

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
 Data File : BF108091.D
 Acq On : 10 Aug 2018 18:33
 Operator : JU/SJ
 Sample : J4272-01MS 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMS

Quant Time: Aug 10 23:11:49 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	7.02	152	270084	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	949370	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	413576	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	711557	20.00	ng	0.00
75) Chrysene-d12	14.22	240	644448	20.00	ng	0.00
86) Perylene-d12	15.79	264	457340	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	831284	55.72	ng	0.00
7) Phenol-d6	6.63	99	1083680	54.66	ng	0.00
23) Nitrobenzene-d5	7.58	82	682187	40.10	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	219438	53.19	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1137412	44.15	ng	0.00
78) Terphenyl-d14	13.15	244	1065578	42.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	92283	12.039	ng	# 83
3) Pyridine	3.68	79	276380	13.997	ng	# 84
4) n-Nitrosodimethylamine	3.63	42	169455	15.251	ng	81
6) Aniline	6.68	93	345423	12.810	ng	98
8) 2-Chlorophenol	6.80	128	300762	17.901	ng	97
9) Benzaldehyde	6.57	77	209419	13.625	ng	98
10) Phenol	6.64	94	390000	19.019	ng	93
11) bis(2-Chloroethyl)ether	6.75	93	296292	17.873	ng	96
12) 1,3-Dichlorobenzene	6.96	146	327306	16.848	ng	99
13) 1,4-Dichlorobenzene	7.04	146	332713	17.046	ng	97
14) 1,2-Dichlorobenzene	7.19	146	314635	17.330	ng	98
15) Benzyl Alcohol	7.15	79	283378	16.980	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	577309	16.904	ng	97
17) 2-Methylphenol	7.25	107	248432	17.242	ng	96
18) Hexachloroethane	7.53	117	98011	14.104	ng	92
19) n-Nitroso-di-n-propylamine	7.41	70	233570	17.423	ng	# 86
20) 3+4-Methylphenols	7.40	107	322708	17.478	ng	94
22) Acetophenone	7.42	105	443413	19.975	ng	# 92
24) Nitrobenzene	7.60	77	322047	18.719	ng	96
25) Isophorone	7.83	82	592088	18.258	ng	98
26) 2-Nitrophenol	7.91	139	118482	18.236	ng	90
27) 2,4-Dimethylphenol	7.94	122	265267	18.431	ng	98
28) bis(2-Chloroethoxy)methane	8.04	93	365450	19.305	ng	99
29) 2,4-Dichlorophenol	8.15	162	244446	18.456	ng	98
30) 1,2,4-Trichlorobenzene	8.24	180	266095	18.222	ng	95
31) Naphthalene	8.32	128	858299	19.879	ng	100
32) Benzoic acid	7.94	122	265267	33.782	ng	# 16
33) 4-Chloroaniline	8.37	127	267228	14.202	ng	99
34) Hexachlorobutadiene	8.44	225	171153	18.514	ng	99
35) Caprolactam	8.71	113	74810	18.024	ng	# 68
36) 4-Chloro-3-methylphenol	8.84	107	236304	16.538	ng	98
37) 2-Methylnaphthalene	9.01	142	554683	18.158	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	269770	21.241	ng	97
40) Hexachlorocyclopentadiene	9.17	237	20660	2.518	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	157205	19.947	ng	98
43) 2,4,5-Trichlorophenol	9.32	196	168693	19.444	ng	96
45) 1,1'-Biphenyl	9.48	154	658252	21.587	ng	99
46) 2-Chloronaphthalene	9.51	162	486690	20.194	ng	98
47) 2-Nitroaniline	9.60	65	155884	19.990	ng	94
48) Acenaphthylene	9.93	152	760414	19.958	ng	100
49) Dimethylphthalate	9.77	163	665111	23.087	ng #	99
50) 2,6-Dinitrotoluene	9.84	165	114450	18.988	ng #	85
51) Acenaphthene	10.10	154	468416	20.072	ng	98
52) 3-Nitroaniline	10.01	138	114529	17.367	ng	90
53) 2,4-Dinitrophenol	10.11	184	1935	7.803	ng #	1
54) Dibenzofuran	10.27	168	673595	19.923	ng	98
55) 4-Nitrophenol	10.15	139	147625	29.561	ng #	80
56) 2,4-Dinitrotoluene	10.24	165	135577	17.475	ng #	94
57) Fluorene	10.62	166	533228	19.923	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	124939	17.229	ng #	89
59) Diethylphthalate	10.48	149	555693	19.920	ng	96
60) 4-Chlorophenyl-phenylether	10.61	204	255482	18.319	ng	91
61) 4-Nitroaniline	10.62	138	112664	17.280	ng	97
62) Azobenzene	10.77	77	511416	17.751	ng	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	4663	6.909	ng #	51
65) n-Nitrosodiphenylamine	10.72	169	456097	21.691	ng	95
66) 4-Bromophenyl-phenylether	11.10	248	155622	20.125	ng #	84
67) Hexachlorobenzene	11.17	284	148421	18.242	ng	90
68) Atrazine	11.24	200	154356	21.886	ng	97
69) Pentachlorophenol	11.36	266	125363	32.192	ng	97
70) Phenanthrene	11.59	178	1124201	33.497	ng	99
71) Anthracene	11.64	178	822201	23.902	ng	100
72) Carbazole	11.79	167	623125	20.389	ng	100
73) Di-n-butylphthalate	12.11	149	786816	22.729	ng	99
74) Fluoranthene	12.78	202	1224595	33.433	ng	96
76) Benzidine	12.91	184	415962	17.275	ng	98
77) Pyrene	13.02	202	1221933	29.949	ng	99
79) Butylbenzylphthalate	13.62	149	314099	19.387	ng #	96
80) Benzo(a)anthracene	14.21	228	928859	25.115	ng	99
81) 3,3'-Dichlorobenzidine	14.17	252	201402	15.195	ng #	98
82) Chrysene	14.25	228	821828	24.237	ng	99
83) Bis(2-ethylhexyl)phthalate	14.18	149	466480	21.262	ng	99
84) Di-n-octyl phthalate	14.81	149	794591	23.748	ng #	93
85) Indeno(1,2,3-cd)pyrene	17.42	276	461707	15.715	ng #	91
87) Benzo(b)fluoranthene	15.32	252	694623	25.418	ng	96
88) Benzo(k)fluoranthene	15.35	252	605333	24.097	ng	97
89) Benzo(a)pyrene	15.72	252	584526	23.886	ng	97
90) Dibenzo(a,h)anthracene	17.44	278	354053	17.486	ng #	95
91) Benzo(g,h,i)perylene	17.91	276	384804	19.300	ng #	89

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

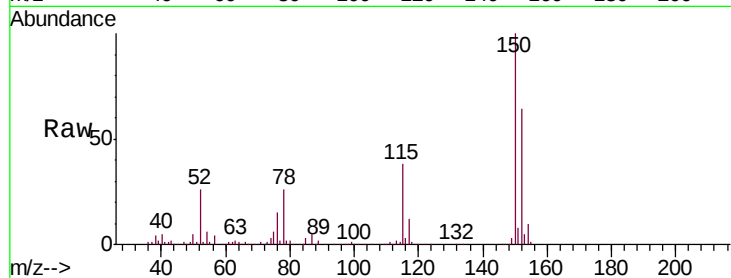


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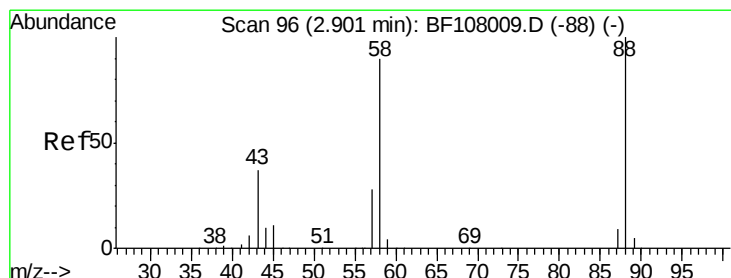
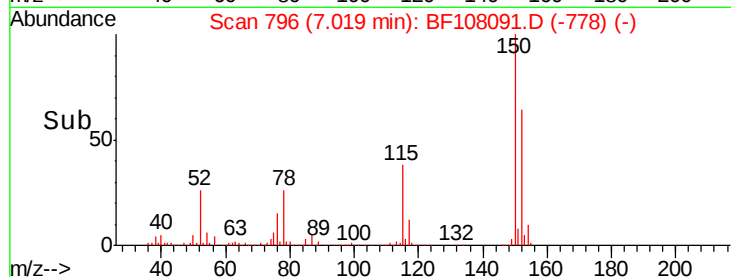
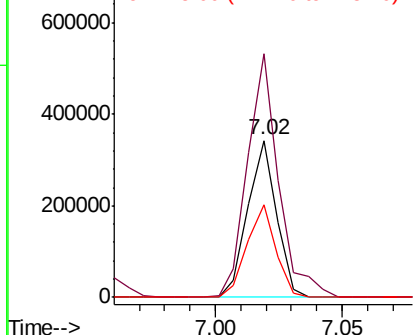
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

Tgt Ion:152 Resp: 270084
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 59.5 50.1 75.1



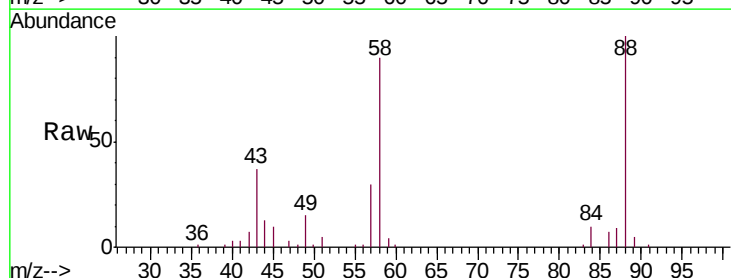
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



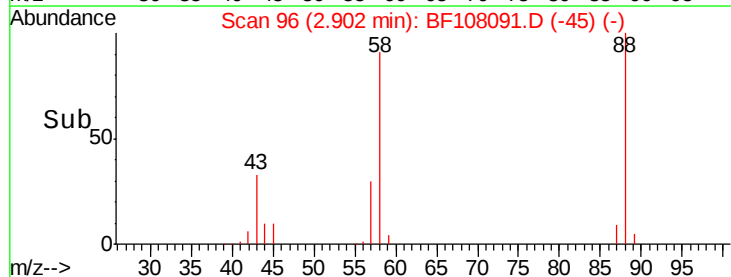
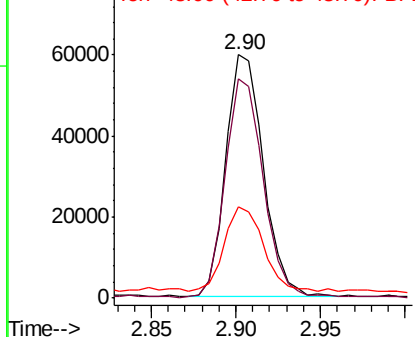
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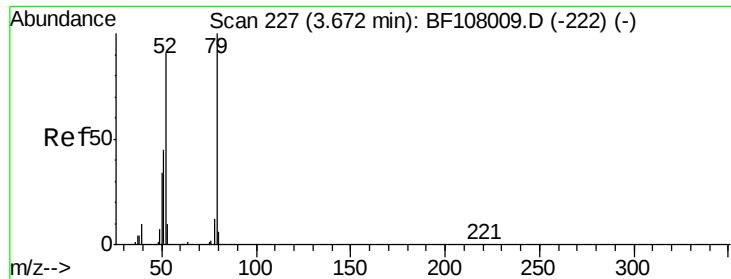
1,4-Dioxane
Concen: 12.039 ng
RT: 2.90 min Scan# 96
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion: 88 Resp: 92283
Ion Ratio Lower Upper
88 100
58 93.0 62.6 93.8
43 39.5 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

Pyridine

Concen: 13.997 ng

RT: 3.68 min Scan# 229

Delta R.T. 0.01 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMS

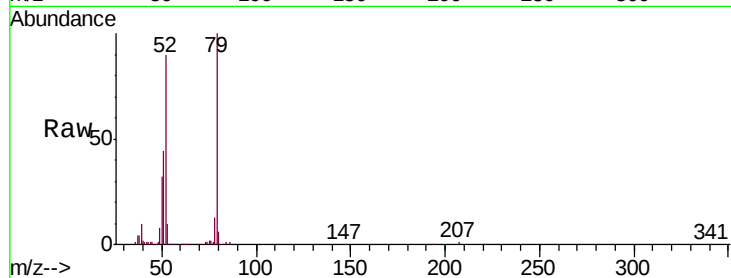
Tgt Ion: 79 Resp: 276380

Ion Ratio Lower Upper

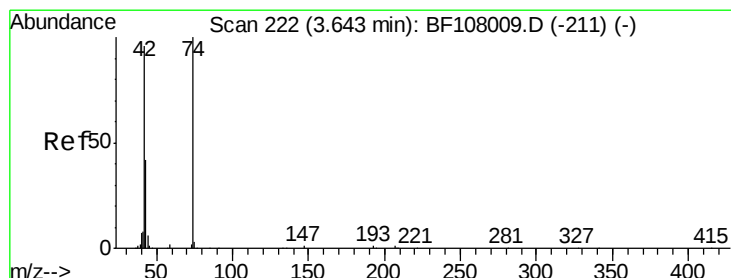
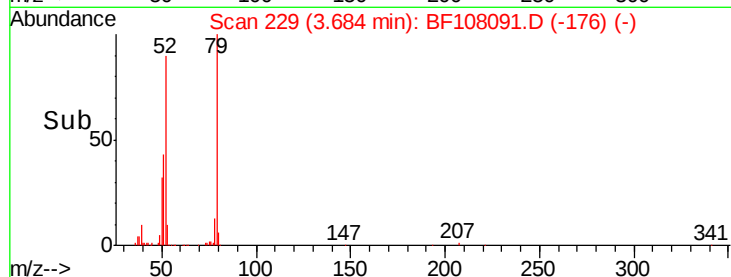
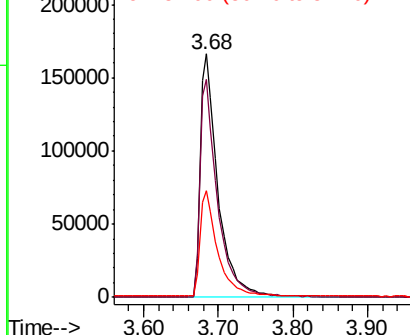
79 100

52 89.8 59.8 89.6#

51 43.9 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 15.251 ng

RT: 3.63 min Scan# 220

Delta R.T. -0.01 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

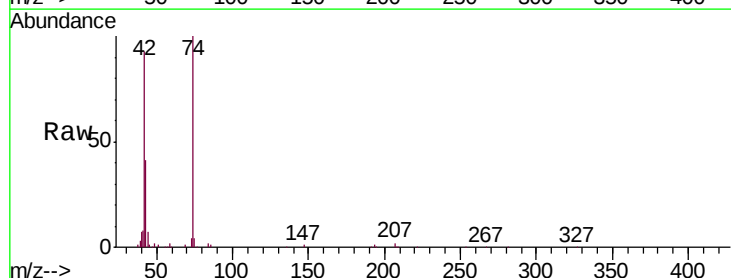
Tgt Ion: 42 Resp: 169455

Ion Ratio Lower Upper

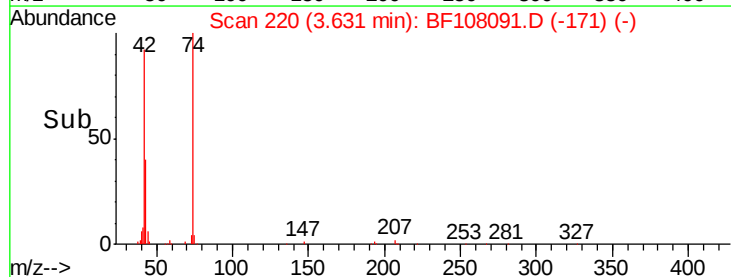
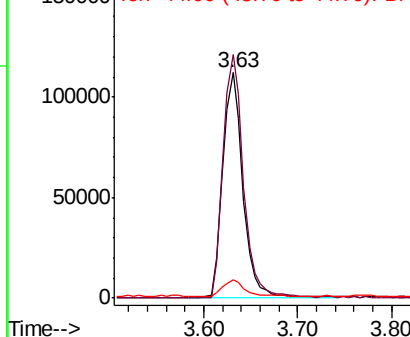
42 100

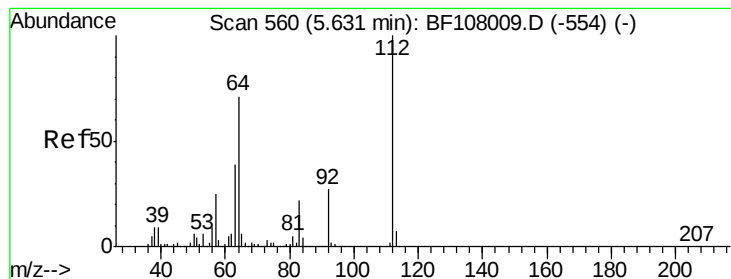
74 108.1 104.9 157.3

44 7.9 6.9 10.3



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

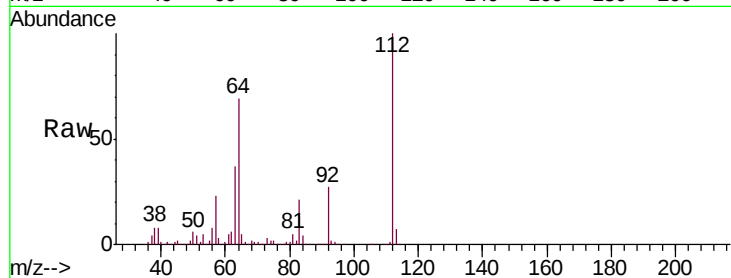




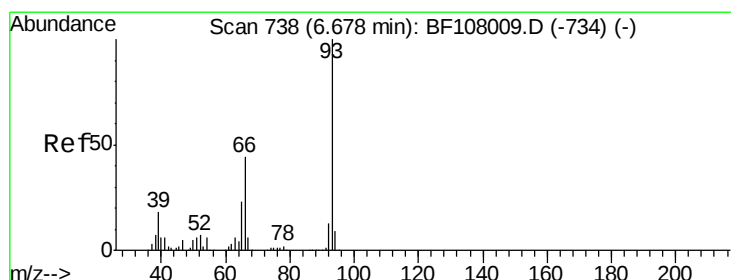
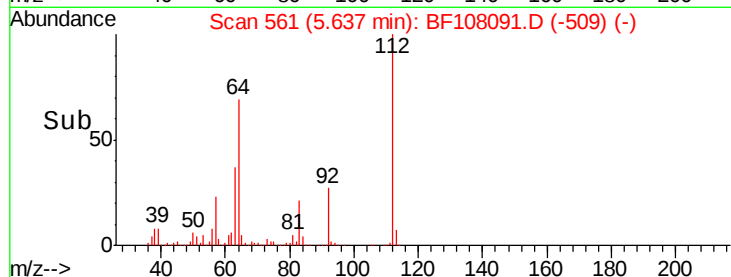
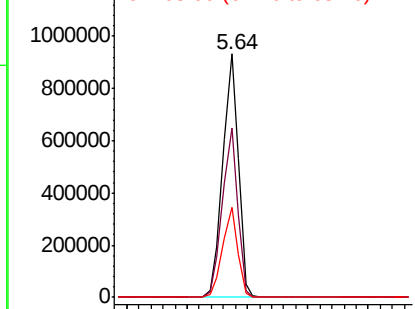
#5
 2-Fluorophenol
 Concen: 55.723 ng
 RT: 5.64 min Scan# 561
 Delta R.T. 0.01 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Instrument :
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 JC-03-080918-AMS

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	47.9	71.9
63	36.8	23.7	35.5

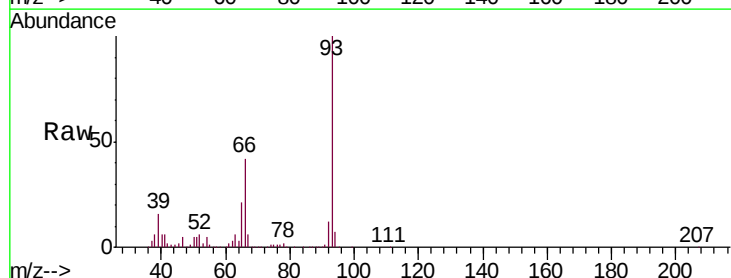


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

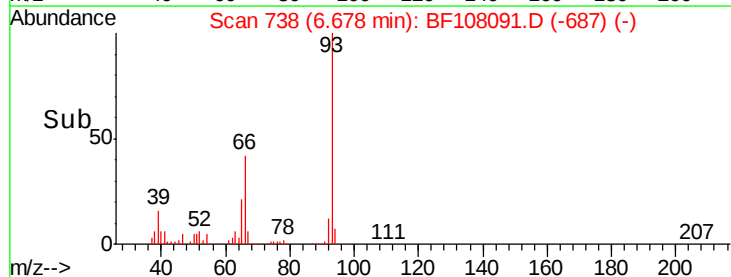
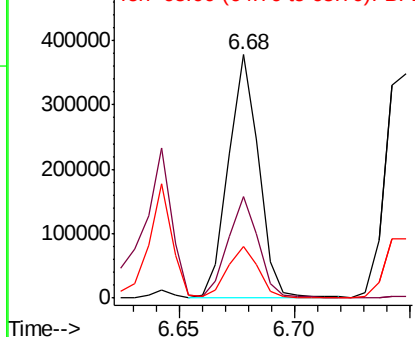


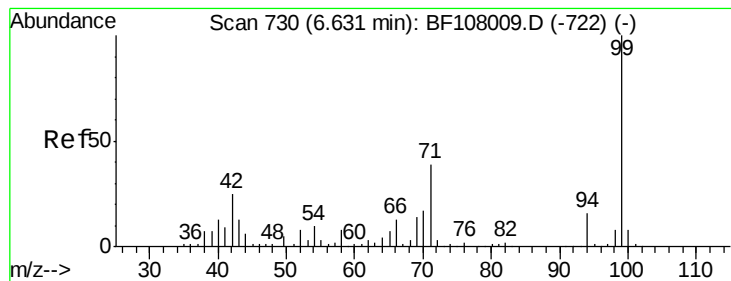
#6
 Aniline
 Concen: 12.810 ng
 RT: 6.68 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Lower	Upper
93	100		
66	41.6	32.2	48.2
65	21.2	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 66.00 (65.70 to 66.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 54.665 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMS

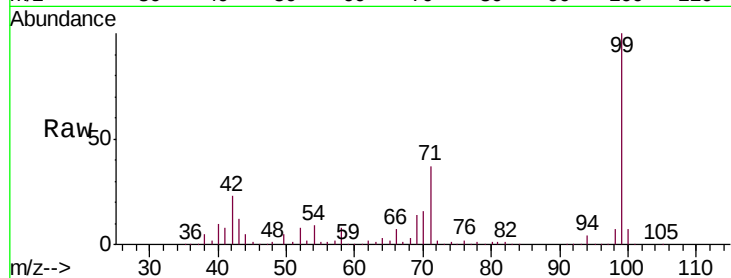
Tgt Ion: 99 Resp: 1083680

Ion Ratio Lower Upper

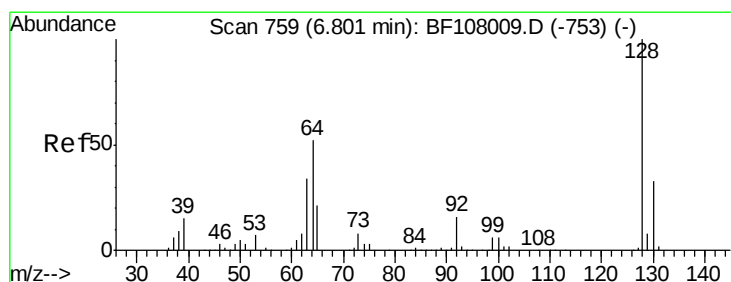
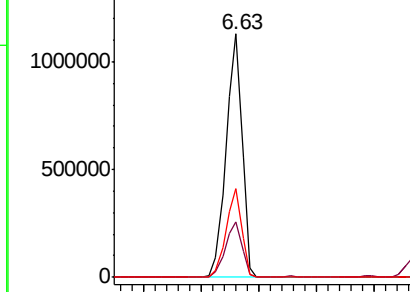
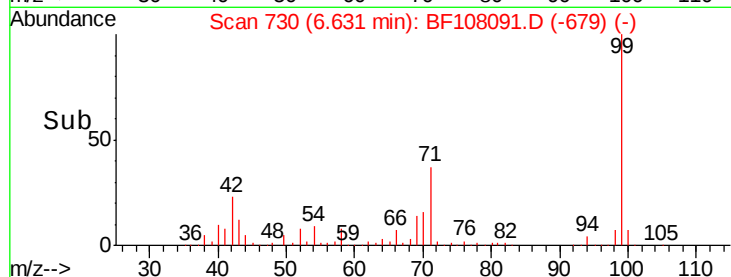
99 100

42 22.7 14.5 21.7#

71 36.7 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: 17.901 ng

RT: 6.80 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

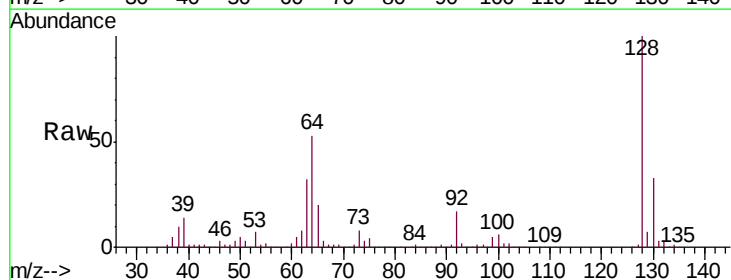
Tgt Ion: 128 Resp: 300762

Ion Ratio Lower Upper

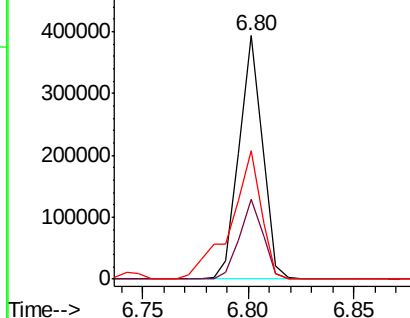
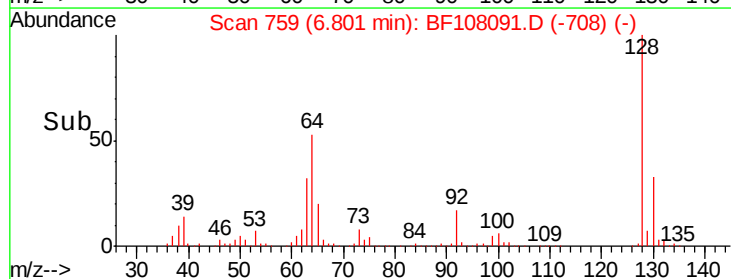
128 100

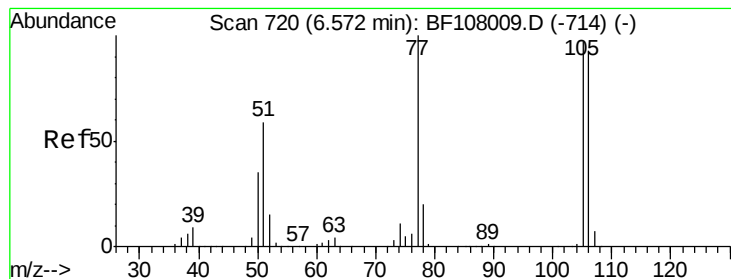
130 32.6 13.0 53.0

64 52.8 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: 13.625 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMS

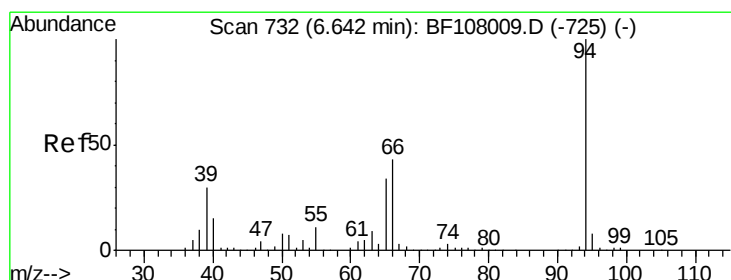
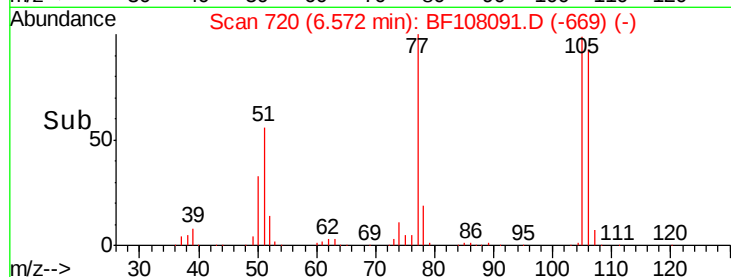
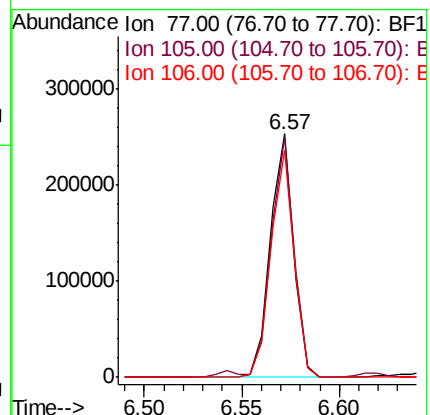
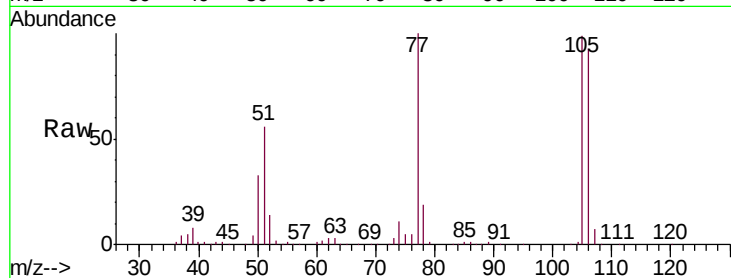
Tgt Ion: 77 Resp: 209419

