

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
 Data File : BF108079.D
 Acq On : 10 Aug 2018 13:07
 Operator : JU/SJ
 Sample : PB111926BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Quant Time: Aug 10 14:53:48 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	230269	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	904879	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	461499	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	926809	20.00	ng	0.00
75) Chrysene-d12	14.22	240	661907	20.00	ng	0.00
86) Perylene-d12	15.78	264	574957	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	1649303	129.67	ng	0.02
7) Phenol-d6	6.64	99	2197418	130.01	ng	0.00
23) Nitrobenzene-d5	7.58	82	1453753	89.65	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	653737	142.01	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2669766	92.88	ng	0.00
78) Terphenyl-d14	13.15	244	2935279	112.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.98	88	279866	42.823	ng	89
3) Pyridine	3.74	79	758737	45.069	ng	86
4) n-Nitrosodimethylamine	3.69	42	418514	44.179	ng	82
6) Aniline	6.68	93	801344	34.856	ng	97
8) 2-Chlorophenol	6.81	128	691340	48.262	ng	99
9) Benzaldehyde	6.57	77	337396	25.747	ng	98
10) Phenol	6.65	94	829600	47.452	ng	86
11) bis(2-Chloroethyl)ether	6.75	93	672138	47.554	ng	90
12) 1,3-Dichlorobenzene	6.96	146	780084	47.097	ng	99
13) 1,4-Dichlorobenzene	7.04	146	789679	47.453	ng	98
14) 1,2-Dichlorobenzene	7.19	146	729219	47.109	ng	98
15) Benzyl Alcohol	7.15	79	675538	47.478	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1342338	46.101	ng	96
17) 2-Methylphenol	7.25	107	589283	47.970	ng	95
18) Hexachloroethane	7.53	117	287877	48.590	ng	92
19) n-Nitroso-di-n-propylamine	7.42	70	529625	46.339	ng	# 89
20) 3+4-Methylphenols	7.41	107	757573	48.124	ng	97
22) Acetophenone	7.42	105	979562	46.297	ng	# 92
24) Nitrobenzene	7.60	77	779309	47.525	ng	93
25) Isophorone	7.84	82	1418798	45.903	ng	99
26) 2-Nitrophenol	7.91	139	340833	55.039	ng	90
27) 2,4-Dimethylphenol	7.94	122	651481	47.491	ng	95
28) bis(2-Chloroethoxy)methane	8.04	93	857613	47.530	ng	99
29) 2,4-Dichlorophenol	8.15	162	621030	49.193	ng	99
30) 1,2,4-Trichlorobenzene	8.24	180	659309	47.369	ng	98
31) Naphthalene	8.32	128	1937350	47.078	ng	97
32) Benzoic acid	8.05	122	239216	32.285	ng	92
33) 4-Chloroaniline	8.37	127	516699	28.811	ng	98
34) Hexachlorobutadiene	8.43	225	424434	48.169	ng	97
35) Caprolactam	8.75	113	126454	31.964	ng	# 77
36) 4-Chloro-3-methylphenol	8.84	107	644727	47.341	ng	98
37) 2-Methylnaphthalene	9.01	142	1380395	47.411	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	671082	47.352	ng	99
40) Hexachlorocyclopentadiene	9.17	237	882505	96.407	ng	99

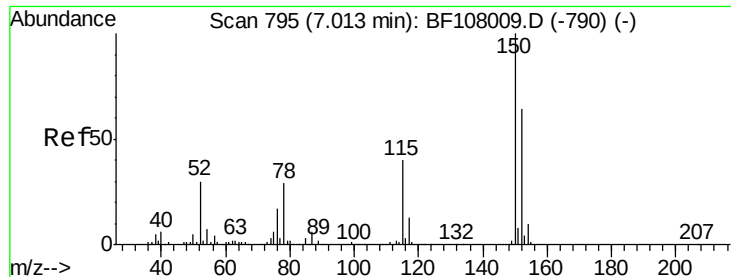
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
 Data File : BF108079.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	461780	52.508	ng	99
43) 2,4,5-Trichlorophenol	9.33	196	494504	51.079	ng	95
45) 1,1'-Biphenyl	9.48	154	1633313	48.001	ng	98
46) 2-Chloronaphthalene	9.51	162	1293802	48.109	ng	99
47) 2-Nitroaniline	9.60	65	451237	51.857	ng	87
48) Acenaphthylene	9.93	152	2051928	48.262	ng	97
49) Dimethylphthalate	9.78	163	1561506	48.574	ng	# 98
50) 2,6-Dinitrotoluene	9.84	165	348447	51.807	ng	90
51) Acenaphthene	10.10	154	1300021	49.922	ng	97
52) 3-Nitroaniline	10.01	138	283918	38.582	ng	89
53) 2,4-Dinitrophenol	10.12	184	181937	72.958	ng	# 22
54) Dibenzofuran	10.27	168	1776598	47.090	ng	94
55) 4-Nitrophenol	10.17	139	519909	93.298	ng	87
56) 2,4-Dinitrotoluene	10.25	165	461898	53.353	ng	# 91
57) Fluorene	10.62	166	1422289	47.623	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.39	232	409488	50.606	ng	# 86
59) Diethylphthalate	10.48	149	1540847	49.498	ng	# 94
60) 4-Chlorophenyl-phenylether	10.61	204	736564	47.330	ng	92
61) 4-Nitroaniline	10.64	138	365108	50.183	ng	92
62) Azobenzene	10.77	77	1528541	47.547	ng	92
64) 4,6-Dinitro-2-methylphenol	10.66	198	146291	42.708	ng	90
65) n-Nitrosodiphenylamine	10.72	169	1323719	48.332	ng	97
66) 4-Bromophenyl-phenylether	11.10	248	486089	48.262	ng	# 88
67) Hexachlorobenzene	11.17	284	509832	48.110	ng	# 85
68) Atrazine	11.25	200	447777	48.745	ng	96
69) Pentachlorophenol	11.36	266	481187	94.865	ng	99
70) Phenanthrene	11.59	178	2047856	46.846	ng	96
71) Anthracene	11.64	178	2115029	47.206	ng	95
72) Carbazole	11.80	167	1840021	46.223	ng	97
73) Di-n-butylphthalate	12.11	149	2287689	50.737	ng	# 96
74) Fluoranthene	12.78	202	2174861	45.586	ng	96
76) Benzidine	12.90	184	797942	32.266	ng	100
77) Pyrene	13.02	202	2171331	51.815	ng	96
79) Butylbenzylphthalate	13.62	149	952113	57.218	ng	# 96
80) Benzo(a)anthracene	14.21	228	1819810	47.907	ng	97
81) 3,3'-Dichlorobenzidine	14.17	252	512370	37.637	ng	# 95
82) Chrysene	14.25	228	1674769	48.090	ng	97
83) Bis(2-ethylhexyl)phthalate	14.18	149	1279318	56.774	ng	97
84) Di-n-octyl phthalate	14.81	149	1973769	57.434	ng	# 92
85) Indeno(1,2,3-cd)pyrene	17.41	276	1748366	57.941	ng	# 92
87) Benzo(b)fluoranthene	15.31	252	1657336	48.240	ng	96
88) Benzo(k)fluoranthene	15.35	252	1470692	46.568	ng	# 96
89) Benzo(a)pyrene	15.72	252	1492653	48.518	ng	96
90) Dibenzo(a,h)anthracene	17.43	278	1457517	57.259	ng	# 95
91) Benzo(g,h,i)perylene	17.91	276	1482583	59.149	ng	# 91

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

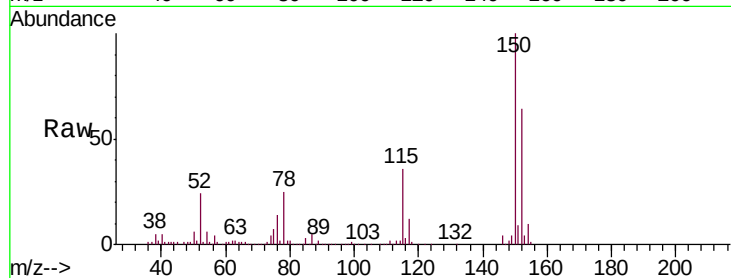


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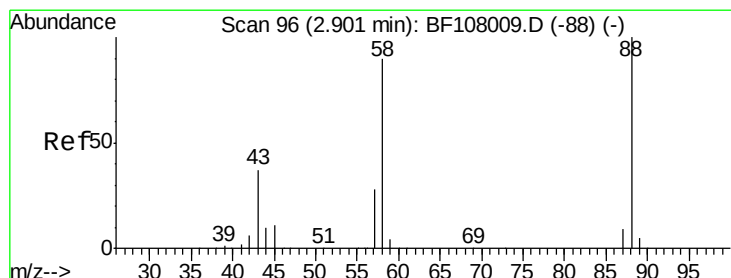
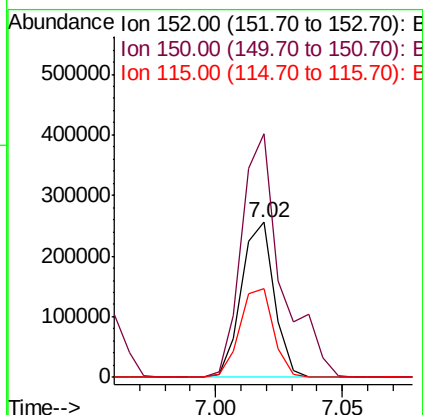
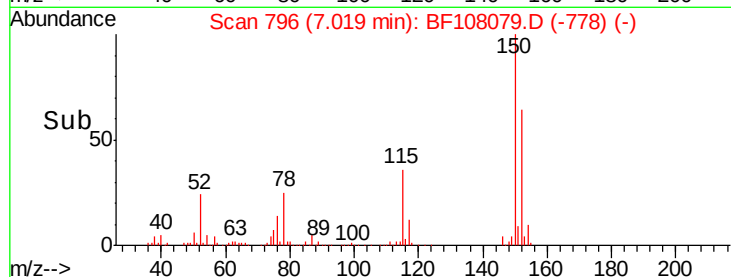
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tgt Ion:152 Resp: 230269
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 57.2 50.1 75.1



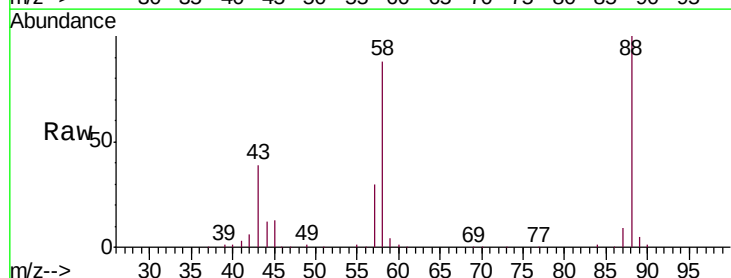
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



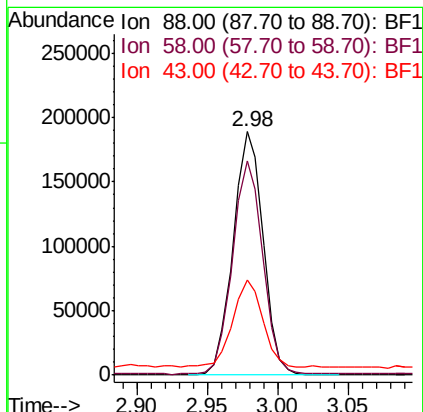
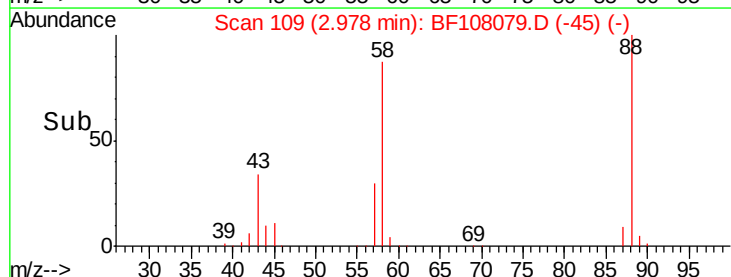
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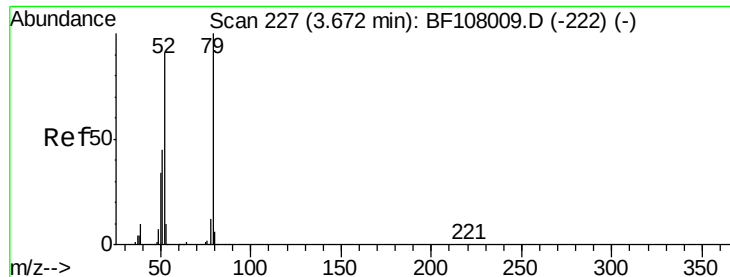
1,4-Dioxane
Concen: 42.823 ng
RT: 2.98 min Scan# 109
Delta R.T. 0.08 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion: 88 Resp: 279866
Ion Ratio Lower Upper
88 100
58 88.1 62.6 93.8
43 35.7 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: 45.069 ng

RT: 3.74 min Scan# 238

Delta R.T. 0.06 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

ClientSampleId :

PB111926BS

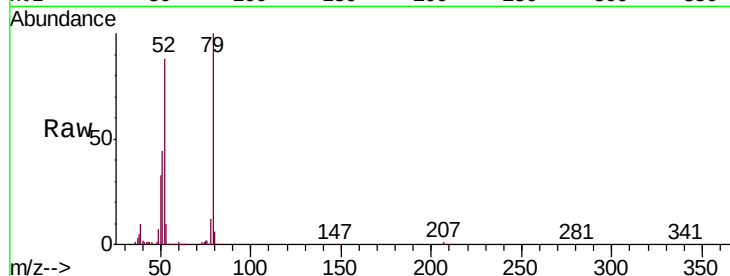
Tgt Ion: 79 Resp: 758737

Ion Ratio Lower Upper

79 100

52 88.1 59.8 89.6

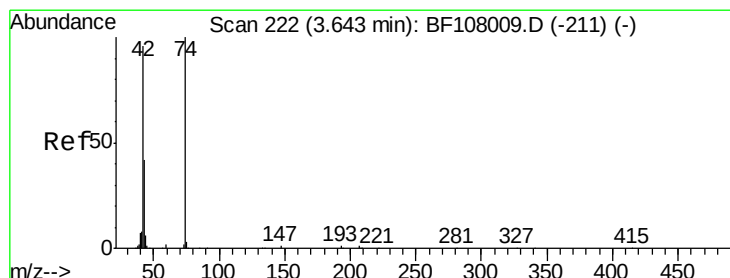
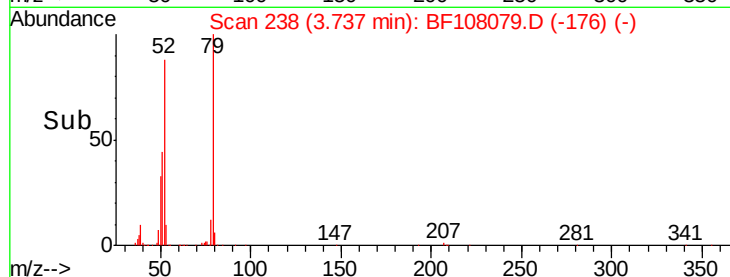
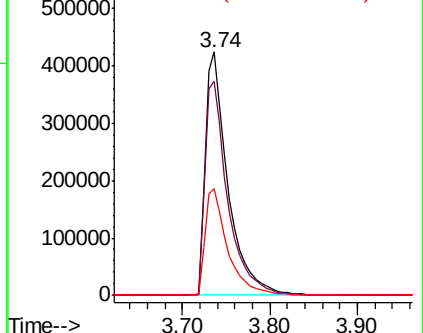
51 43.8 29.8 44.8



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: 44.179 ng

RT: 3.69 min Scan# 230

Delta R.T. 0.05 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

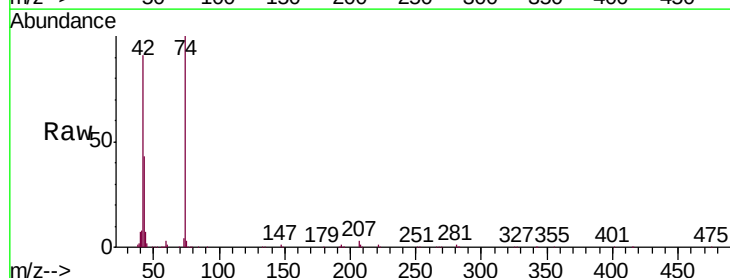
Tgt Ion: 42 Resp: 418514

Ion Ratio Lower Upper

42 100

74 109.4 104.9 157.3

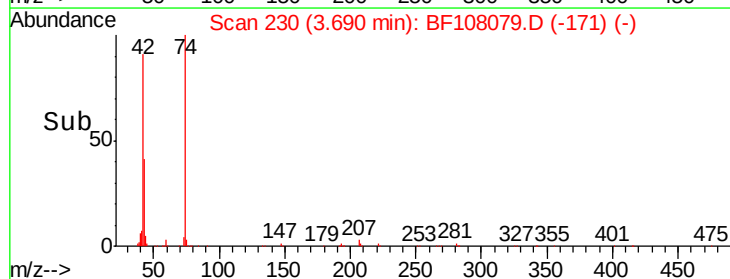
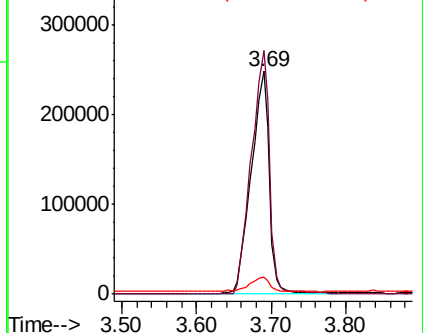
44 7.4 6.9 10.3

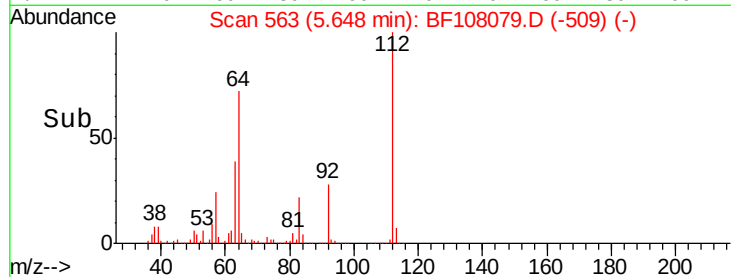
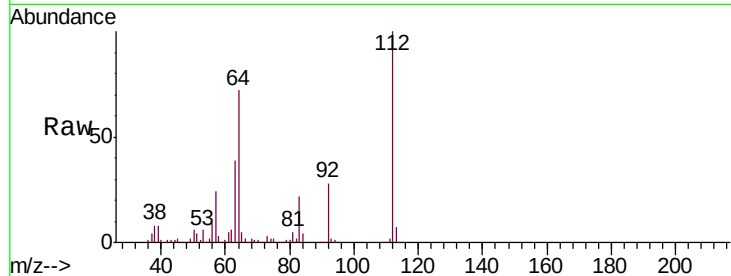
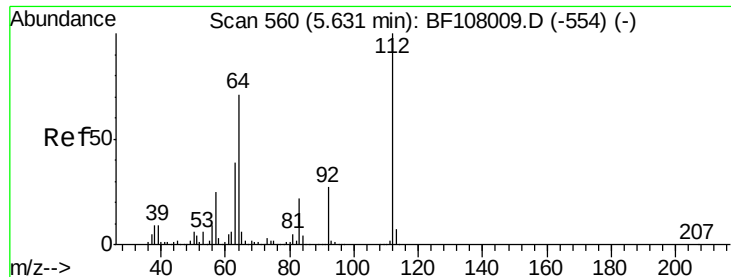


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 129.674 ng

RT: 5.65 min Scan# 563

Delta R.T. 0.02 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

ClientSampleId :

PB111926BS

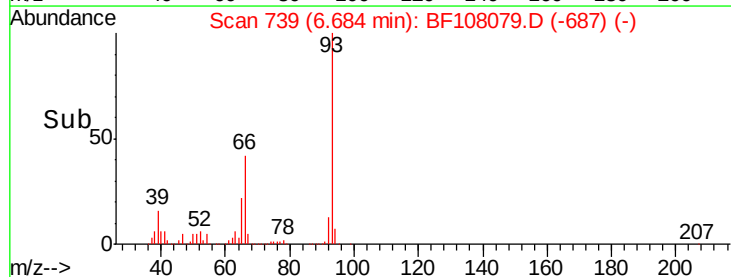
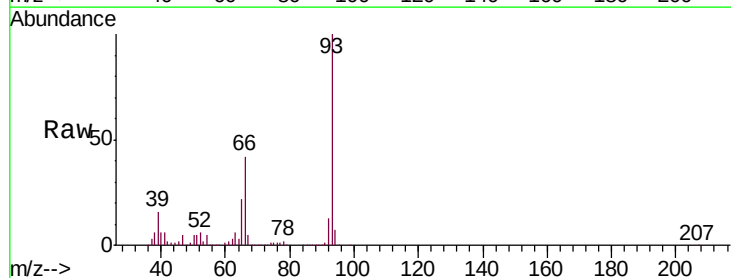
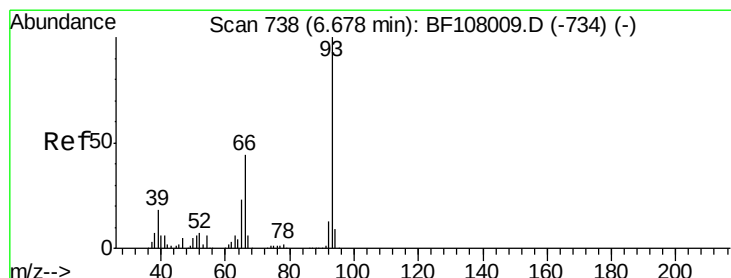
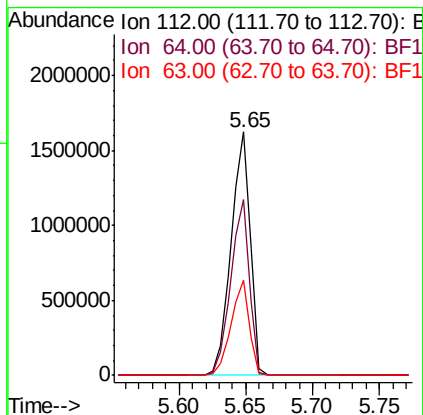
Tgt Ion: 112 Resp: 1649303

Ion Ratio Lower Upper

112 100

64 72.1 47.9 71.9#

63 39.1 23.7 35.5#



#6

Aniline

Concen: 34.856 ng

RT: 6.68 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

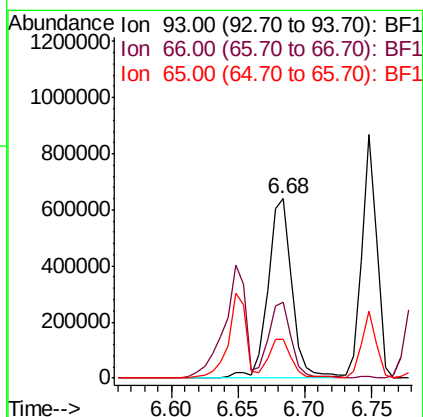
Tgt Ion: 93 Resp: 801344

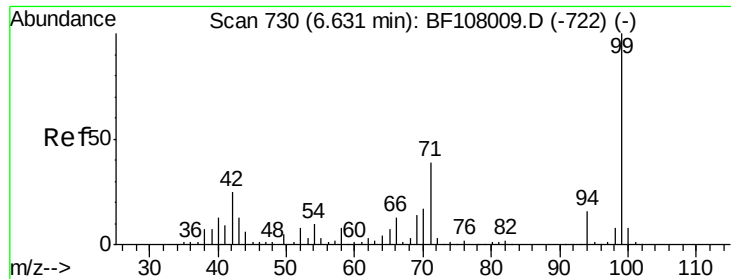
Ion Ratio Lower Upper

93 100

66 42.3 32.2 48.2

65 21.6 16.4 24.6





#7

Phenol-d6

Concen: 130.012 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

ClientSampleId :

