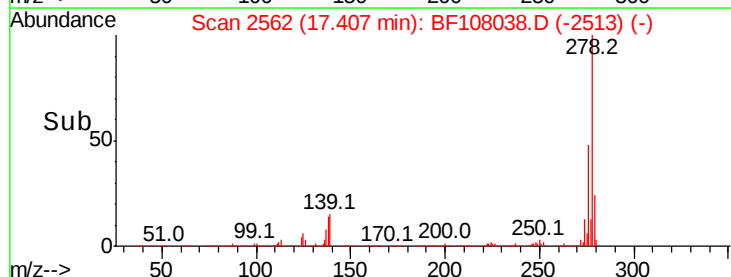
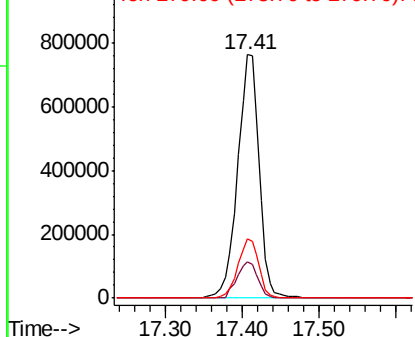


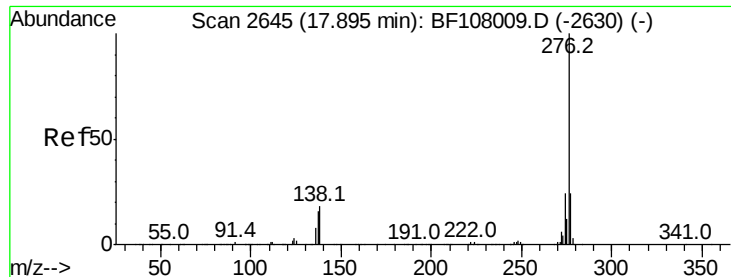
#90
Dibenzo(a,h)anthracene
Concen: 40.258 ng
RT: 17.41 min Scan# 2562
Delta R.T. -0.01 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion:278 Resp: 1494918
Ion Ratio Lower Upper
278 100
139 14.7 15.9 23.9#
279 24.3 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: 40.023 ng
 RT: 17.88 min Scan# 2643
 Delta R.T. -0.01 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1463446
 Ion Ratio Lower Upper
 276 100
 277 24.6 17.9 26.9
 138 19.6 21.8 32.8#