Ion Ratio Lower Upper

77 100

105 98.5 81.1 121.1

106 93.4 74.5 114.5



#10

Phenol

Concen: 19.019 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

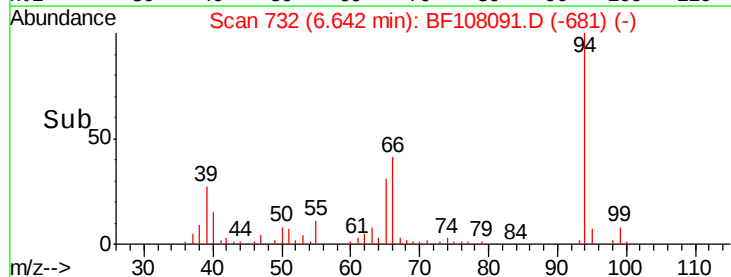
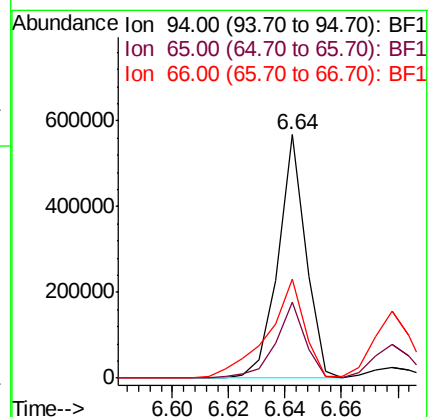
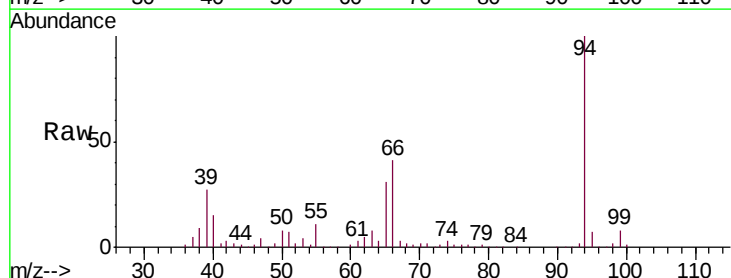
Tgt Ion: 94 Resp: 390000

Ion Ratio Lower Upper

94 100

65 31.2 7.9 47.9

66 40.9 16.2 56.2

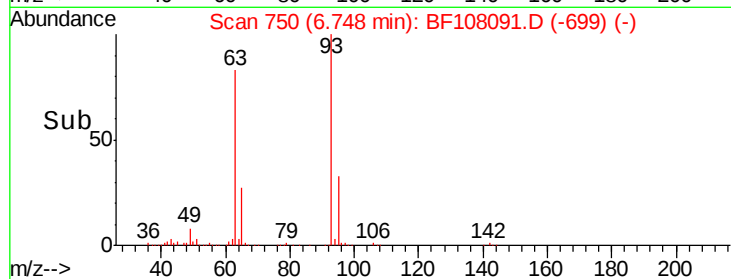
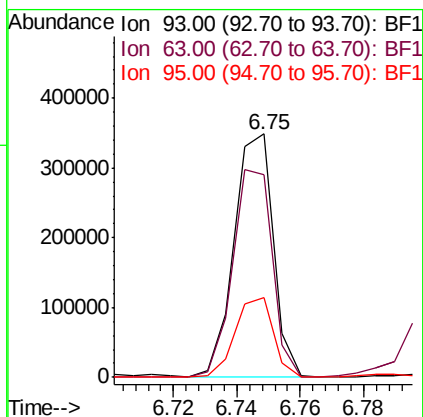
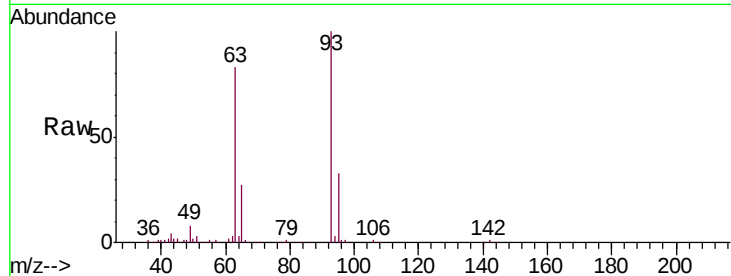




#11
 bis(2-Chloroethyl)ether
 Concen: 17.873 ng
 RT: 6.75 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

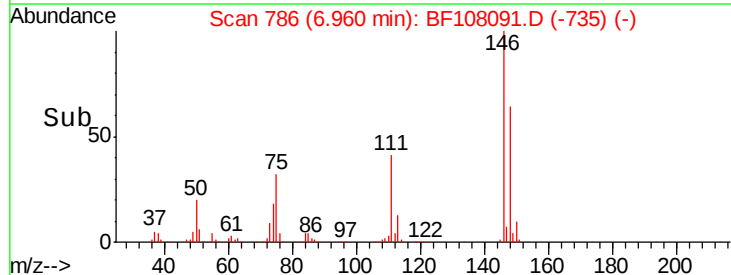
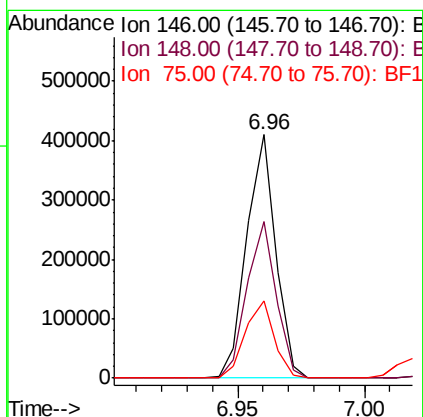
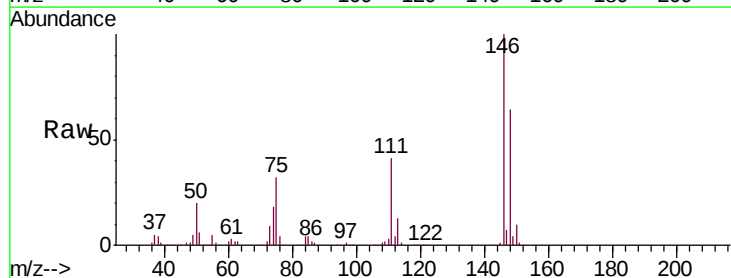
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMS

Tgt Ion:	93	Resp:	296292
Ion	Ratio	Lower	Upper
93	100		
63	83.2	58.6	98.6
95	33.0	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 16.848 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Tgt Ion:	146	Resp:	327306
Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.8
75	31.6	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 17.046 ng

RT: 7.04 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMS

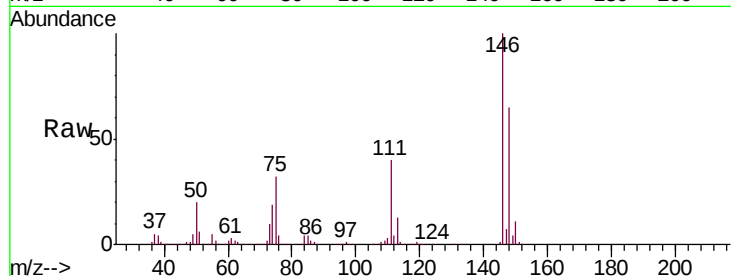
Tgt Ion:146 Resp: 332713

Ion Ratio Lower Upper

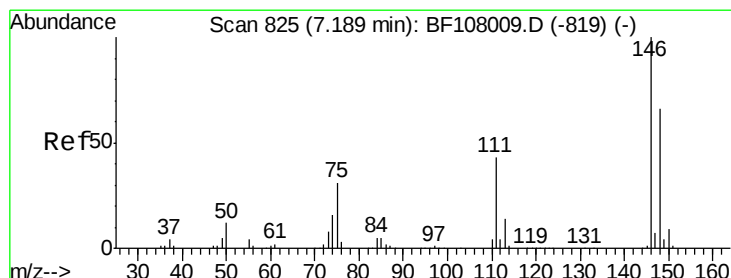
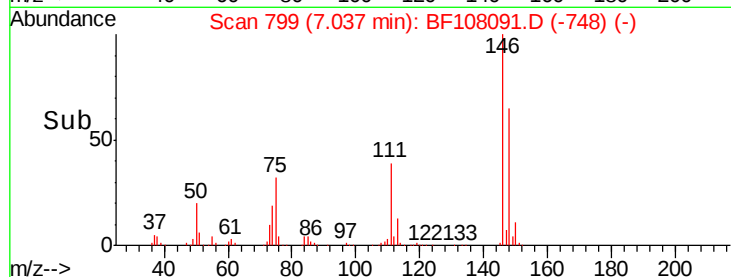
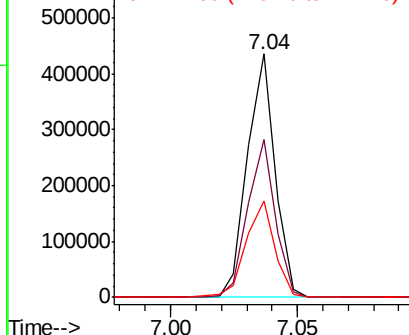
146 100

148 64.6 50.8 76.2

111 39.6 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: 17.330 ng

RT: 7.19 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

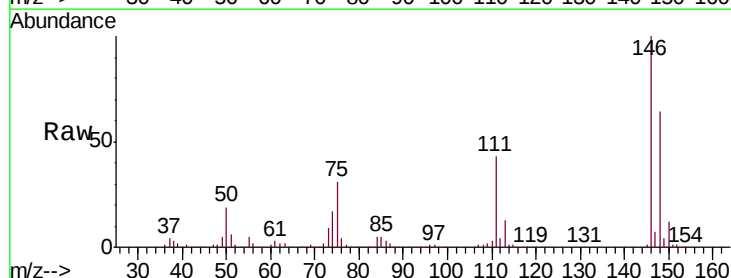
Tgt Ion:146 Resp: 314635

Ion Ratio Lower Upper

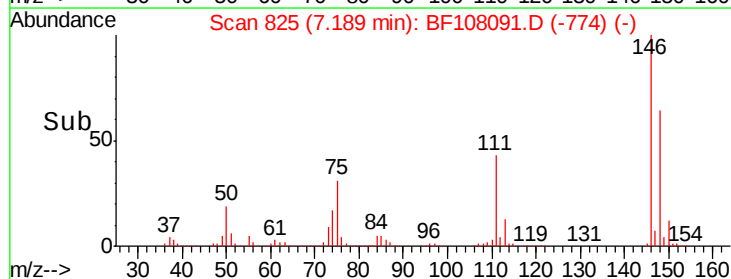
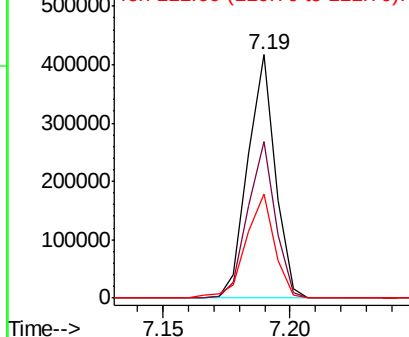
146 100

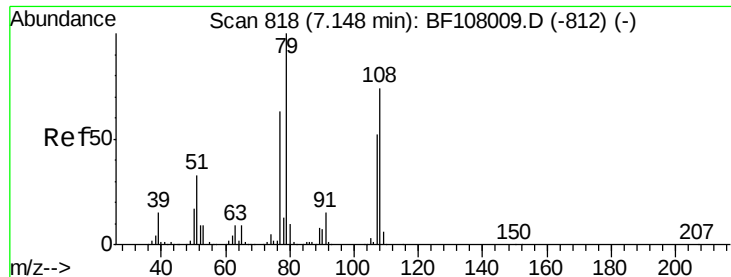
148 64.4 50.6 75.8

111 42.6 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: 16.980 ng

RT: 7.15 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMS

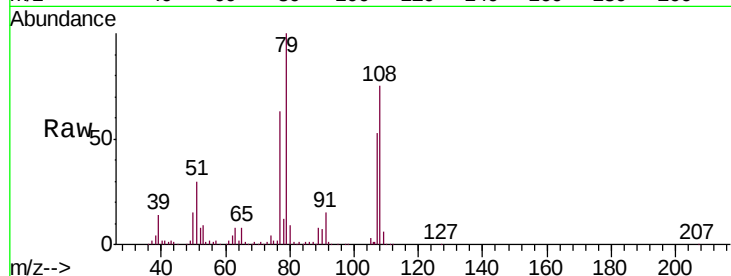
Tgt Ion: 79 Resp: 283378

Ion Ratio Lower Upper

79 100

108 75.4 65.1 97.7

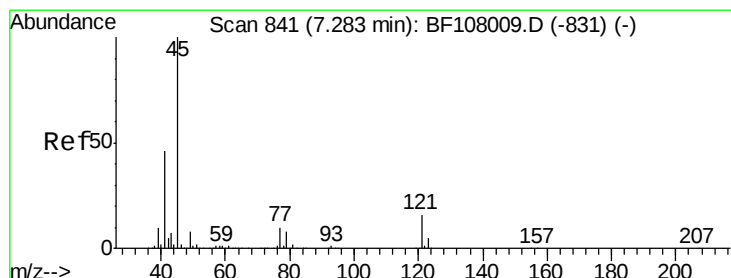
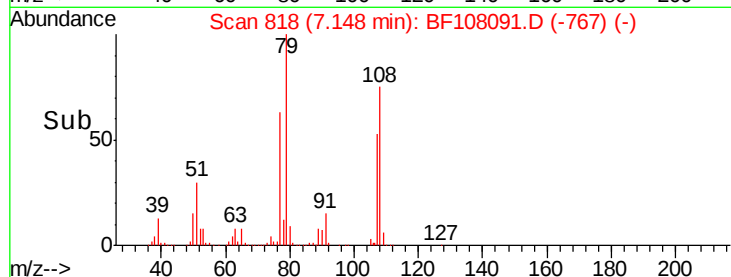
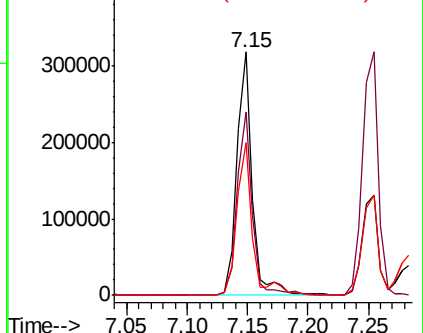
77 62.9 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 16.904 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

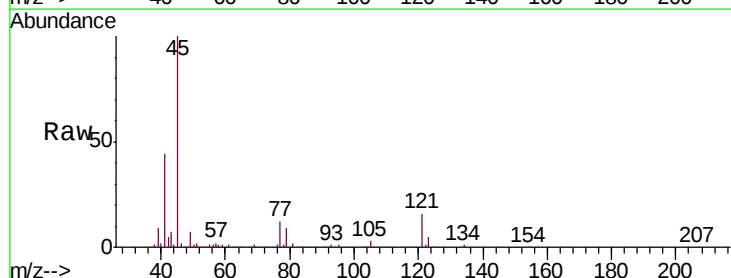
Tgt Ion: 45 Resp: 577309

Ion Ratio Lower Upper

45 100

77 11.5 0.0 32.9

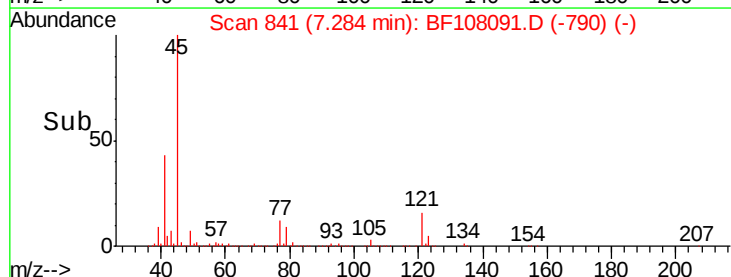
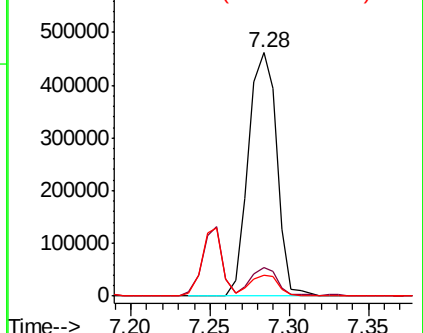
79 8.6 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

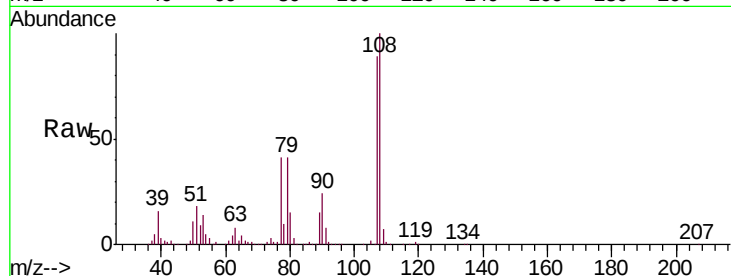




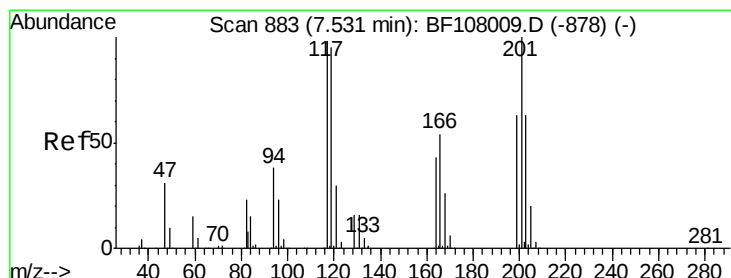
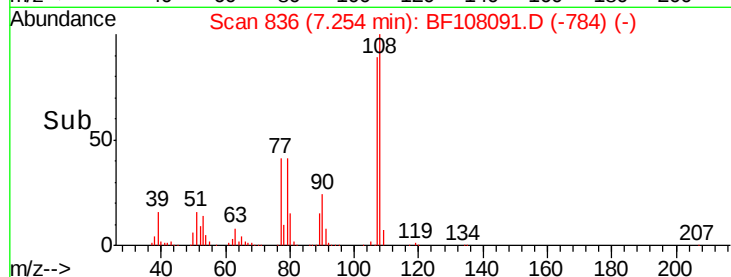
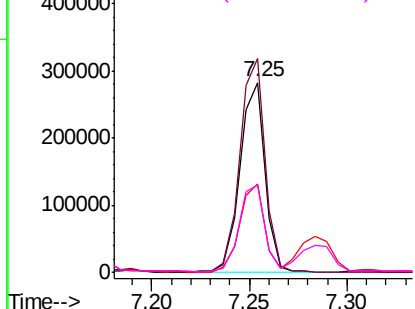
#17
2-Methylphenol
Concen: 17.242 ng
RT: 7.25 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

Tgt Ion:	107	Resp:	248432
Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.7	137.5
77	46.8	33.8	50.8
79	46.3	33.8	50.8

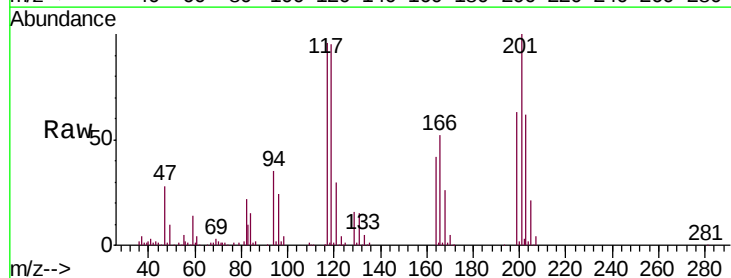


Abundance Ion 107.00 (106.70 to 107.70): E
500000 Ion 108.00 (107.70 to 108.70): E
400000 Ion 77.00 (76.70 to 77.70): BF1
300000 Ion 79.00 (78.70 to 79.70): BF1
200000
100000
0

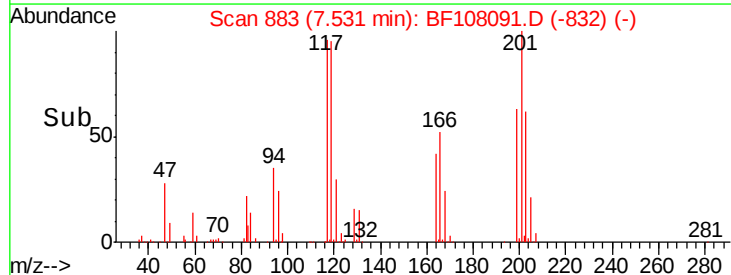
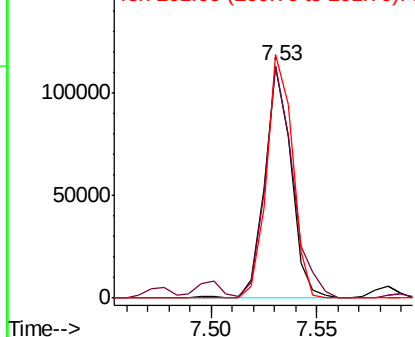


#18
Hexachloroethane
Concen: 14.104 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion:	117	Resp:	98011
Ion	Ratio	Lower	Upper
117	100		
119	99.8	75.8	113.8
201	104.6	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
150000 Ion 119.00 (118.70 to 119.70): E
100000 Ion 201.00 (200.70 to 201.70): E
50000
0

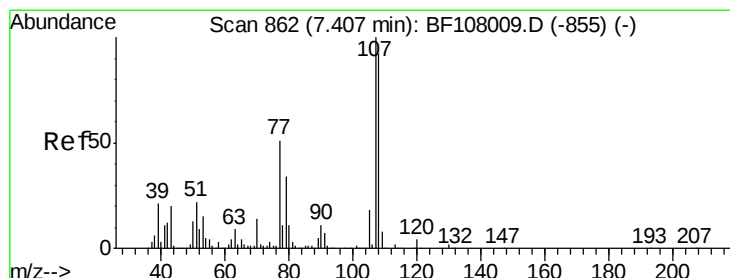
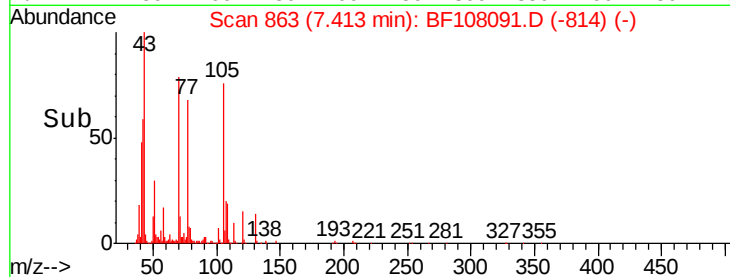
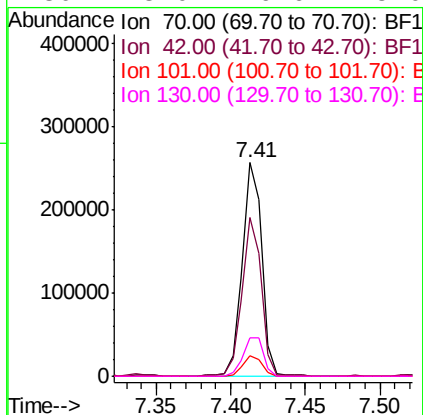
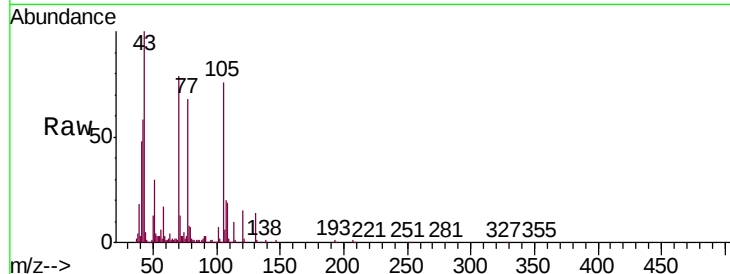




#19
n-Nitroso-di-n-propylamine
Concen: 17.423 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

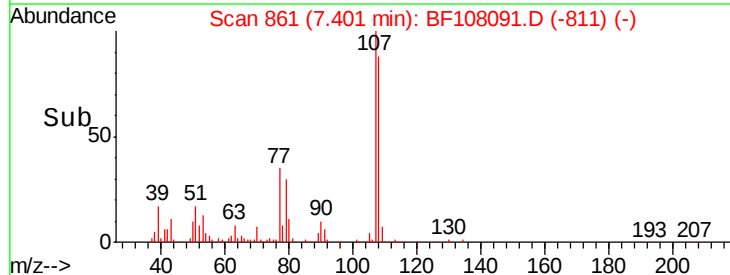
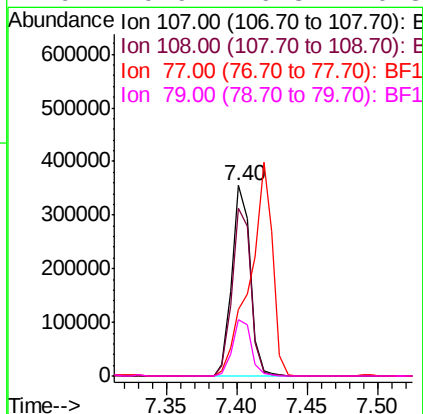
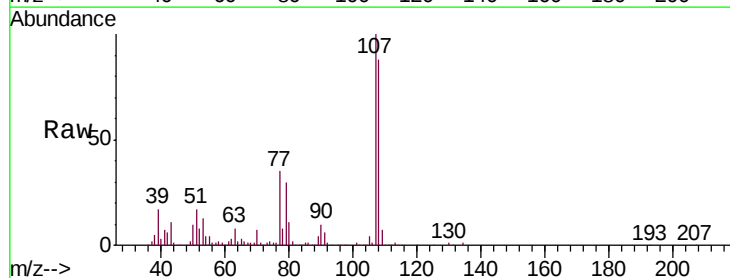
Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

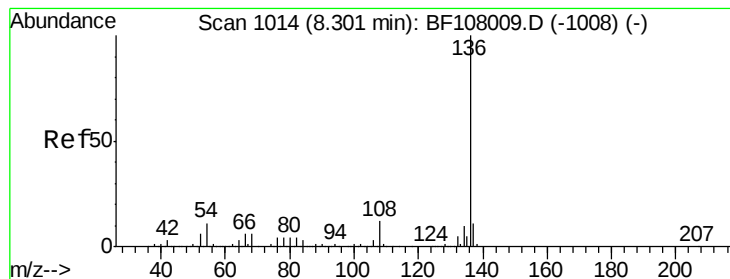
Tgt Ion: 70 Resp: 233570
Ion Ratio Lower Upper
70 100
42 74.2 47.5 71.3#
101 9.4 7.4 11.2
130 18.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 17.478 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion: 107 Resp: 322708
Ion Ratio Lower Upper
107 100
108 87.8 68.2 108.2
77 35.0 26.7 66.7
79 29.9 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMS

Tgt Ion:136 Resp: 949370

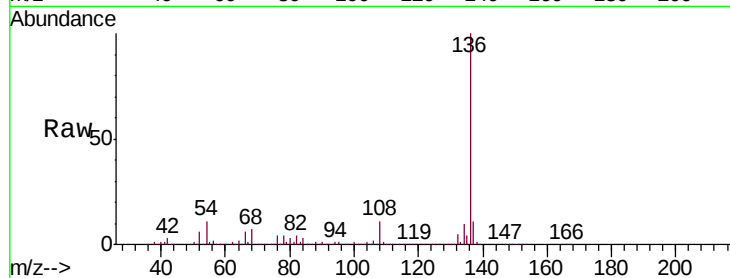
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 10.7 6.6 9.8#

68 6.8 5.0 7.4

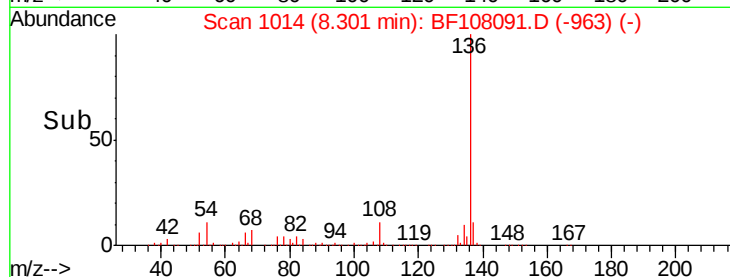


Abundance Ion 136.00 (135.70 to 136.70): E

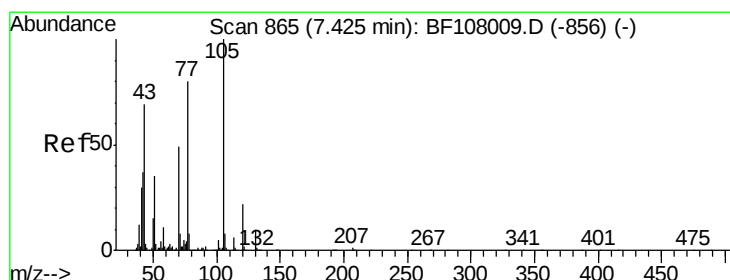
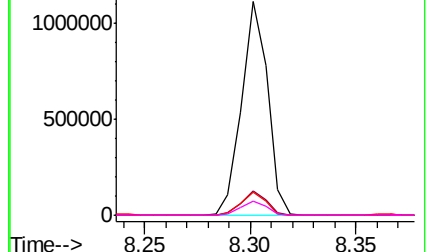
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 19.975 ng

RT: 7.42 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Tgt Ion:105 Resp: 443413