PB111926BS

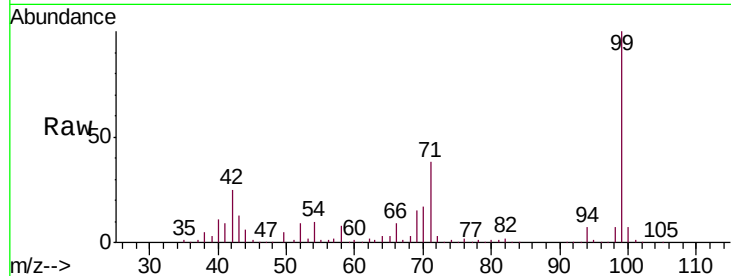
Tgt Ion: 99 Resp: 2197418

Ion Ratio Lower Upper

99 100

42 25.2 14.5 21.7#

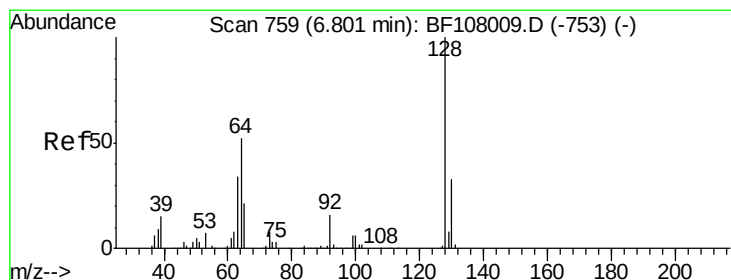
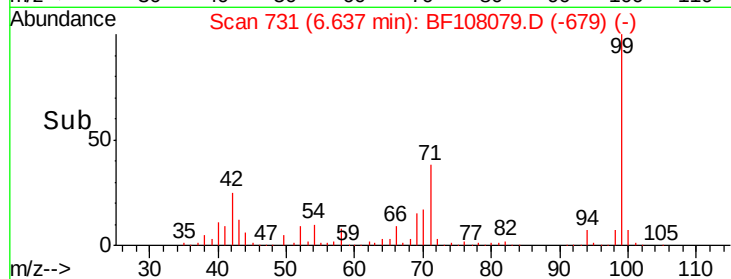
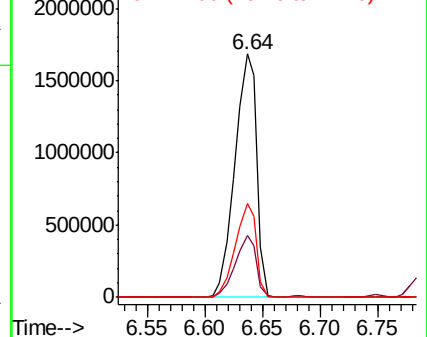
71 38.3 25.4 38.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.262 ng

RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

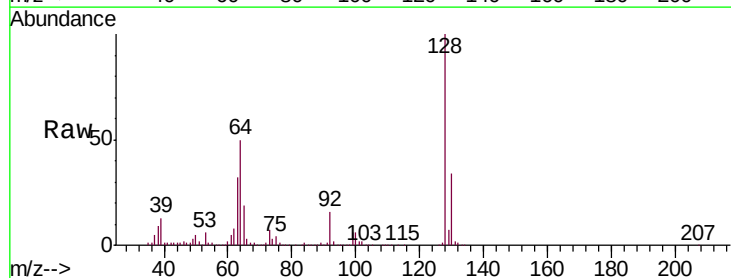
Tgt Ion: 128 Resp: 691340

Ion Ratio Lower Upper

128 100

130 33.9 13.0 53.0

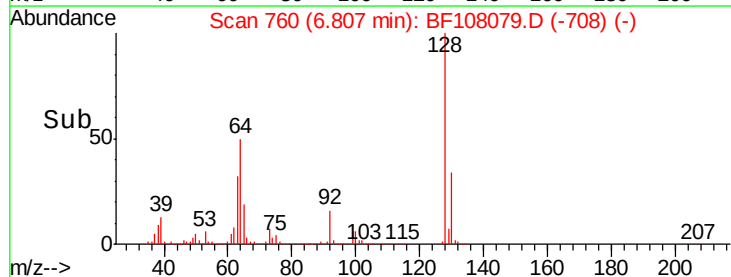
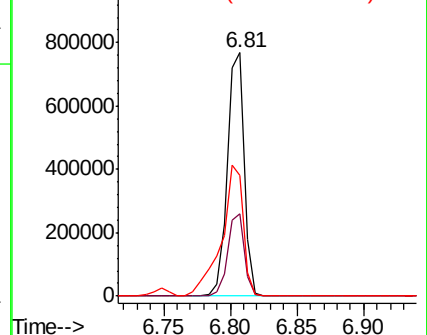
64 49.7 29.4 69.4

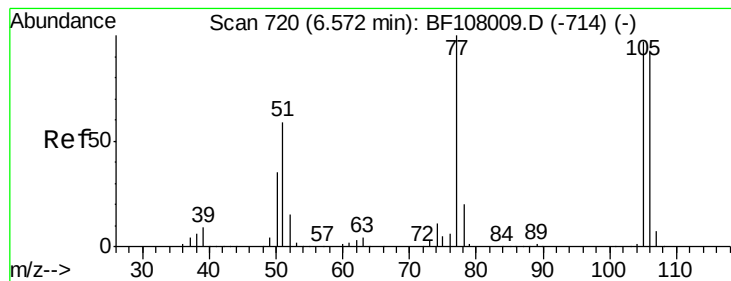


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.747 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

ClientSampleId :

PB111926BS

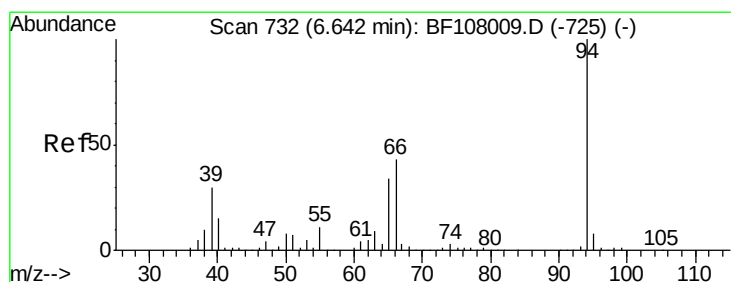
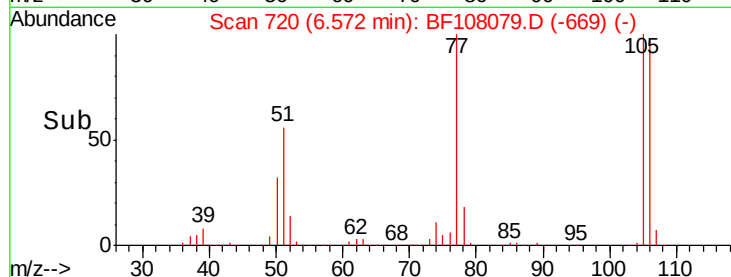
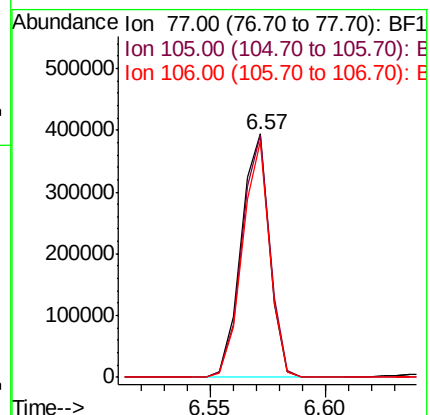
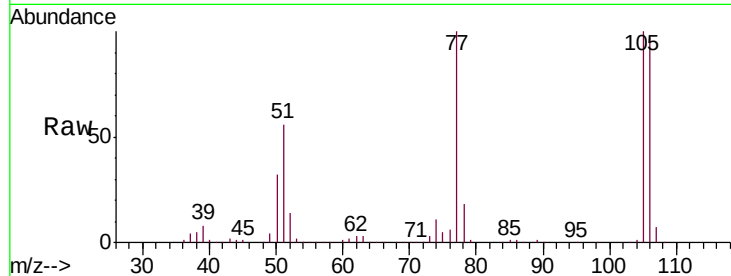
Tgt Ion: 77 Resp: 337396

Ion Ratio Lower Upper

77 100

105 99.6 81.1 121.1

106 96.7 74.5 114.5



#10

Phenol

Concen: 47.452 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

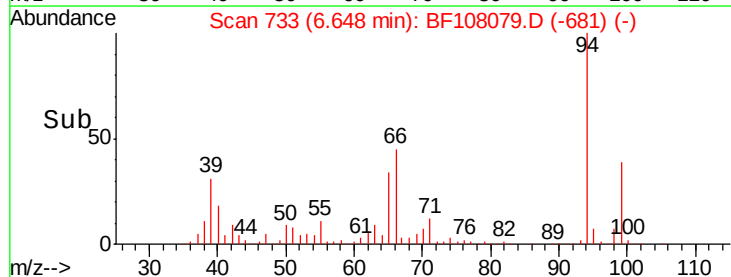
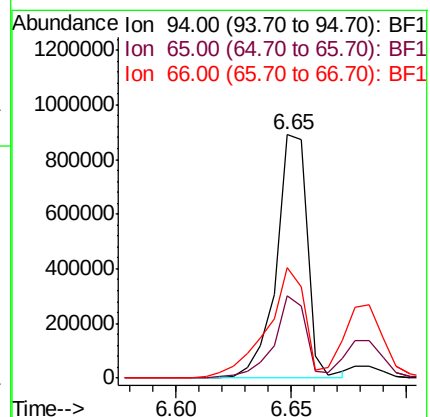
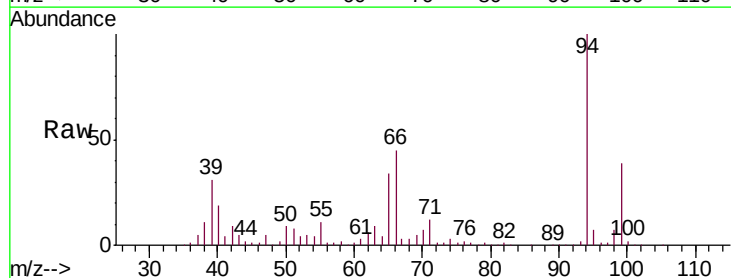
Tgt Ion: 94 Resp: 829600

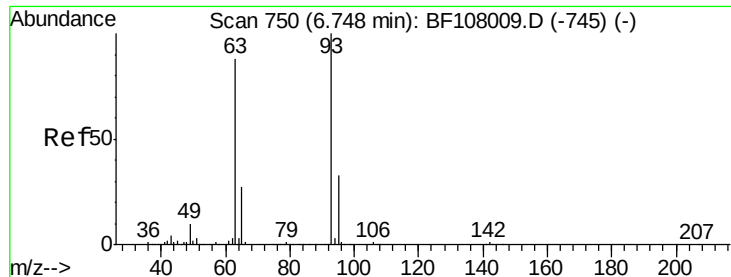
Ion Ratio Lower Upper

94 100

65 34.0 7.9 47.9

66 45.2 16.2 56.2

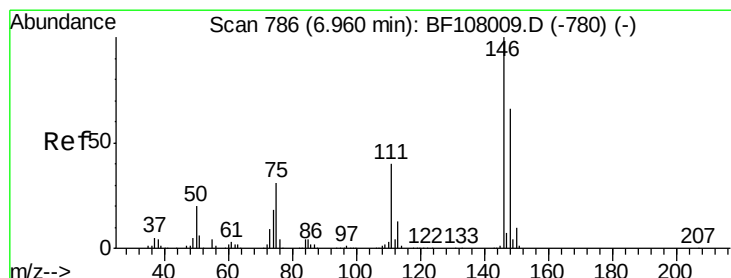
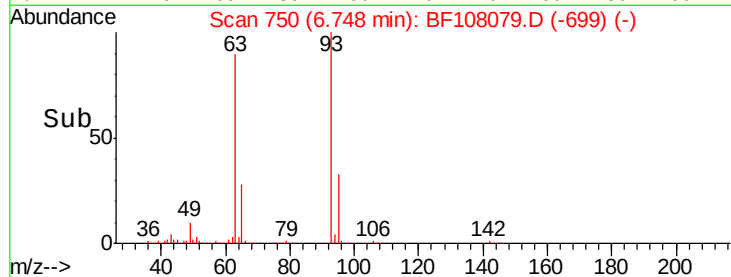
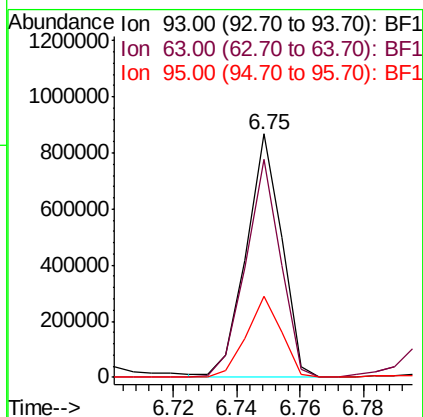
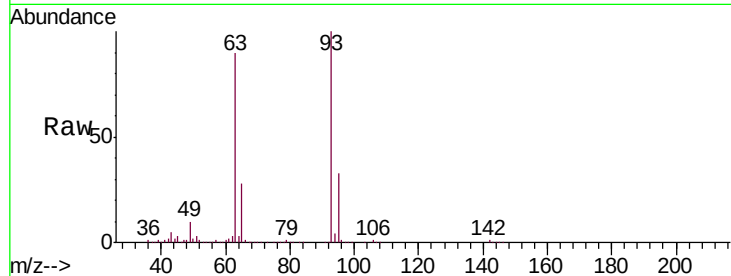




#11
 bis(2-Chloroethyl)ether
 Concen: 47.554 ng
 RT: 6.75 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

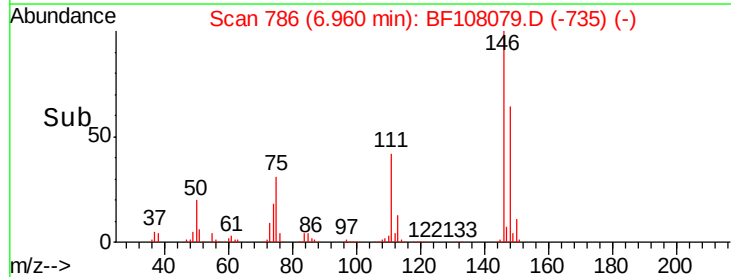
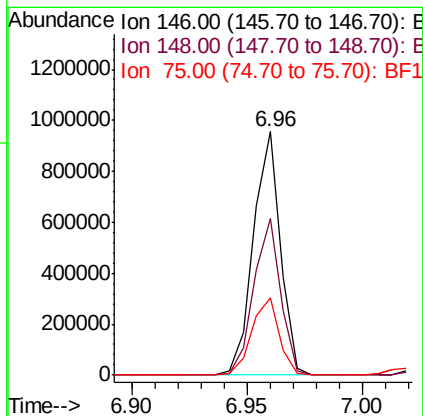
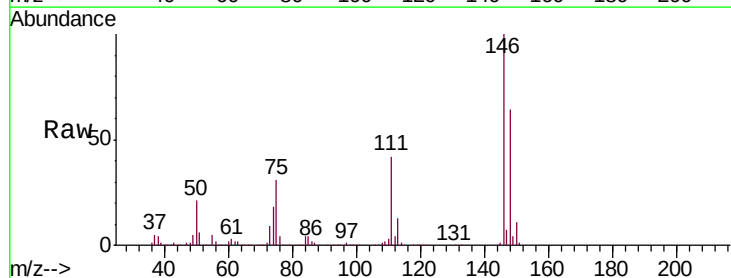
Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

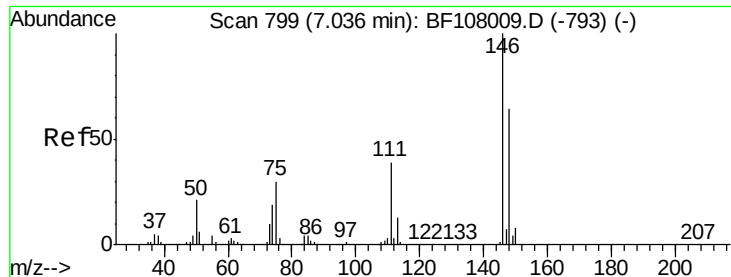
Tgt Ion	Ratio	Lower	Upper
93	100		
63	89.5	58.6	98.6
95	33.2	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 47.097 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.8
75	31.5	24.2	36.4

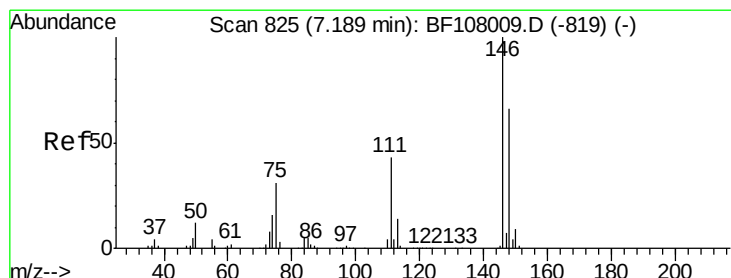
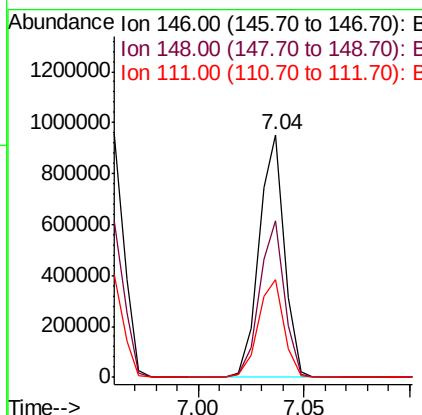
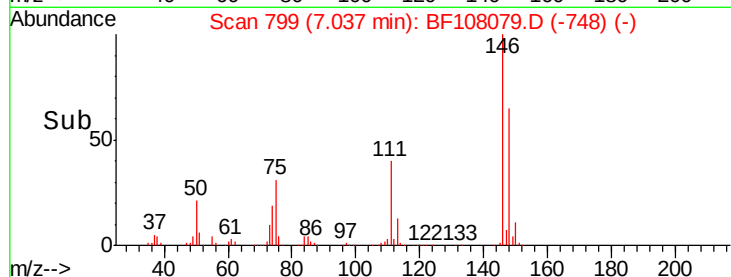
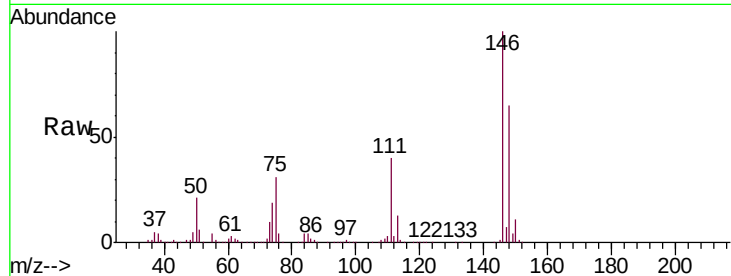




#13
 1,4-Dichlorobenzene
 Concen: 47.453 ng
 RT: 7.04 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

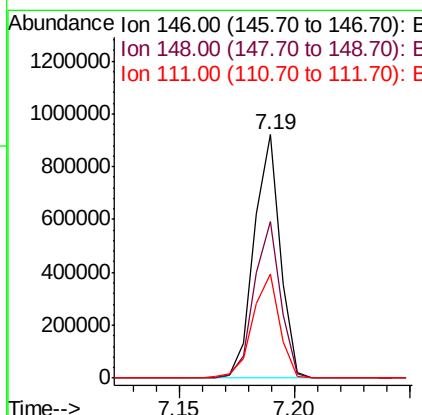
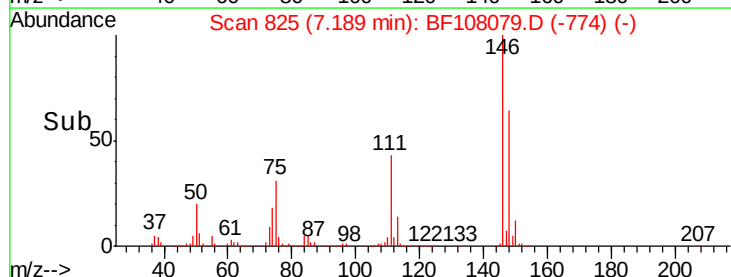
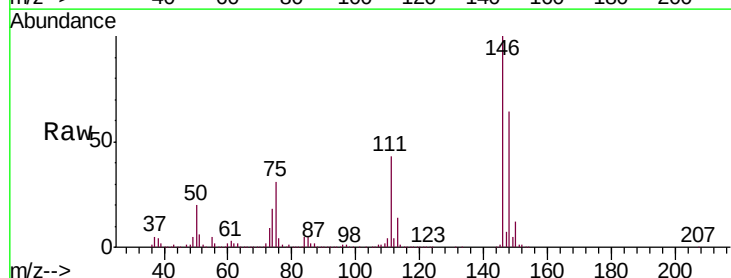
Instrument :
 BNA_F
 ClientSampleID :
 PB111926BS

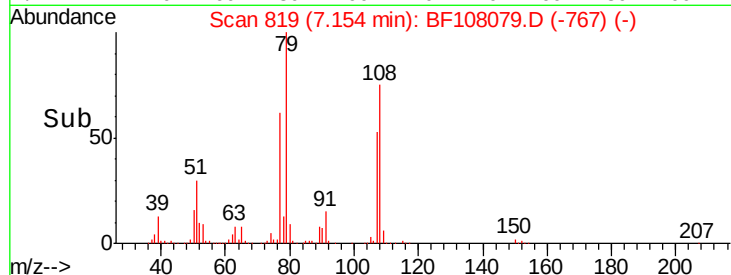
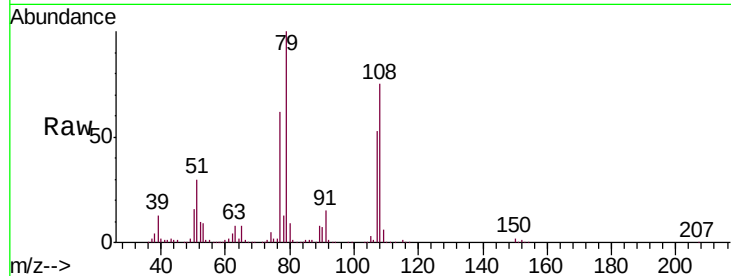
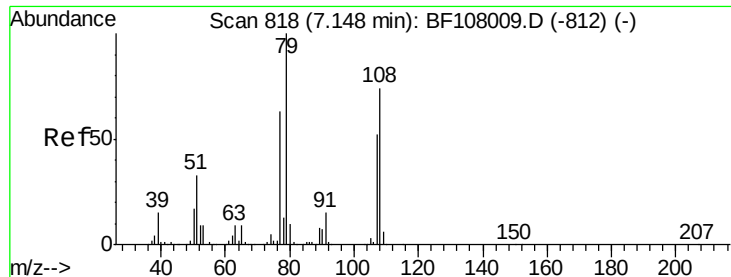
Tgt Ion:146 Resp: 789679
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.8 76.2
 111 40.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 47.109 ng
 RT: 7.19 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Tgt Ion:146 Resp: 729219
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 75.8
 111 42.8 36.0 54.0

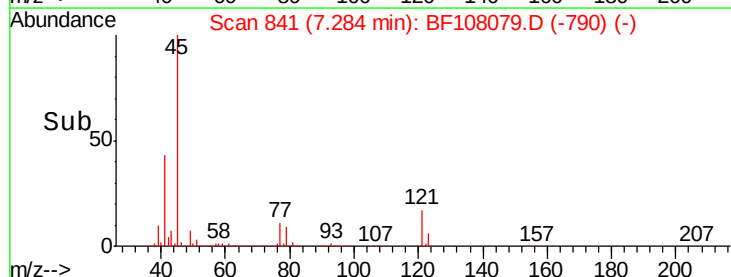
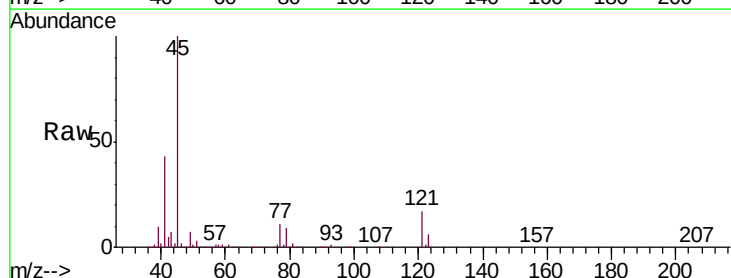
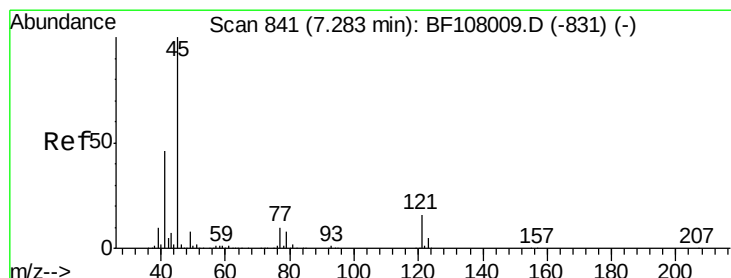
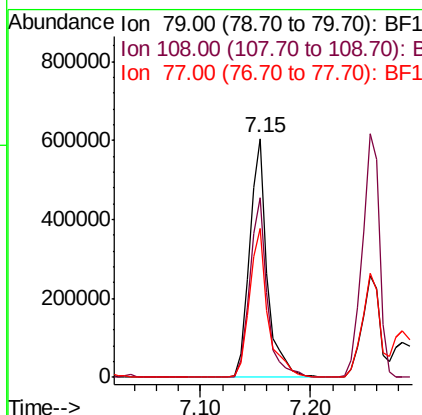