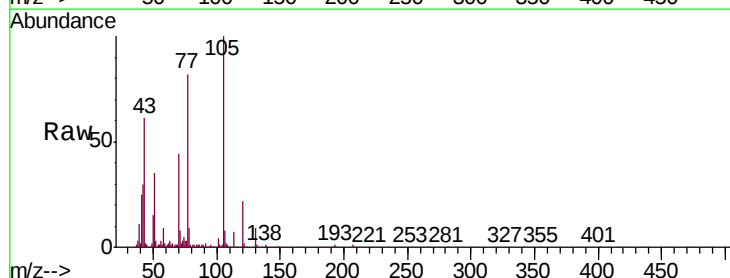
Ion Ratio Lower Upper

105 100

71 7.6 4.4 6.6#

51 35.0 22.3 33.5#

120 21.9 16.9 25.3

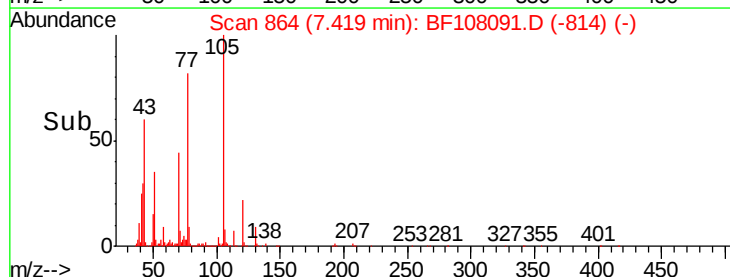


Abundance Ion 105.00 (104.70 to 105.70): E

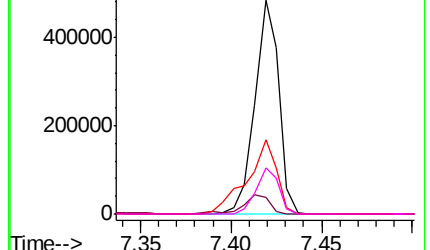
Ion 71.00 (70.70 to 71.70): BF1

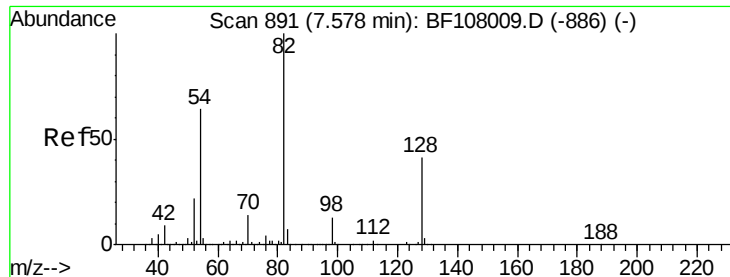
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

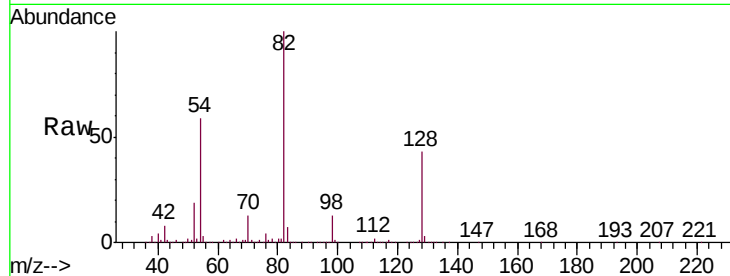




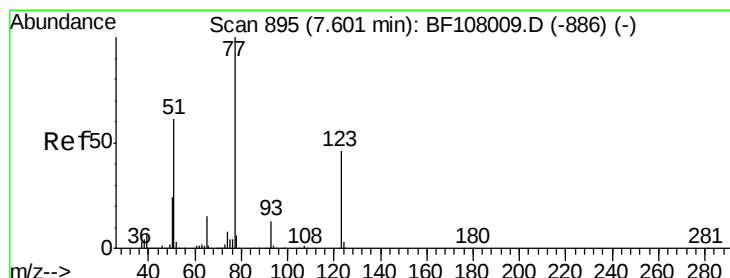
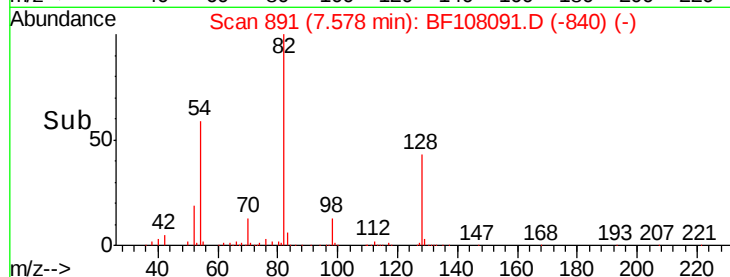
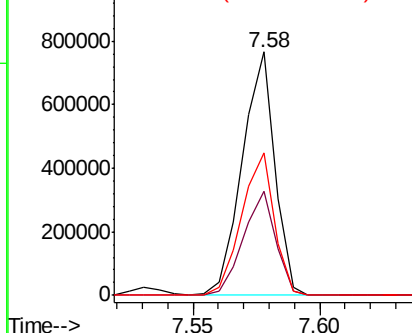
#23
 Nitrobenzene-d5
 Concen: 40.097 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	58.7	41.4	62.2

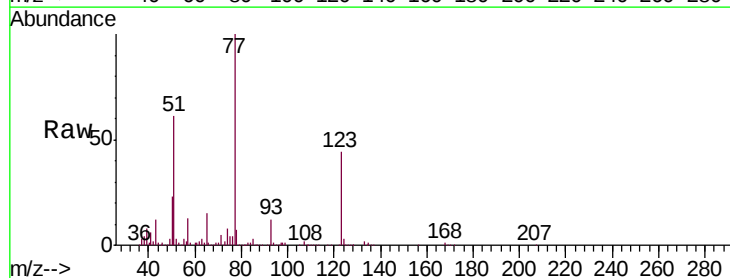


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

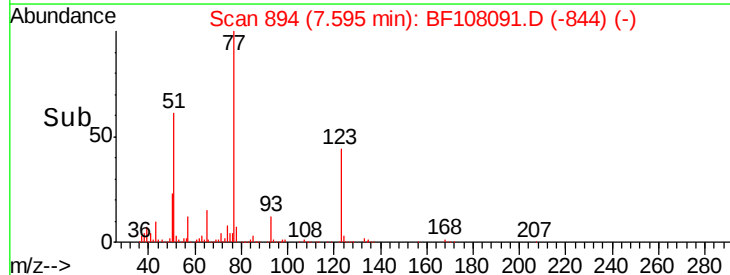
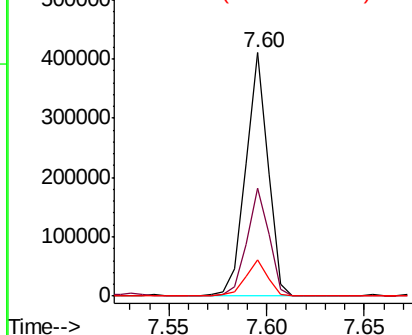


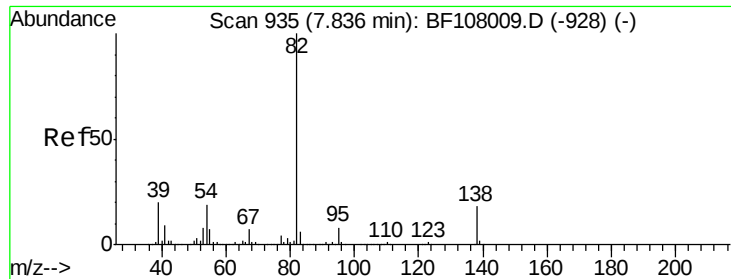
#24
 Nitrobenzene
 Concen: 18.719 ng
 RT: 7.60 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.4	37.9	56.9
65	14.9	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

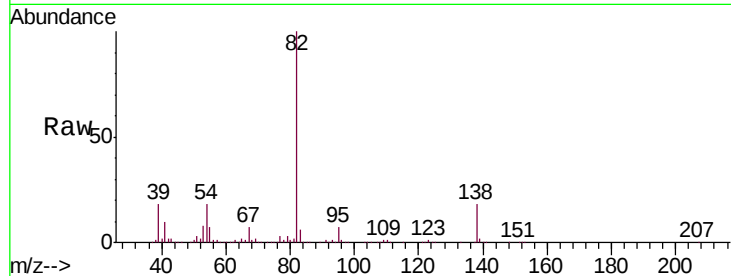




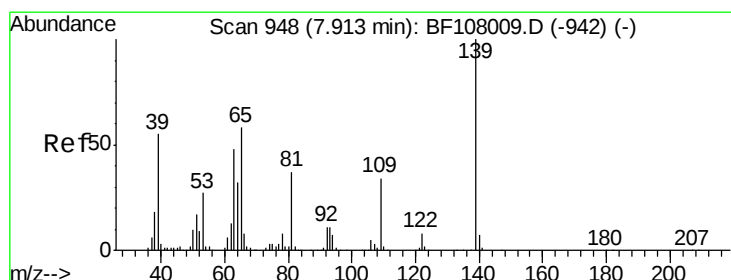
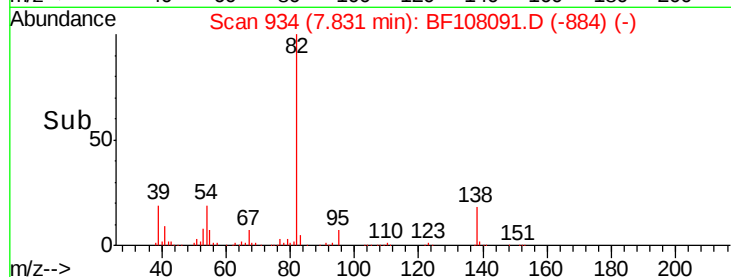
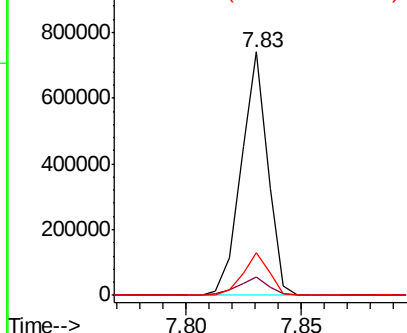
#25
Isophorone
Concen: 18.258 ng
RT: 7.83 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

Tgt Ion: 82 Resp: 592088
Ion Ratio Lower Upper
82 100
95 7.5 5.2 7.8
138 17.8 14.9 22.3

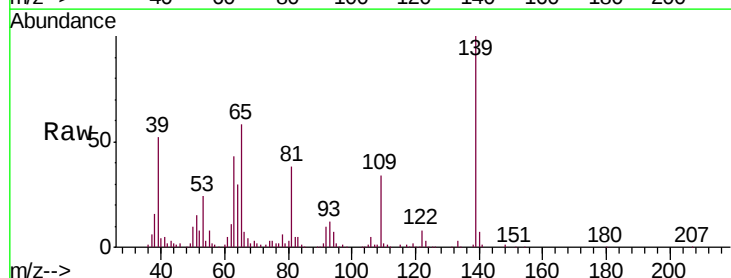


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

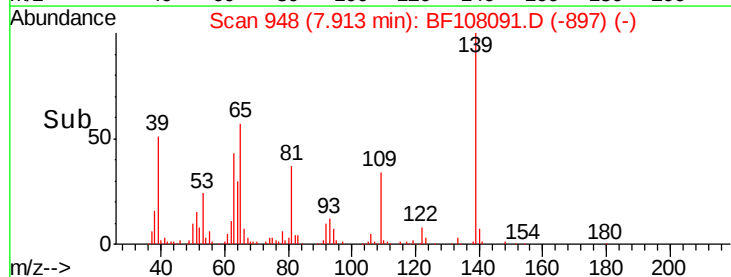
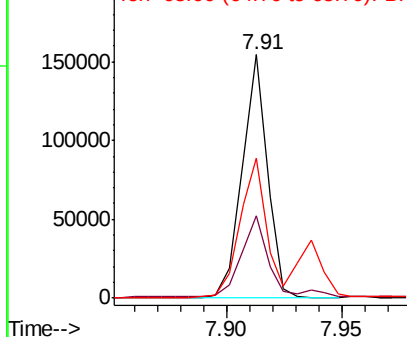


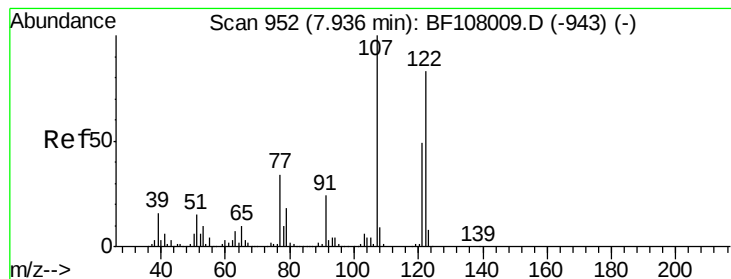
#26
2-Nitrophenol
Concen: 18.236 ng
RT: 7.91 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion: 139 Resp: 118482
Ion Ratio Lower Upper
139 100
109 33.8 22.7 34.1
65 57.7 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: 18.431 ng

RT: 7.94 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMS

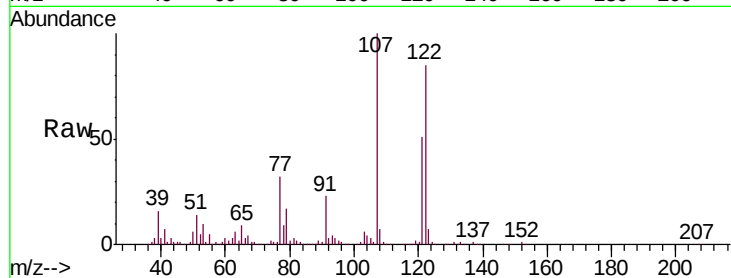
Tgt Ion:122 Resp: 265267

Ion Ratio Lower Upper

122 100

107 117.2 91.2 136.8

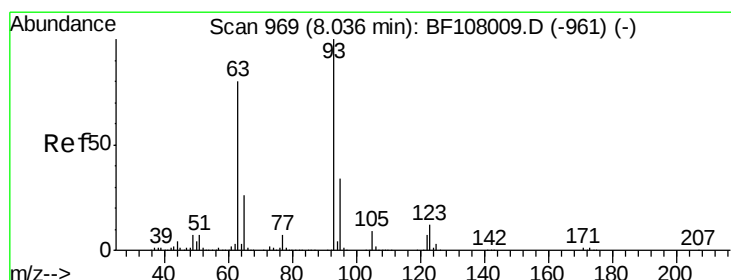
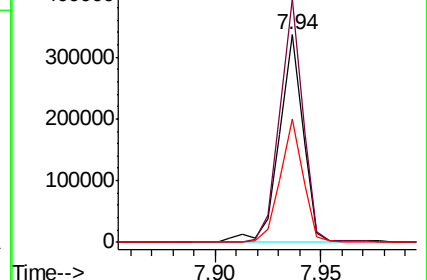
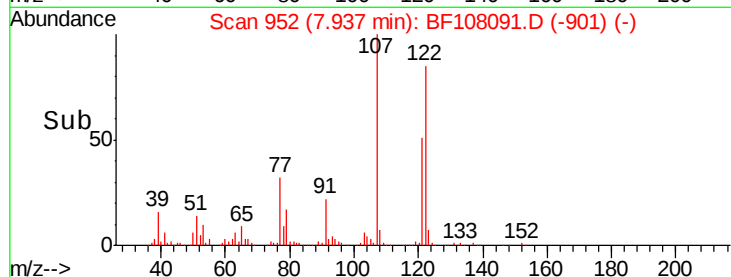
121 59.5 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 19.305 ng

RT: 8.04 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

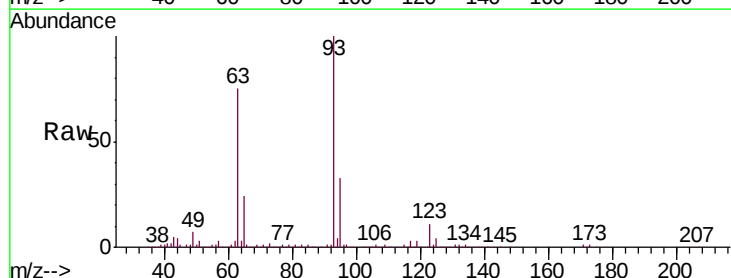
Tgt Ion: 93 Resp: 365450

Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

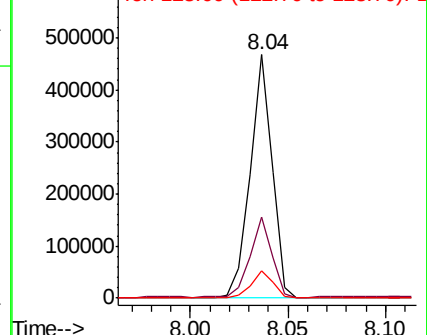
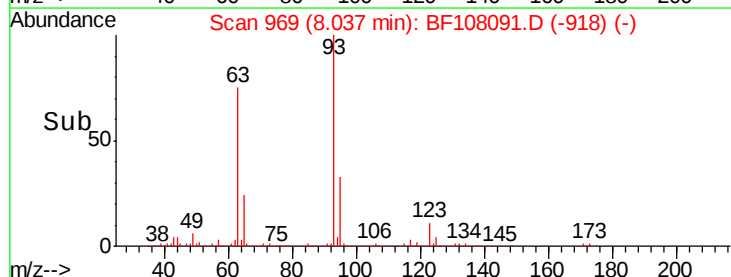
123 11.1 9.8 14.6

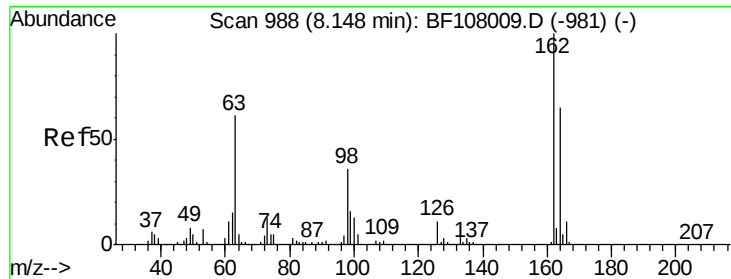


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

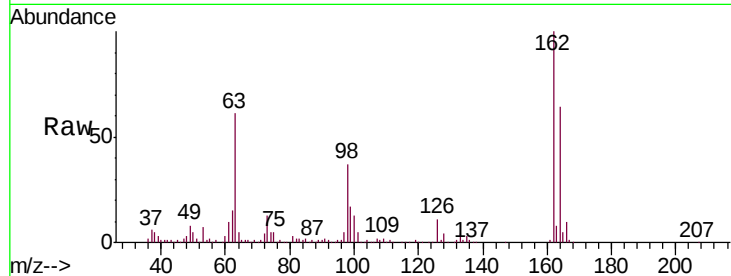




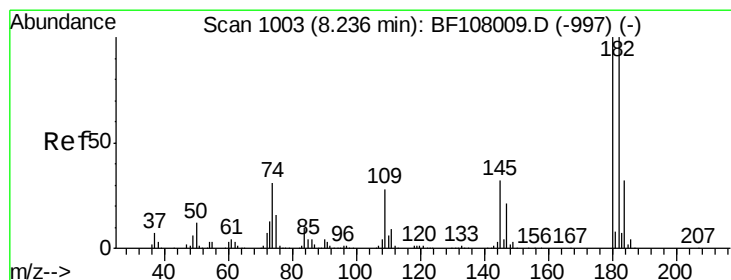
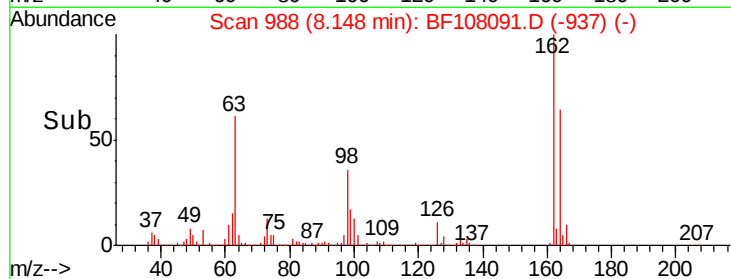
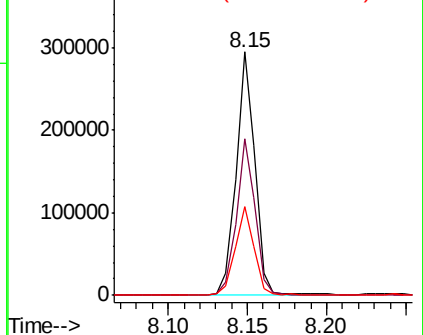
#29
 2,4-Dichlorophenol
 Concen: 18.456 ng
 RT: 8.15 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.7	82.7
98	36.6	18.1	58.1

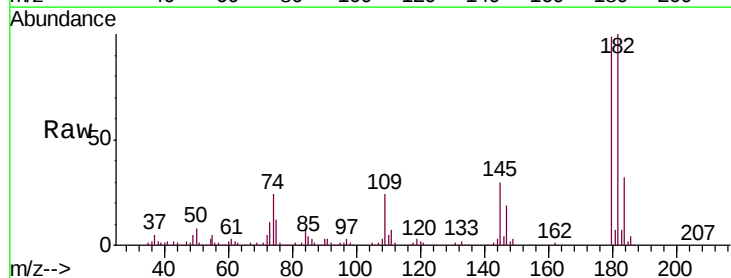


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

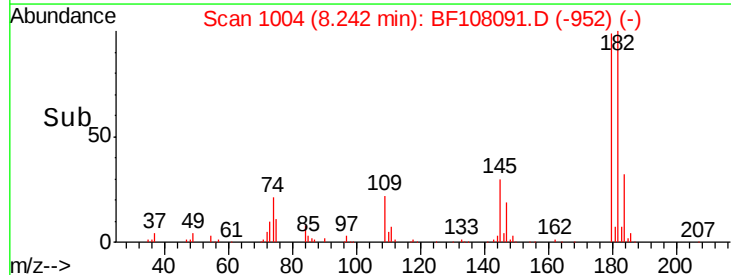
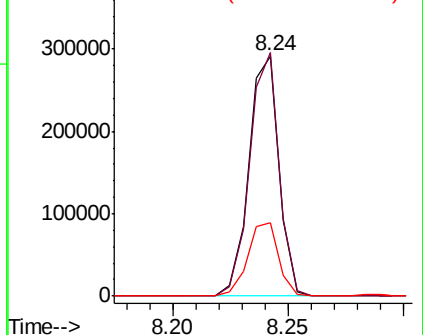


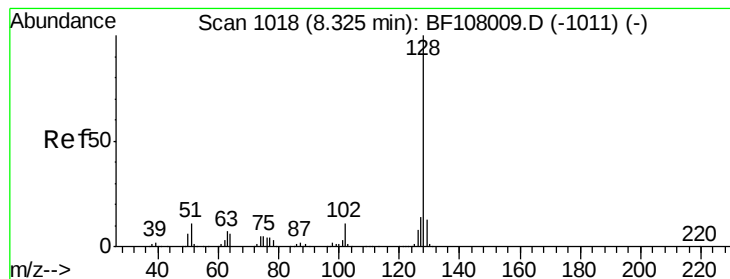
#30
 1,2,4-Trichlorobenzene
 Concen: 18.222 ng
 RT: 8.24 min Scan# 1004
 Delta R.T. 0.01 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.3	76.8	115.2
145	30.5	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: 19.879 ng

RT: 8.32 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMS

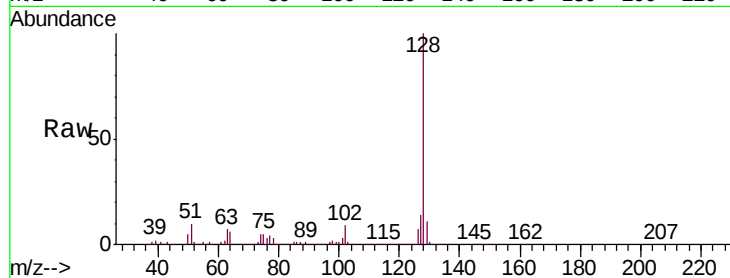
Tgt Ion:128 Resp: 858299

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

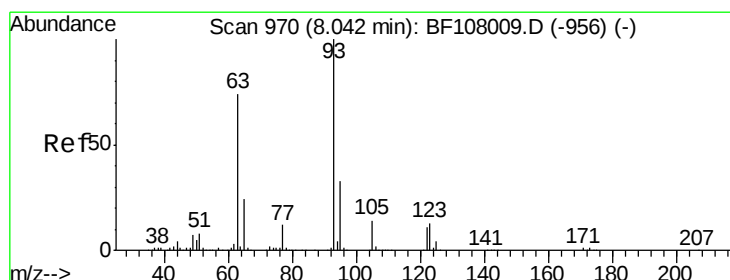
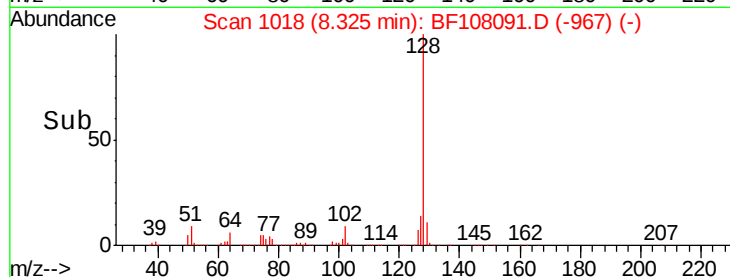
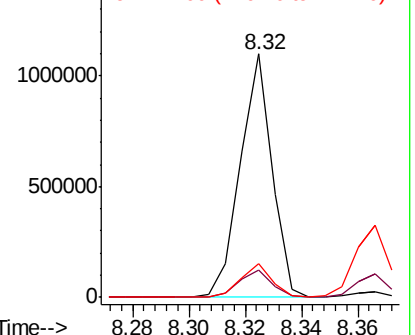
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

1500000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.782 ng

RT: 7.94 min Scan# 952

Delta R.T. -0.11 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

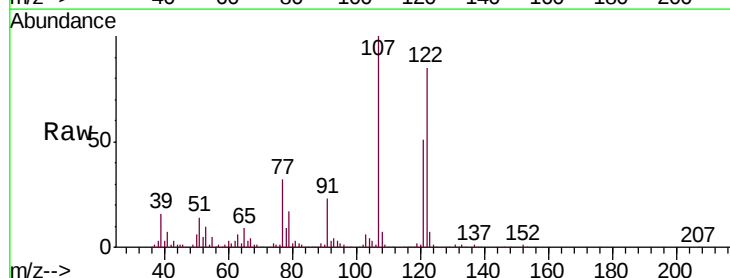
Tgt Ion:122 Resp: 265267

Ion Ratio Lower Upper

122 100

105 4.0 101.1 141.1#

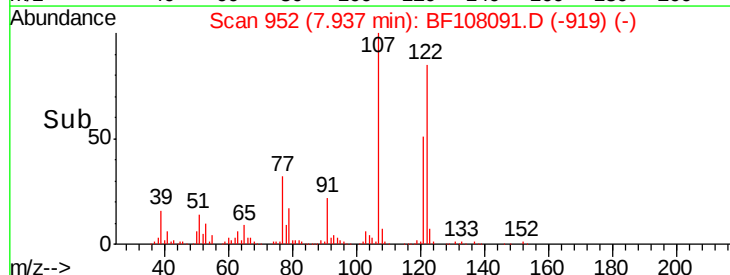
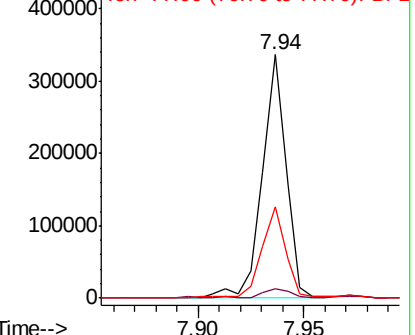
77 37.5 70.7 110.7#

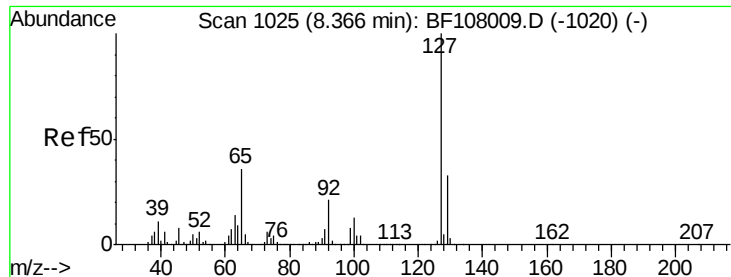


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

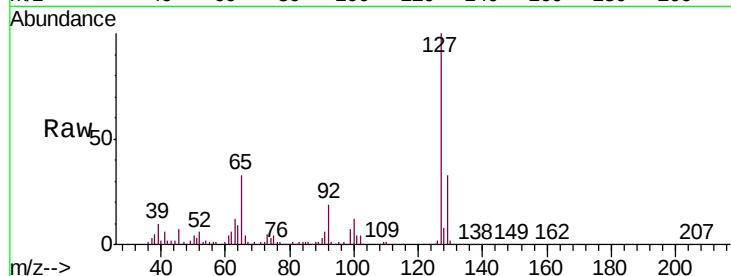




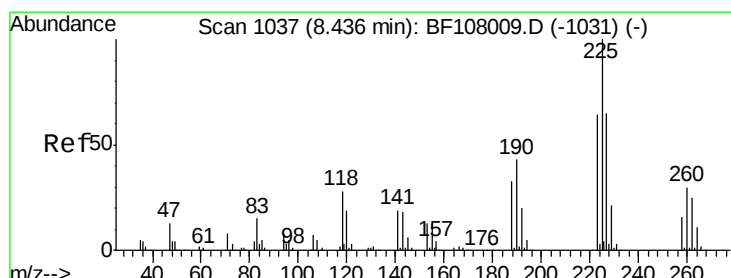
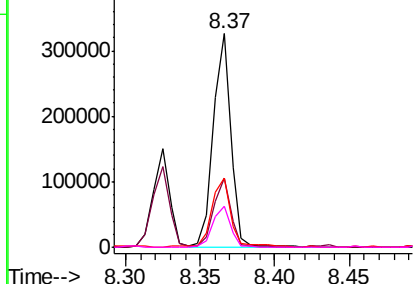
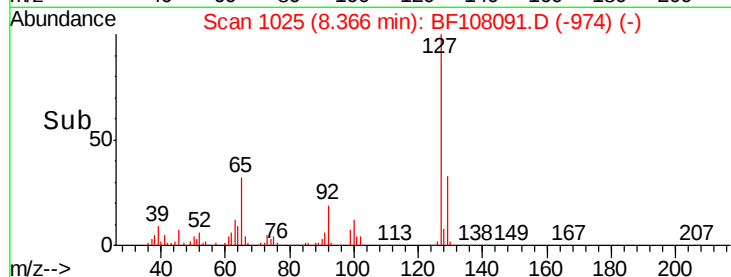
#33
4-Chloroaniline
Concen: 14.202 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

Tgt Ion:	127	Resp:	267228
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	32.6	25.0	37.4
92	19.2	15.2	22.8