#15
Benzyl Alcohol
Concen: 47.478 ng
RT: 7.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

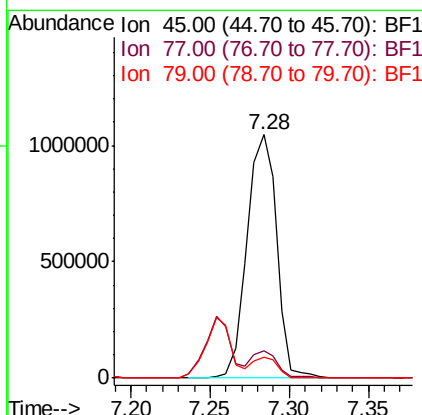
Instrument :
BNA_F
ClientSampleId :
PB111926BS

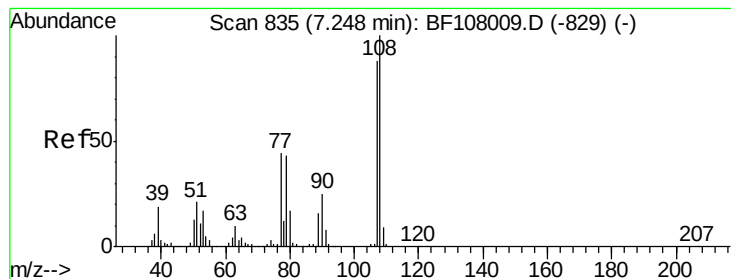
Tgt Ion: 79 Resp: 675538
Ion Ratio Lower Upper
79 100
108 75.1 65.1 97.7
77 62.5 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.101 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion: 45 Resp: 1342338
Ion Ratio Lower Upper
45 100
77 11.1 0.0 32.9
79 8.6 0.0 29.6





#17

2-Methylphenol

Concen: 47.970 ng

RT: 7.25 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

ClientSampleId :

PB111926BS

Tgt Ion:107 Resp: 589283

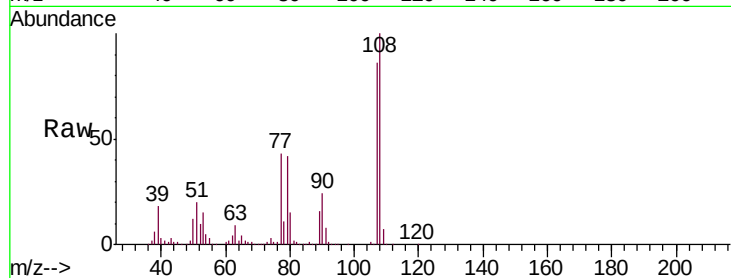
Ion Ratio Lower Upper

107 100

108 115.8 91.7 137.5

77 49.5 33.8 50.8

79 48.4 33.8 50.8

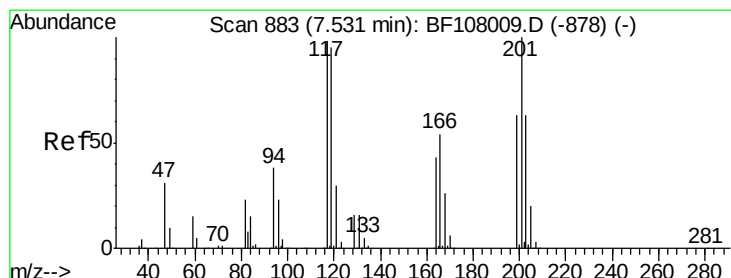
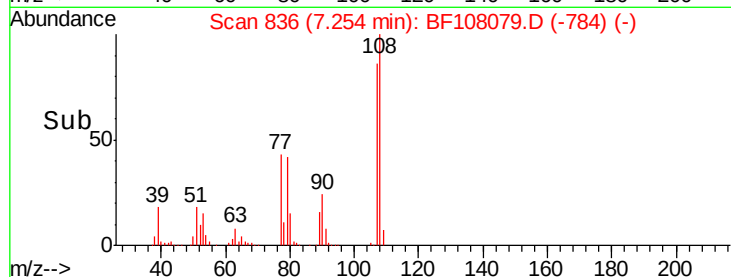
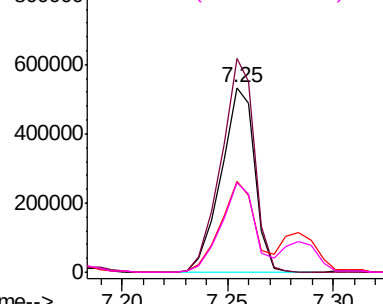


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 48.590 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

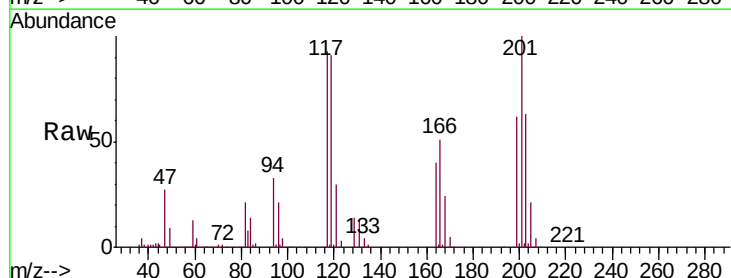
Tgt Ion:117 Resp: 287877

Ion Ratio Lower Upper

117 100

119 97.6 75.8 113.8

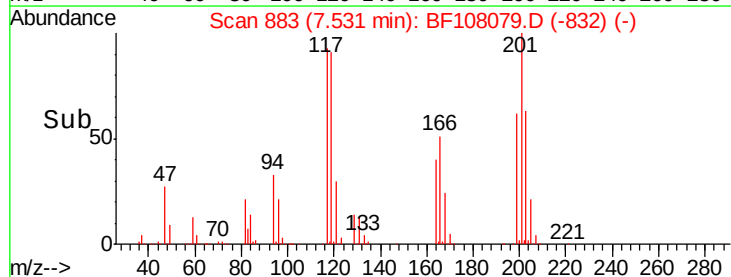
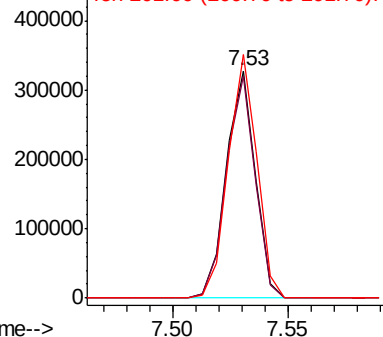
201 107.0 75.7 113.5

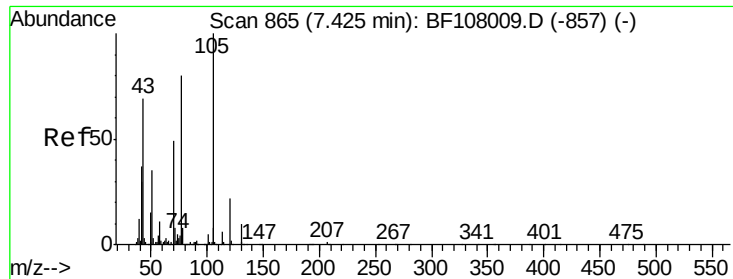


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

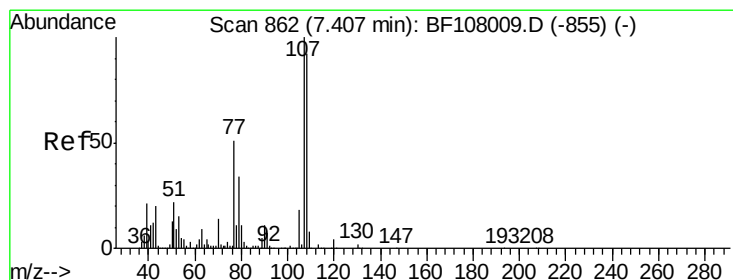
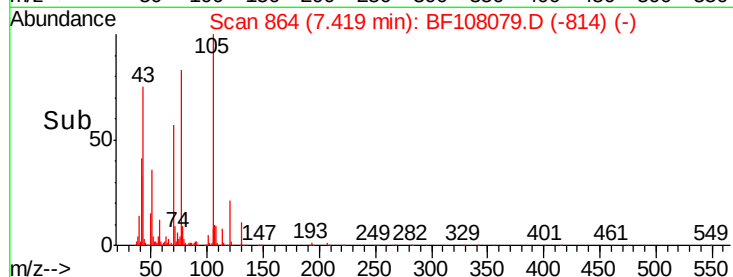
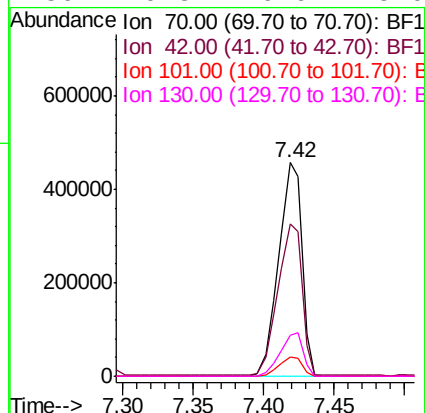
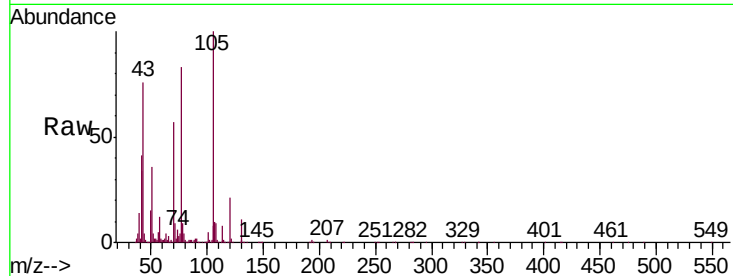




#19
n-Nitroso-di-n-propylamine
Concen: 46.339 ng
RT: 7.42 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

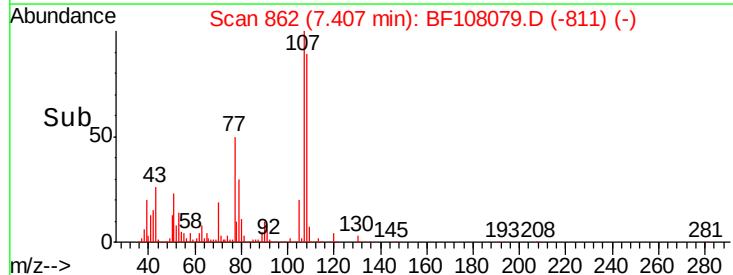
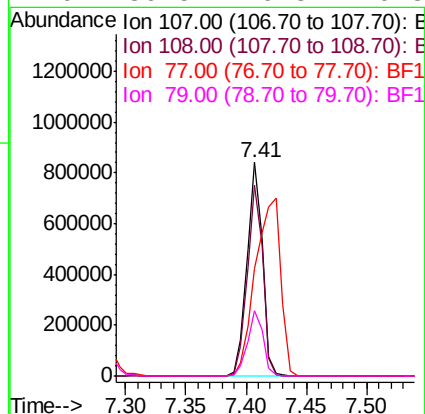
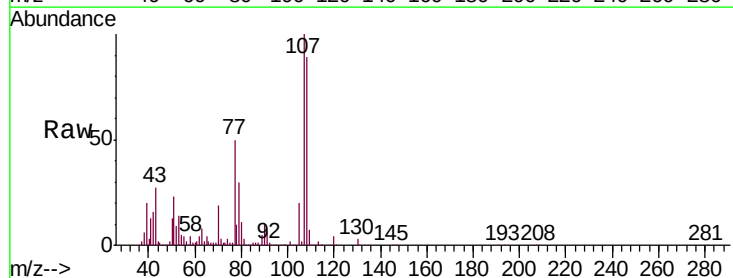
Instrument :
BNA_F
ClientSampleId :
PB111926BS

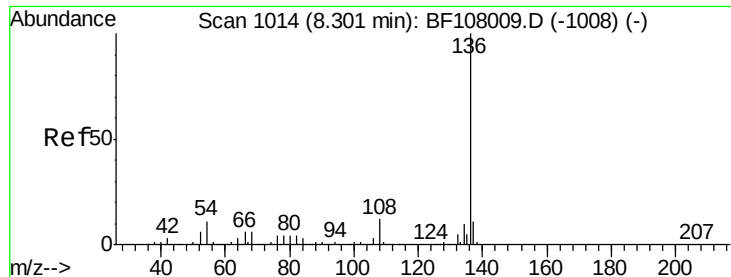
Tgt Ion: 70 Resp: 529625
Ion Ratio Lower Upper
70 100
42 71.4 47.5 71.3#
101 9.0 7.4 11.2
130 19.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 48.124 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion: 107 Resp: 757573
Ion Ratio Lower Upper
107 100
108 89.1 68.2 108.2
77 50.4 26.7 66.7
79 30.5 6.3 46.3

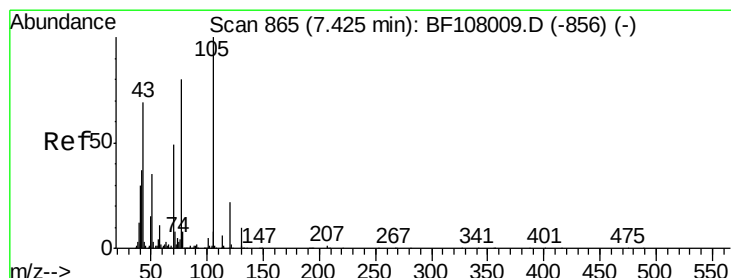
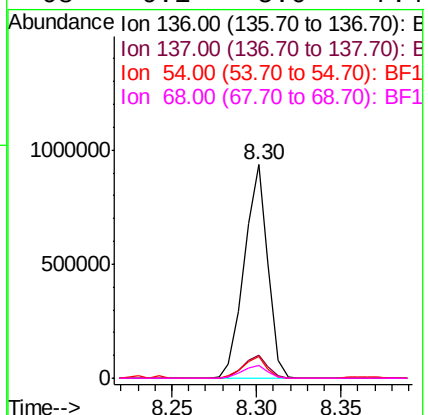
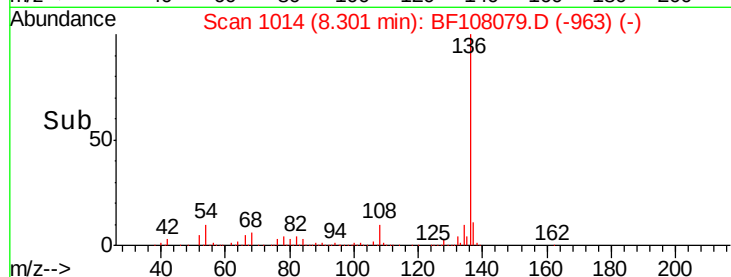
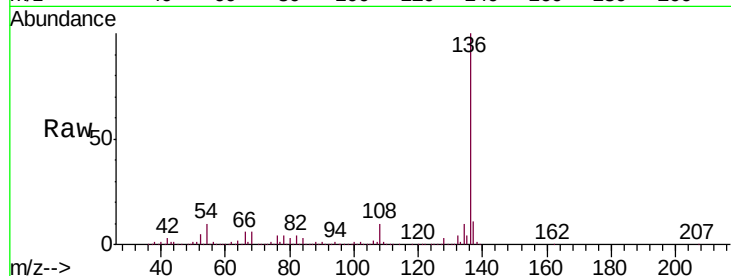




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

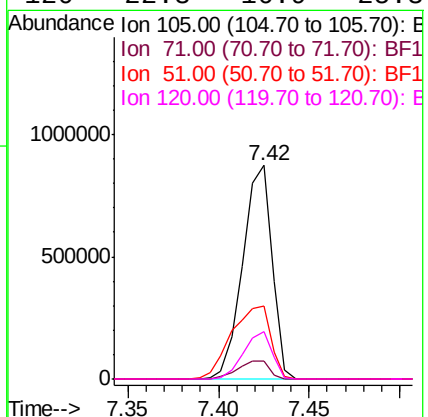
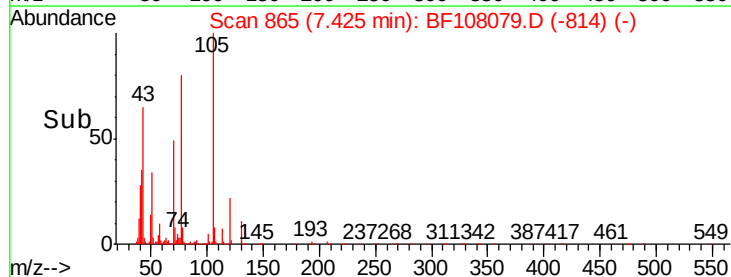
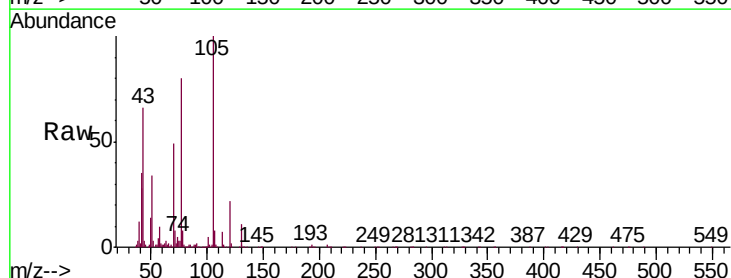
Instrument :
BNA_F
ClientSampleId :
PB111926BS

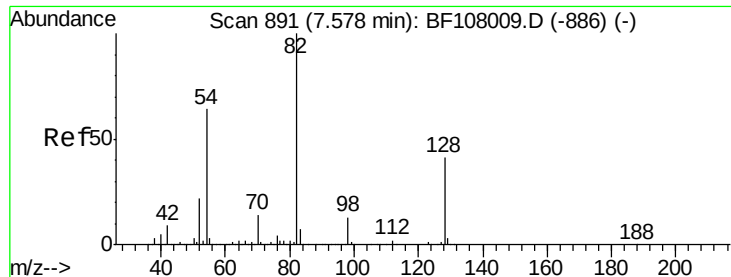
Tgt Ion:	136	Resp:	904879
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	10.2	6.6	9.8#
68	6.1	5.0	7.4



#22
Acetophenone
Concen: 46.297 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion:	105	Resp:	979562
Ion	Ratio	Lower	Upper
105	100		
71	8.4	4.4	6.6#
51	34.1	22.3	33.5#
120	22.3	16.9	25.3

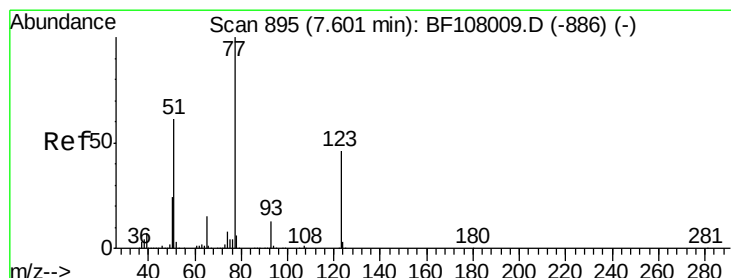
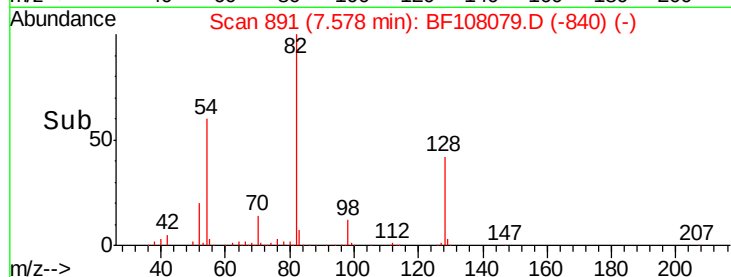
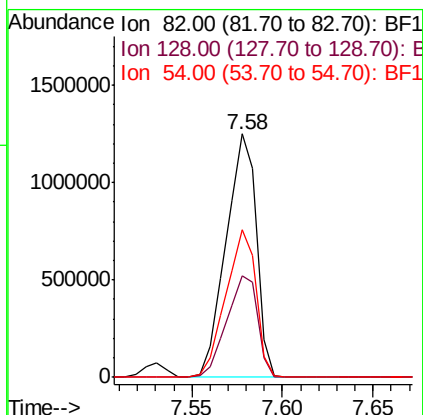
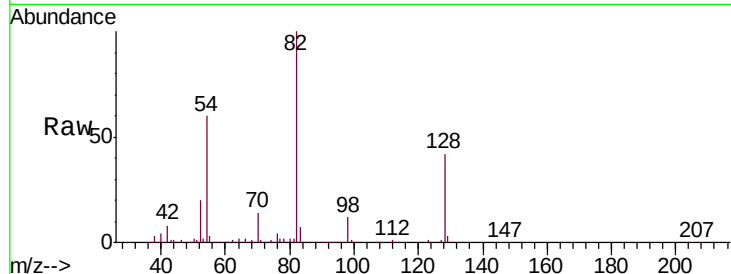




#23
 Nitrobenzene-d5
 Concen: 89.649 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

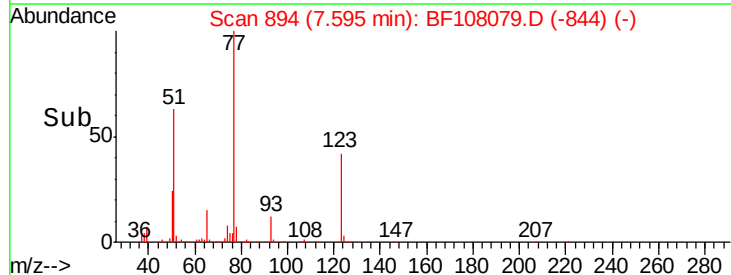
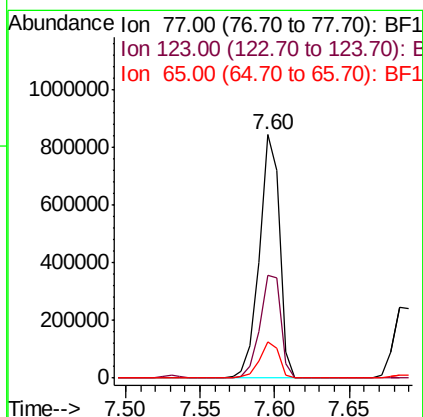
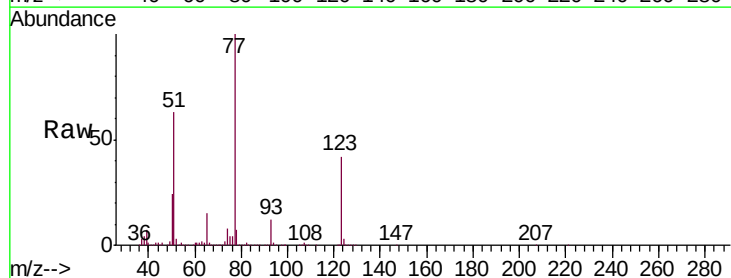
Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

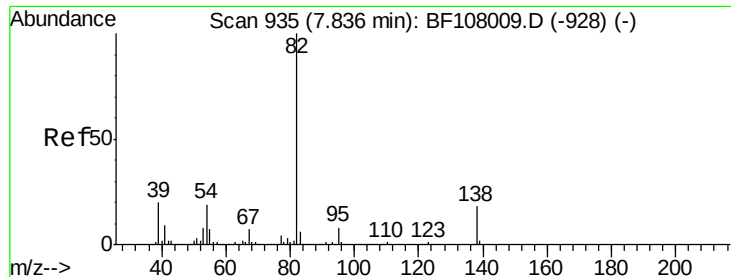
Tgt Ion: 82 Resp: 1453753
 Ion Ratio Lower Upper
 82 100
 128 41.8 36.1 54.1
 54 60.5 41.4 62.2



#24
 Nitrobenzene
 Concen: 47.525 ng
 RT: 7.60 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Tgt Ion: 77 Resp: 779309
 Ion Ratio Lower Upper
 77 100
 123 42.3 37.9 56.9
 65 14.9 11.0 16.4





#25

Isophorone

Concen: 45.903 ng

RT: 7.84 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

ClientSampleId :

PB111926BS

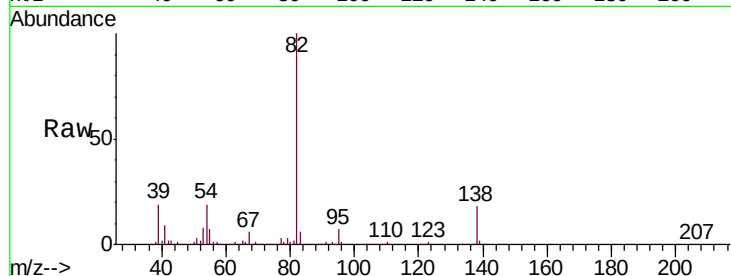
Tgt Ion: 82 Resp: 1418798

Ion Ratio Lower Upper

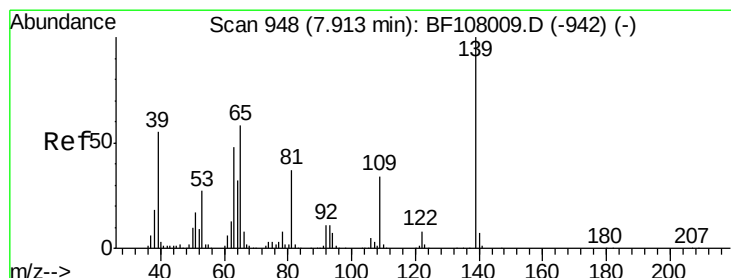
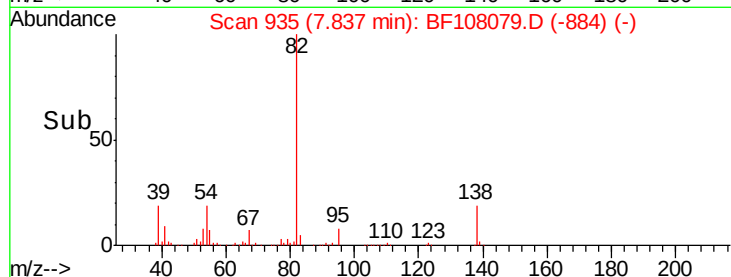
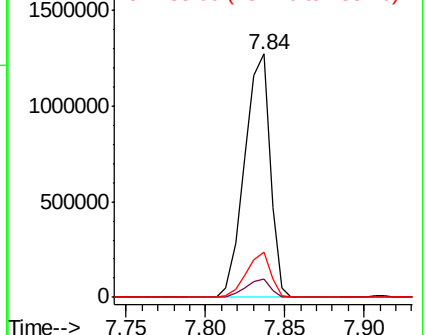
82 100

95 7.4 5.2 7.8

138 18.4 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: 55.039 ng

RT: 7.91 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

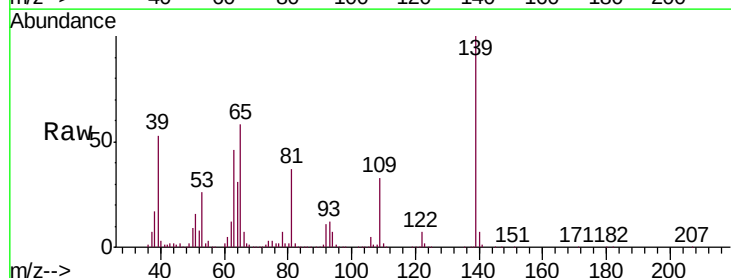
Tgt Ion: 139 Resp: 340833

Ion Ratio Lower Upper

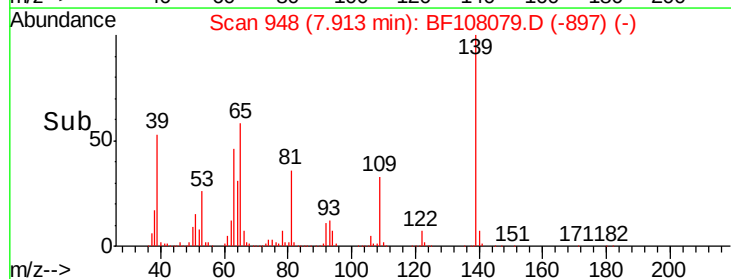
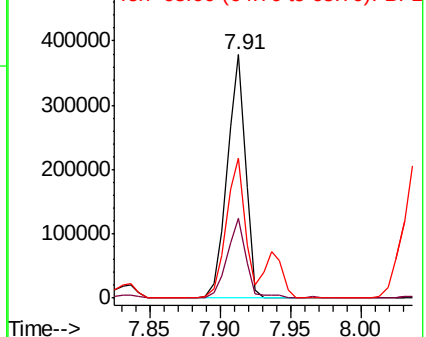
139 100

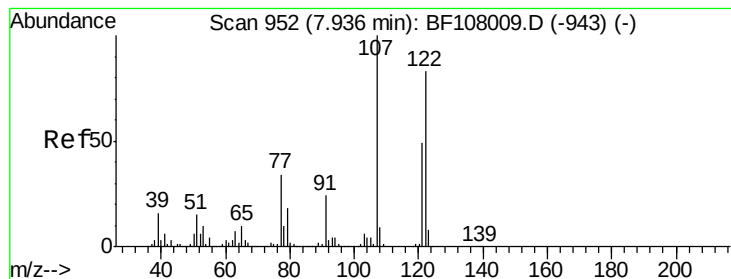
109 33.0 22.7 34.1

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: 47.491 ng

RT: 7.94 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

ClientSampleId :

PB111926BS

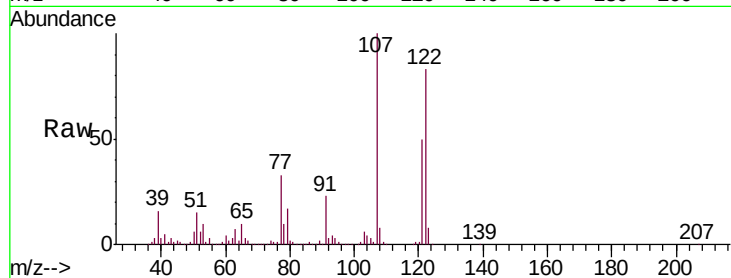
Tgt Ion:122 Resp: 651481

Ion Ratio Lower Upper

122 100

107 120.4 91.2 136.8

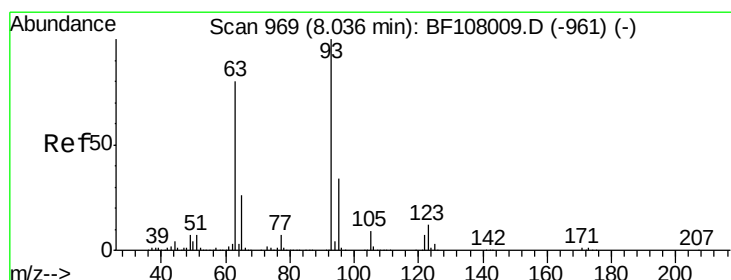
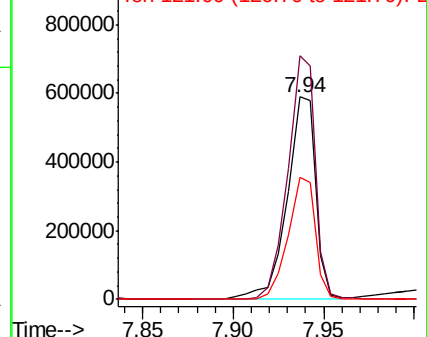
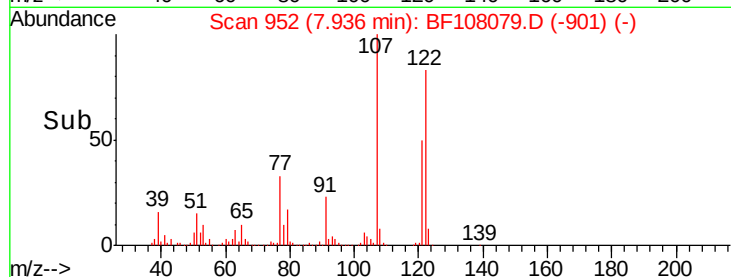
121 60.5 47.2 70.8



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: 47.530 ng

RT: 8.04 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

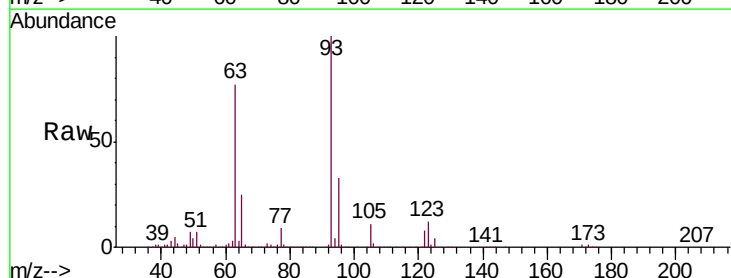
Tgt Ion: 93 Resp: 857613

Ion Ratio Lower Upper

93 100

95 33.4 26.3 39.5

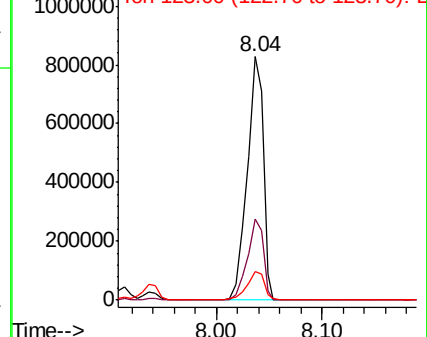
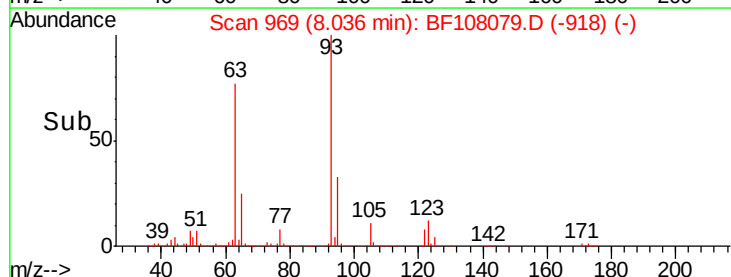
123 11.6 9.8 14.6

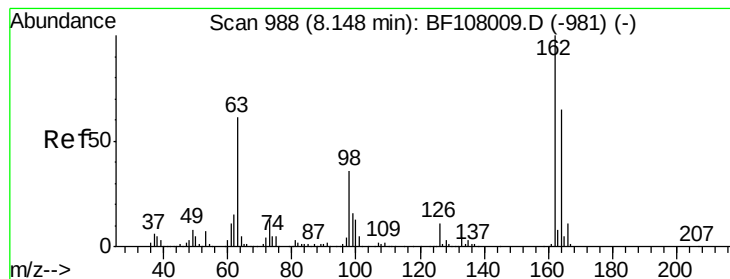


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 49.193 ng

RT: 8.15 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

ClientSampleId :

PB111926BS

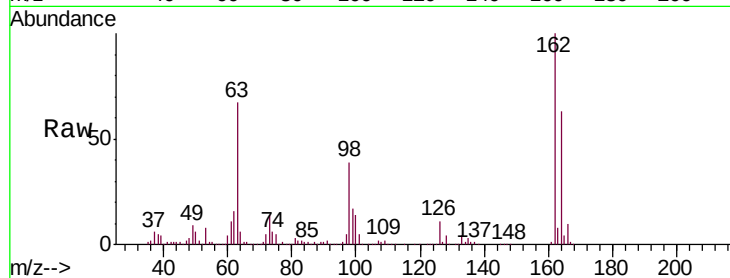
Tgt Ion:162 Resp: 621030

Ion Ratio Lower Upper

162 100

164 63.2 42.7 82.7

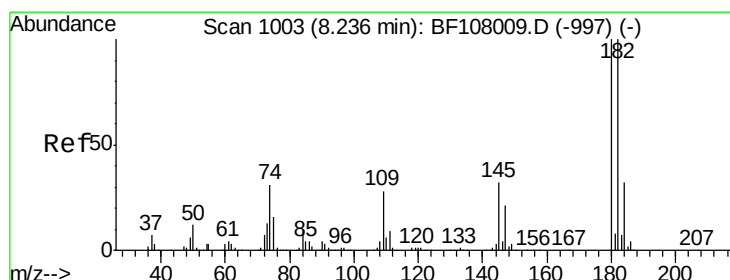
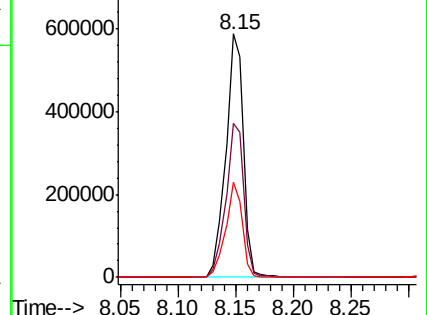
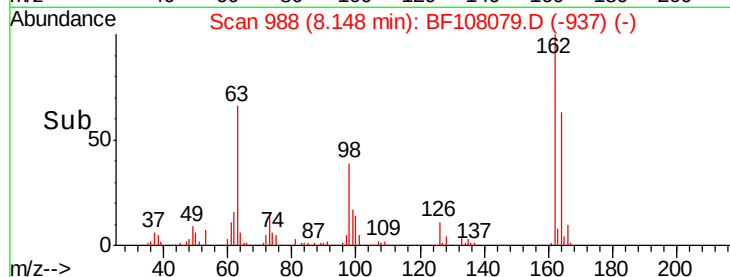
98 39.3 18.1 58.1



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: 47.369 ng

RT: 8.24 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

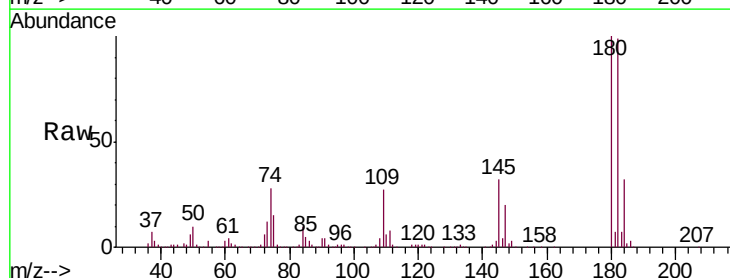
Tgt Ion:180 Resp: 659309

Ion Ratio Lower Upper

180 100

182 98.5 76.8 115.2

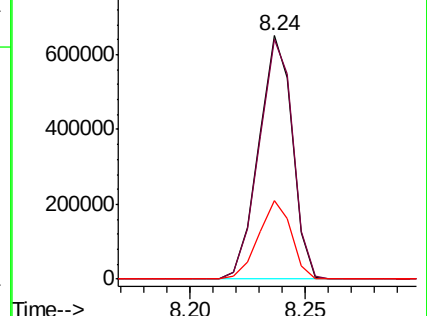
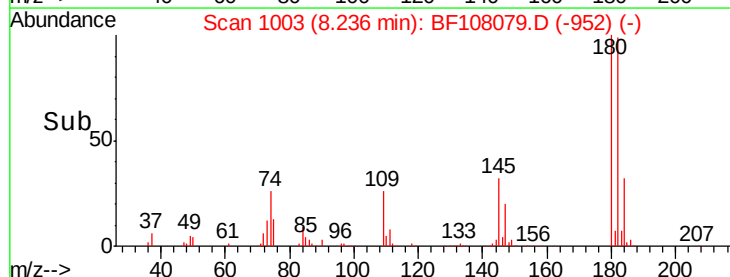
145 32.2 26.5 39.7

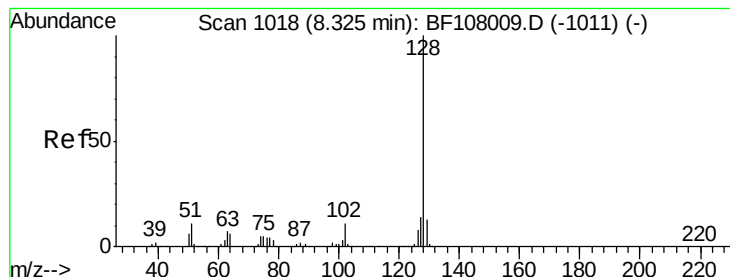


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 47.078 ng

RT: 8.32 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

ClientSampleId :

PB111926BS

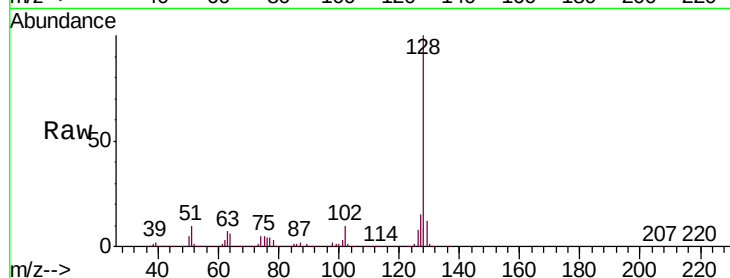
Tgt Ion:128 Resp: 1937350

Ion Ratio Lower Upper

128 100

129 12.1 8.8 13.2

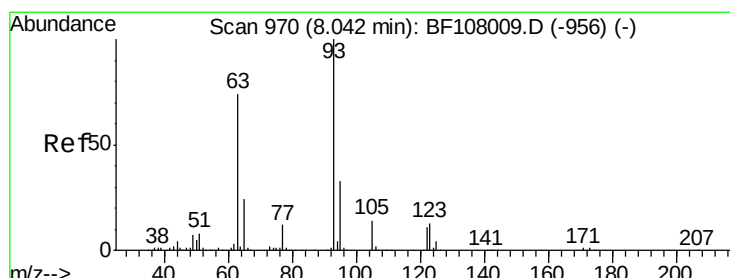
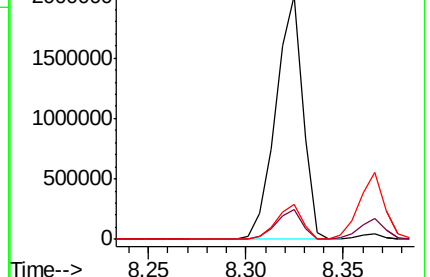
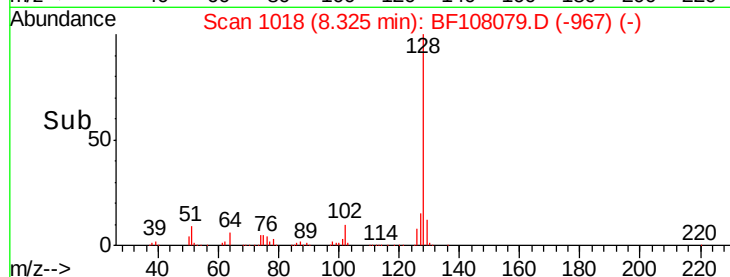
127 14.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.285 ng

RT: 8.05 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

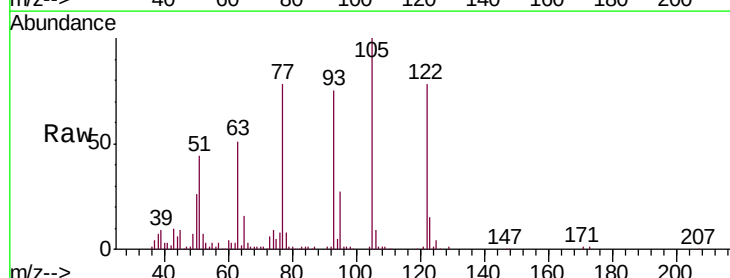
Tgt Ion:122 Resp: 239216

Ion Ratio Lower Upper

122 100

105 128.3 101.1 141.1

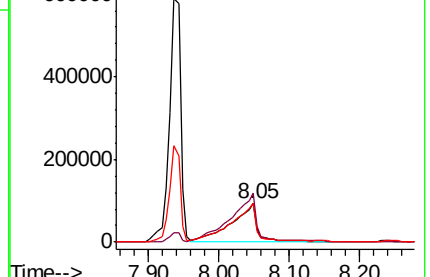
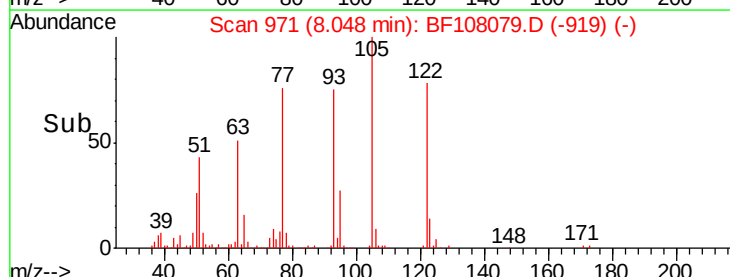
77 100.1 70.7 110.7

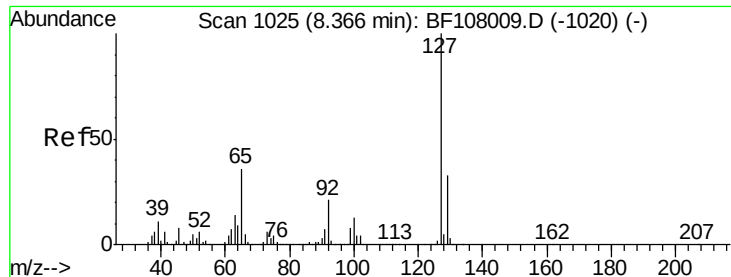


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

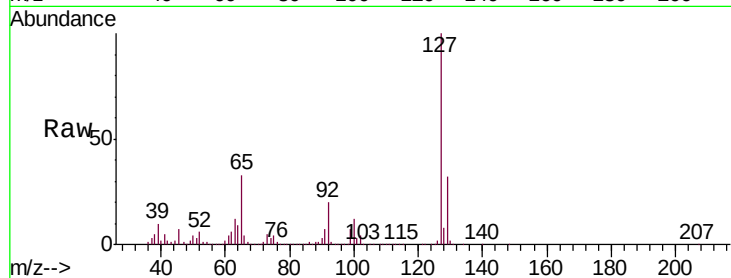




#33
 4-Chloroaniline
 Concen: 28.811 ng
 RT: 8.37 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Tgt Ion:	127	Resp:	516699
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	33.1	25.0	37.4
92	19.8	15.2	22.8



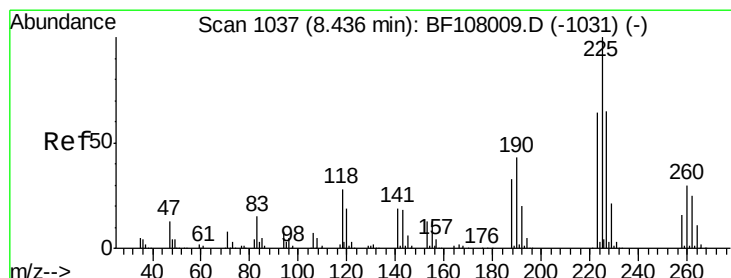
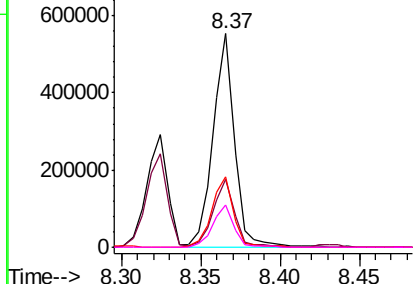
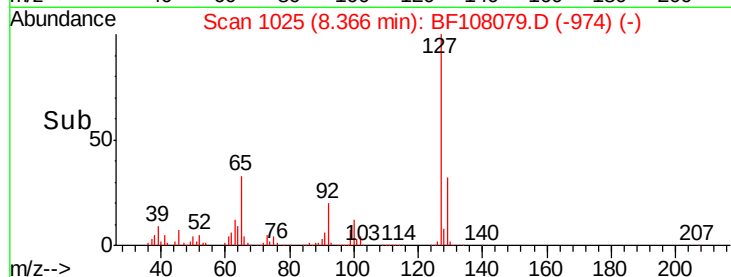
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

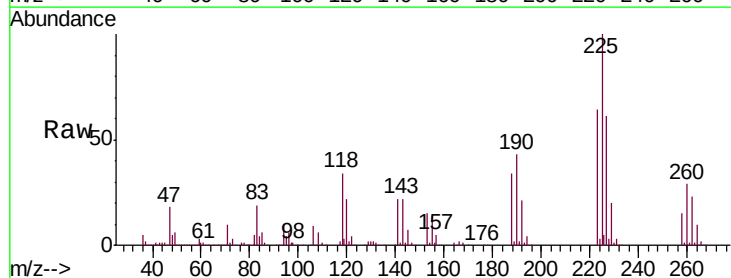
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
 Hexachlorobutadiene
 Concen: 48.169 ng
 RT: 8.43 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Tgt Ion:	225	Resp:	424434
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.6	76.0
227	60.7	51.9	77.9

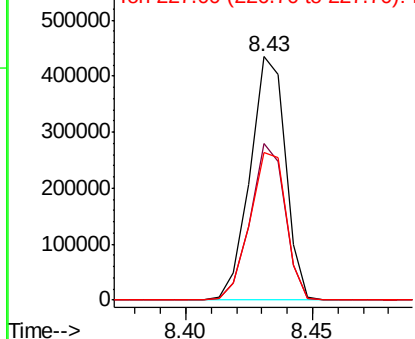
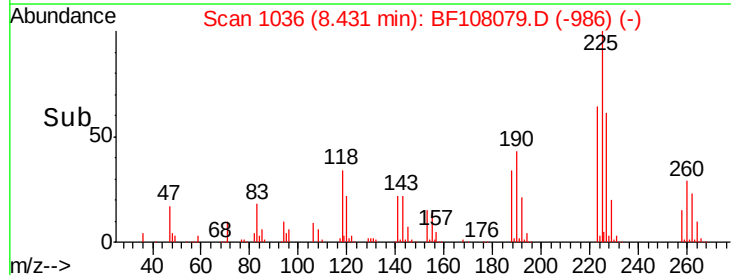