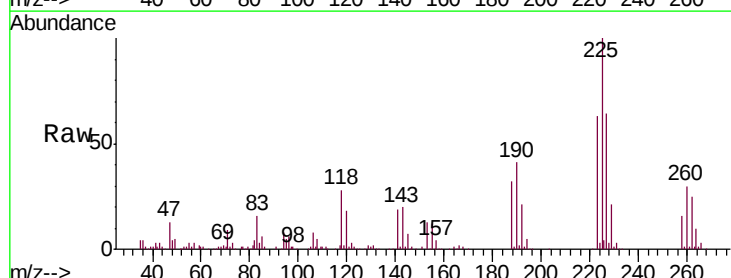


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

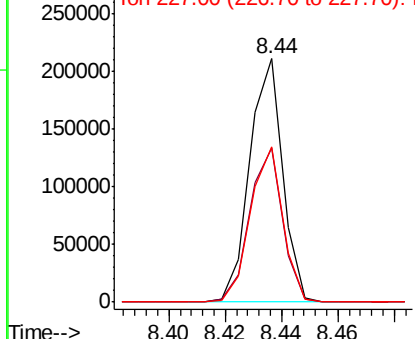
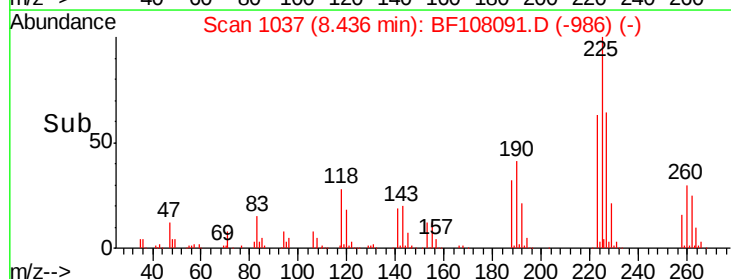


#34
Hexachlorobutadiene
Concen: 18.514 ng
RT: 8.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion:	225	Resp:	171153
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	63.9	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

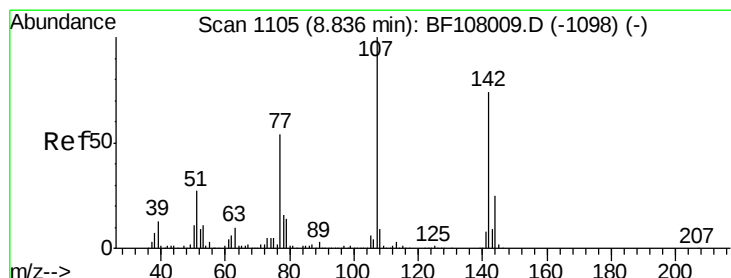
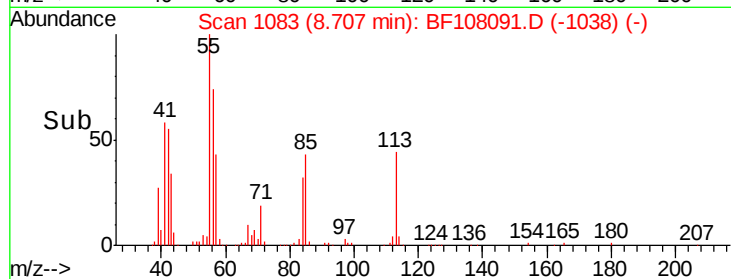
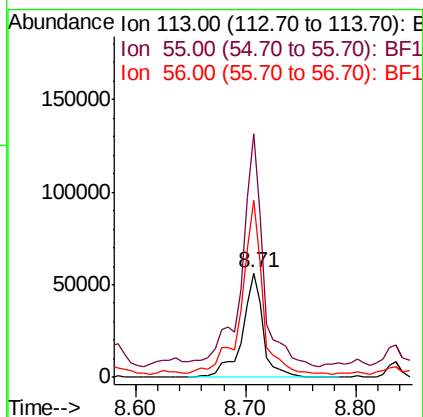
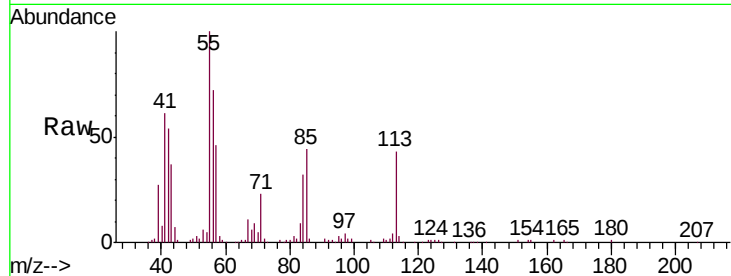




#35
 Caprolactam
 Concen: 18.024 ng
 RT: 8.71 min Scan# 1083
 Delta R.T. -0.04 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

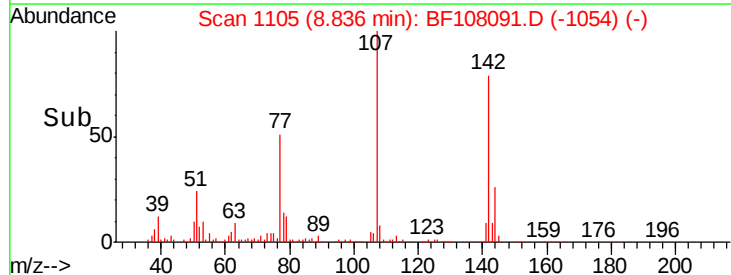
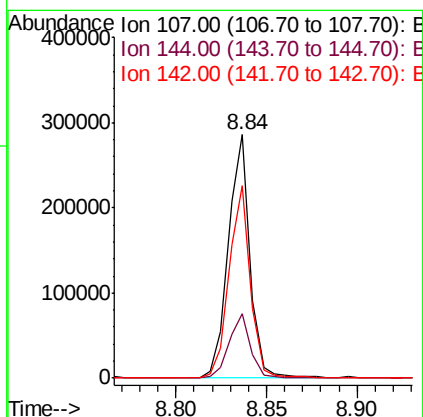
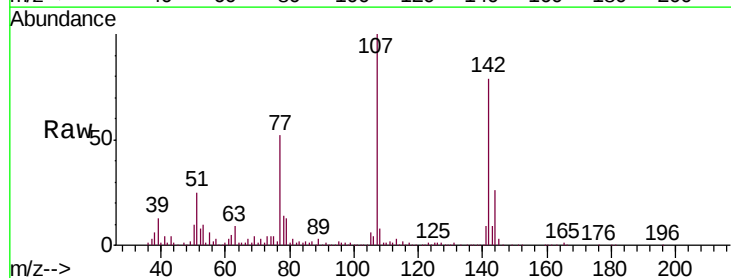
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMS

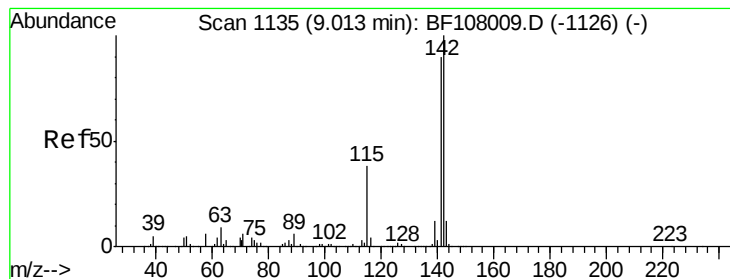
Tgt Ion:113 Resp: 74810
 Ion Ratio Lower Upper
 113 100
 55 233.6 163.3 203.3#
 56 169.3 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 16.538 ng
 RT: 8.84 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Tgt Ion:107 Resp: 236304
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.5 30.7
 142 78.9 62.0 93.0





#37

2-Methylnaphthalene

Concen: 18.158 ng

RT: 9.01 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMS

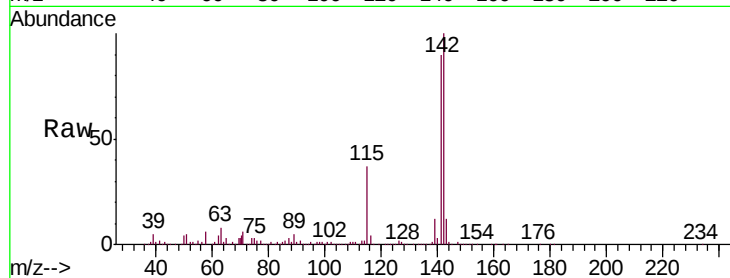
Tgt Ion:142 Resp: 554683

Ion Ratio Lower Upper

142 100

141 89.6 70.8 106.2

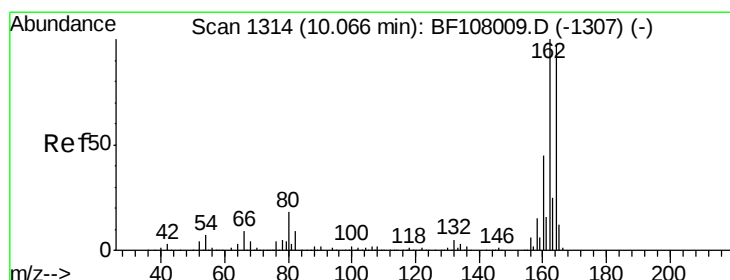
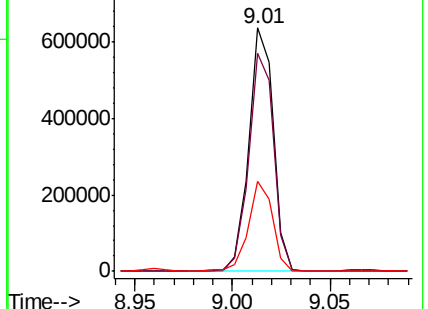
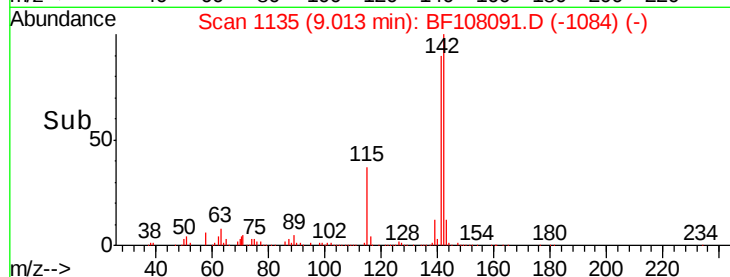
115 36.8 26.1 39.1



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: BF108091.D

Acq: 10 Aug 2018 18:33

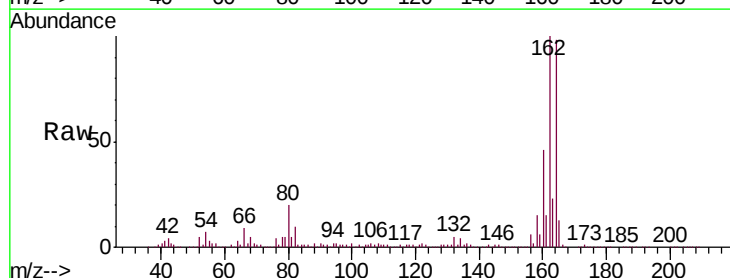
Tgt Ion:164 Resp: 413576

Ion Ratio Lower Upper

164 100

162 101.6 86.1 129.1

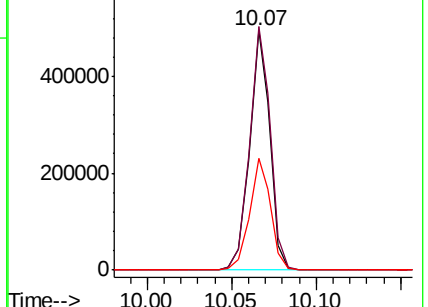
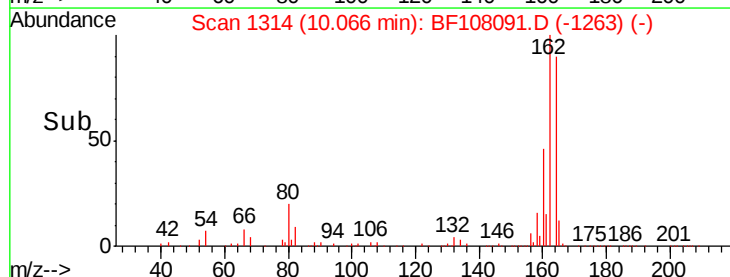
160 46.6 38.3 57.5

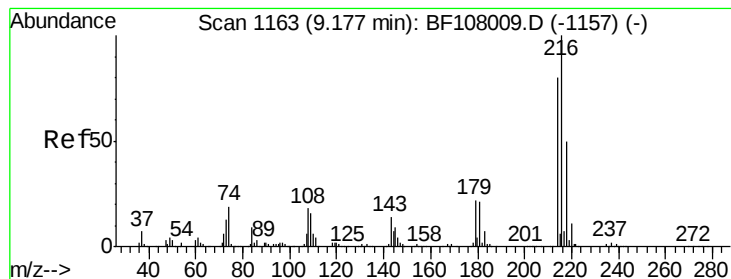


Abundance Ion 164.00 (163.70 to 164.70): E

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: 21.241 ng

RT: 9.18 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMS

Tgt Ion:216 Resp: 269770

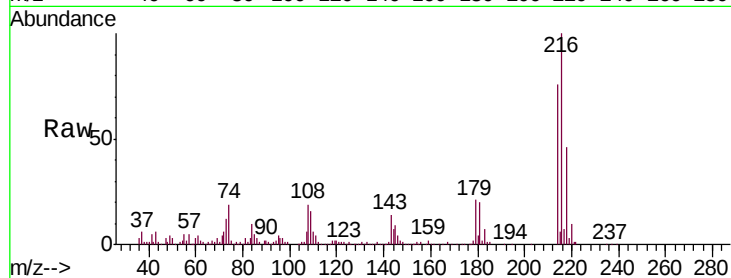
Ion Ratio Lower Upper

216 100

214 78.1 63.0 94.4

179 20.5 18.1 27.1

108 17.3 17.2 25.8

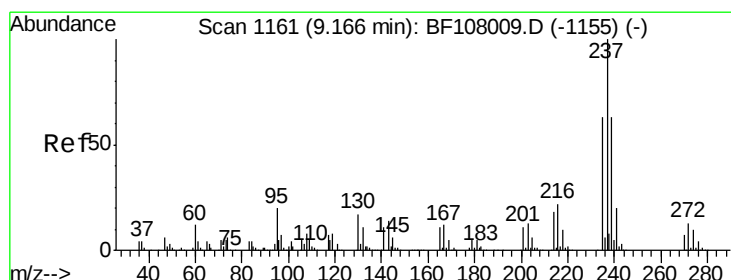
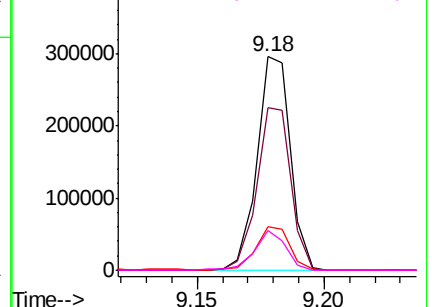
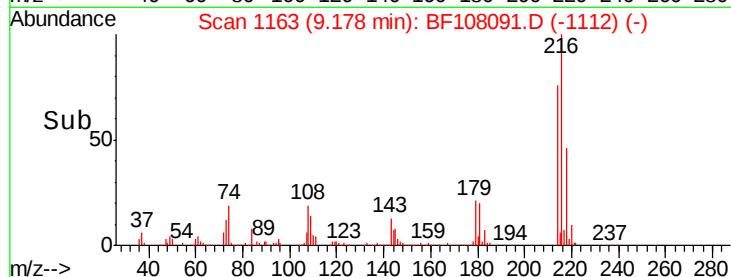


Abundance Ion 216.00 (215.70 to 216.70): E

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: 2.518 ng

RT: 9.17 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

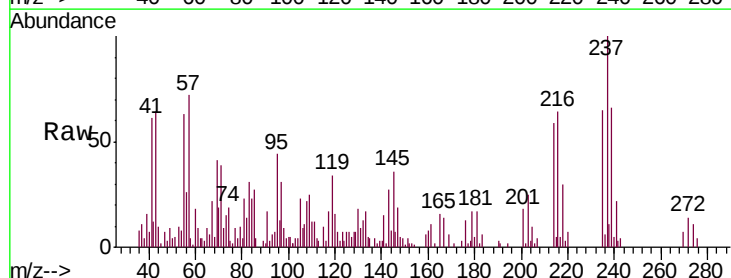
Tgt Ion:237 Resp: 20660

Ion Ratio Lower Upper

237 100

235 64.7 44.8 84.8

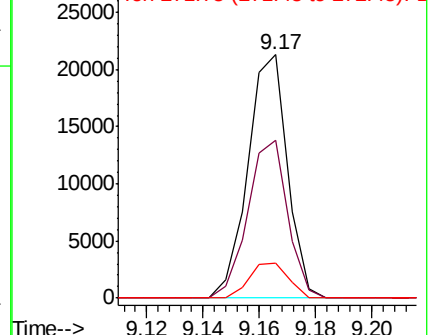
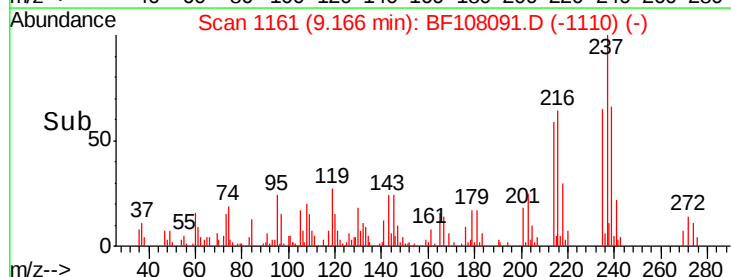
272 14.5 0.0 33.3

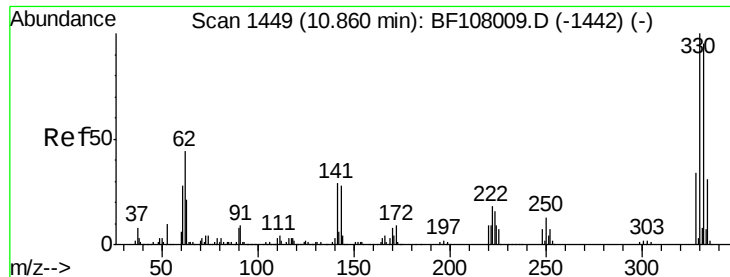


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 53.193 ng

RT: 10.86 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMS

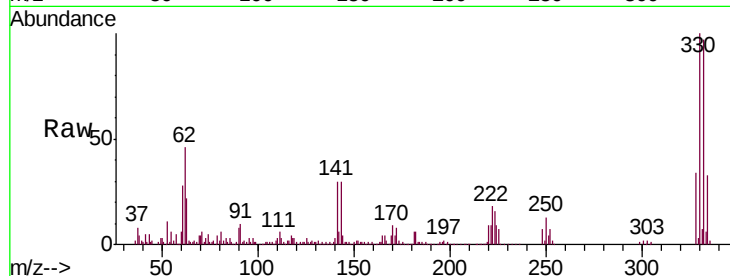
Tgt Ion:330 Resp: 219438

Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

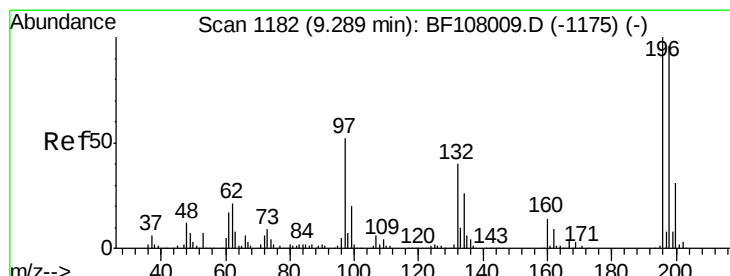
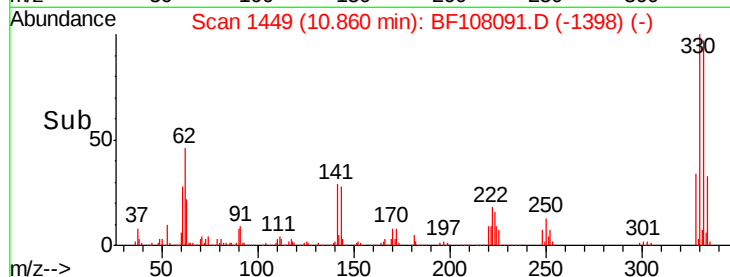
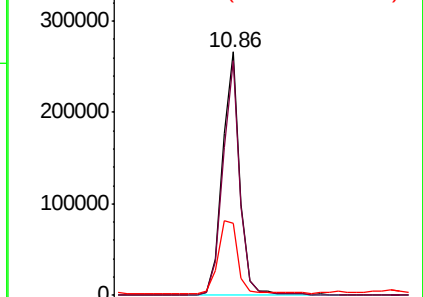
141 33.5 29.9 44.9



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: 19.947 ng

RT: 9.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

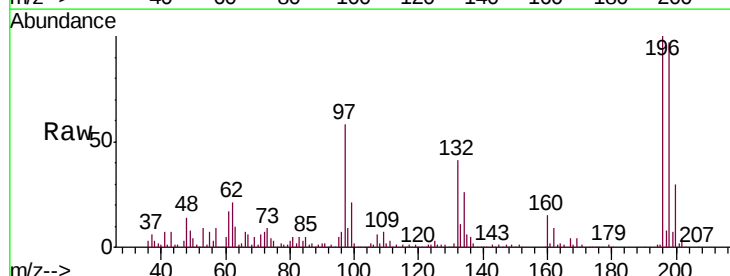
Tgt Ion:196 Resp: 157205

Ion Ratio Lower Upper

196 100

198 97.3 75.7 113.5

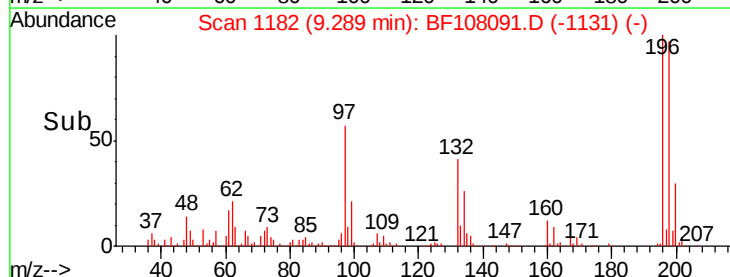
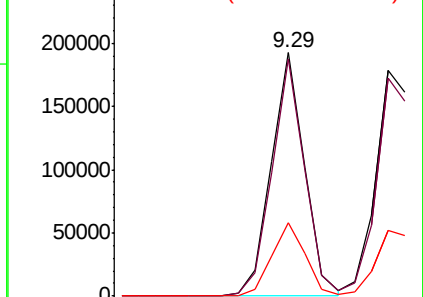
200 30.2 24.5 36.7

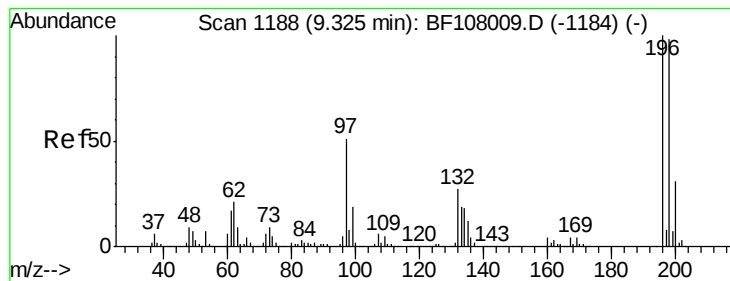


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#43

2,4,5-Trichlorophenol

Concen: 19.444 ng

RT: 9.32 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMS

Tgt Ion:196 Resp: 168693

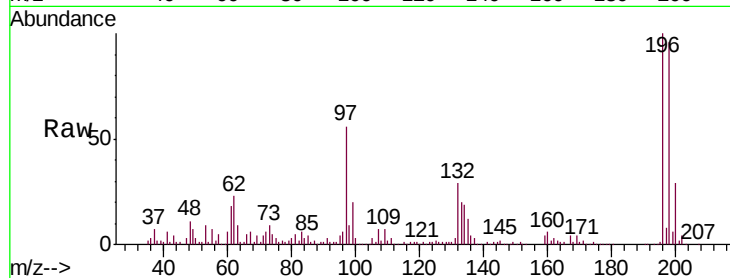
Ion Ratio Lower Upper

196 100

198 96.4 74.6 112.0

97 56.2 42.9 64.3

132 29.3 26.3 39.5

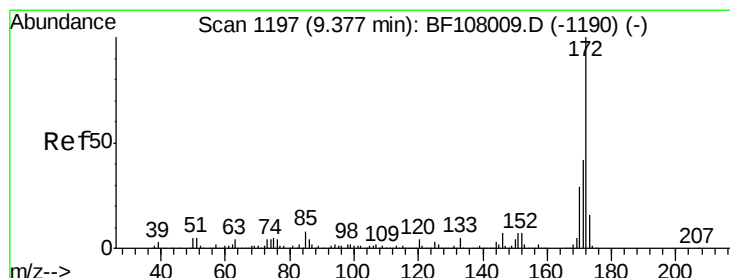
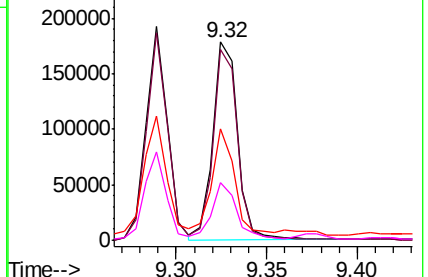
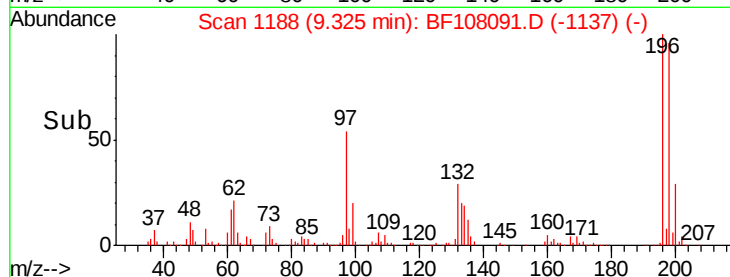


Abundance Ion 196.00 (195.70 to 196.70): E

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: 44.153 ng

RT: 9.38 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

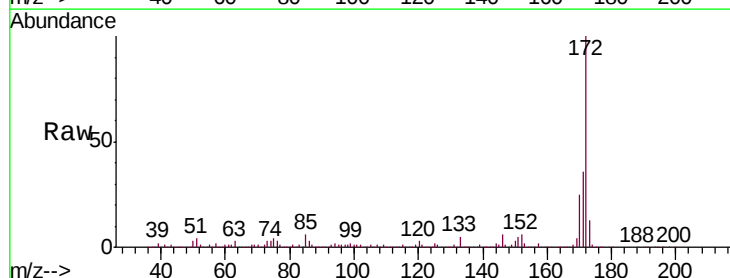
Tgt Ion:172 Resp: 1137412

Ion Ratio Lower Upper

172 100

171 35.8 29.7 44.5

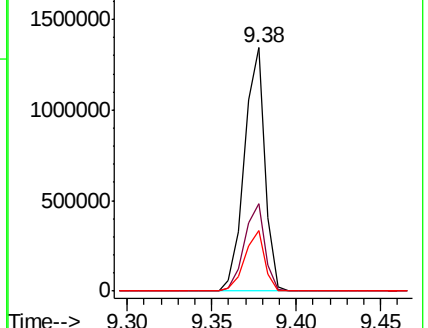
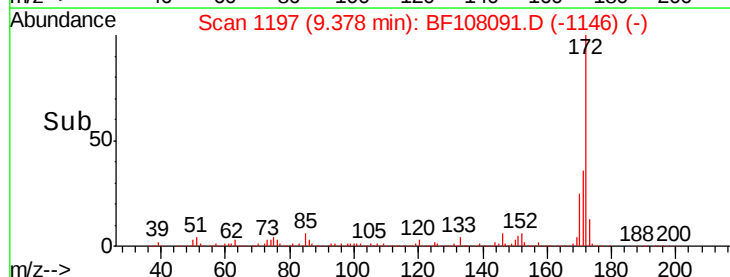
170 24.7 19.6 29.4

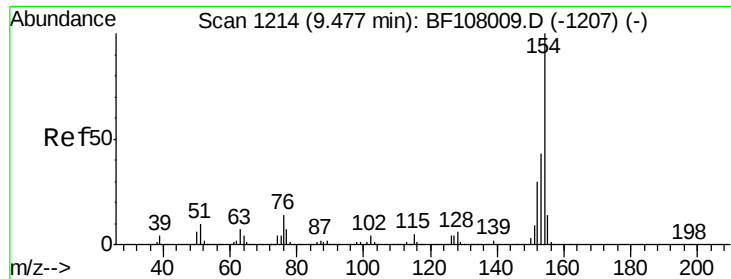


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

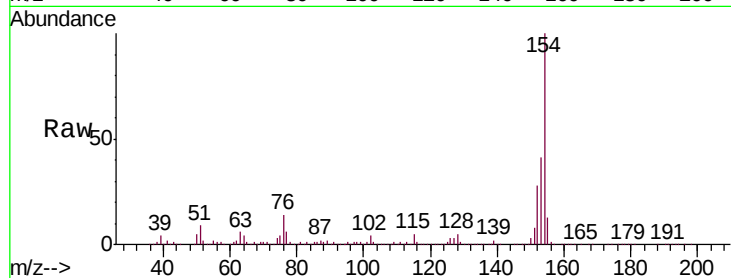




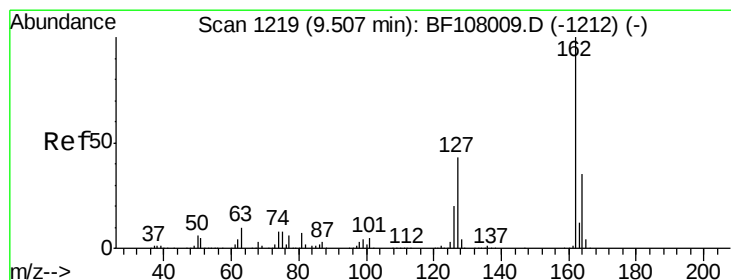
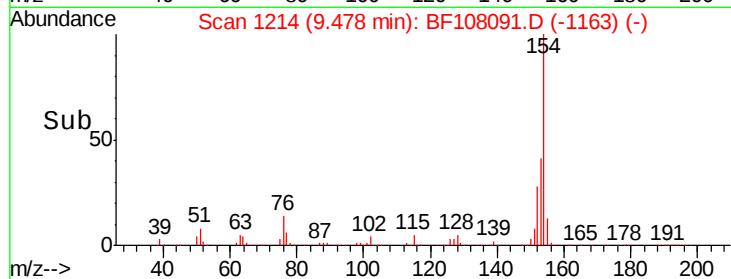
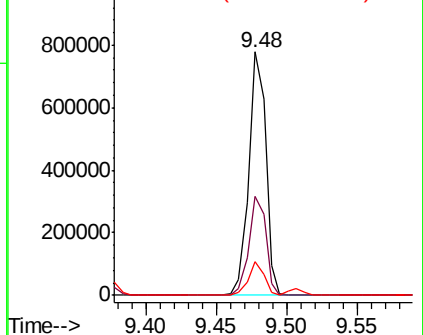
#45
 1,1'-Biphenyl
 Concen: 21.587 ng
 RT: 9.48 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	13.7	0.0	34.0