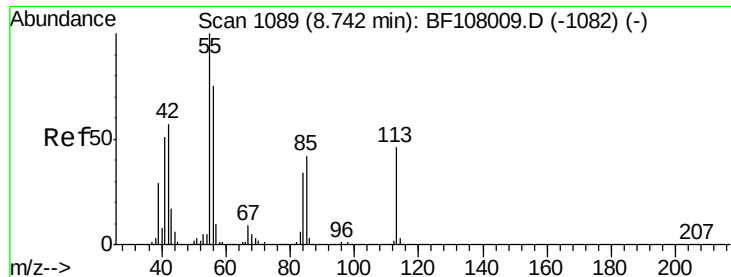
Abundance

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

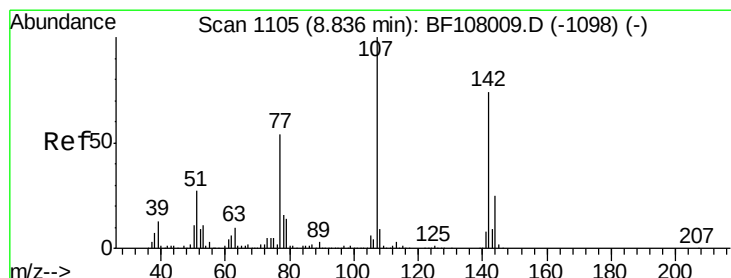
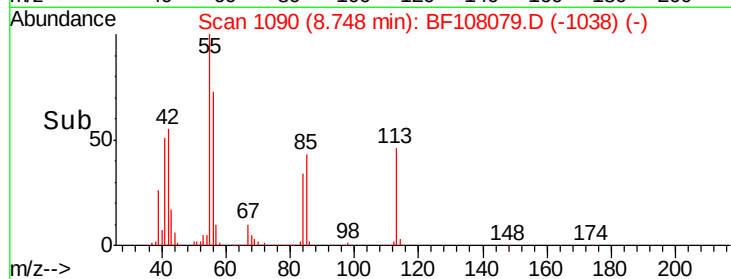
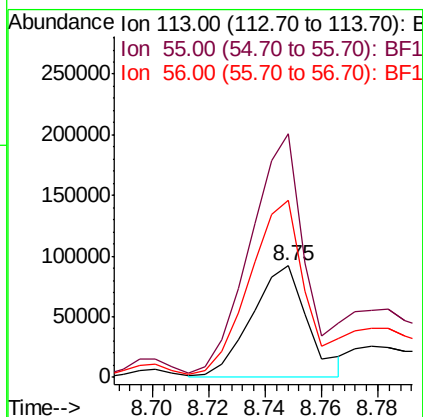
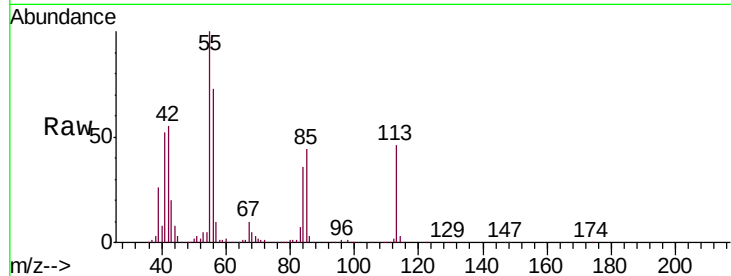




#35
 Caprolactam
 Concen: 31.964 ng
 RT: 8.75 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

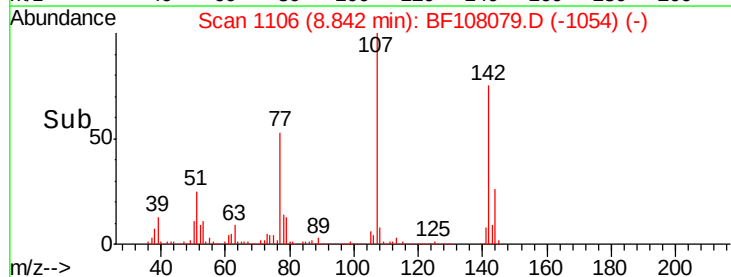
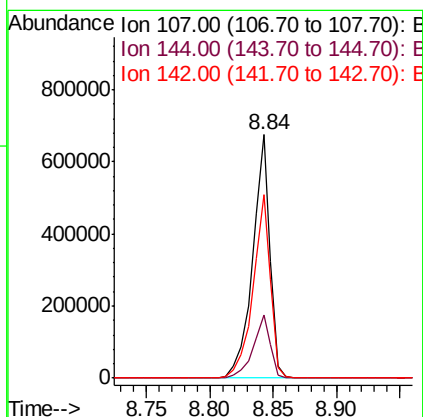
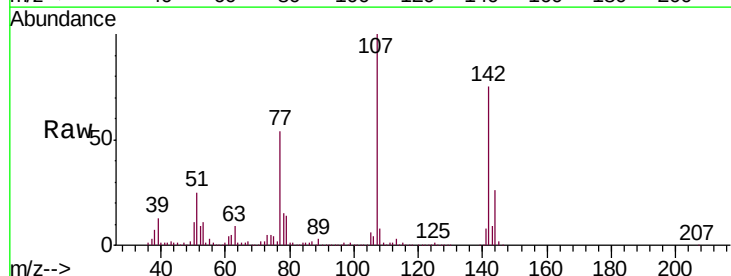
Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

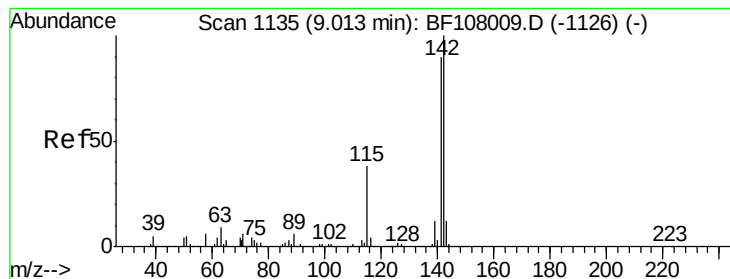
Tgt Ion:113 Resp: 126454
 Ion Ratio Lower Upper
 113 100
 55 218.9 163.3 203.3#
 56 159.5 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 47.341 ng
 RT: 8.84 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Tgt Ion:107 Resp: 644727
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.5 30.7
 142 75.1 62.0 93.0





#37

2-Methylnaphthalene

Concen: 47.411 ng

RT: 9.01 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

ClientSampleId :

PB111926BS

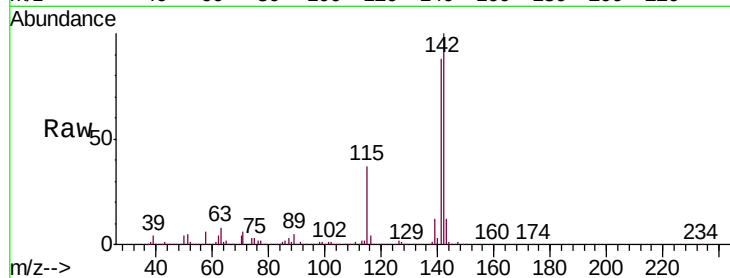
Tgt Ion:142 Resp: 1380395

Ion Ratio Lower Upper

142 100

141 88.5 70.8 106.2

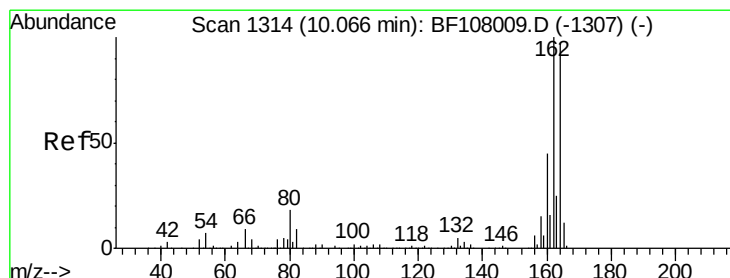
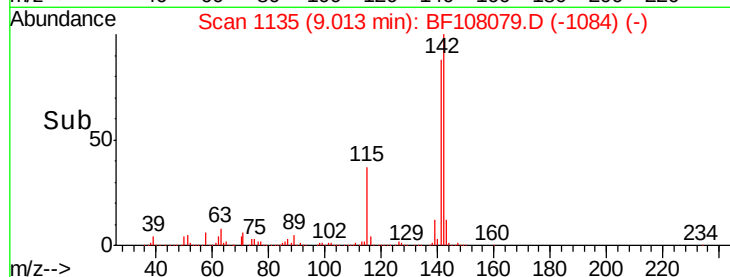
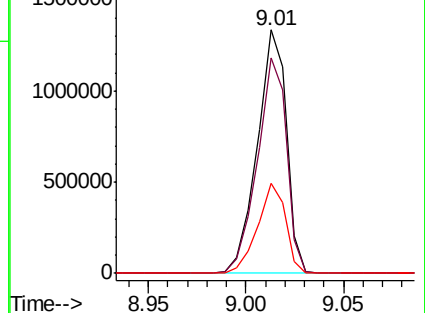
115 37.1 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.07 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

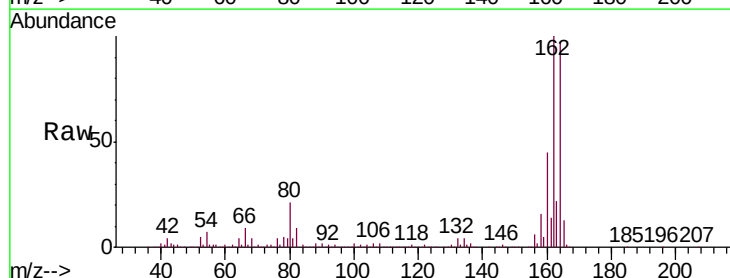
Tgt Ion:164 Resp: 461499

Ion Ratio Lower Upper

164 100

162 103.0 86.1 129.1

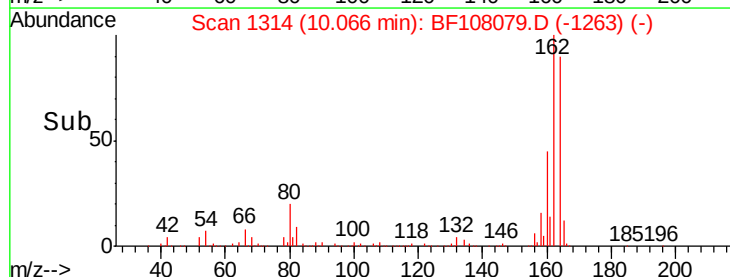
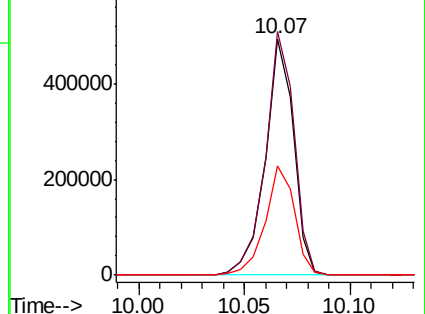
160 46.0 38.3 57.5

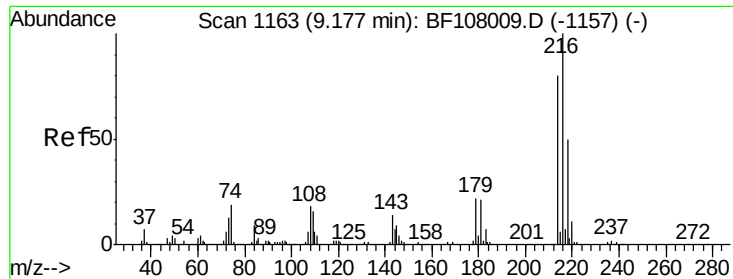


Abundance Ion 164.00 (163.70 to 164.70): E

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: 47.352 ng

RT: 9.18 min Scan# 1164

Delta R.T. 0.01 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

ClientSampleId :

PB111926BS

Tgt Ion:216 Resp: 671082

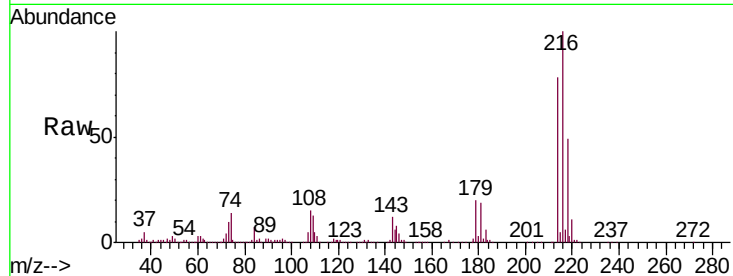
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 21.0 18.1 27.1

108 21.4 17.2 25.8

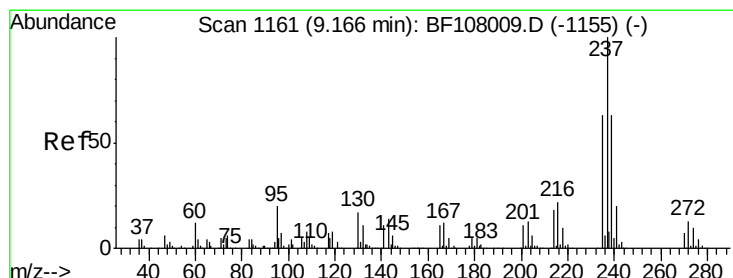
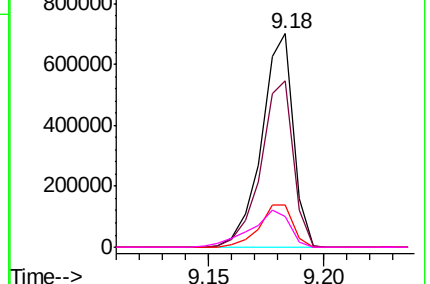
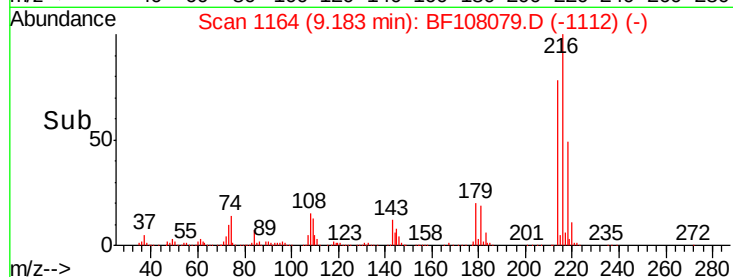


Abundance Ion 216.00 (215.70 to 216.70): E

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: 96.407 ng

RT: 9.17 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

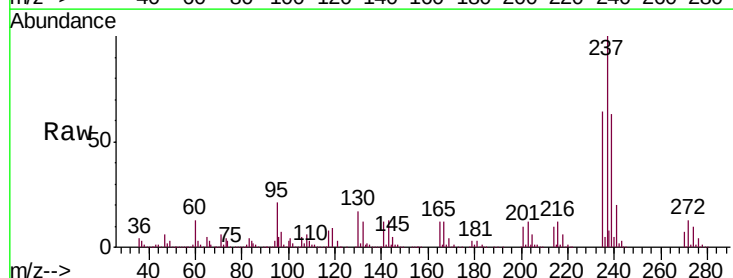
Tgt Ion:237 Resp: 882505

Ion Ratio Lower Upper

237 100

235 63.7 44.8 84.8

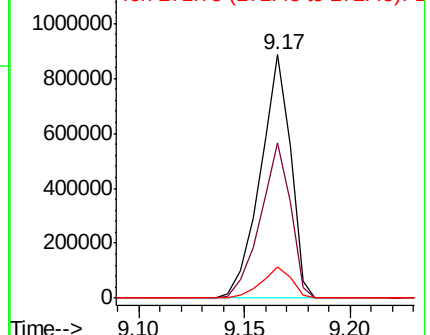
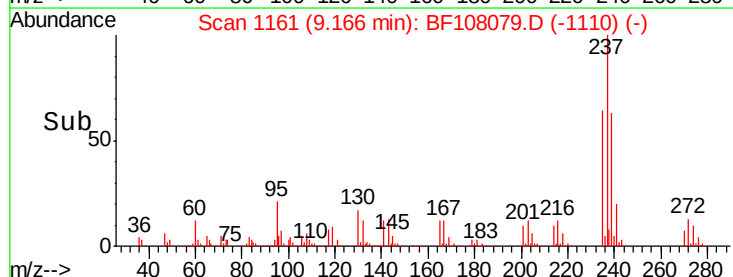
272 12.6 0.0 33.3

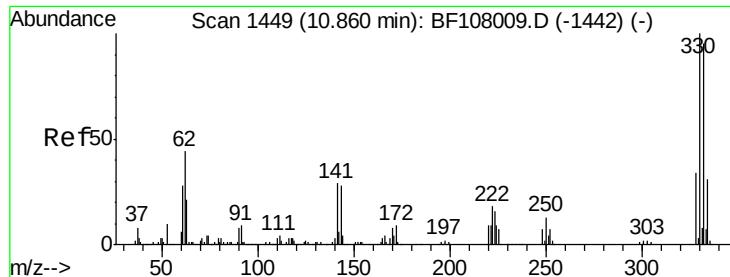


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

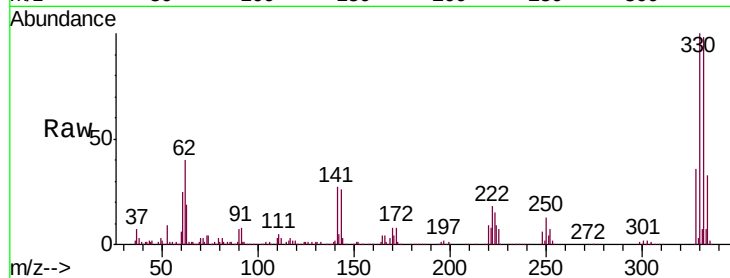




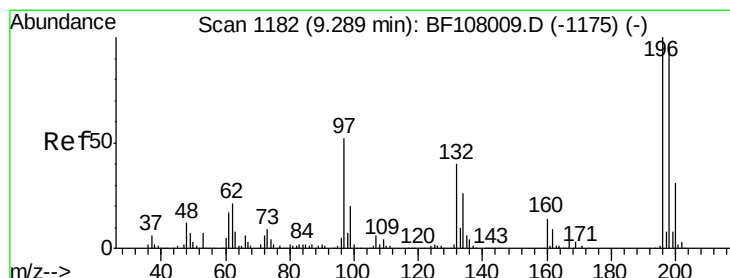
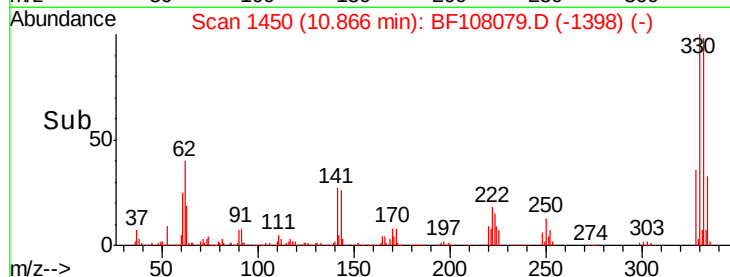
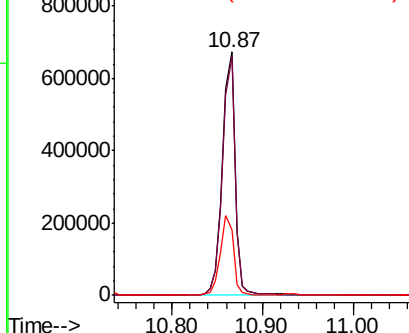
#41
 2,4,6-Tribromophenol
 Concen: 142.014 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Tgt Ion:330 Resp: 653737
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 33.6 29.9 44.9

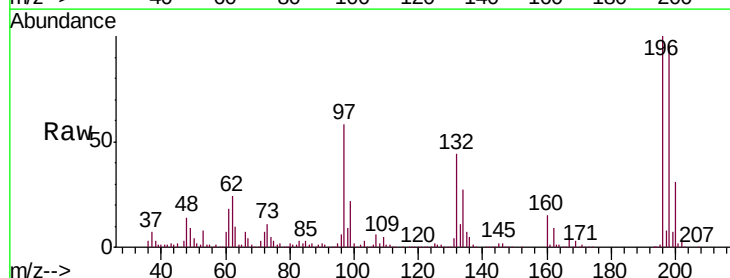


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

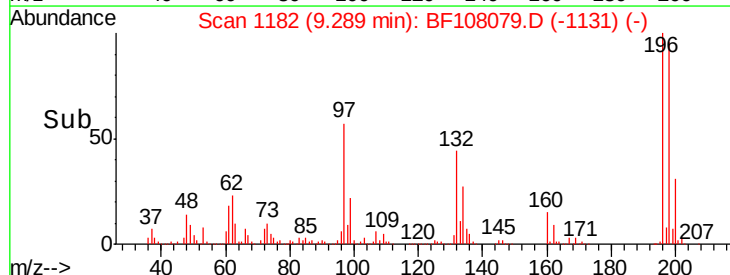
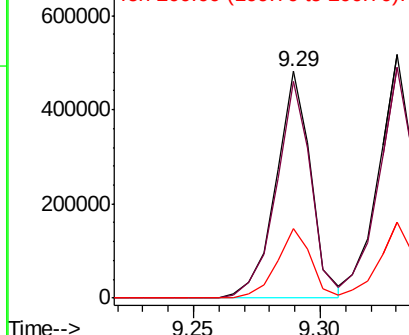


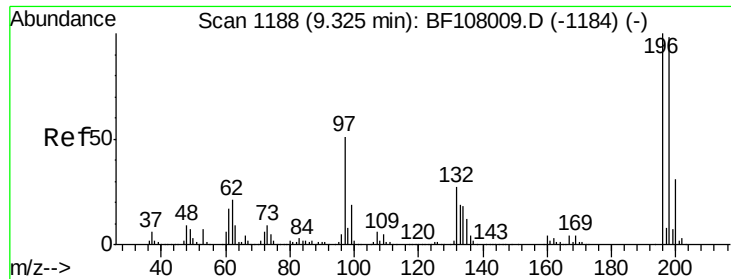
#42
 2,4,6-Trichlorophenol
 Concen: 52.508 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Tgt Ion:196 Resp: 461780
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.7 113.5
 200 30.6 24.5 36.7



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

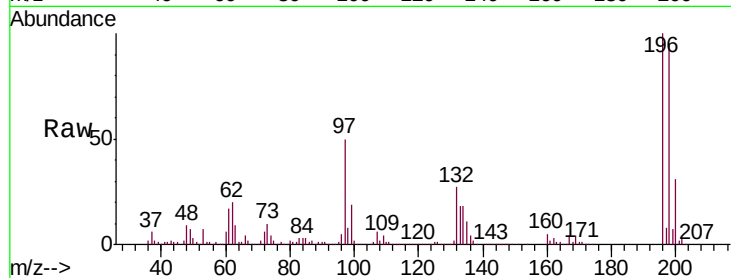




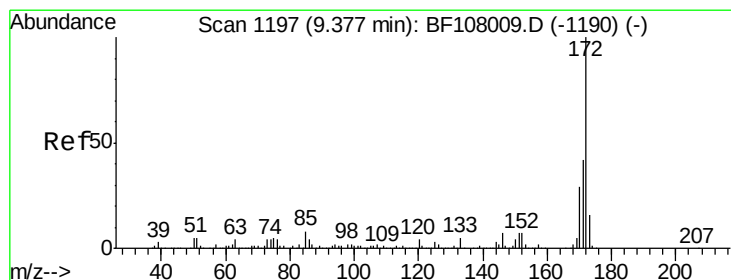
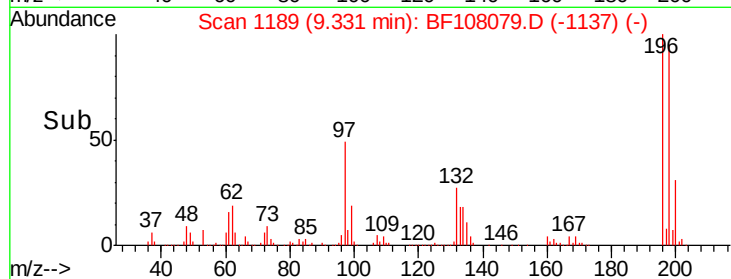
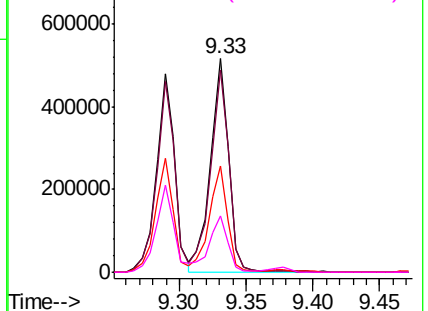
#43
 2,4,5-Trichlorophenol
 Concen: 51.079 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Instrument :
 BNA_F
 ClientSampled :
 PB111926BS

Tgt Ion:	196	Resp:	494504
Ion	Ratio	Lower	Upper
196	100		
198	94.9	74.6	112.0
97	49.6	42.9	64.3
132	26.6	26.3	39.5