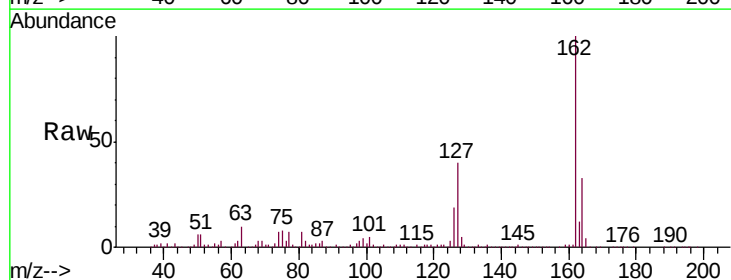


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

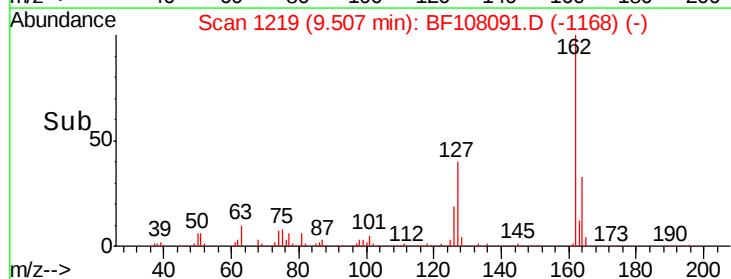
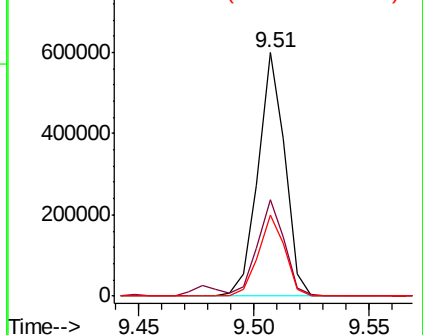


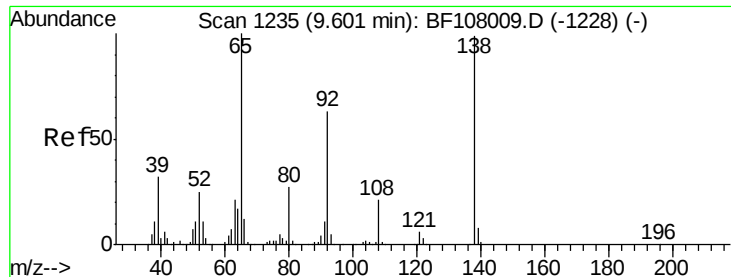
#46
 2-Chloronaphthalene
 Concen: 20.194 ng
 RT: 9.51 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	33.9	50.9
164	33.1	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

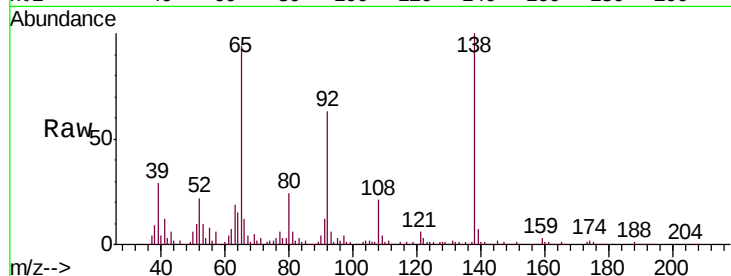




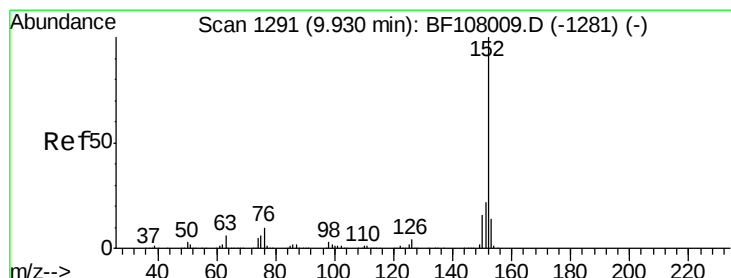
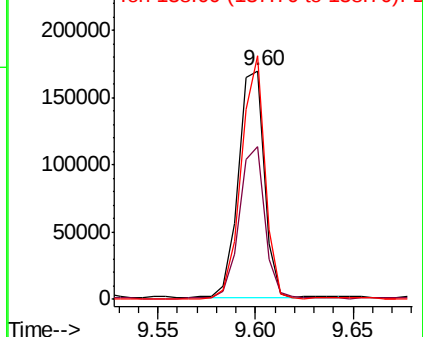
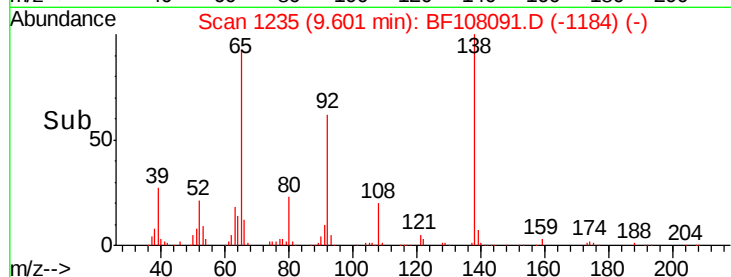
#47
2-Nitroaniline
Concen: 19.990 ng
RT: 9.60 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

Tgt Ion: 65 Resp: 155884
Ion Ratio Lower Upper
65 100
92 66.6 55.8 83.6
138 106.6 91.2 136.8

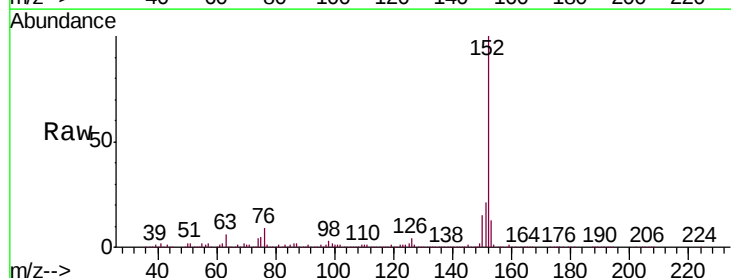


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

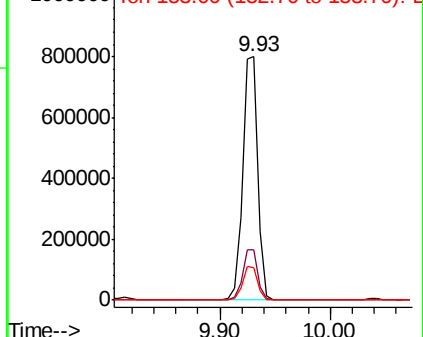
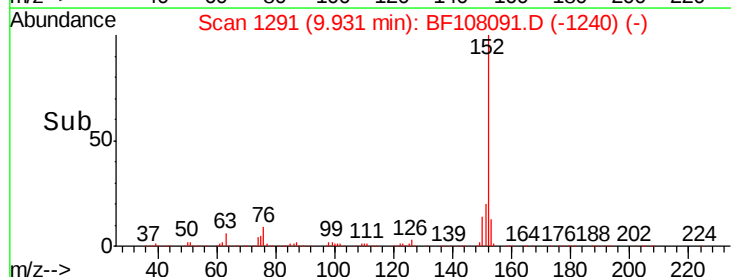


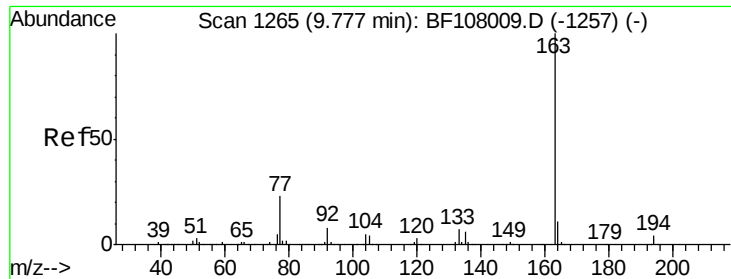
#48
Acenaphthylene
Concen: 19.958 ng
RT: 9.93 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion: 152 Resp: 760414
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.3 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

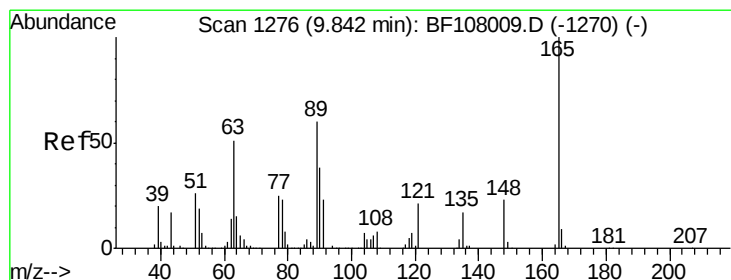
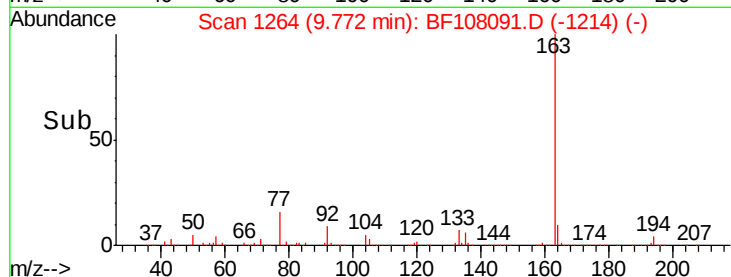
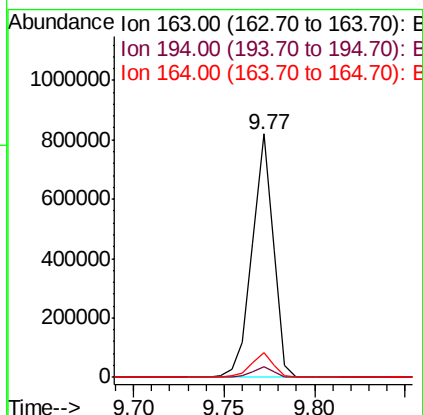
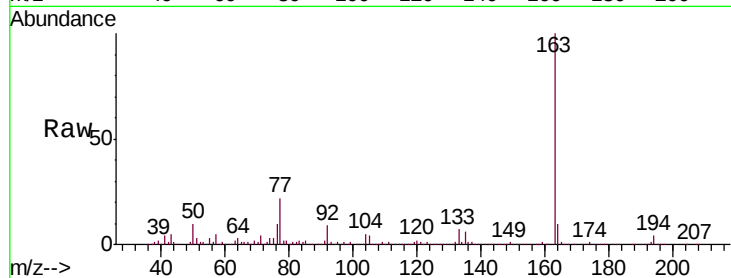




#49
 Dimethylphthalate
 Concen: 23.087 ng
 RT: 9.77 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

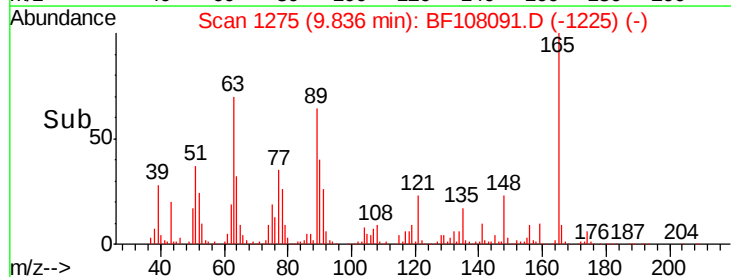
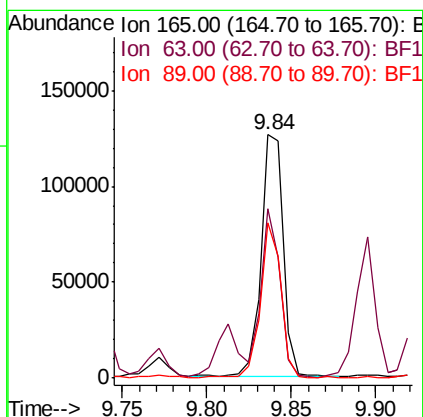
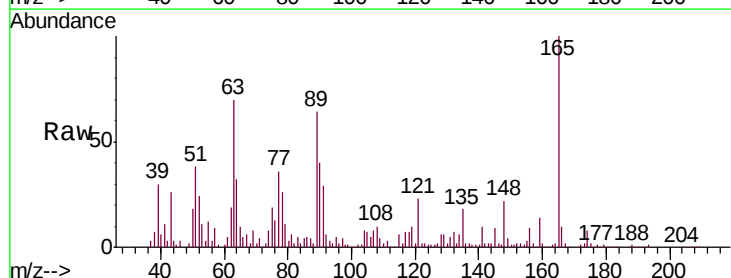
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMS

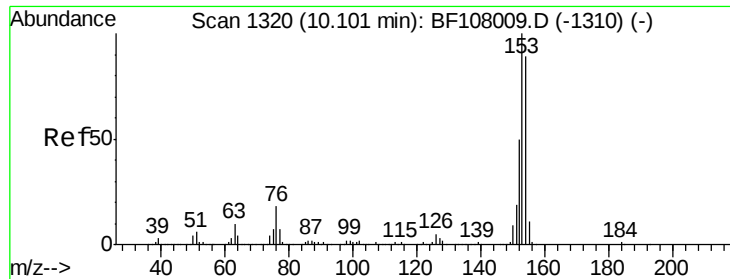
Tgt Ion:163 Resp: 665111
 Ion Ratio Lower Upper
 163 100
 194 4.2 2.7 4.1#
 164 10.2 8.2 12.2



#50
 2,6-Dinitrotoluene
 Concen: 18.988 ng
 RT: 9.84 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Tgt Ion:165 Resp: 114450
 Ion Ratio Lower Upper
 165 100
 63 69.6 44.7 67.1#
 89 63.6 44.0 66.0





#51

Acenaphthene

Concen: 20.072 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMS

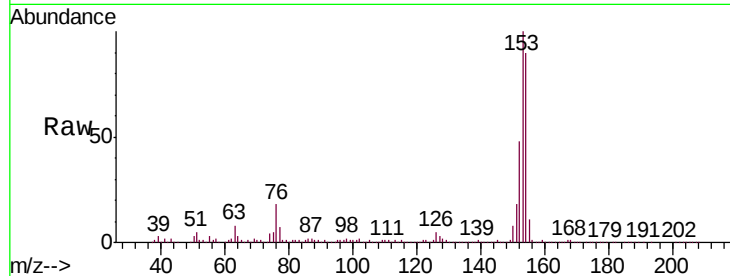
Tgt Ion:154 Resp: 468416

Ion Ratio Lower Upper

154 100

153 111.6 91.2 136.8

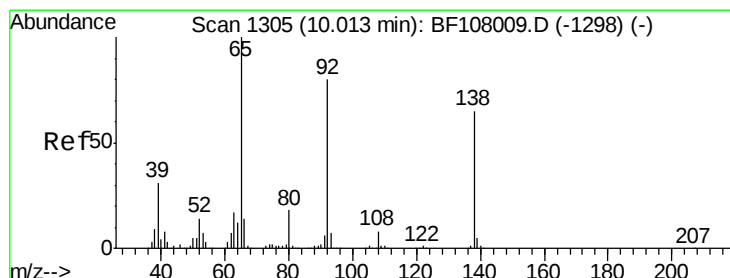
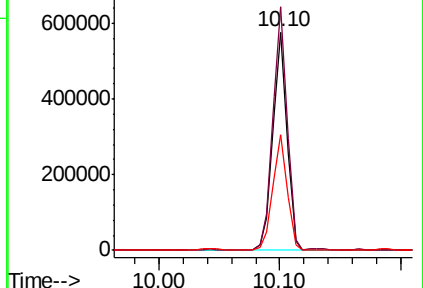
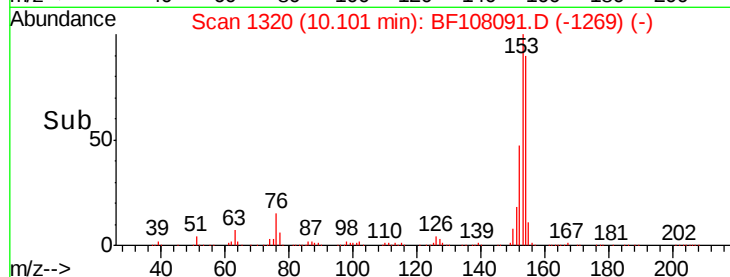
152 53.1 43.8 65.8



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: 17.367 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

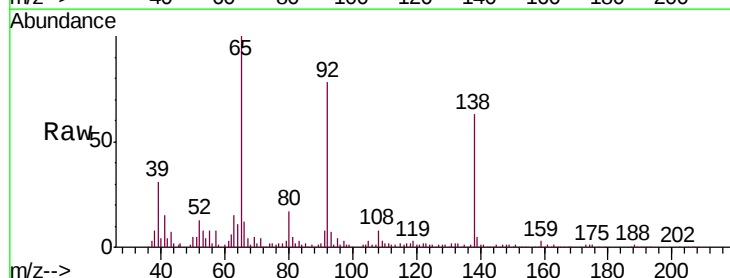
Tgt Ion:138 Resp: 114529

Ion Ratio Lower Upper

138 100

108 12.8 9.4 14.0

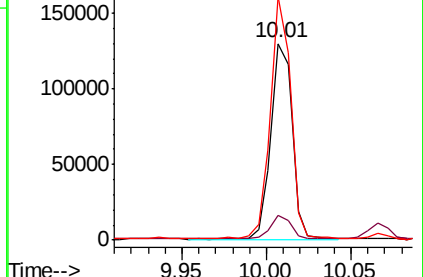
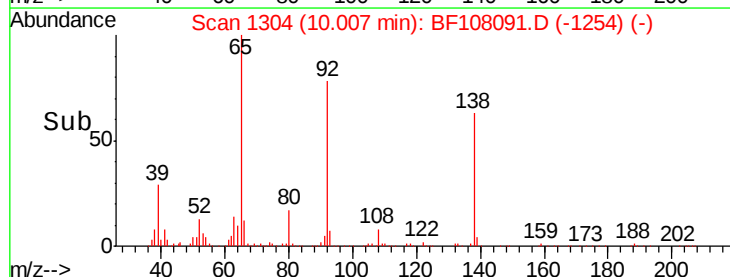
92 123.7 89.4 134.2

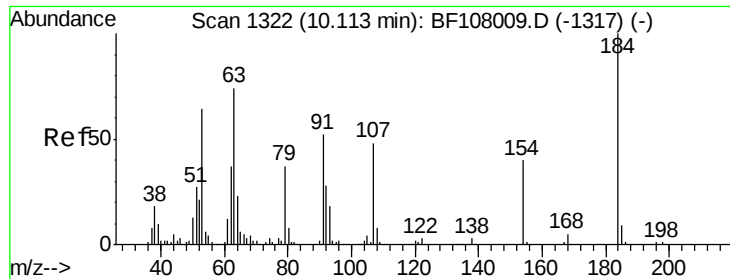


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

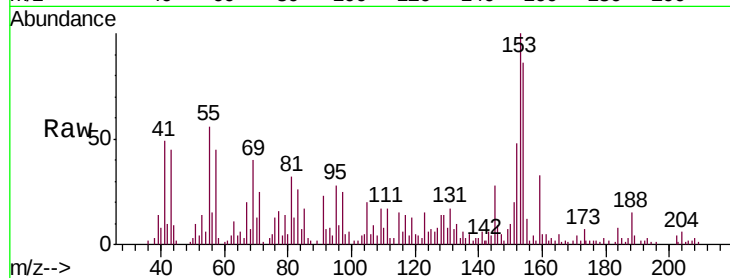




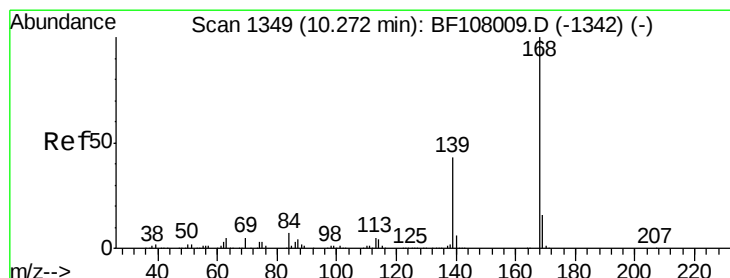
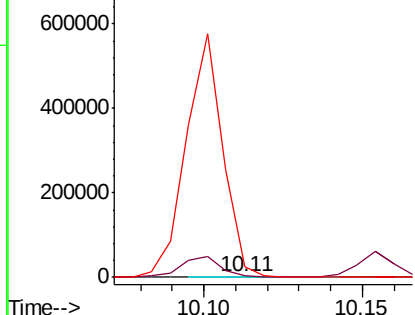
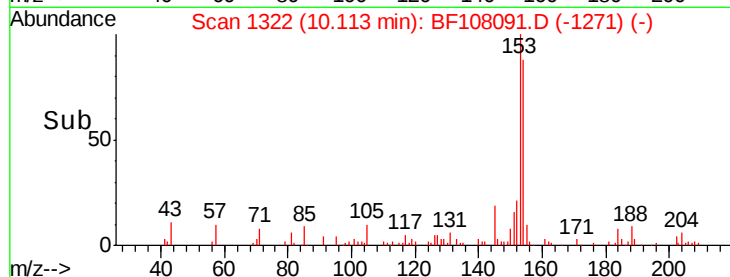
#53
2,4-Dinitrophenol
Concen: 7.803 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

Tgt Ion:184 Resp: 1935
Ion Ratio Lower Upper
184 100
63 138.4 54.2 81.2#
154 1129.6 184.0 276.0#

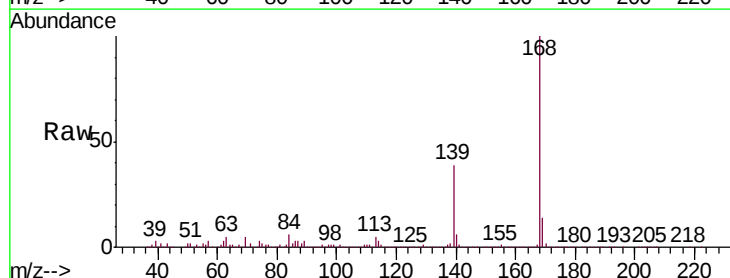


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

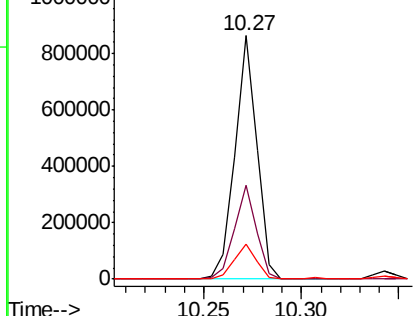
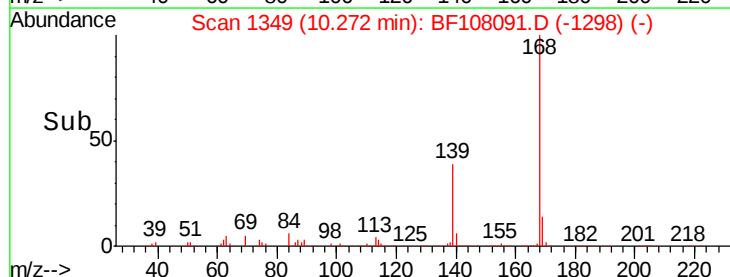


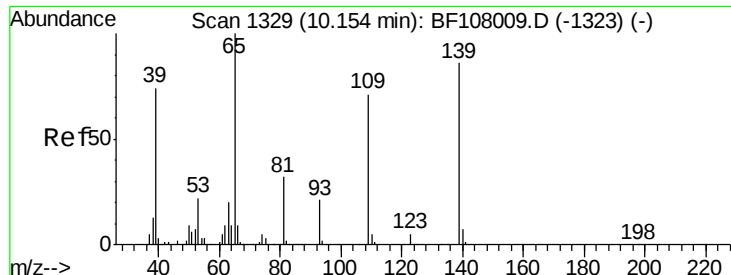
#54
Dibenzofuran
Concen: 19.923 ng
RT: 10.27 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion:168 Resp: 673595
Ion Ratio Lower Upper
168 100
139 38.6 30.1 45.1
169 14.5 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: 29.561 ng

RT: 10.15 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMS

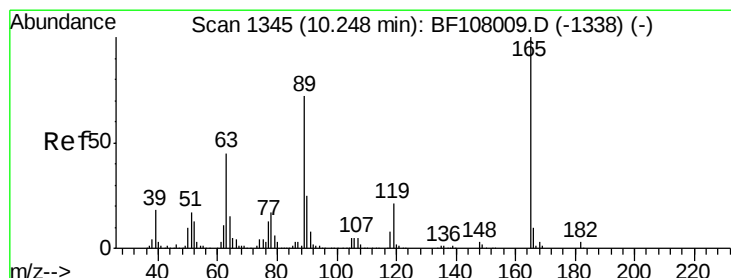
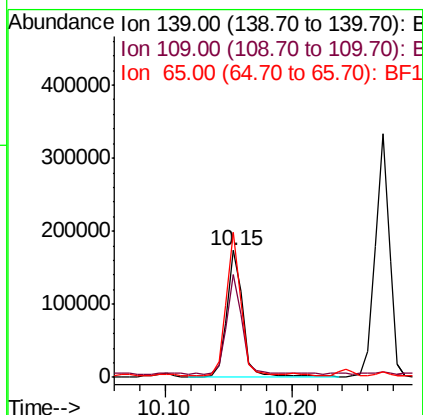
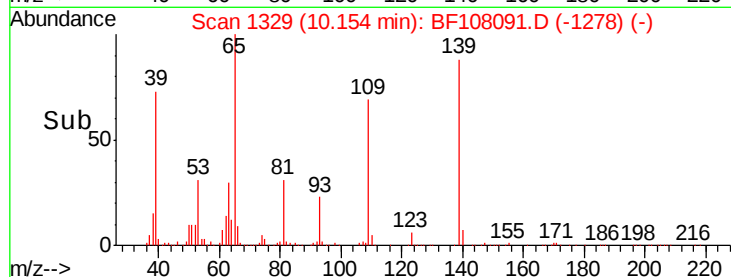
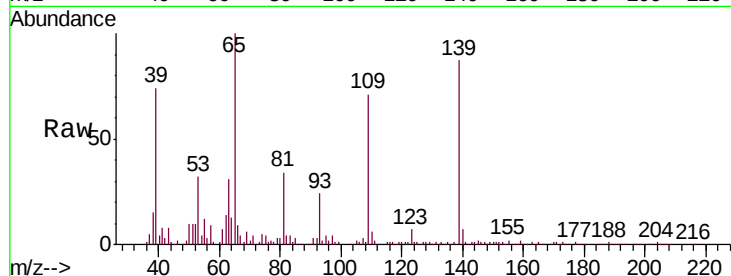
Tgt Ion:139 Resp: 147625

Ion Ratio Lower Upper

139 100

109 81.0 48.4 88.4

65 114.3 72.6 112.6#



#56

2,4-Dinitrotoluene

Concen: 17.475 ng

RT: 10.24 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Tgt Ion:165 Resp: 135577

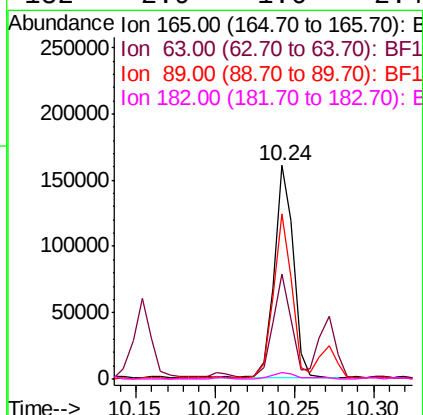
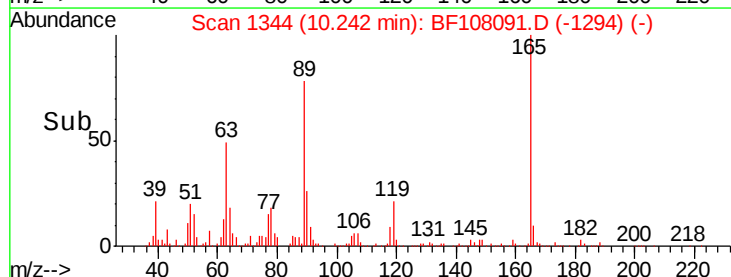
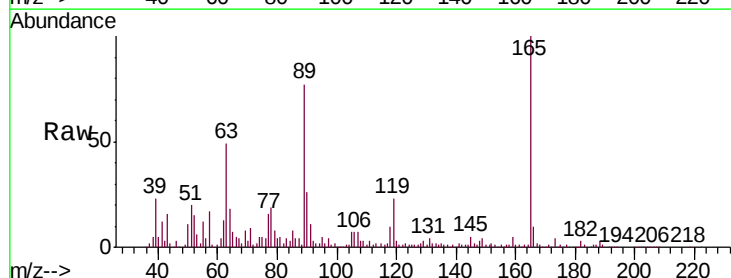
Ion Ratio Lower Upper

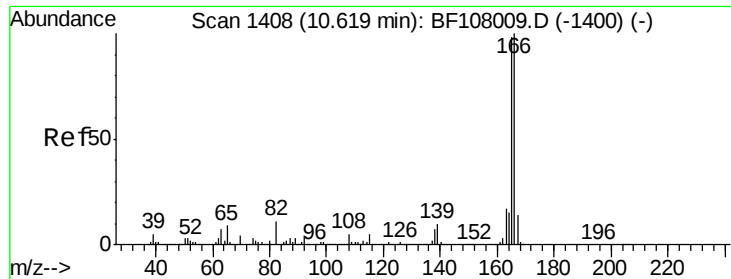
165 100

63 49.3 36.4 54.6

89 77.3 57.8 86.6

182 2.9 1.6 2.4#





#57

Fluorene

Concen: 19.923 ng

RT: 10.62 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMS

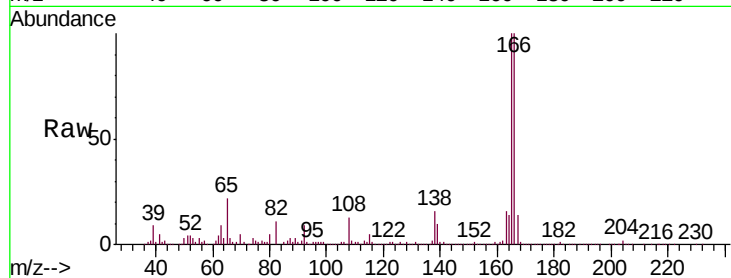
Tgt Ion:166 Resp: 533228

Ion Ratio Lower Upper

166 100

165 99.8 79.8 119.8

167 13.9 10.6 16.0

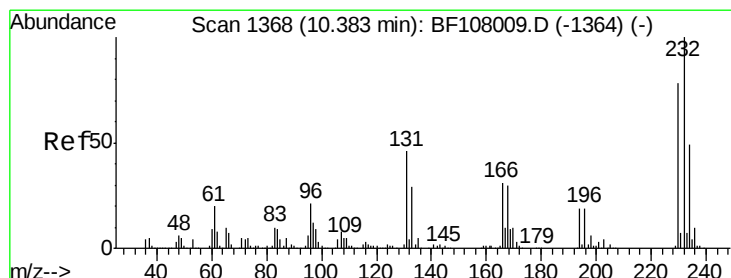
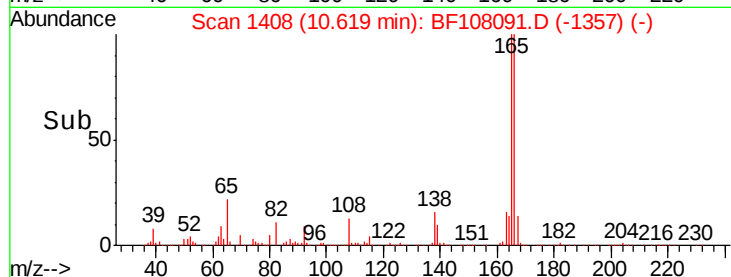
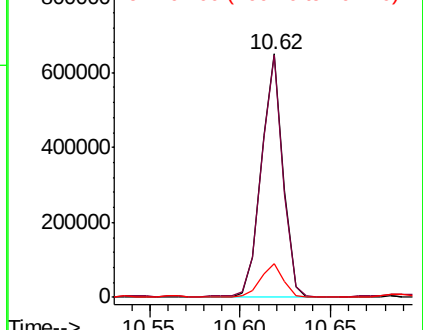


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 17.229 ng

RT: 10.38 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Tgt Ion:232 Resp: 124939

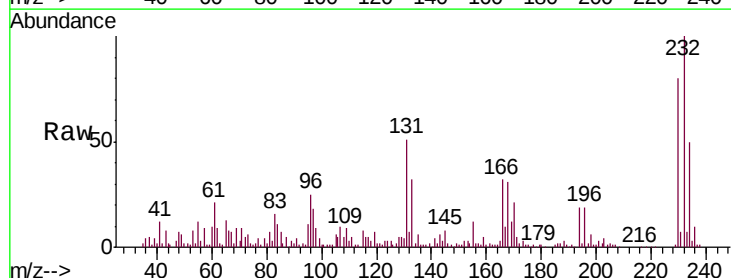
Ion Ratio Lower Upper

232 100

131 46.3 43.8 65.8

130 4.3 2.1 3.1#

166 28.5 27.8 41.6



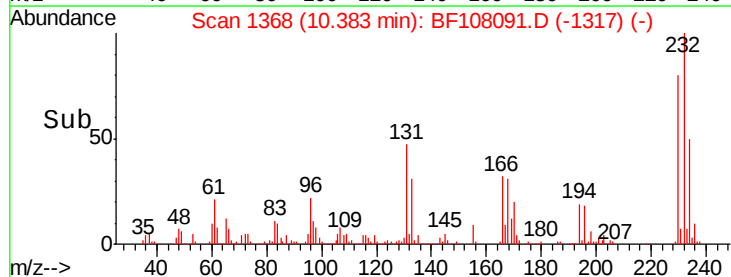
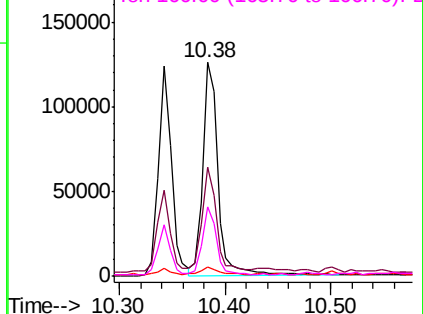
Abundance

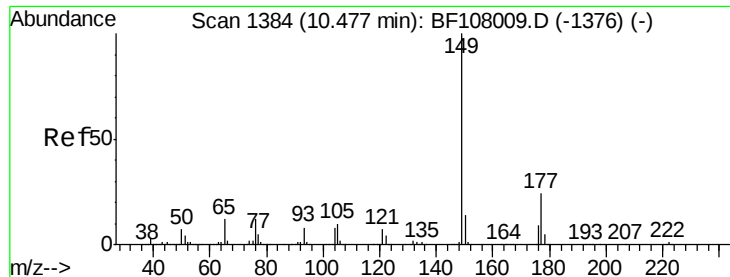
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 19.920 ng

RT: 10.48 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMS

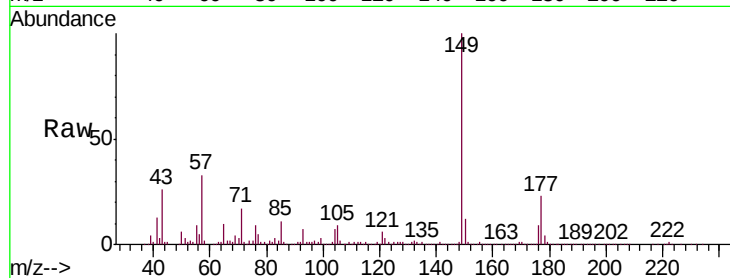
Tgt Ion:149 Resp: 555693

Ion Ratio Lower Upper

149 100

177 23.0 16.1 24.1

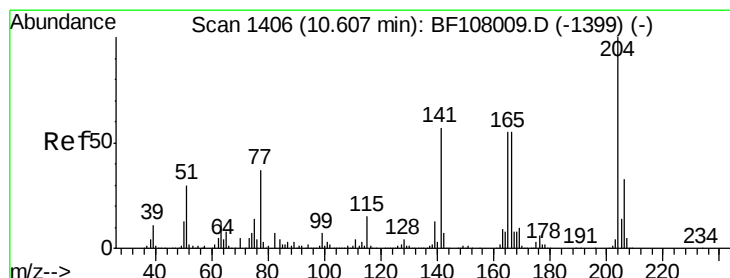
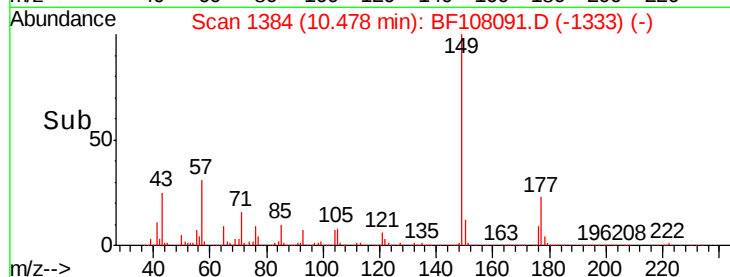
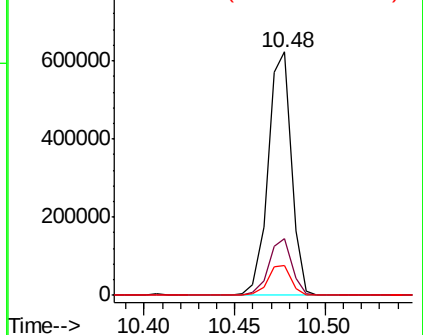
150 12.1 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 18.319 ng

RT: 10.61 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

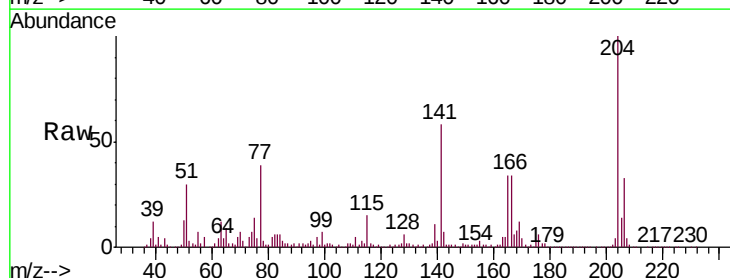
Tgt Ion:204 Resp: 255482

Ion Ratio Lower Upper

204 100

206 33.4 26.5 39.7

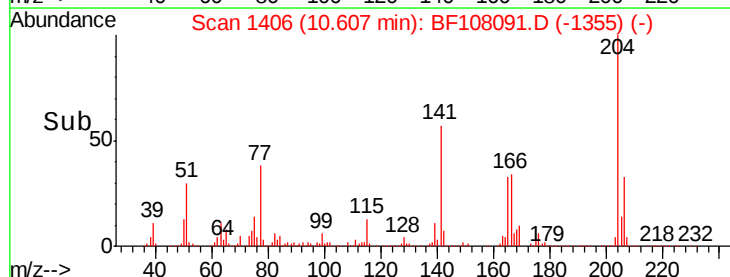
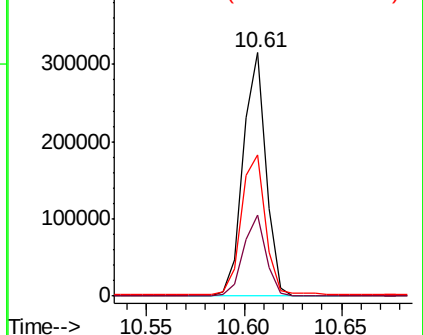
141 57.8 54.6 81.8

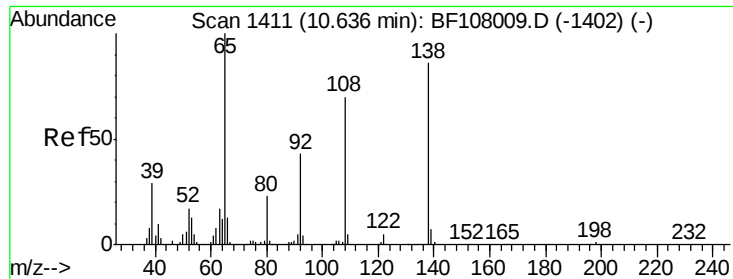


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

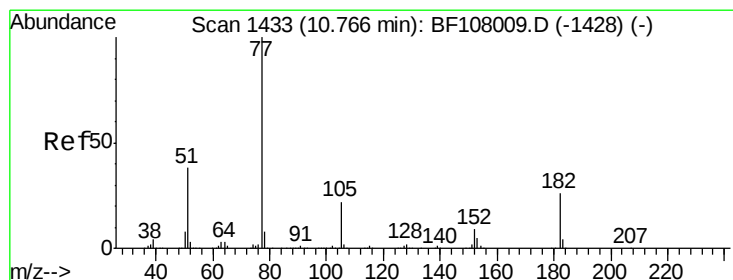
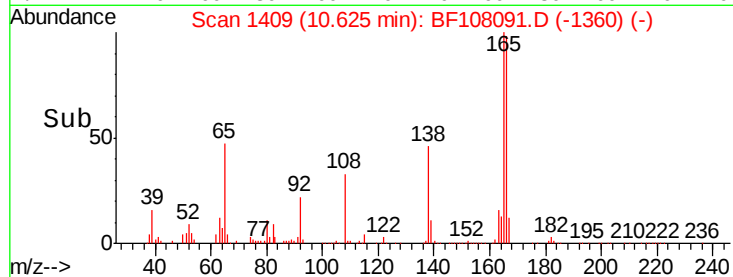
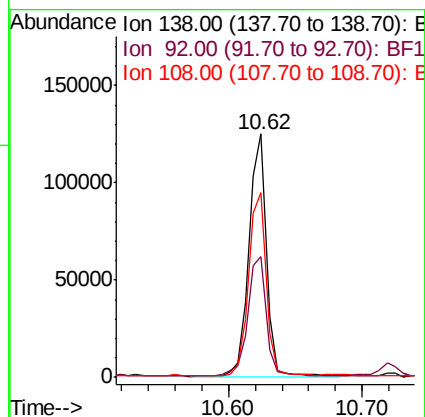
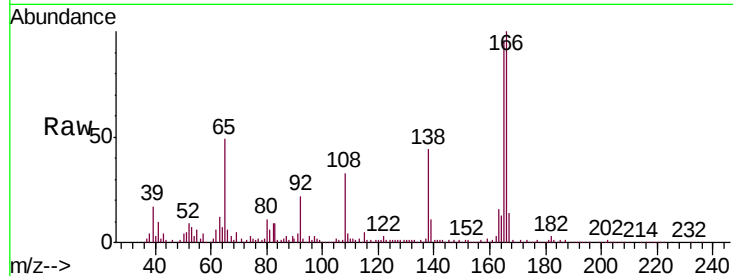




#61
4-Nitroaniline
Concen: 17.280 ng
RT: 10.62 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

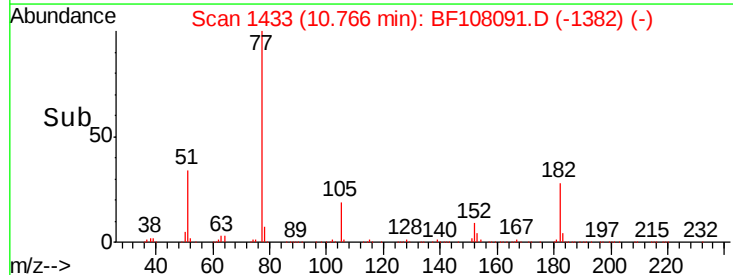
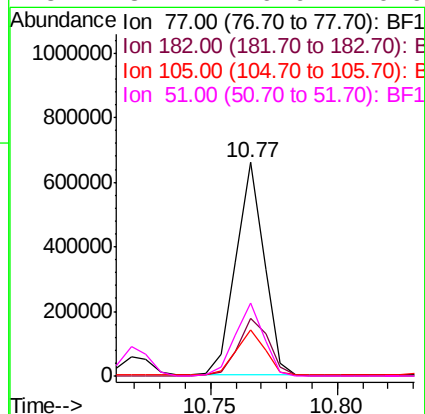
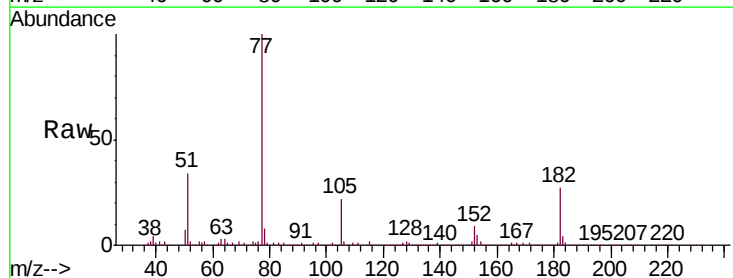
Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

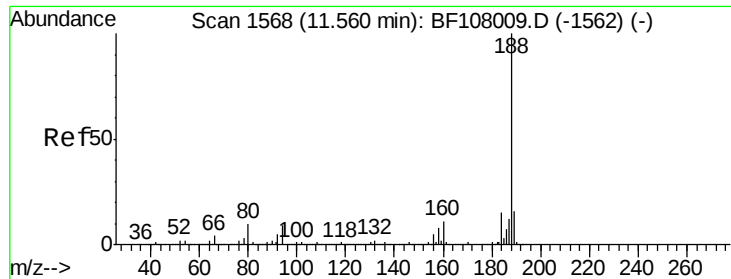
Tgt Ion:138 Resp: 112664
Ion Ratio Lower Upper
138 100
92 49.8 30.2 70.2
108 75.8 52.5 92.5



#62
Azobenzene
Concen: 17.751 ng
RT: 10.77 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion: 77 Resp: 511416
Ion Ratio Lower Upper
77 100
182 27.1 1.7 41.7
105 21.8 3.0 43.0
51 34.2 9.9 49.9

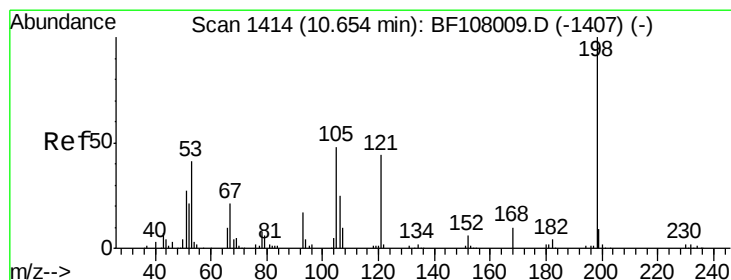
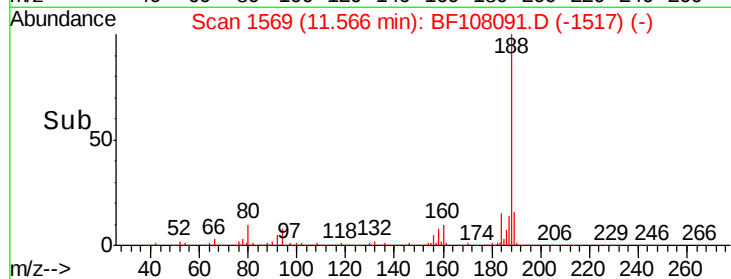
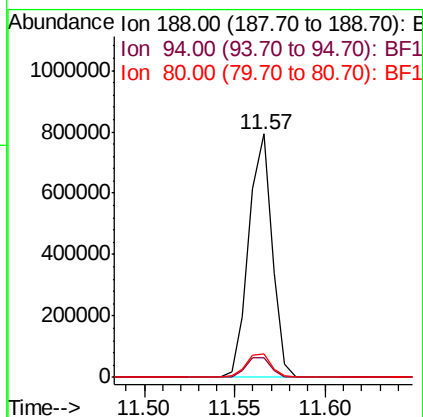
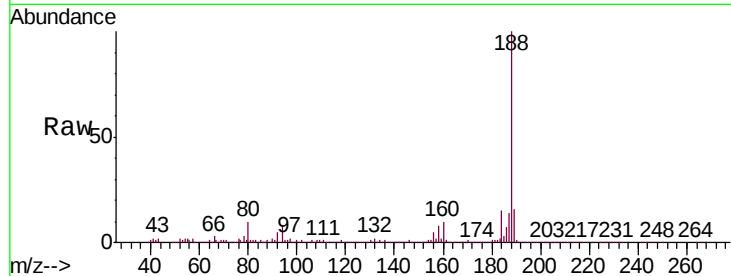




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

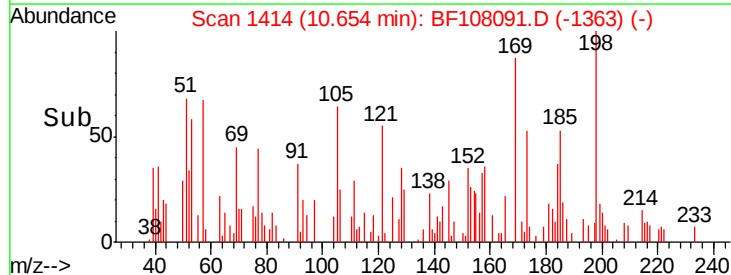
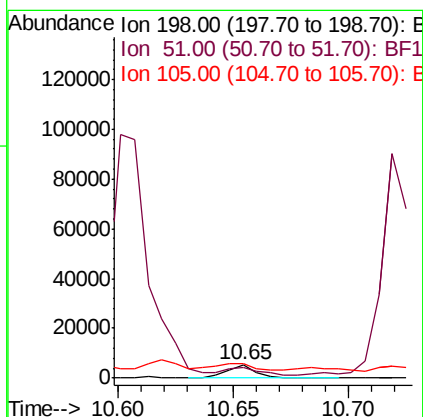
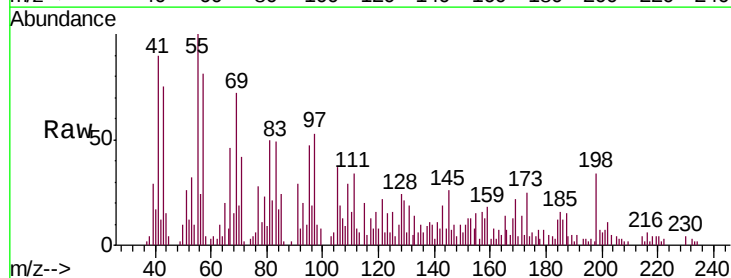
Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

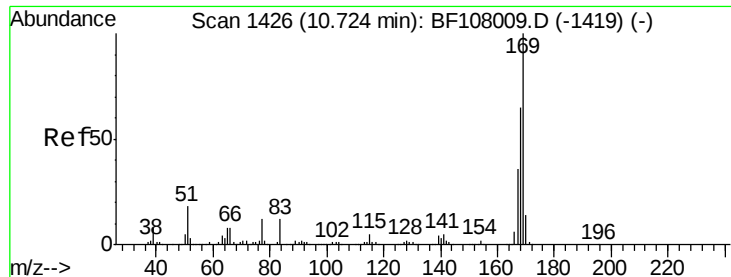
Tgt Ion:188 Resp: 711557
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 9.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 6.909 ng
RT: 10.65 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion:198 Resp: 4663
Ion Ratio Lower Upper
198 100
51 76.3 37.7 77.7
105 110.6 36.3 76.3#

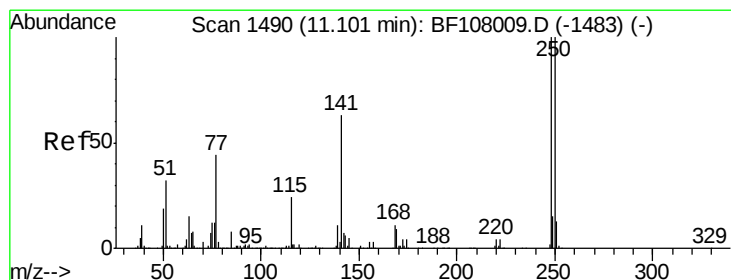
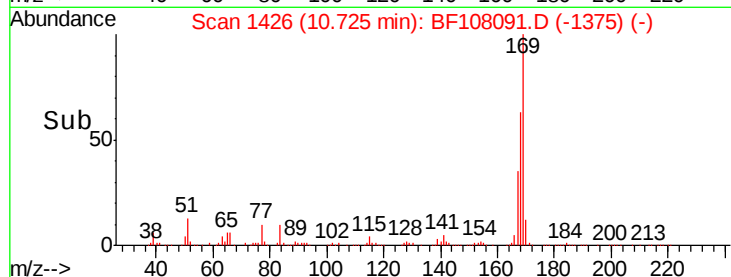
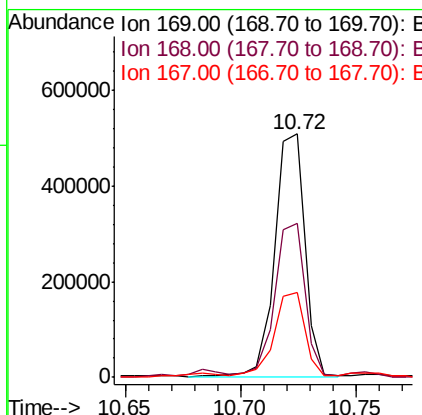
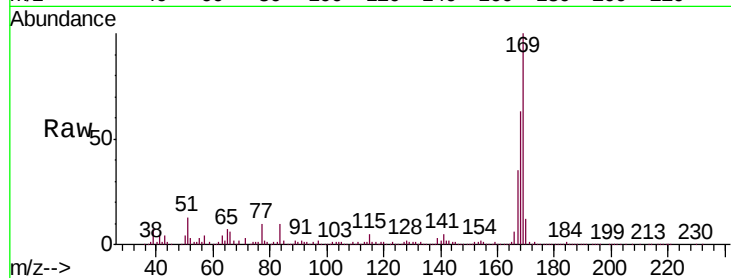




#65
 n-Nitrosodiphenylamine
 Concen: 21.691 ng
 RT: 10.72 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

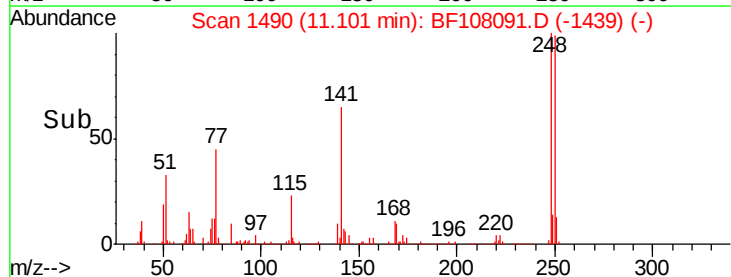
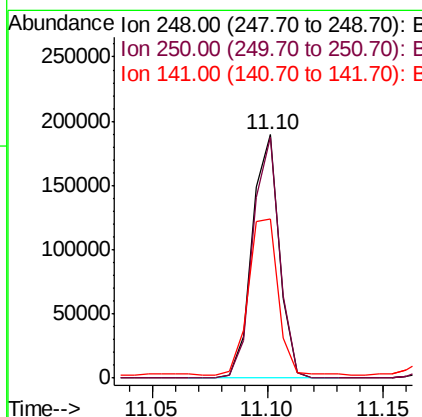
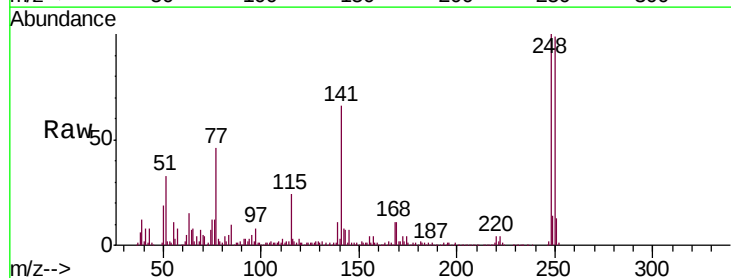
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMS

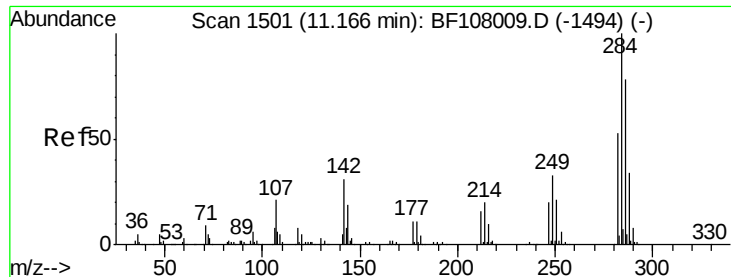
Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.2	54.4	81.6
167	34.7	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 20.125 ng
 RT: 11.10 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.0	76.9	115.3
141	65.6	74.4	111.6#

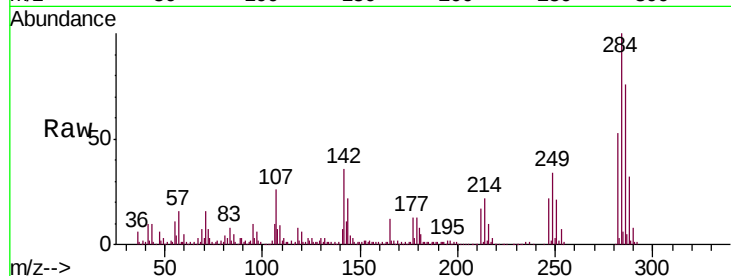




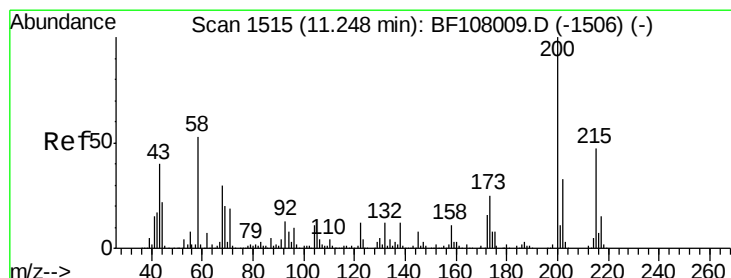
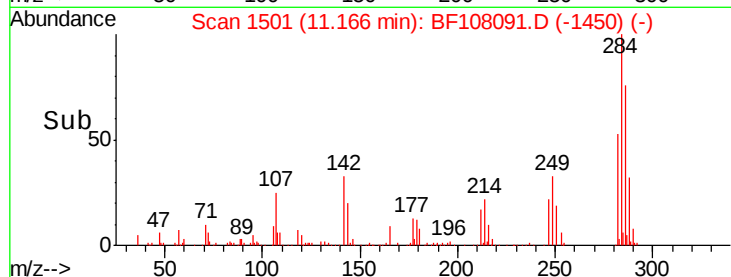
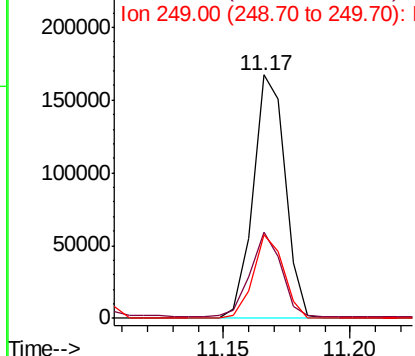
#67
Hexachlorobenzene
Concen: 18.242 ng
RT: 11.17 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

Tgt Ion:284 Resp: 148421
Ion Ratio Lower Upper
284 100
142 35.5 34.6 52.0
249 34.3 24.8 37.2