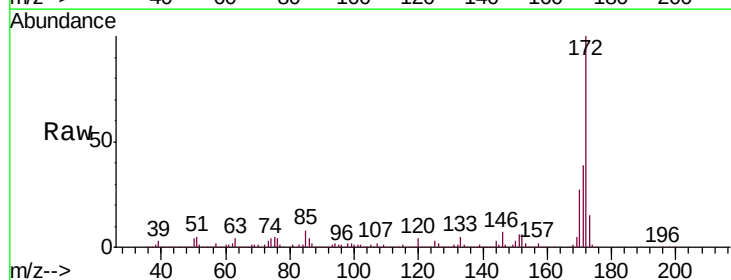


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

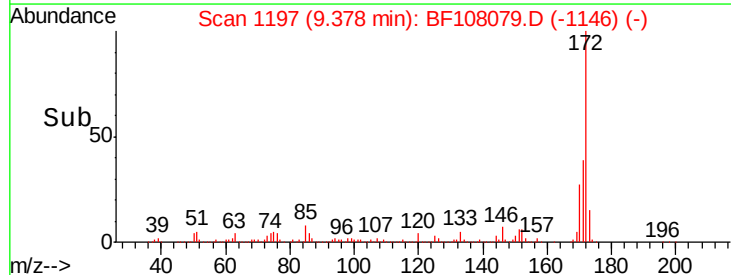
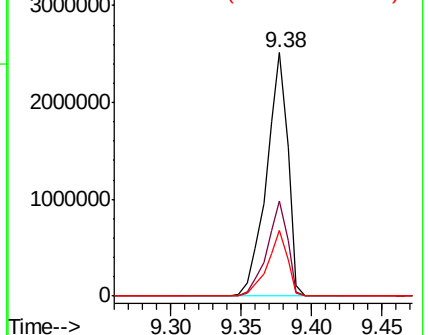


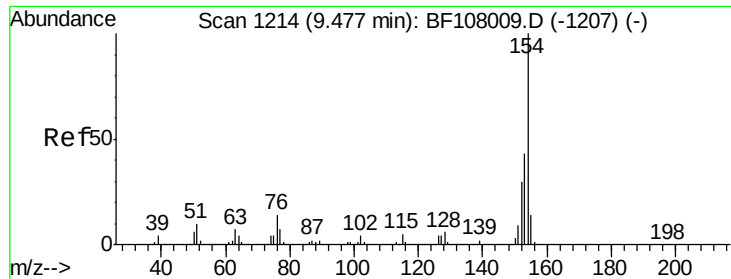
#44
 2-Fluorobiphenyl
 Concen: 92.876 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Tgt Ion:	172	Resp:	2669766
Ion	Ratio	Lower	Upper
172	100		
171	39.3	29.7	44.5
170	27.1	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

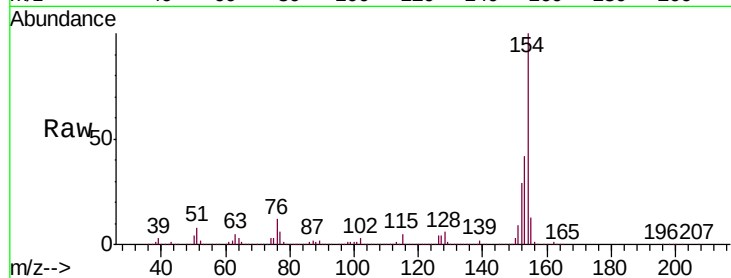




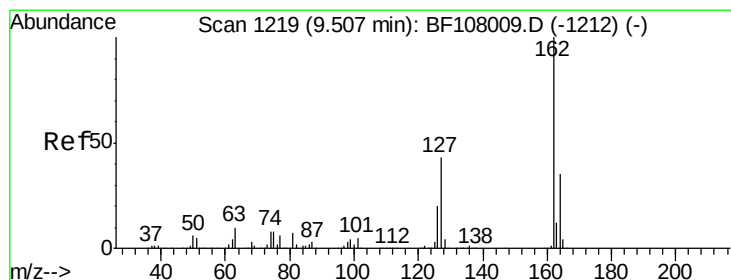
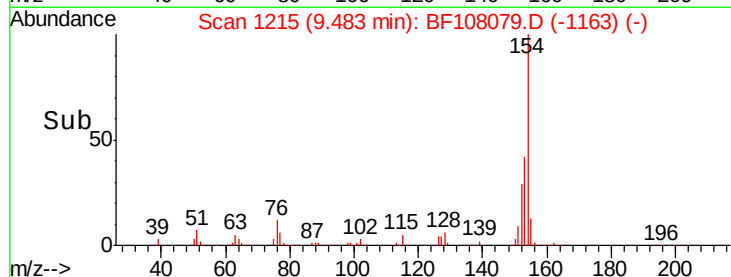
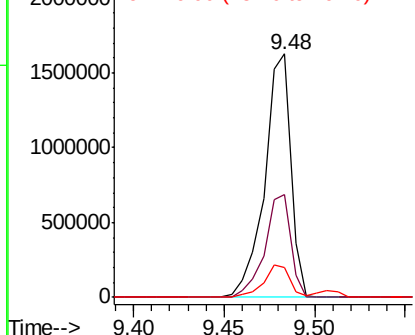
#45
 1,1'-Biphenyl
 Concen: 48.001 ng
 RT: 9.48 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Tgt Ion:154 Resp: 1633313
 Ion Ratio Lower Upper
 154 100
 153 42.0 21.3 61.3
 76 12.2 0.0 34.0

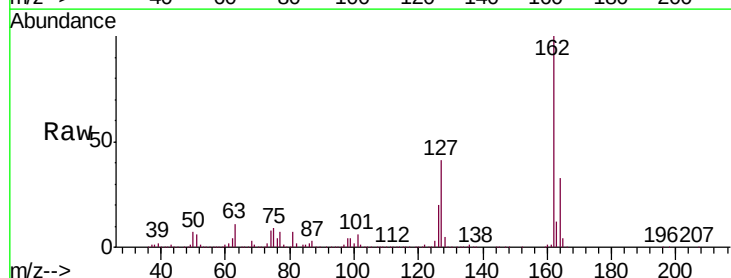


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

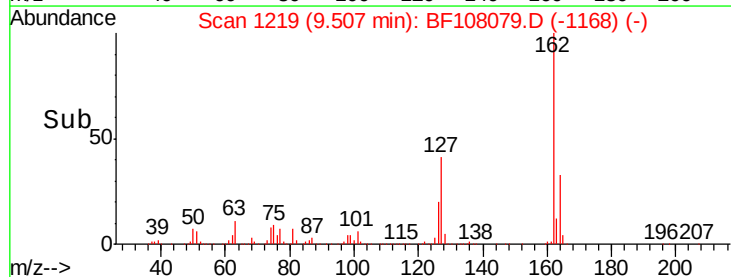
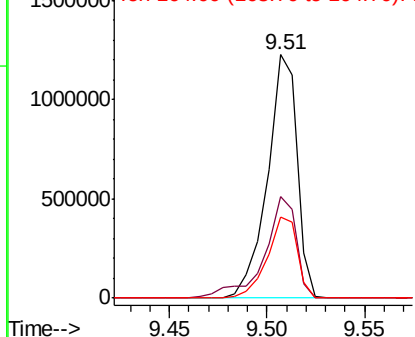


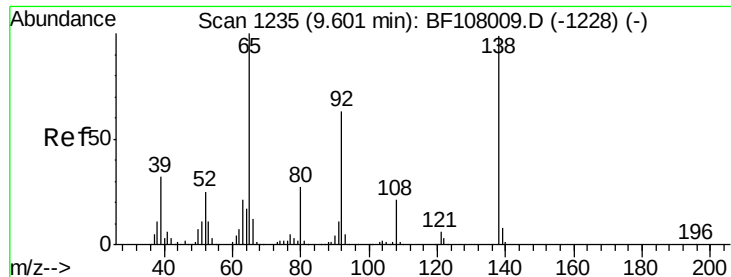
#46
 2-Chloronaphthalene
 Concen: 48.109 ng
 RT: 9.51 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Tgt Ion:162 Resp: 1293802
 Ion Ratio Lower Upper
 162 100
 127 41.5 33.9 50.9
 164 33.2 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

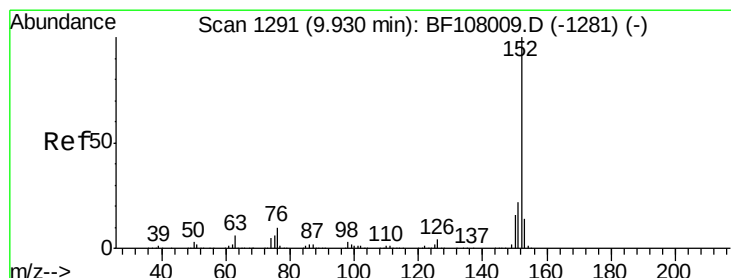
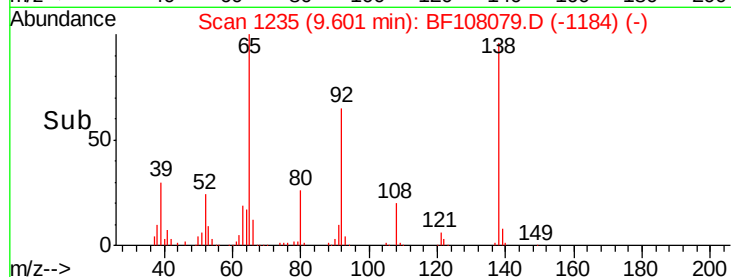
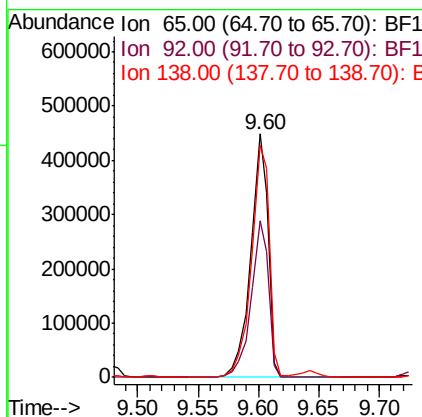
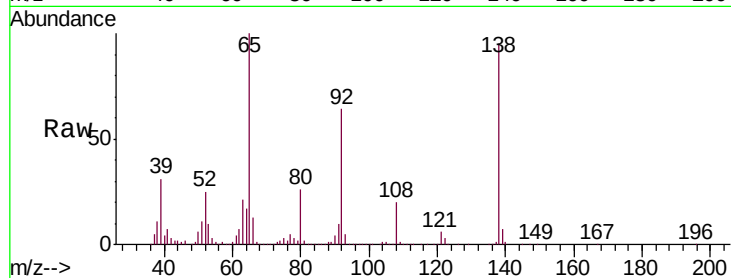




#47
2-Nitroaniline
Concen: 51.857 ng
RT: 9.60 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

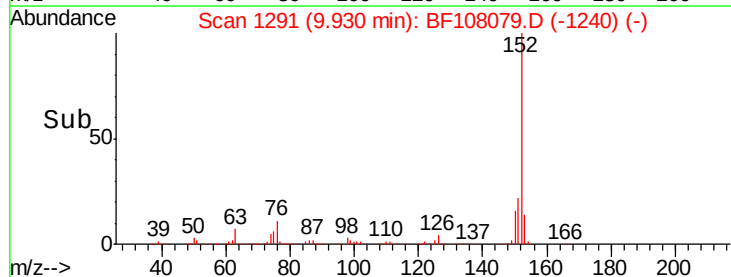
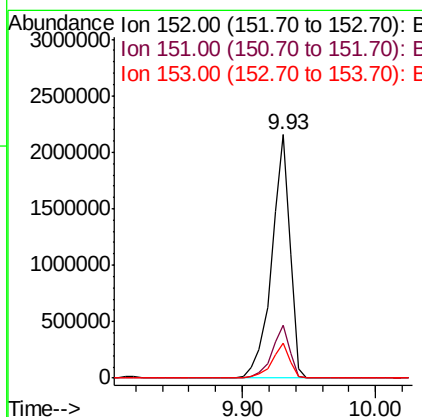
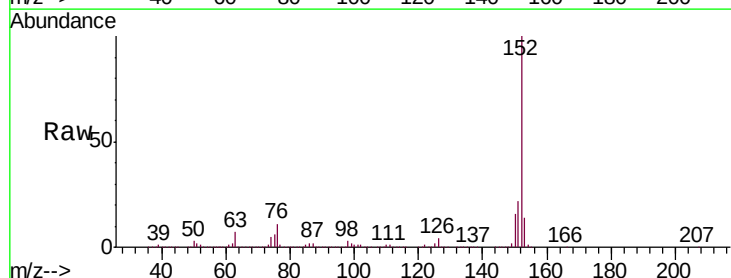
Instrument :
BNA_F
ClientSampleId :
PB111926BS

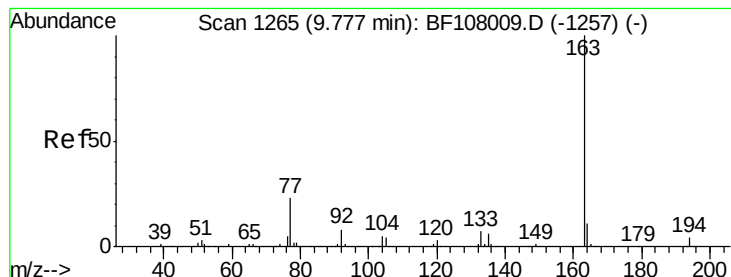
Tgt Ion: 65 Resp: 451237
Ion Ratio Lower Upper
65 100
92 64.4 55.8 83.6
138 95.5 91.2 136.8



#48
Acenaphthylene
Concen: 48.262 ng
RT: 9.93 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion: 152 Resp: 2051928
Ion Ratio Lower Upper
152 100
151 21.7 16.3 24.5
153 14.4 10.7 16.1





#49

Dimethylphthalate

Concen: 48.574 ng

RT: 9.78 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

ClientSampleId :

PB111926BS

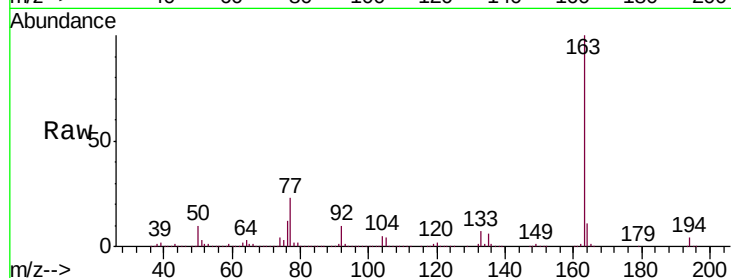
Tgt Ion:163 Resp: 1561506

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

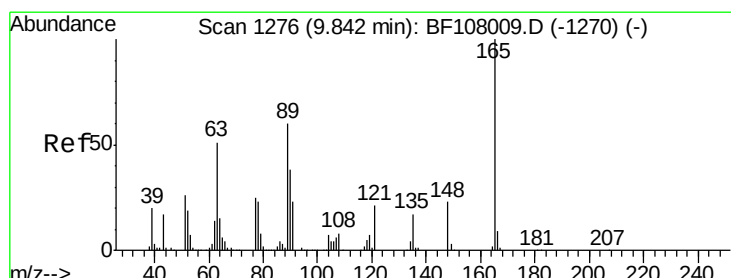
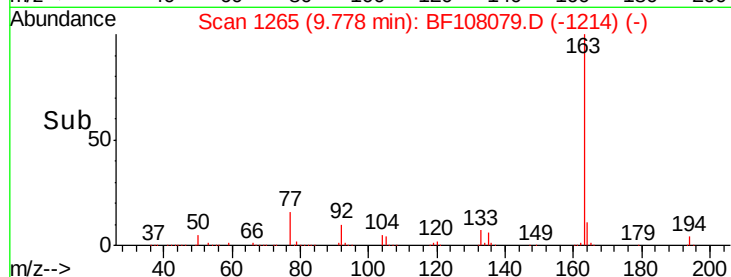
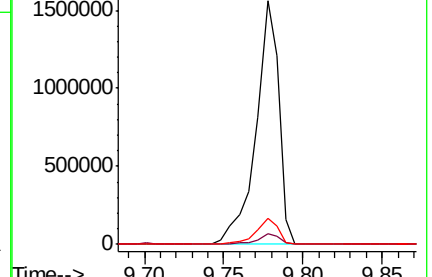
164 10.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.807 ng

RT: 9.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

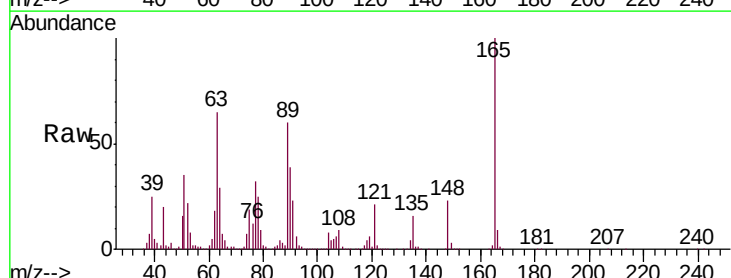
Tgt Ion:165 Resp: 348447

Ion Ratio Lower Upper

165 100

63 64.7 44.7 67.1

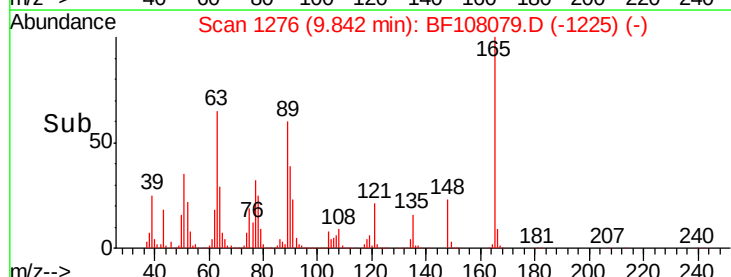
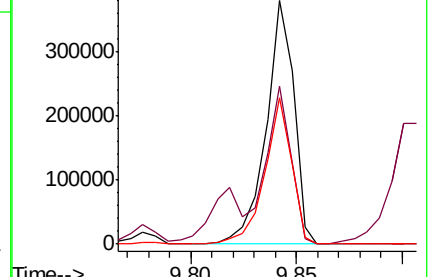
89 60.3 44.0 66.0

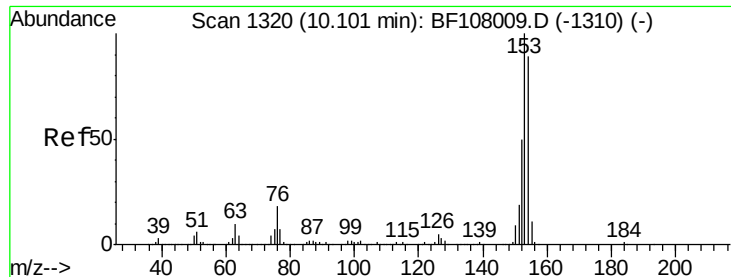


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 49.922 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

ClientSampleId :

PB111926BS

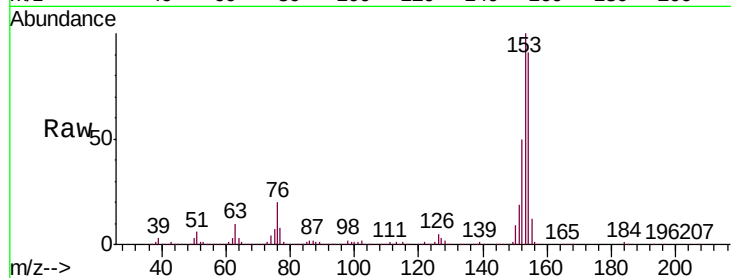
Tgt Ion:154 Resp: 1300021

Ion Ratio Lower Upper

154 100

153 109.6 91.2 136.8

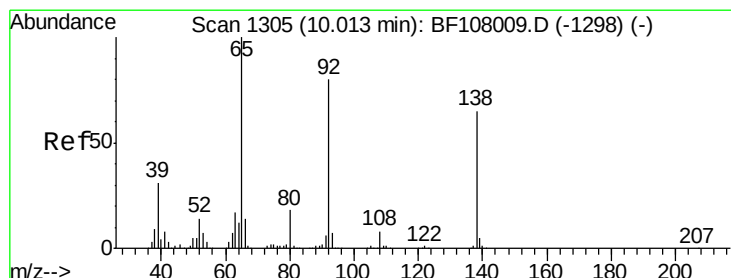
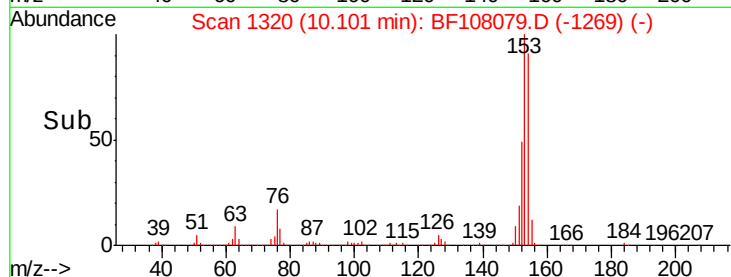
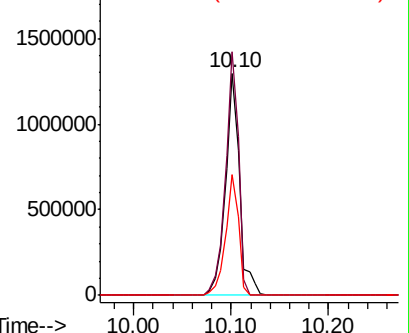
152 54.4 43.8 65.8



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: 38.582 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

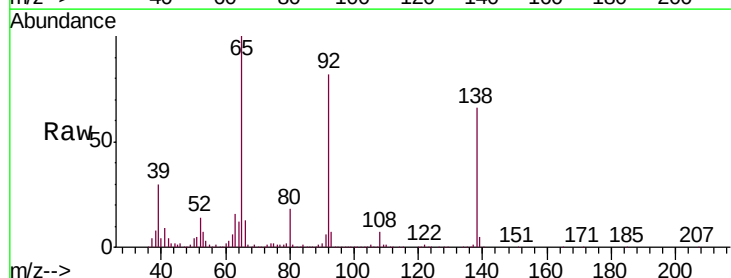
Tgt Ion:138 Resp: 283918

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

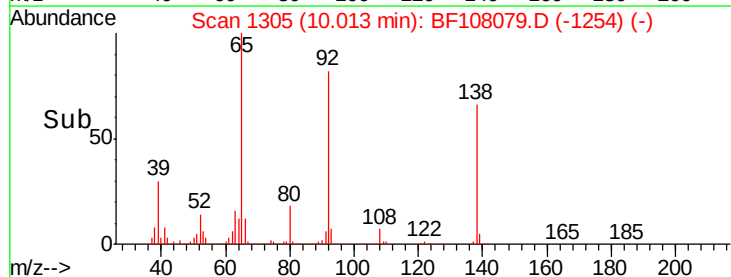
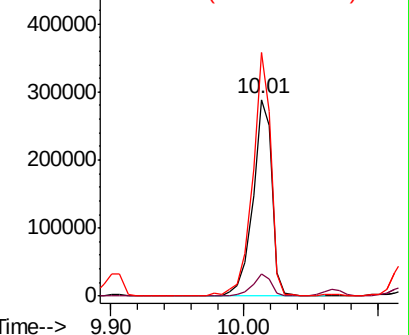
92 124.0 89.4 134.2