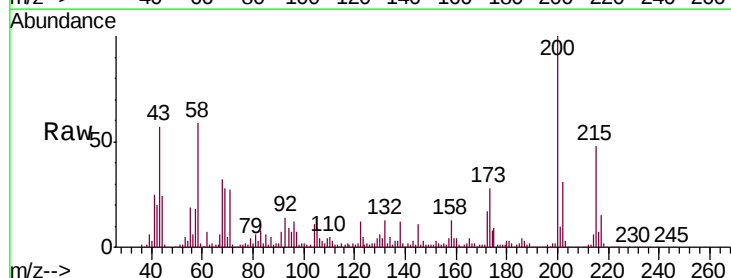


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

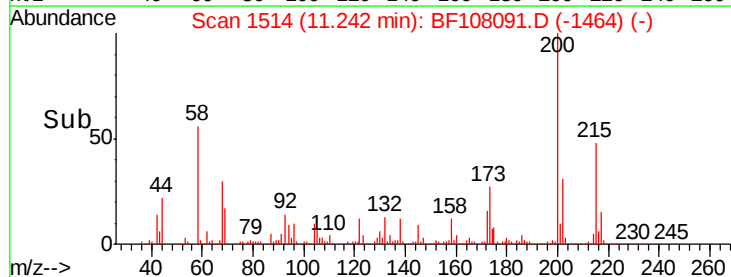
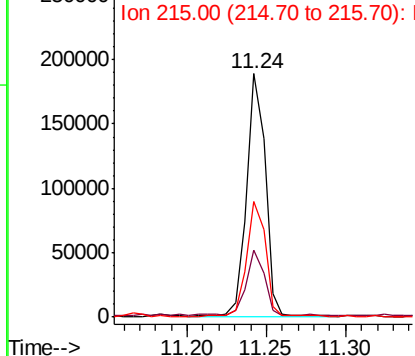


#68
Atrazine
Concen: 21.886 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion:200 Resp: 154356
Ion Ratio Lower Upper
200 100
173 27.6 8.6 48.6
215 47.7 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

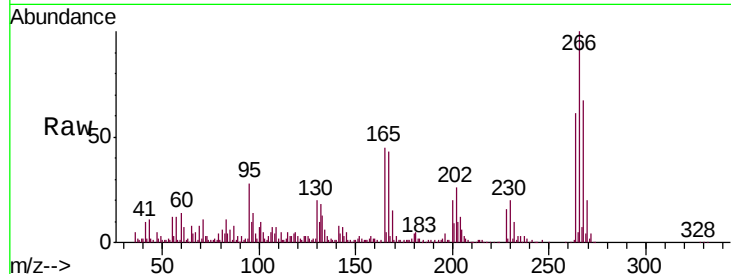




#69
 Pentachlorophenol
 Concen: 32.192 ng
 RT: 11.36 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.1	51.1	76.7
264	60.7	49.5	74.3

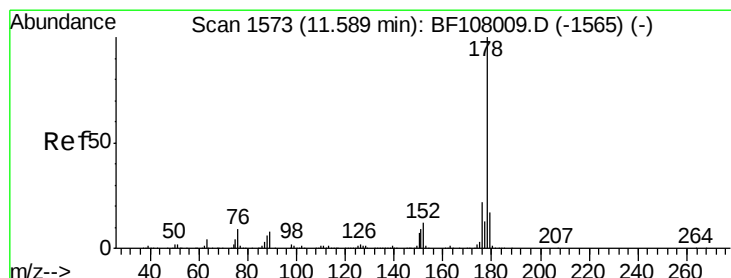
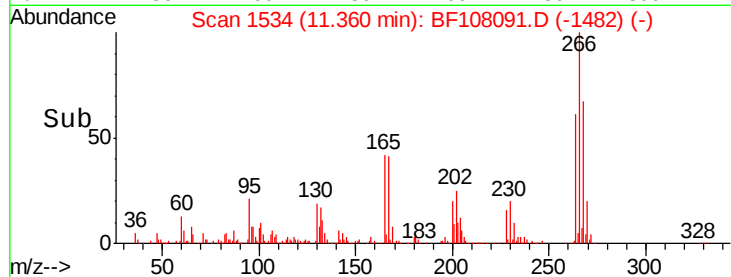
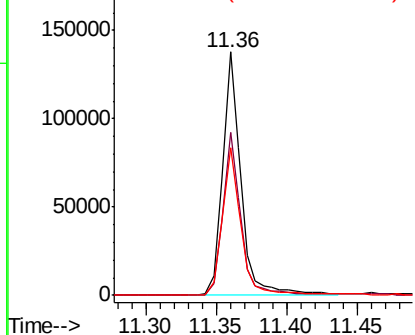


Abundance

Ion 265.70 (265.40 to 266.40): E

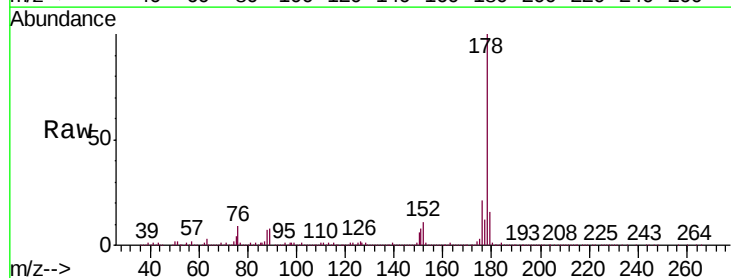
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 33.497 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.8
179	16.2	13.0	19.6

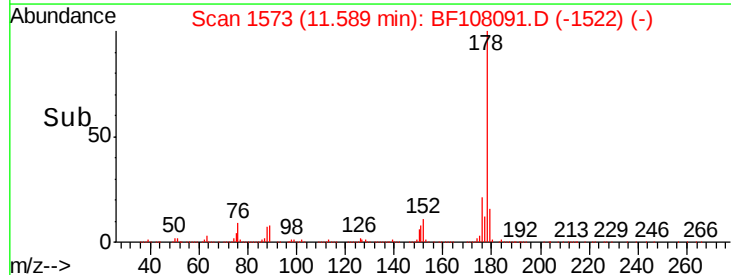
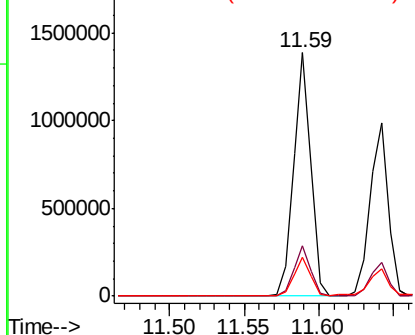


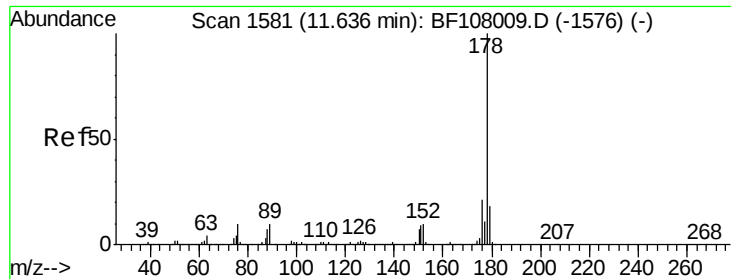
Abundance

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

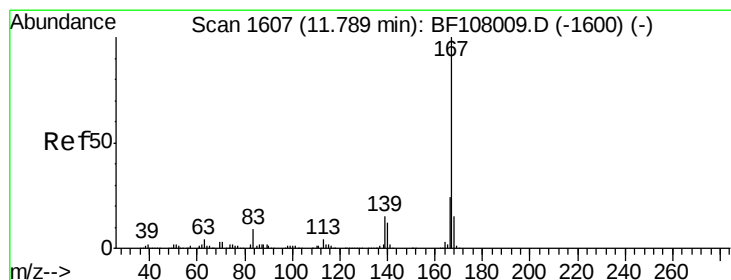
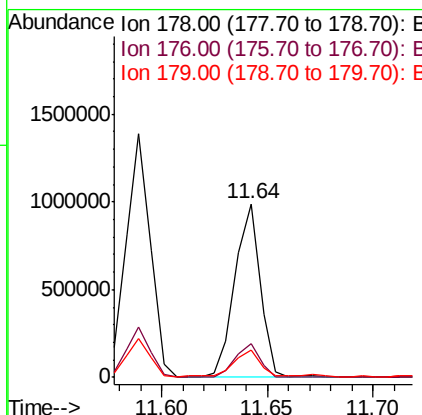
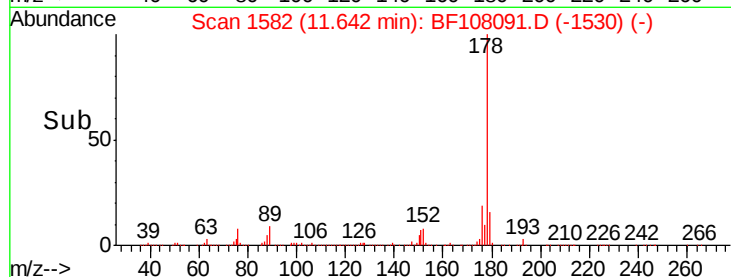
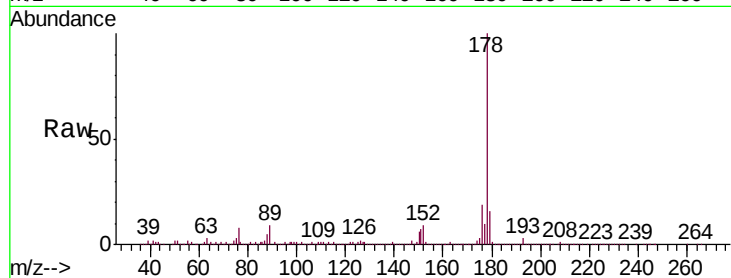




#71
 Anthracene
 Concen: 23.902 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

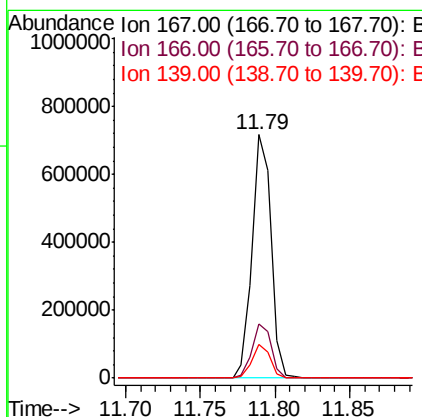
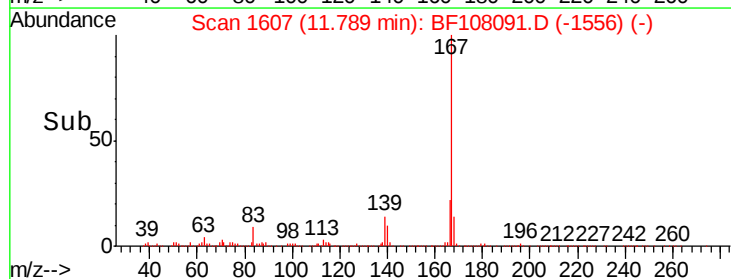
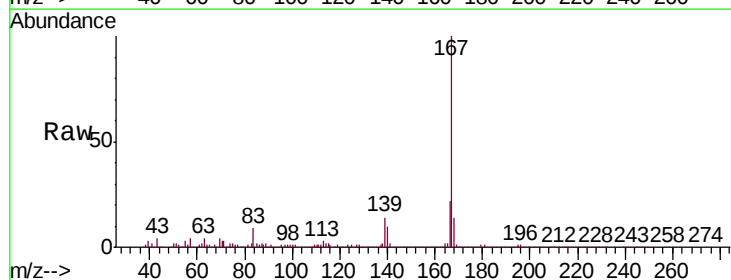
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMS

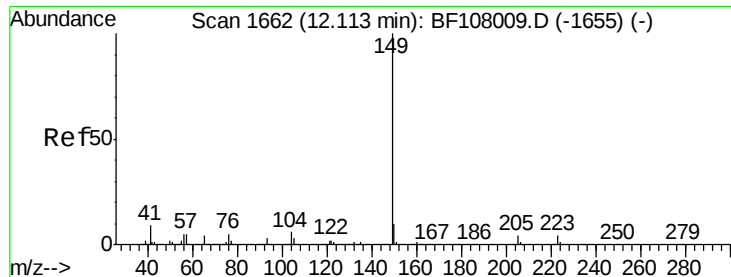
Tgt Ion:178 Resp: 822201
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 20.389 ng
 RT: 11.79 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Tgt Ion:167 Resp: 623125
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 22.729 ng

RT: 12.11 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMS

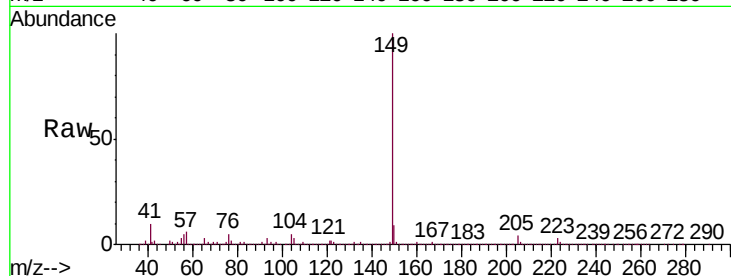
Tgt Ion:149 Resp: 786816

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

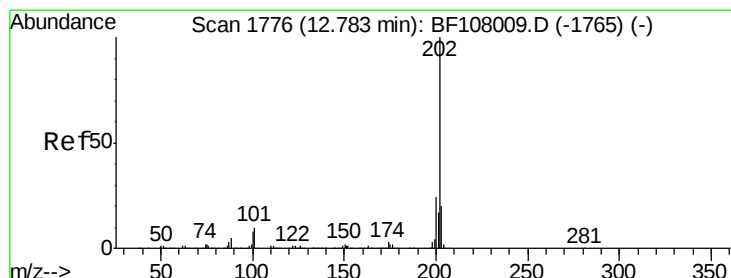
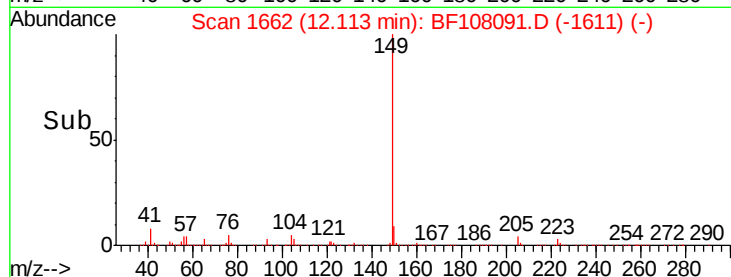
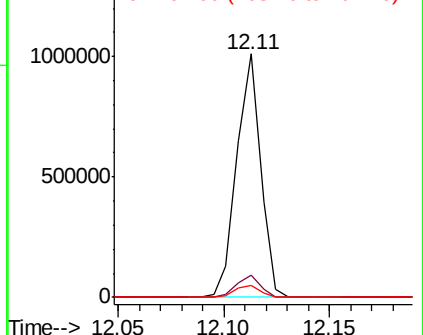
104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.433 ng

RT: 12.78 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

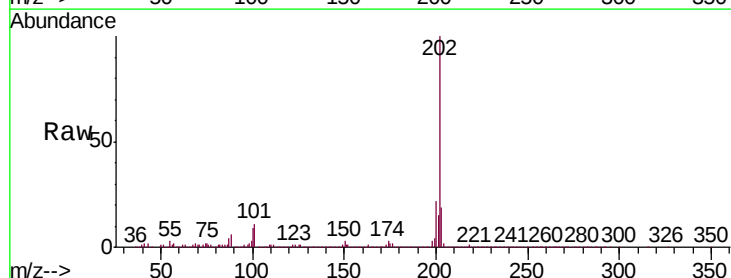
Tgt Ion:202 Resp: 1224595

Ion Ratio Lower Upper

202 100

101 11.3 0.0 34.1

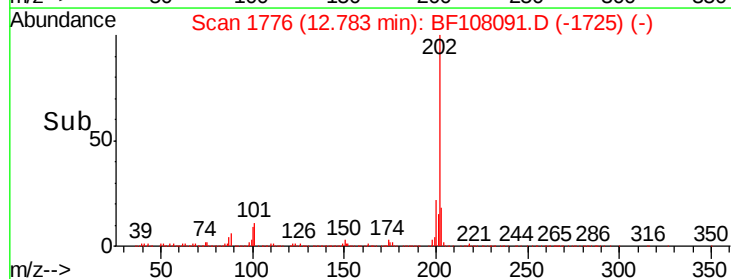
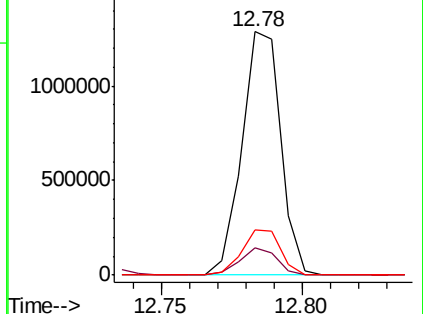
203 18.5 0.0 38.1

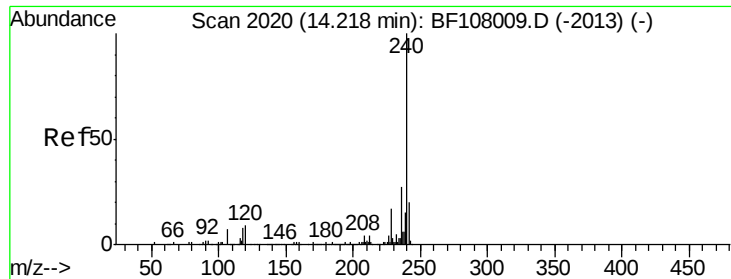


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMS

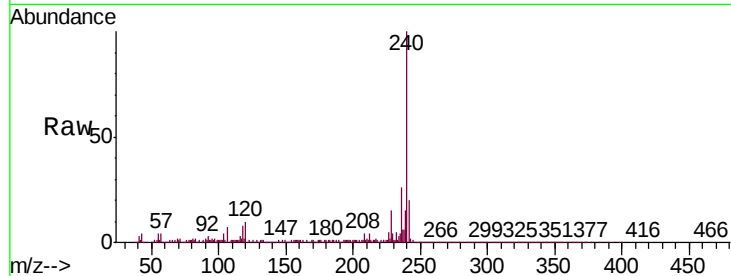
Tgt Ion:240 Resp: 644448

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

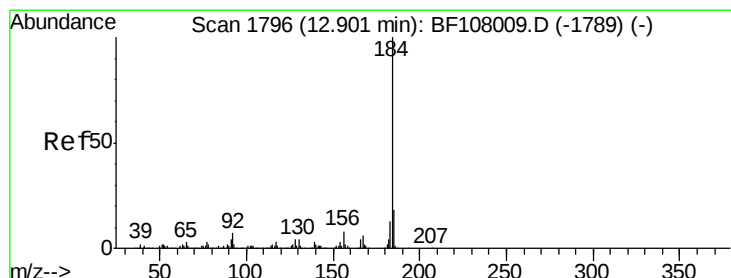
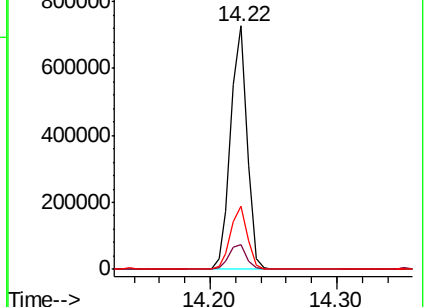
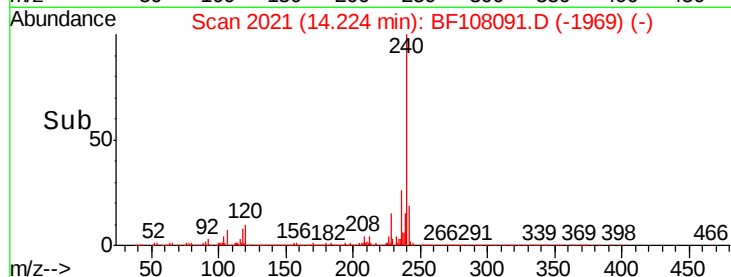
236 25.8 20.7 31.1



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: 17.275 ng

RT: 12.91 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

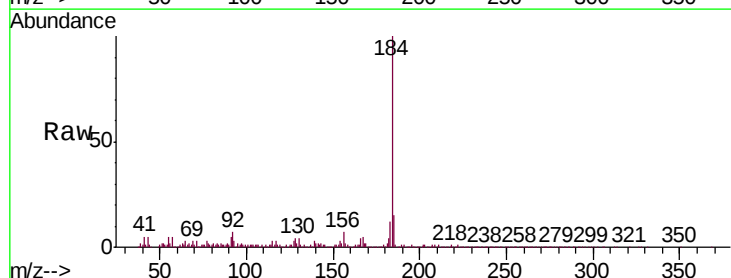
Tgt Ion:184 Resp: 415962

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

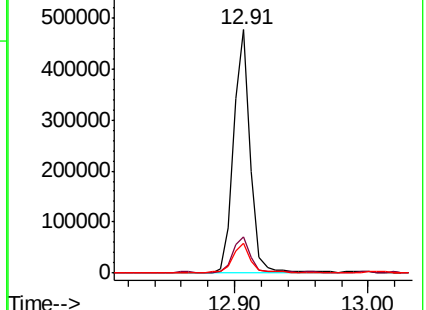
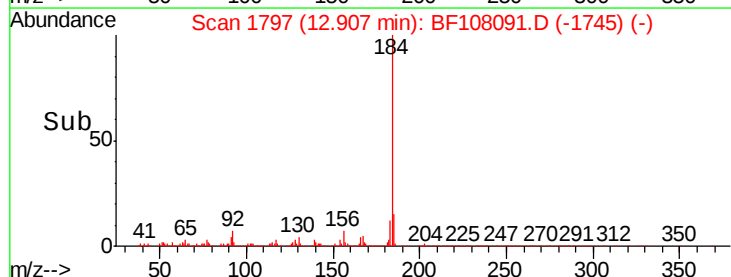
183 12.0 9.3 13.9

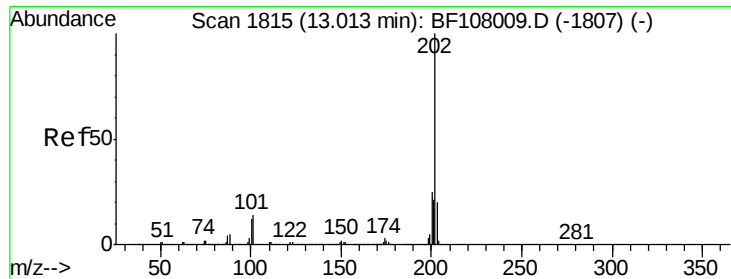


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

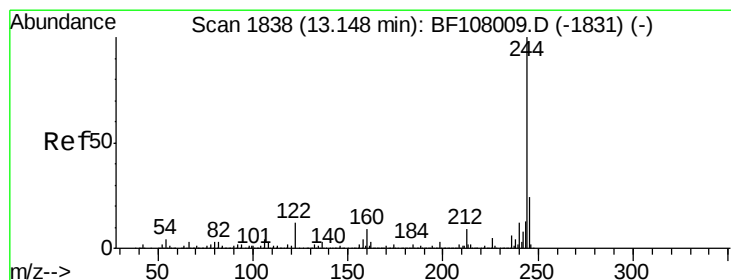
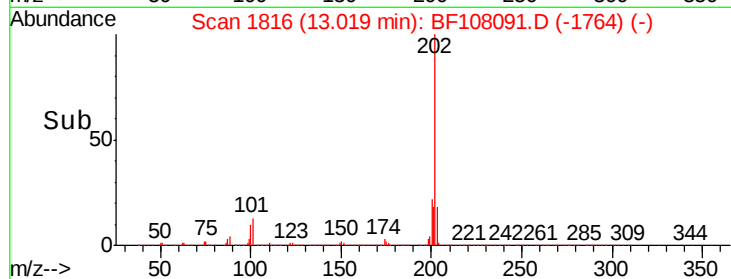
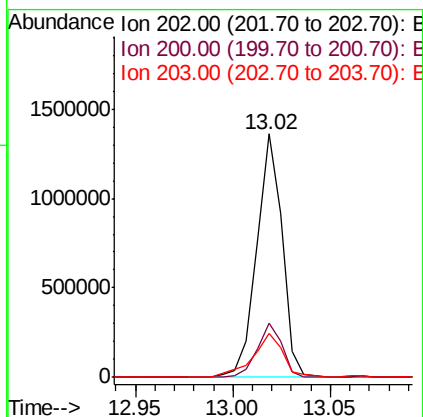
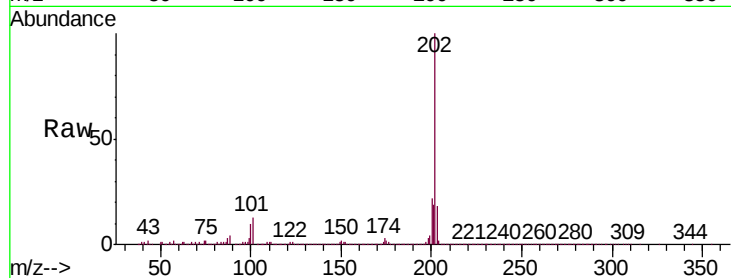




#77
 Pyrene
 Concen: 29.949 ng
 RT: 13.02 min Scan# 1816
 Delta R.T. 0.01 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

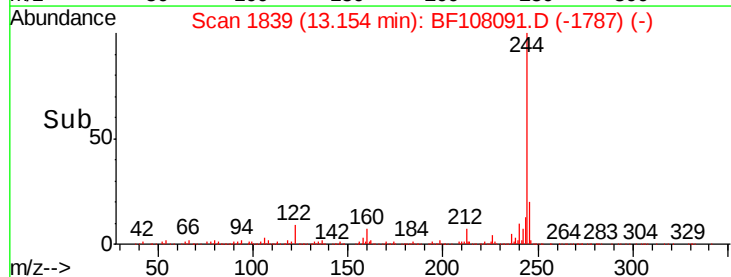
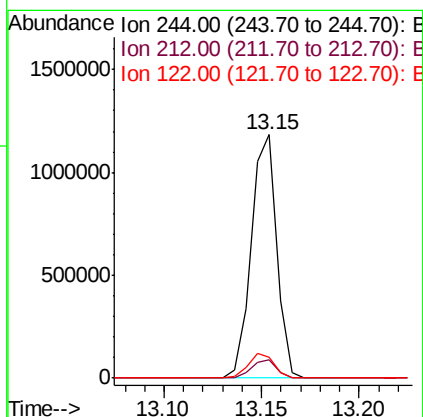
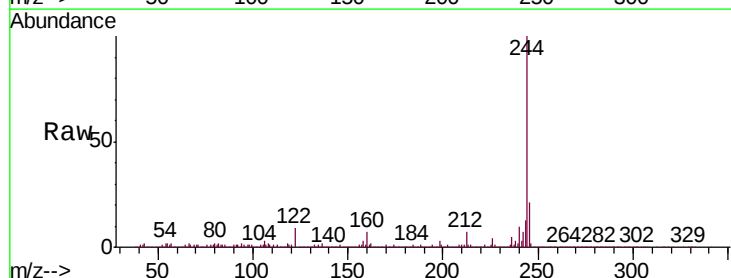
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMS

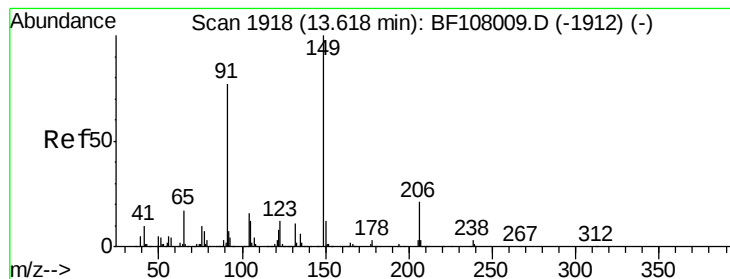
Tgt Ion:202 Resp: 1221933
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.4 26.2
 203 18.3 14.3 21.5



#78
 Terphenyl-d14
 Concen: 42.041 ng
 RT: 13.15 min Scan# 1839
 Delta R.T. 0.01 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Tgt Ion:244 Resp: 1065578
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 8.7 11.0 16.4#





#79

Butylbenzylphthalate

Concen: 19.387 ng

RT: 13.62 min Scan# 1919

Delta R.T. 0.01 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMS

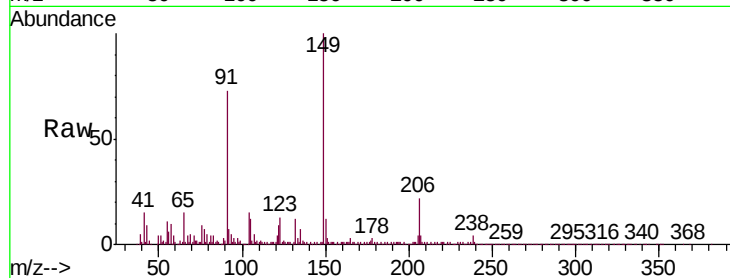
Tgt Ion:149 Resp: 314099

Ion Ratio Lower Upper

149 100

91 72.6 56.8 85.2

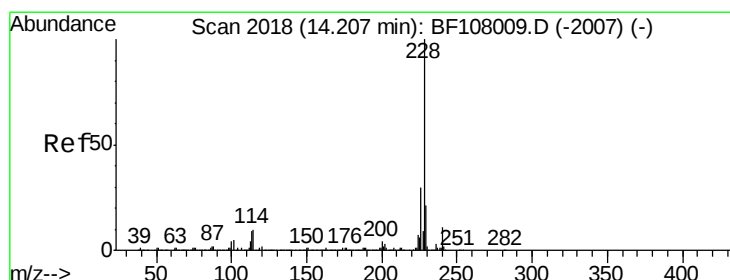
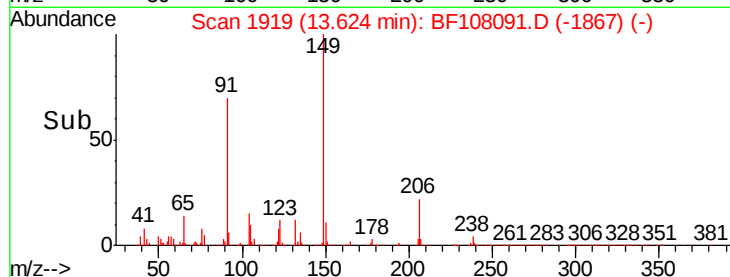
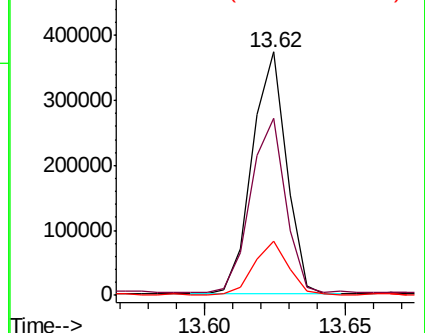
206 22.2 14.1 21.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 25.115 ng

RT: 14.21 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

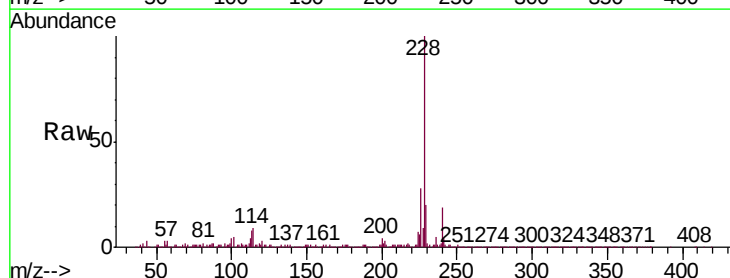
Tgt Ion:228 Resp: 928859

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

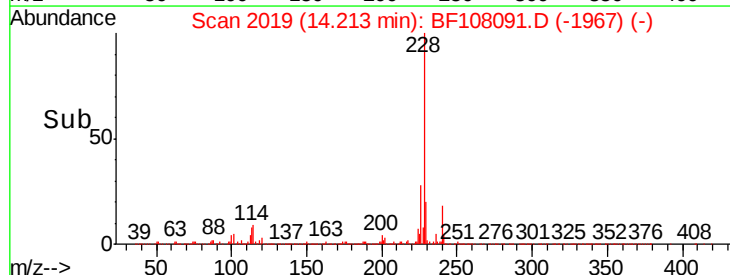
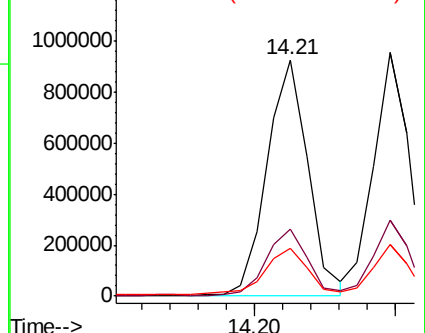
229 20.3 15.8 23.6

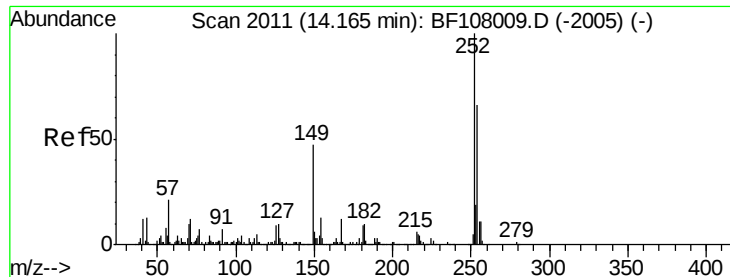


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

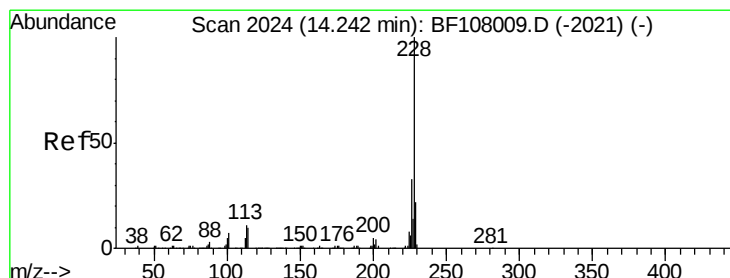
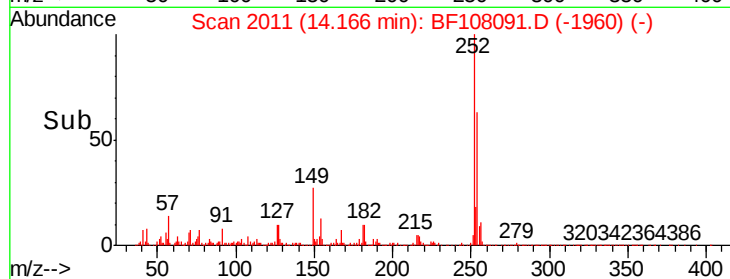
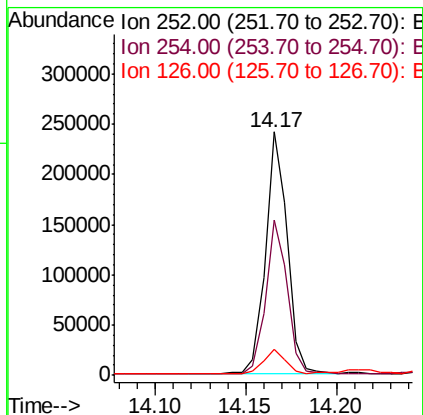
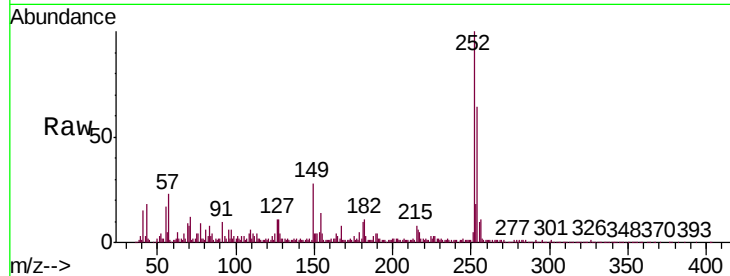




#81
 3,3'-Dichlorobenzidine
 Concen: 15.195 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

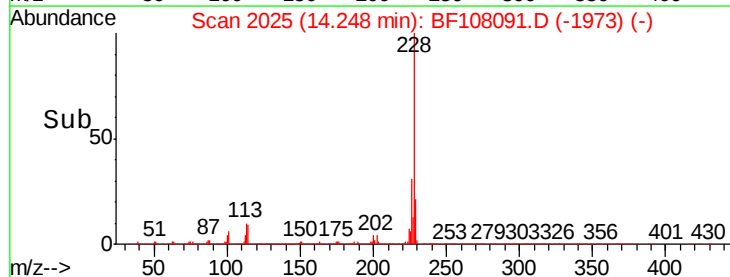
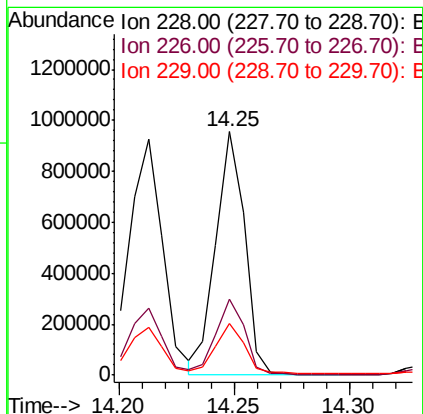
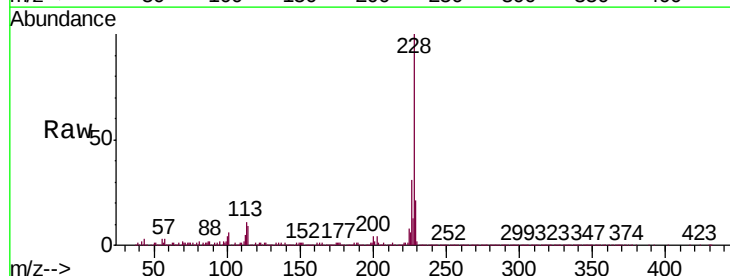
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMS

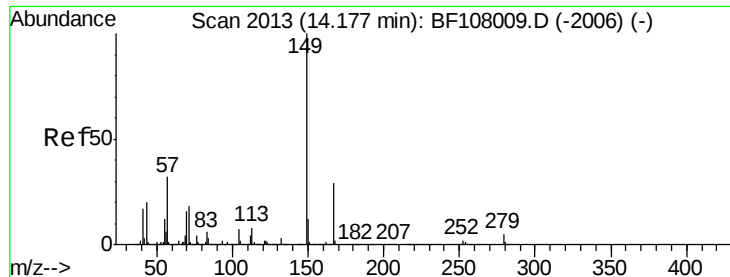
Tgt Ion:252 Resp: 201402
 Ion Ratio Lower Upper
 252 100
 254 63.6 50.4 75.6
 126 10.6 11.3 16.9#



#82
 Chrysene
 Concen: 24.237 ng
 RT: 14.25 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Tgt Ion:228 Resp: 821828
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.0 37.6
 229 21.0 16.2 24.4

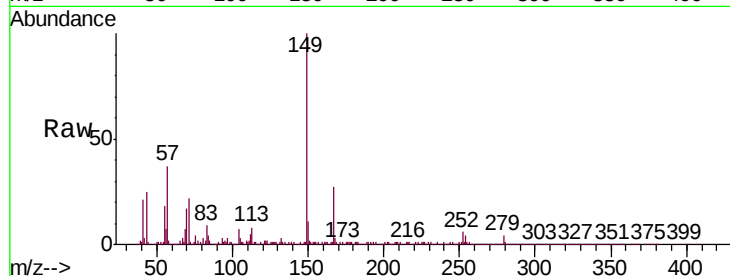




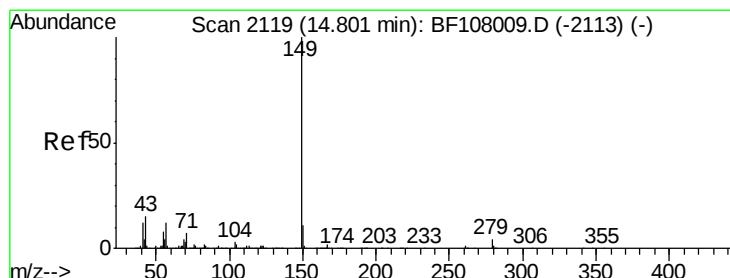
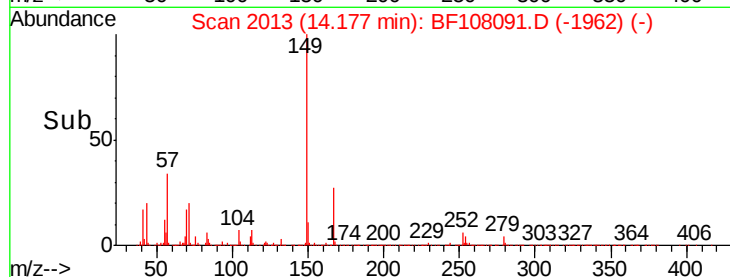
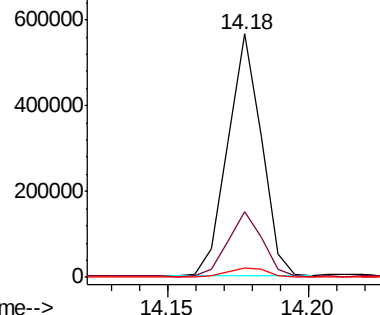
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 21.262 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMS

Tgt Ion:149 Resp: 466480
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.3 31.9
 279 4.0 3.0 4.4

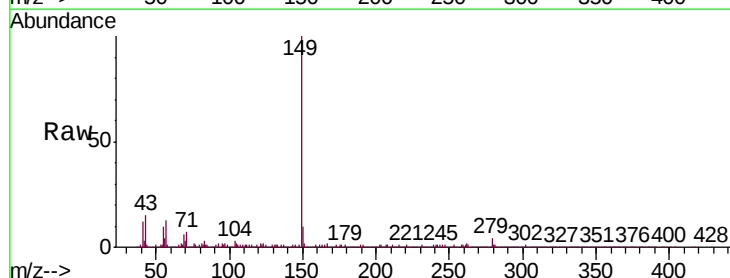


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

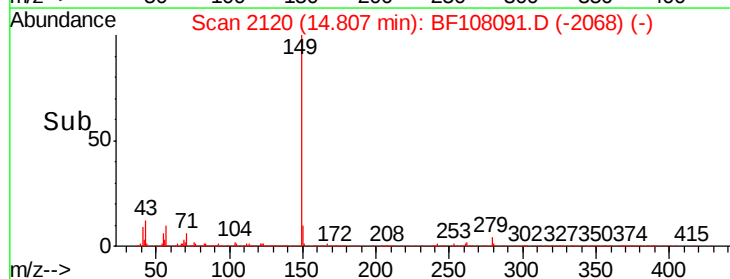
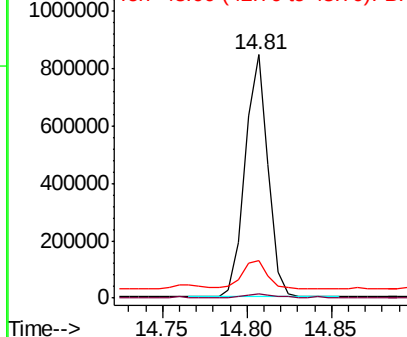


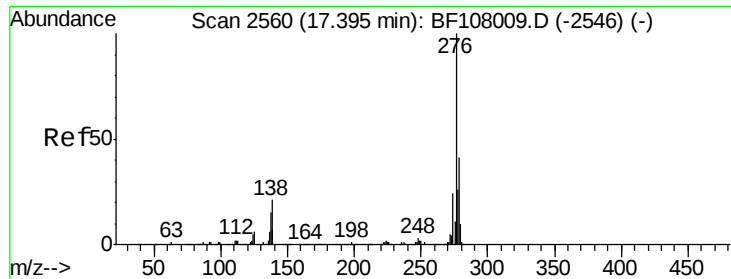
#84
 Di-n-octyl phthalate
 Concen: 23.748 ng
 RT: 14.81 min Scan# 2120
 Delta R.T. 0.01 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Tgt Ion:149 Resp: 794591
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 13.6 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

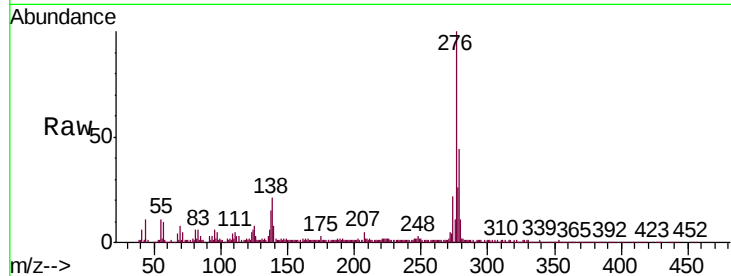




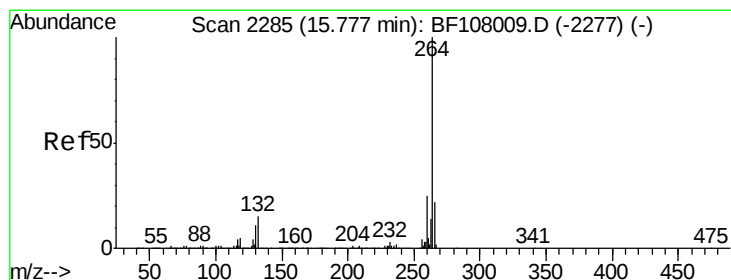
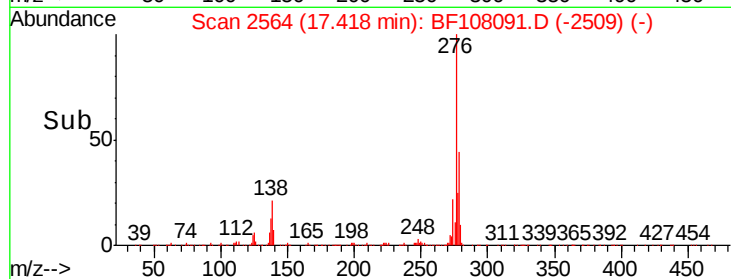
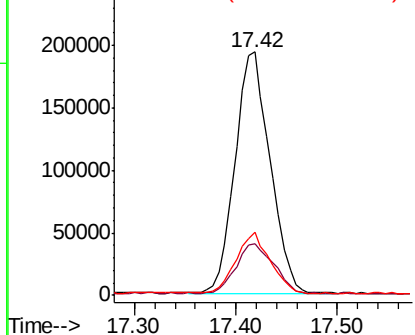
#85
Indeno(1,2,3-cd)pyrene
Concen: 15.715 ng
RT: 17.42 min Scan# 2564
Delta R.T. 0.02 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.1	25.0	37.6#
277	25.2	20.1	30.1

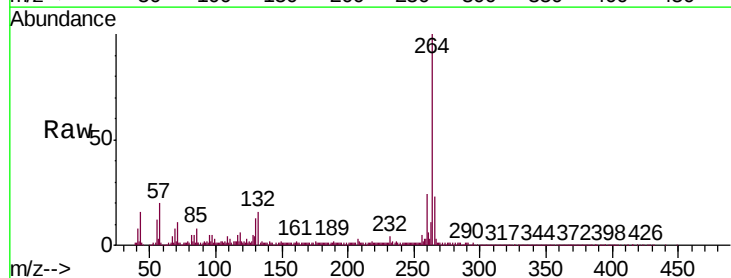


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

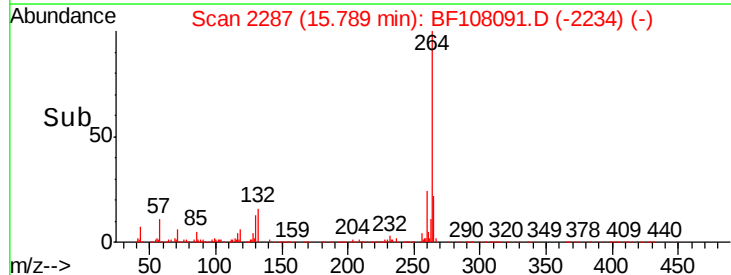
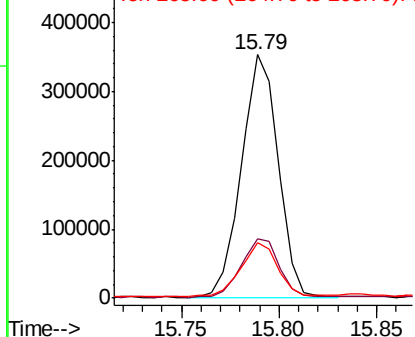


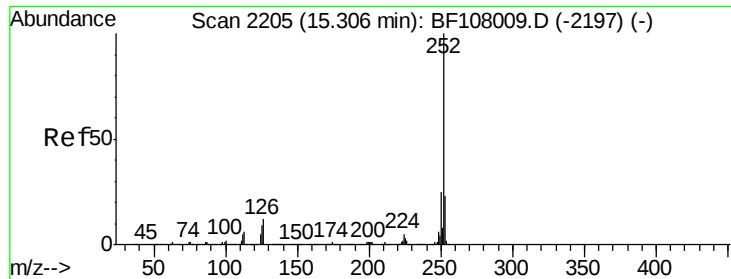
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.79 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.5	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

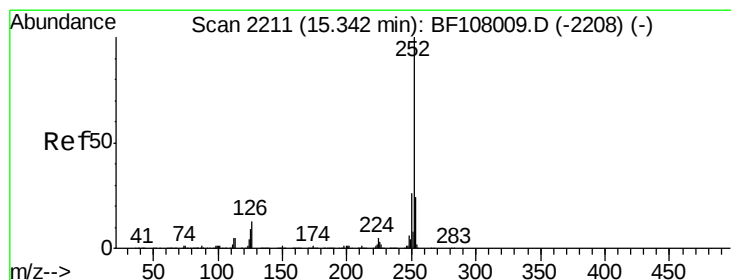
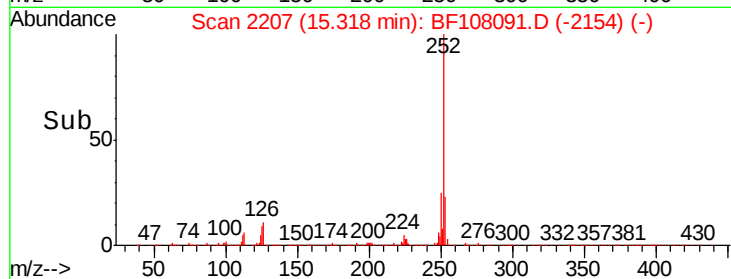
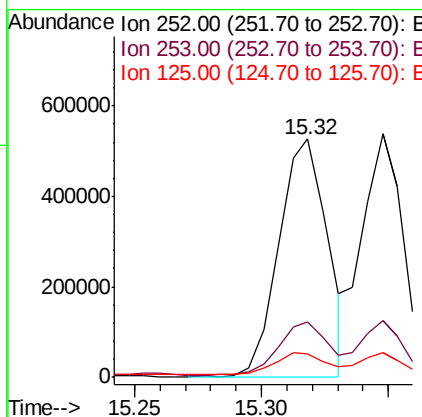
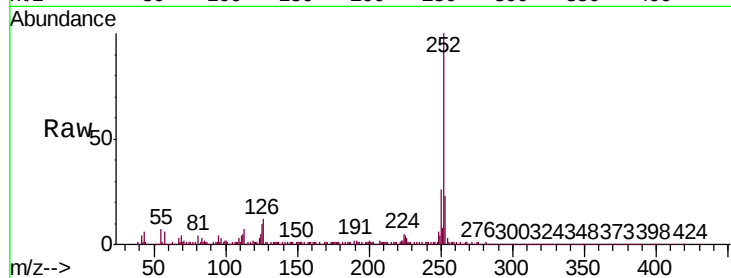




#87
Benzo(b)fluoranthene
Concen: 25.418 ng
RT: 15.32 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

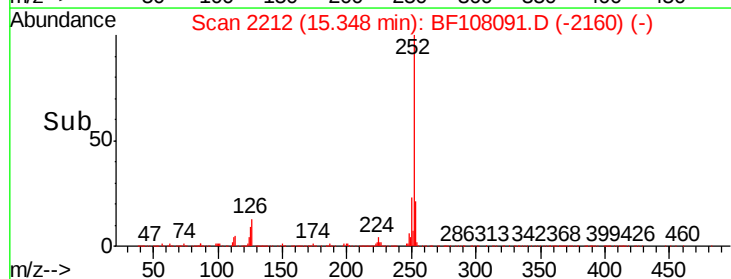
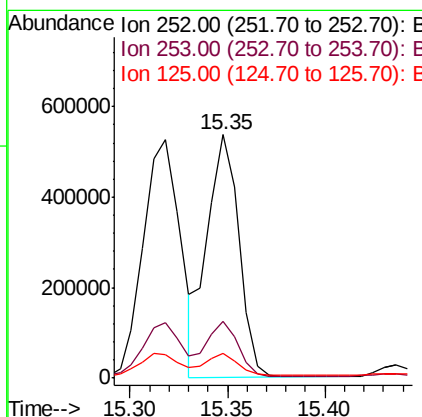
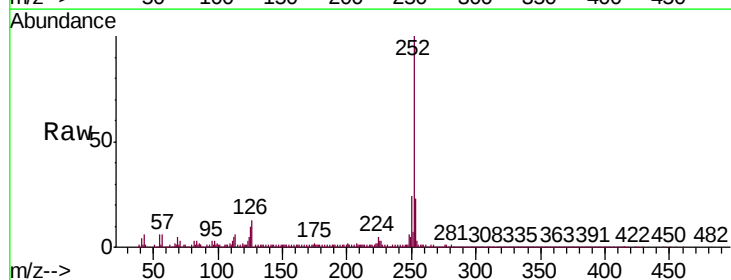
Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

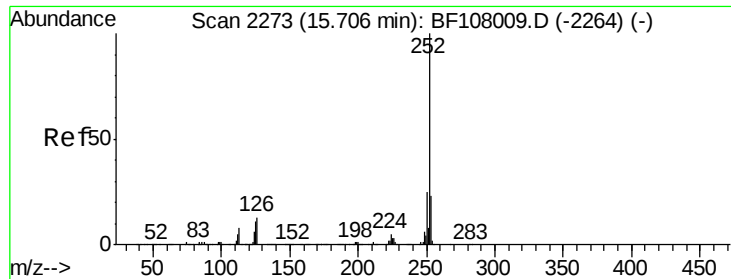
Tgt Ion:252 Resp: 694623
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.6
125 10.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 24.097 ng
RT: 15.35 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion:252 Resp: 605333
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 10.3 10.2 15.2





#89

Benzo(a)pyrene

Concen: 23.886 ng

RT: 15.72 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMS

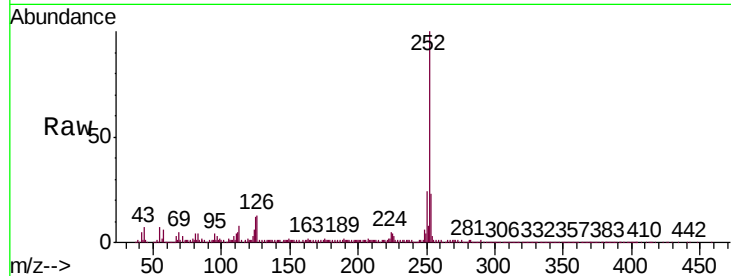
Tgt Ion:252 Resp: 584526

Ion Ratio Lower Upper

252 100

253 23.2 17.1 25.7

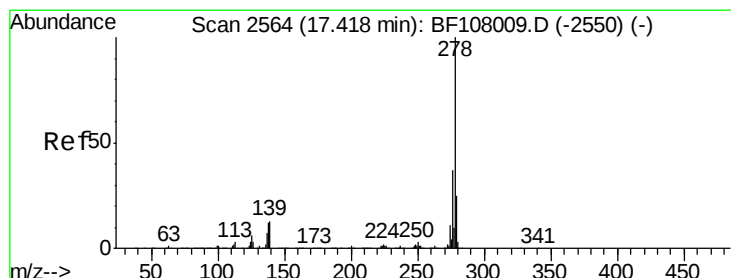
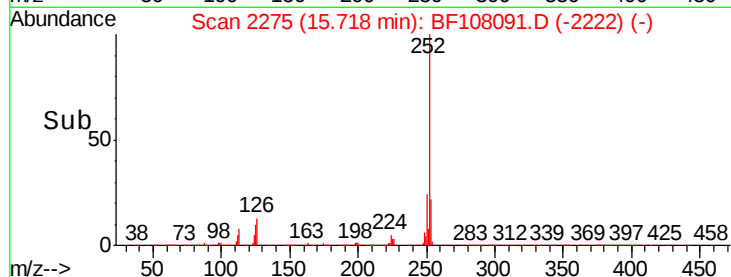
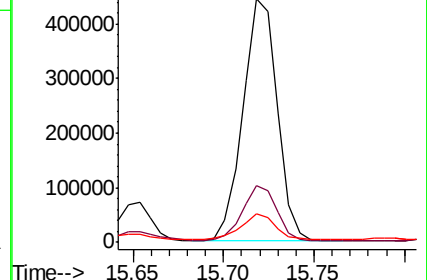
125 11.7 9.8 14.6



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: 17.486 ng

RT: 17.44 min Scan# 2567

Delta R.T. 0.02 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

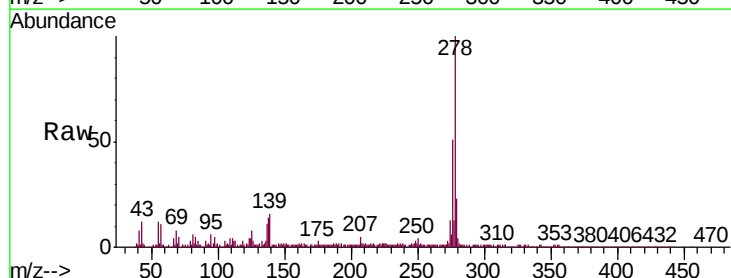
Tgt Ion:278 Resp: 354053

Ion Ratio Lower Upper

278 100

139 15.6 15.9 23.9#

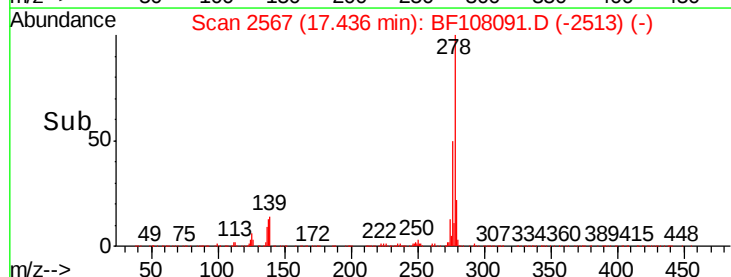
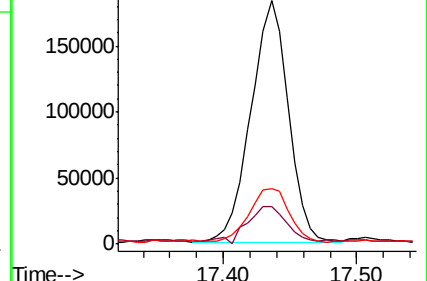
279 23.0 19.0 28.4

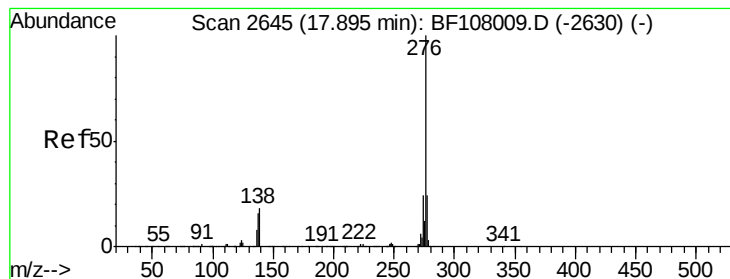


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 19.300 ng

RT: 17.91 min Scan# 2648

Delta R.T. 0.02 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMS

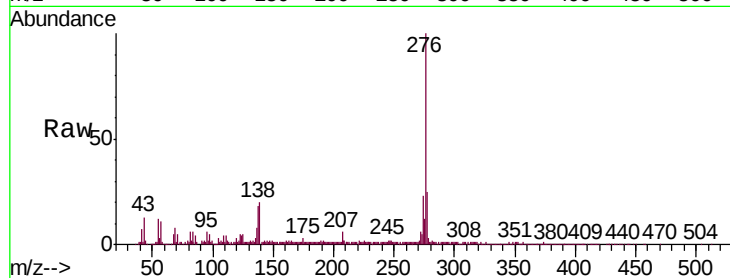
Tgt Ion: 276 Resp: 384804

Ion Ratio Lower Upper

276 100

277 25.4 17.9 26.9

138 19.7 21.8 32.8#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