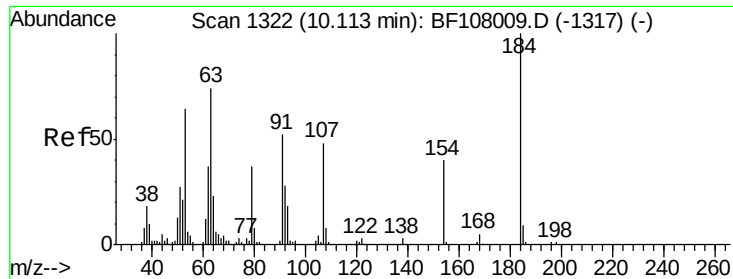


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

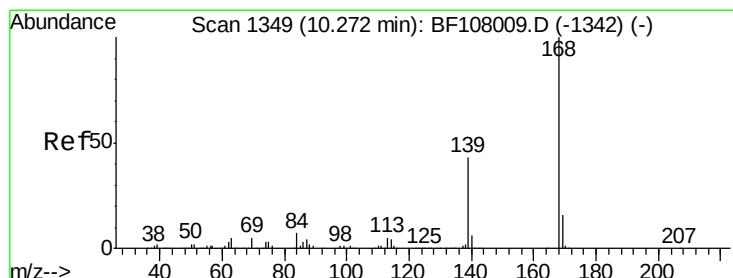
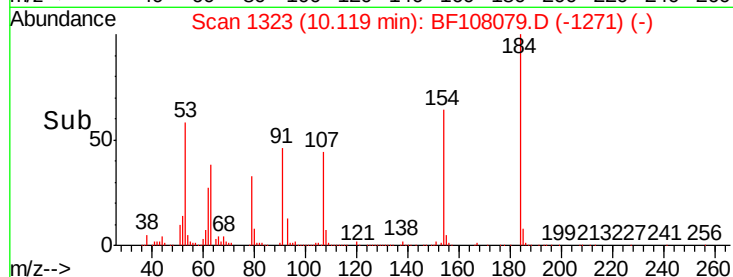
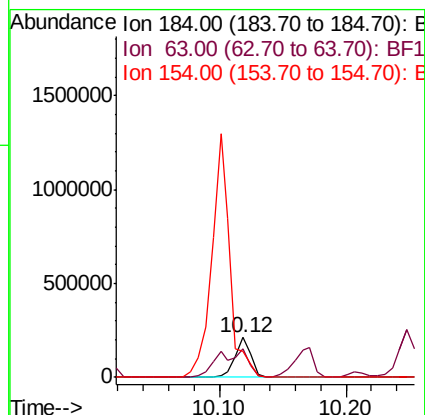
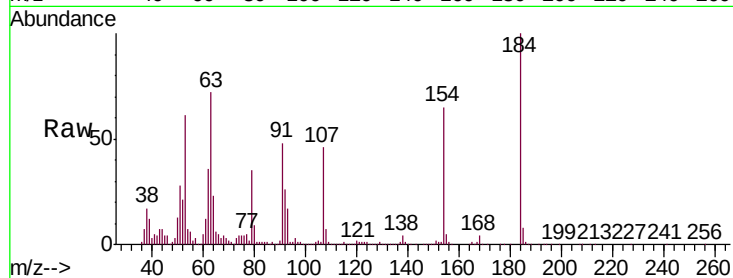




#53
2,4-Dinitrophenol
Concen: 72.958 ng
RT: 10.12 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

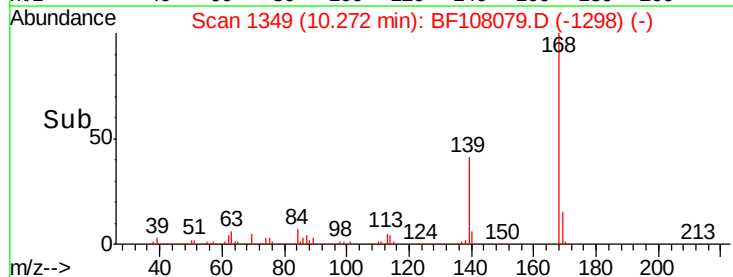
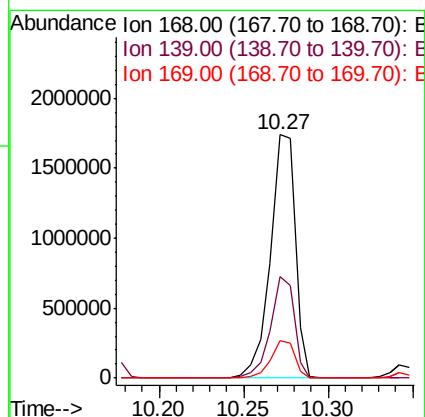
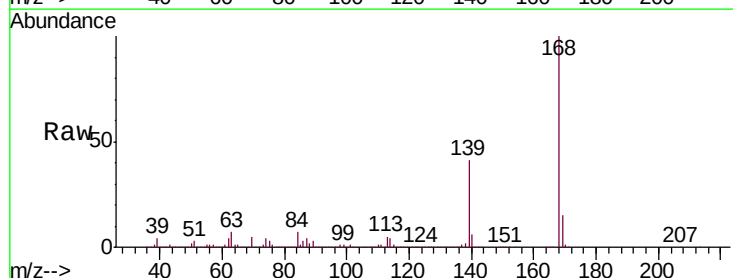
Instrument :
BNA_F
ClientSampleId :
PB111926BS

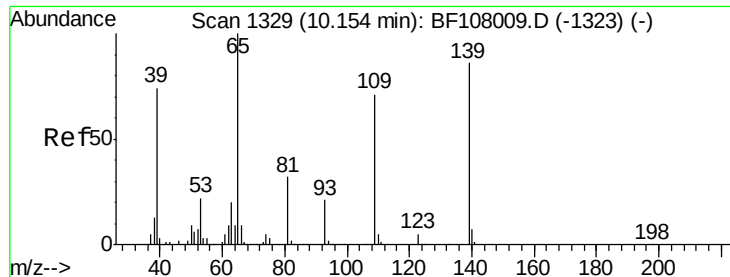
Tgt Ion:184 Resp: 181937
Ion Ratio Lower Upper
184 100
63 71.8 54.2 81.2
154 64.6 184.0 276.0#



#54
Dibenzofuran
Concen: 47.090 ng
RT: 10.27 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion:168 Resp: 1776598
Ion Ratio Lower Upper
168 100
139 41.4 30.1 45.1
169 15.3 10.9 16.3

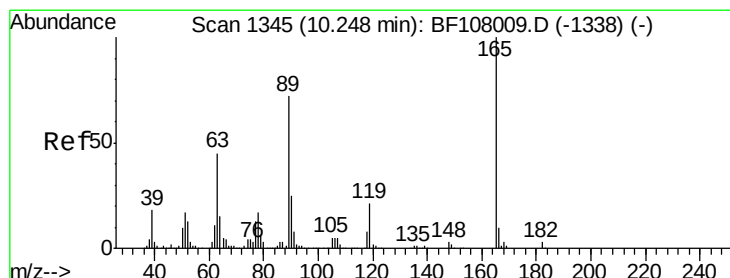
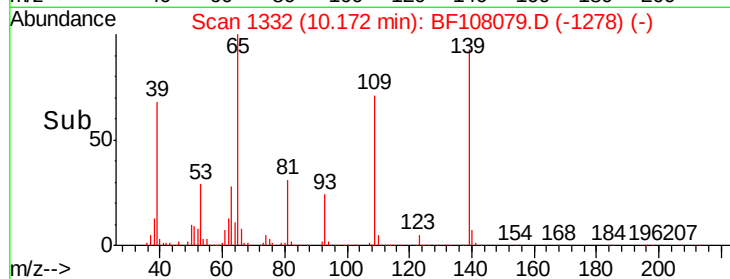
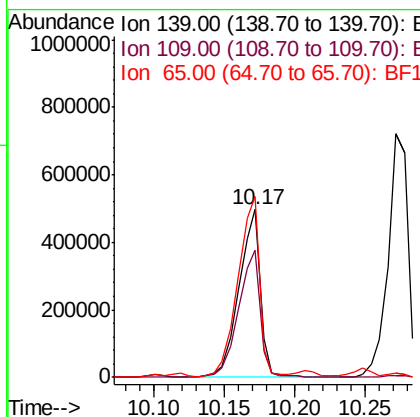
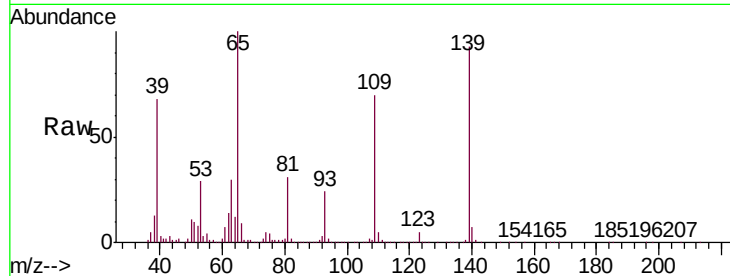




#55
4-Nitrophenol
Concen: 93.298 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

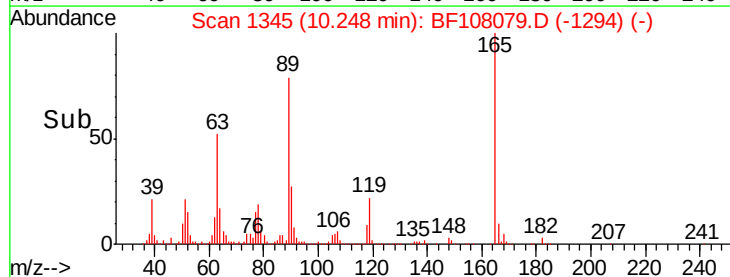
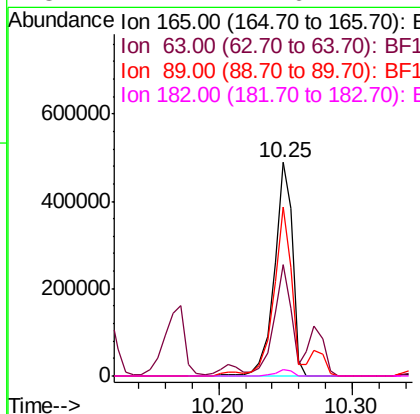
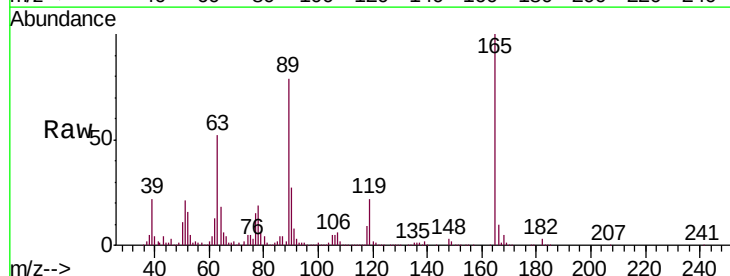
Instrument :
BNA_F
ClientSampleId :
PB111926BS

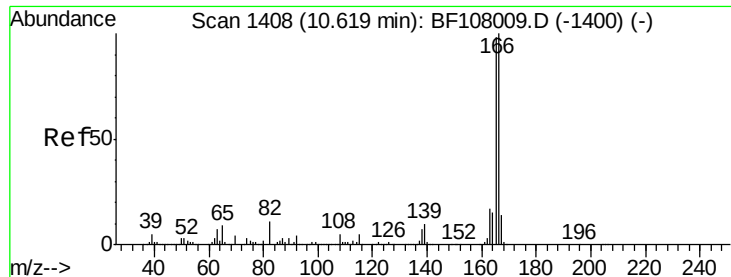
Tgt Ion:139 Resp: 519909
Ion Ratio Lower Upper
139 100
109 76.0 48.4 88.4
65 107.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 53.353 ng
RT: 10.25 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion:165 Resp: 461898
Ion Ratio Lower Upper
165 100
63 51.9 36.4 54.6
89 79.1 57.8 86.6
182 2.7 1.6 2.4#





#57

Fluorene

Concen: 47.623 ng

RT: 10.62 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

ClientSampleId :

PB111926BS

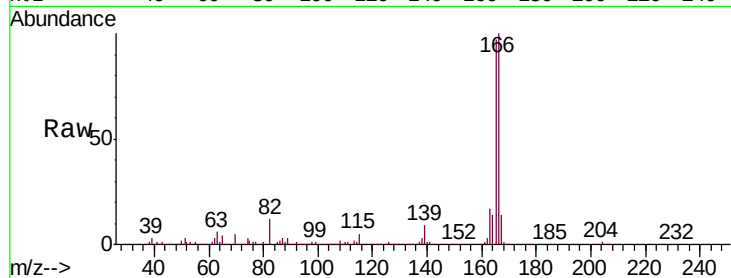
Tgt Ion:166 Resp: 1422289

Ion Ratio Lower Upper

166 100

165 97.2 79.8 119.8

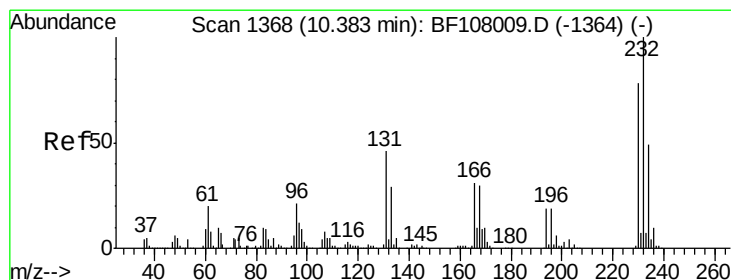
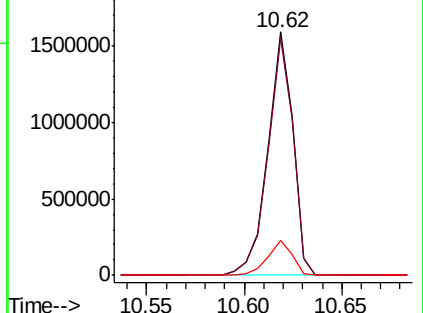
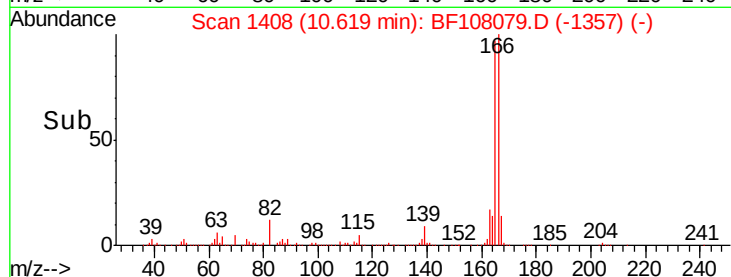
167 14.4 10.6 16.0



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: 50.606 ng

RT: 10.39 min Scan# 1369

Delta R.T. 0.01 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Tgt Ion:232 Resp: 409488

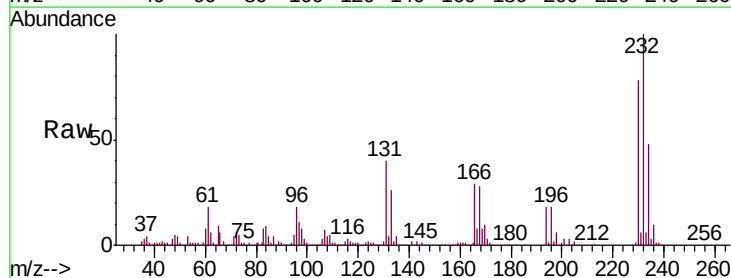
Ion Ratio Lower Upper

232 100

131 42.5 43.8 65.8#

130 2.0 2.1 3.1#

166 28.7 27.8 41.6

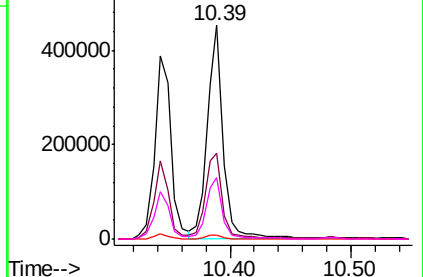
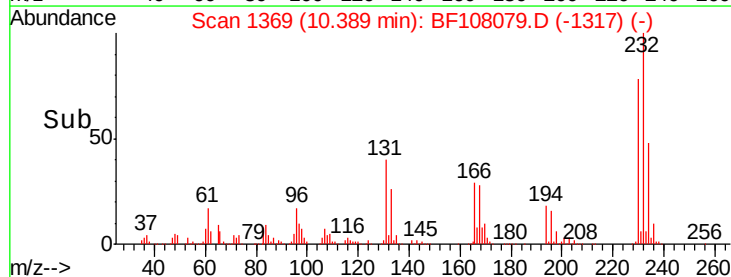


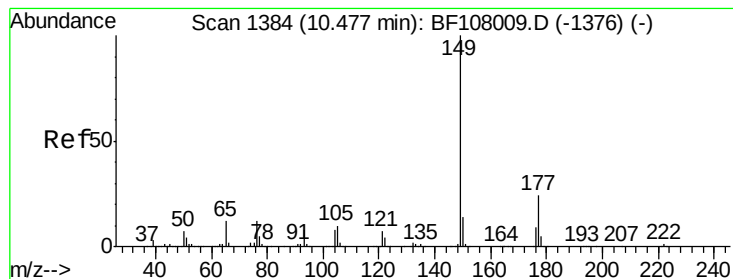
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 49.498 ng

RT: 10.48 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

ClientSampleId :

PB111926BS

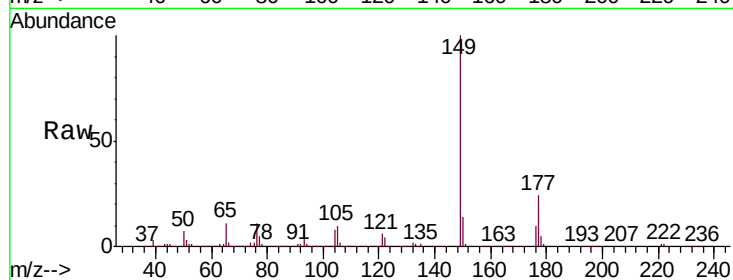
Tgt Ion:149 Resp: 1540847

Ion Ratio Lower Upper

149 100

177 24.3 16.1 24.1#

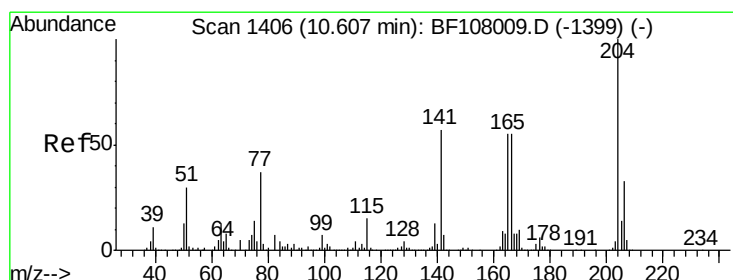
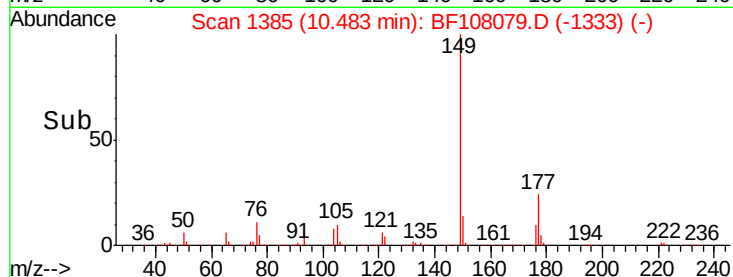
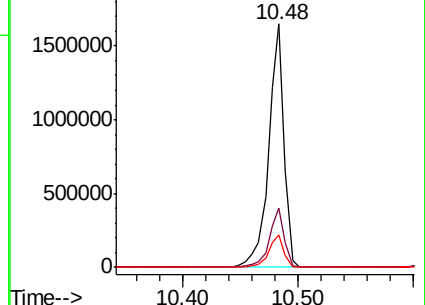
150 13.5 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 47.330 ng

RT: 10.61 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

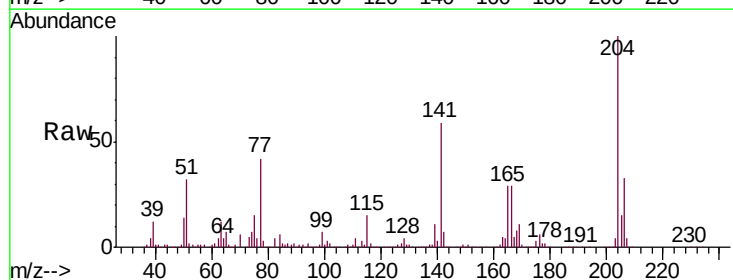
Tgt Ion:204 Resp: 736564

Ion Ratio Lower Upper

204 100

206 33.1 26.5 39.7

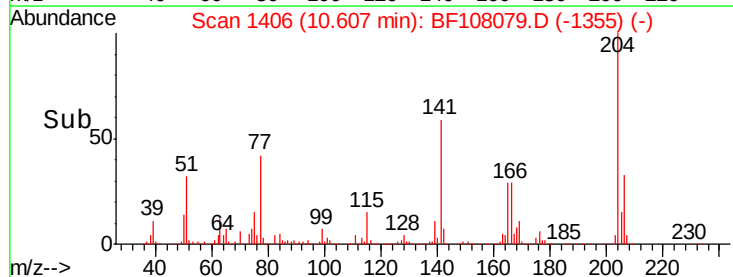
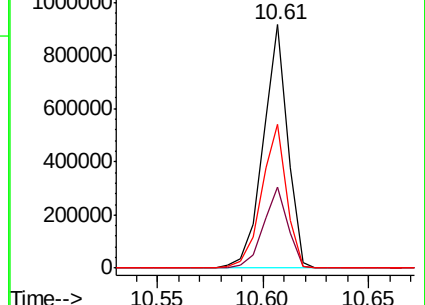
141 59.0 54.6 81.8

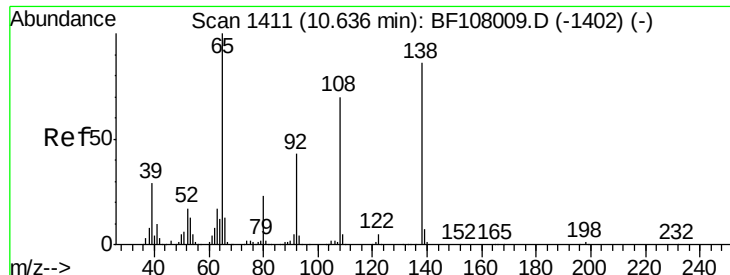


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

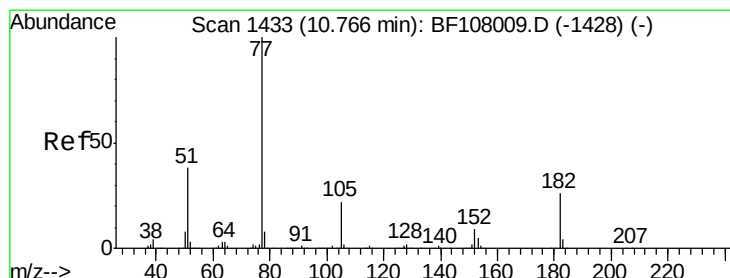
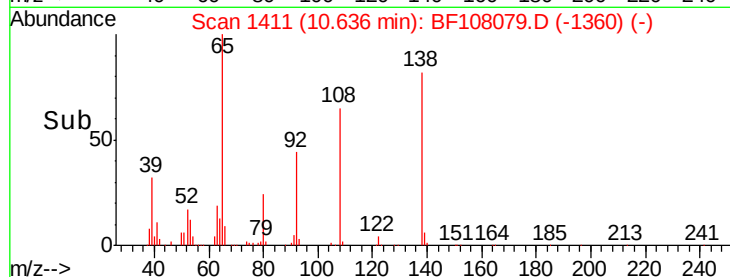
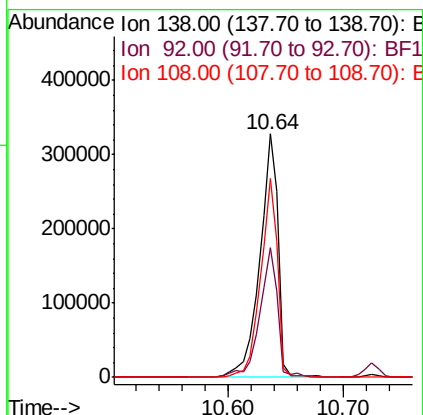
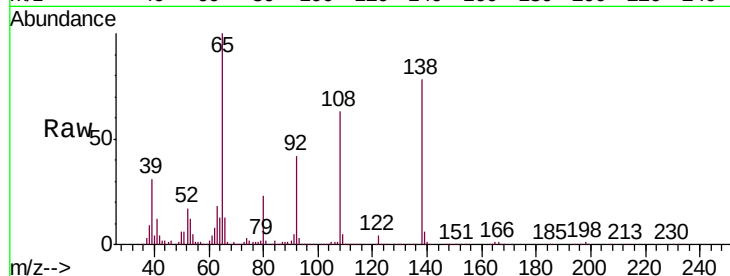




#61
4-Nitroaniline
Concen: 50.183 ng
RT: 10.64 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

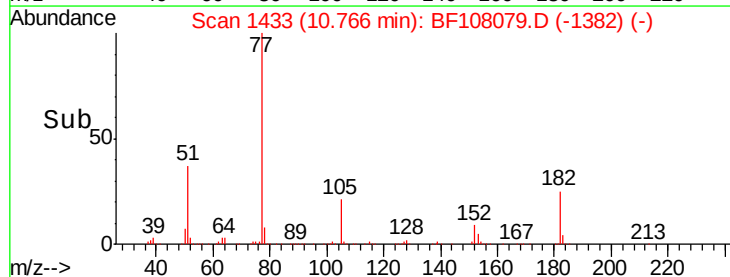
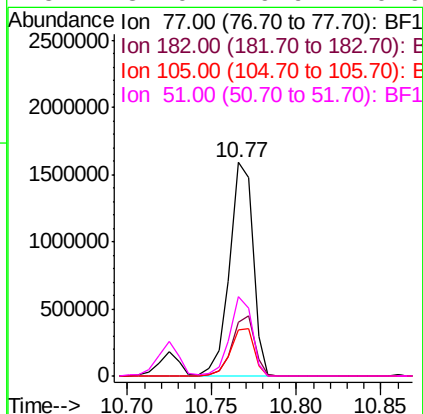
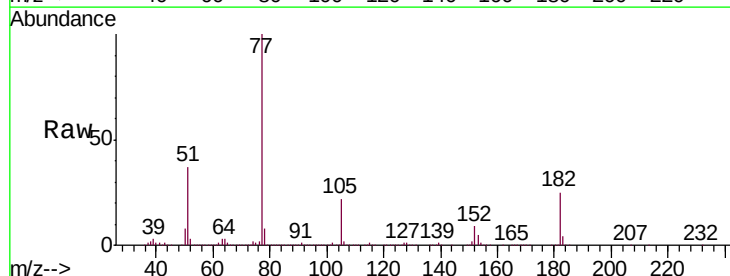
Instrument :
BNA_F
ClientSampleId :
PB111926BS

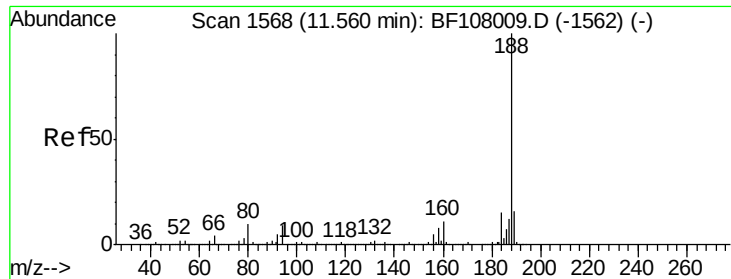
Tgt Ion:138 Resp: 365108
Ion Ratio Lower Upper
138 100
92 53.5 30.2 70.2
108 81.7 52.5 92.5



#62
Azobenzene
Concen: 47.547 ng
RT: 10.77 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion: 77 Resp: 1528541
Ion Ratio Lower Upper
77 100
182 25.3 1.7 41.7
105 21.6 3.0 43.0
51 37.0 9.9 49.9

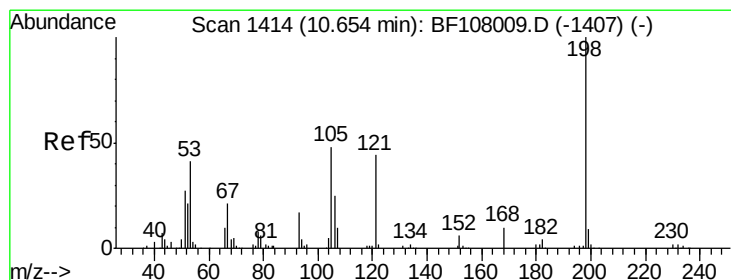
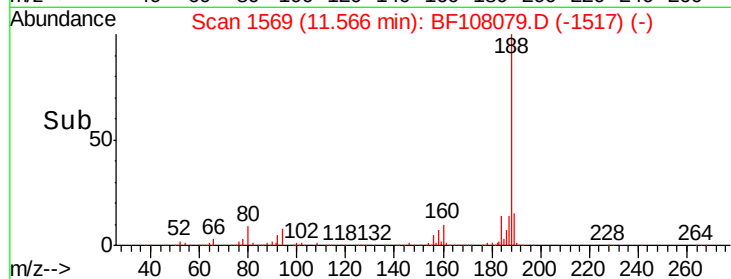
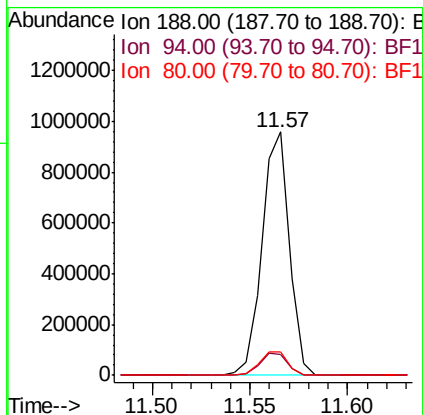
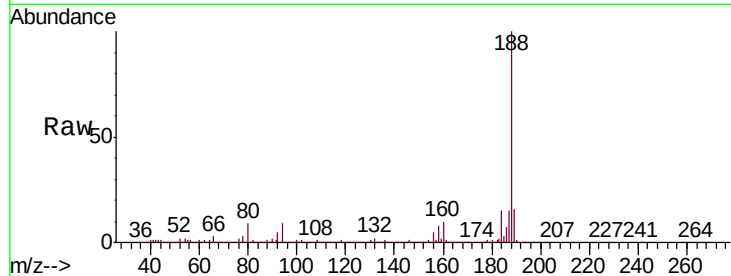




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

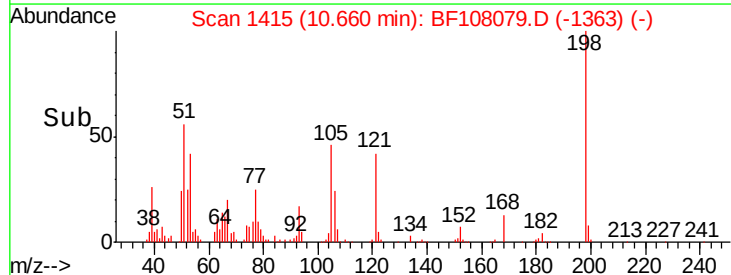
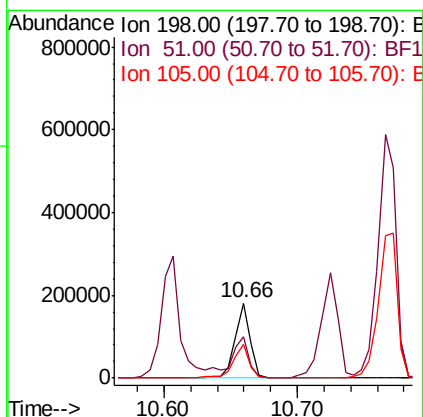
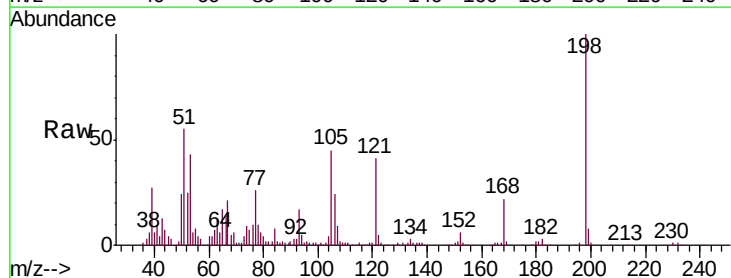
Instrument :
BNA_F
ClientSampleId :
PB111926BS

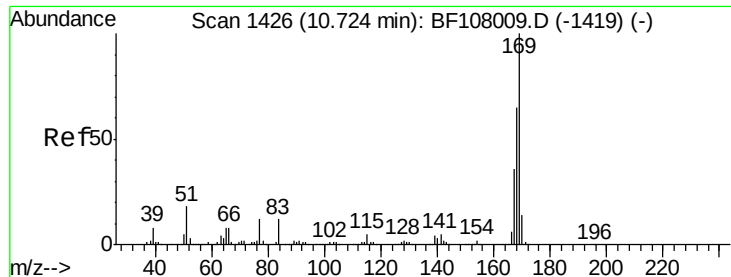
Tgt Ion:188 Resp: 926809
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 9.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 42.708 ng
RT: 10.66 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion:198 Resp: 146291
Ion Ratio Lower Upper
198 100
51 54.8 37.7 77.7
105 44.8 36.3 76.3

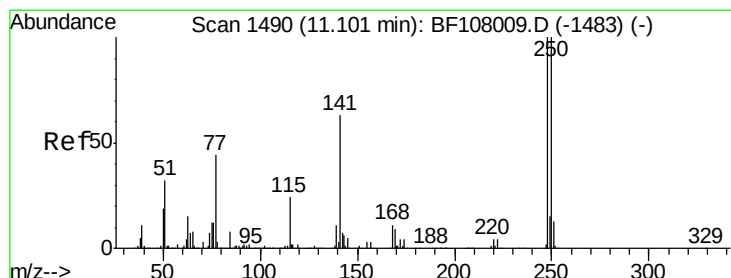
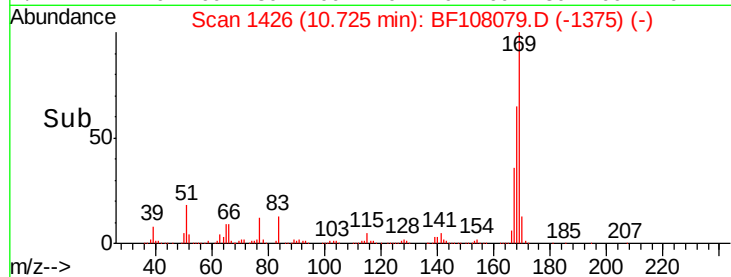
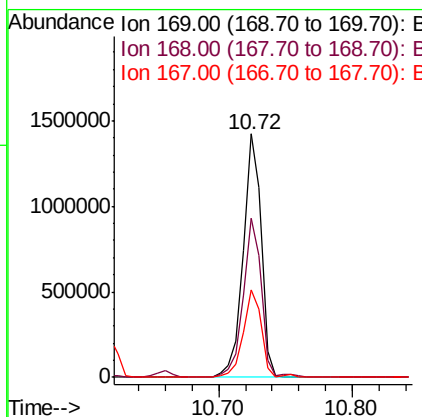
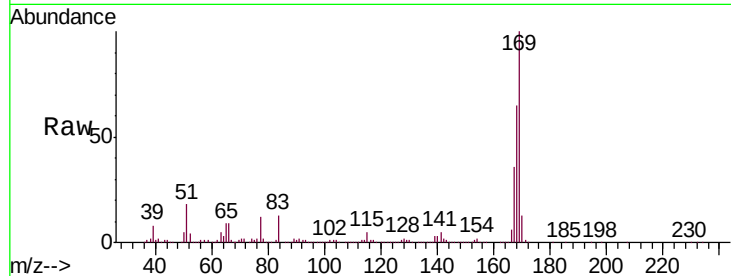




#65
 n-Nitrosodiphenylamine
 Concen: 48.332 ng
 RT: 10.72 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

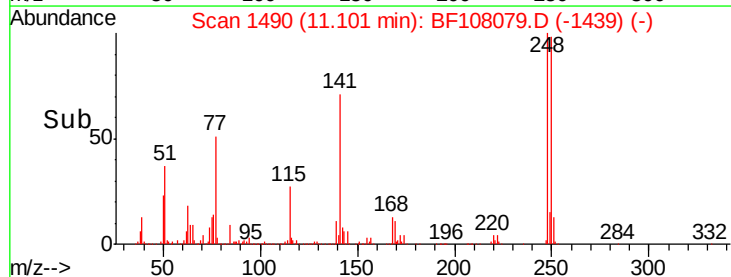
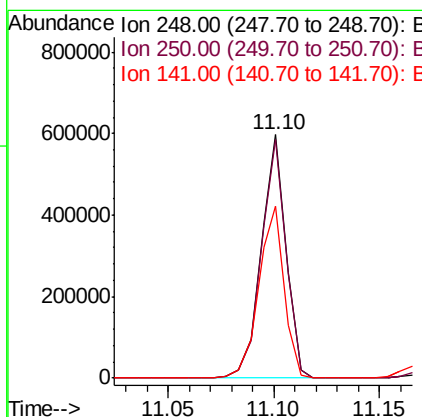
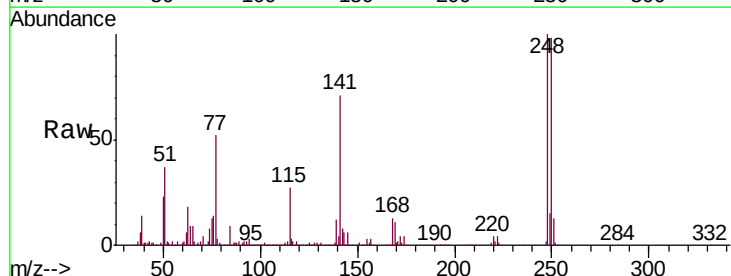
Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

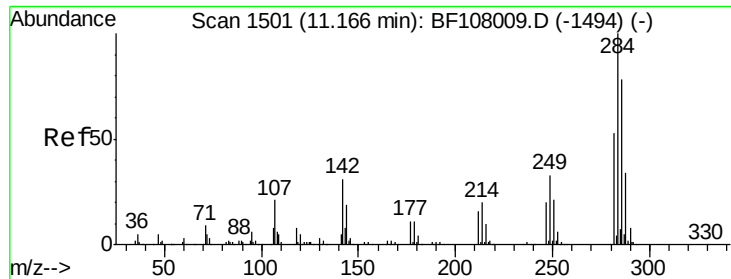
Tgt Ion:169 Resp: 1323719
 Ion Ratio Lower Upper
 169 100
 168 65.4 54.4 81.6
 167 35.7 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 48.262 ng
 RT: 11.10 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Tgt Ion:248 Resp: 486089
 Ion Ratio Lower Upper
 248 100
 250 98.0 76.9 115.3
 141 70.7 74.4 111.6#

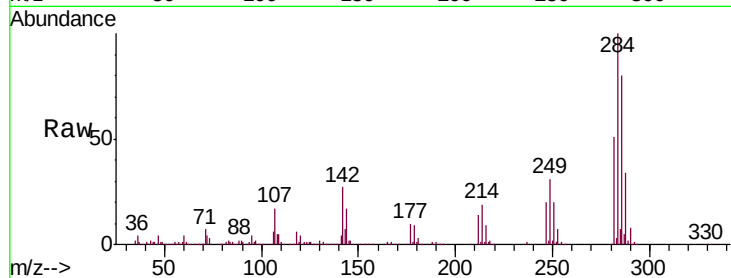




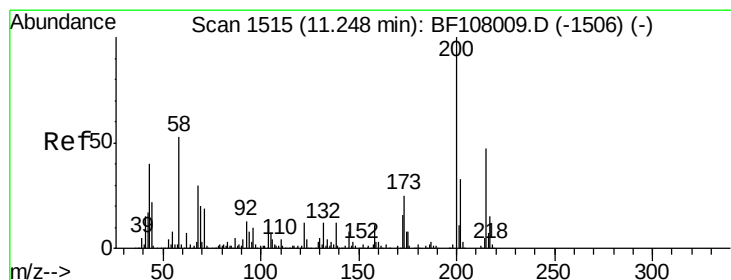
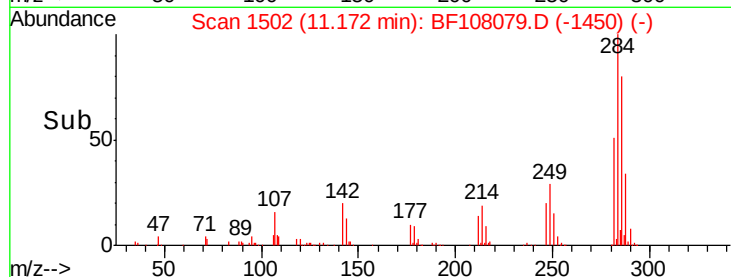
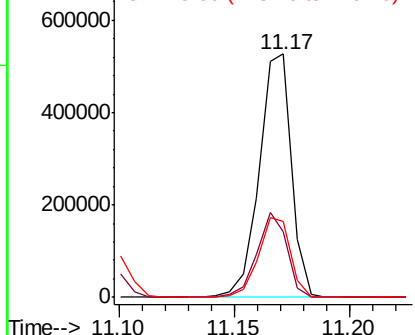
#67
Hexachlorobenzene
Concen: 48.110 ng
RT: 11.17 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tgt Ion: 284 Resp: 509832
Ion Ratio Lower Upper
284 100
142 26.9 34.6 52.0#
249 31.3 24.8 37.2

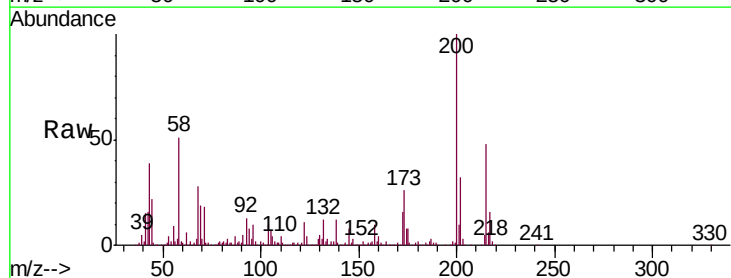


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

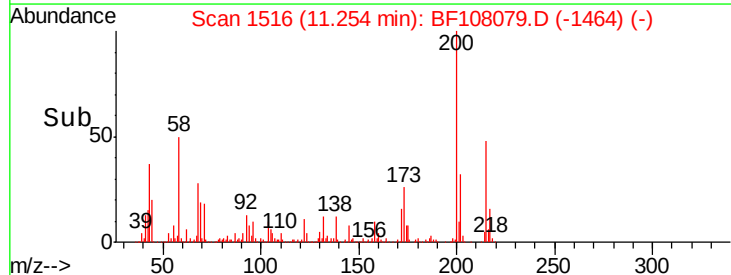
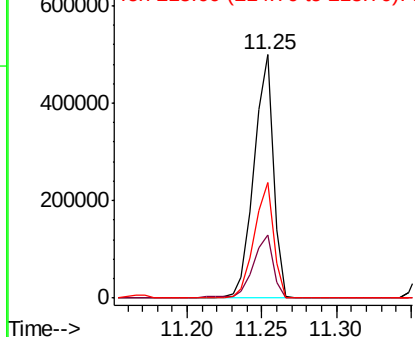


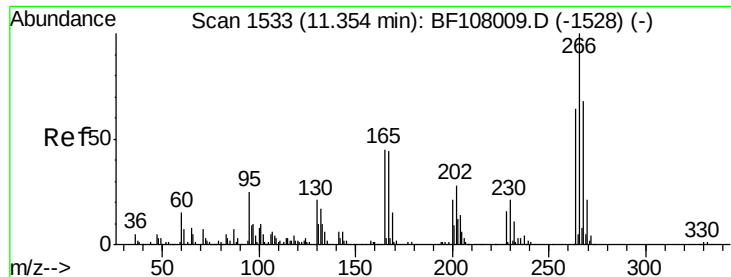
#68
Atrazine
Concen: 48.745 ng
RT: 11.25 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion: 200 Resp: 447777
Ion Ratio Lower Upper
200 100
173 25.8 8.6 48.6
215 47.6 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

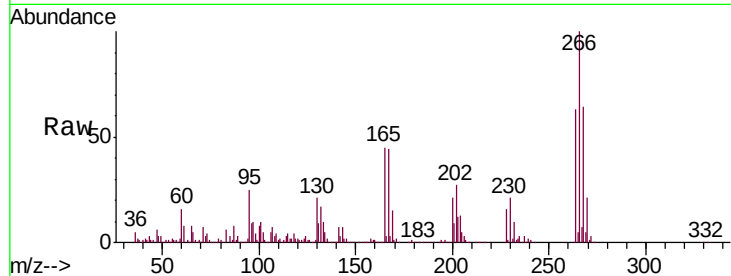




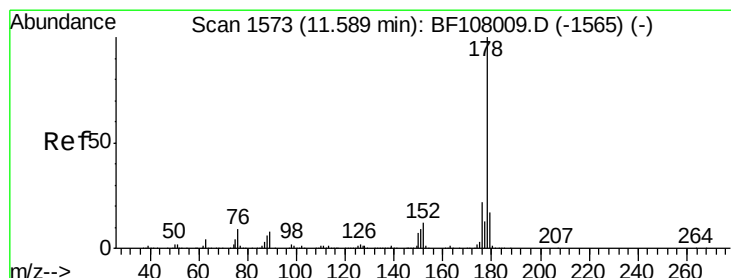
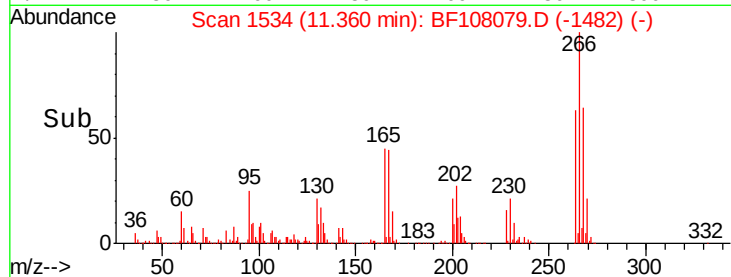
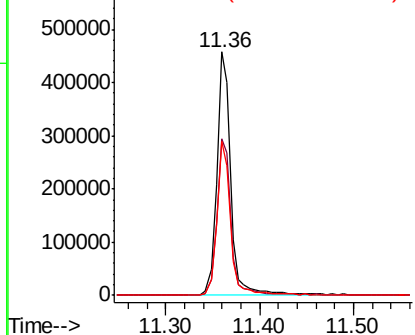
#69
 Pentachlorophenol
 Concen: 94.865 ng
 RT: 11.36 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Tgt Ion:266 Resp: 481187
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.1 76.7
 264 63.5 49.5 74.3

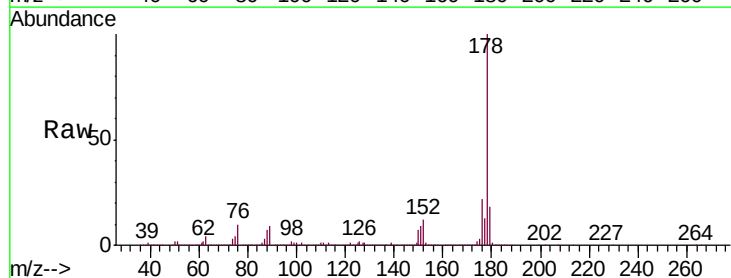


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

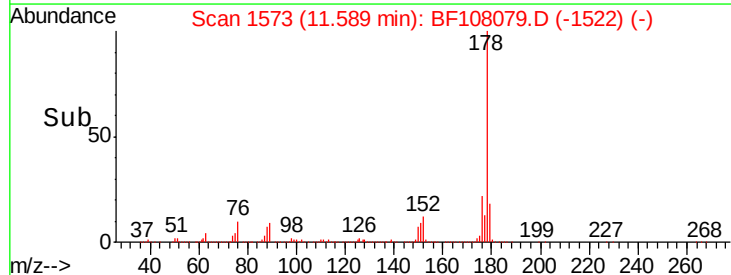
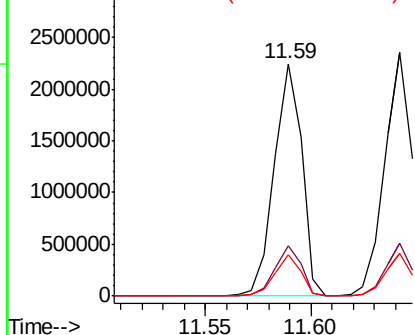


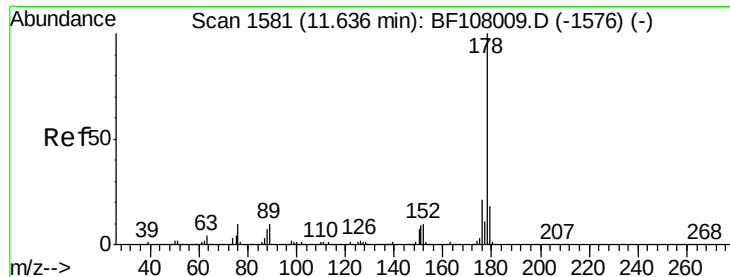
#70
 Phenanthrene
 Concen: 46.846 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Tgt Ion:178 Resp: 2047856
 Ion Ratio Lower Upper
 178 100
 176 21.9 15.8 23.8
 179 17.6 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

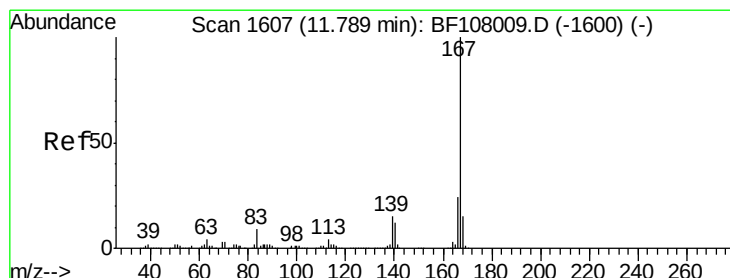
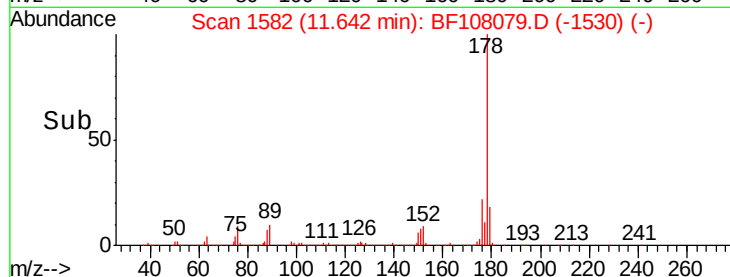
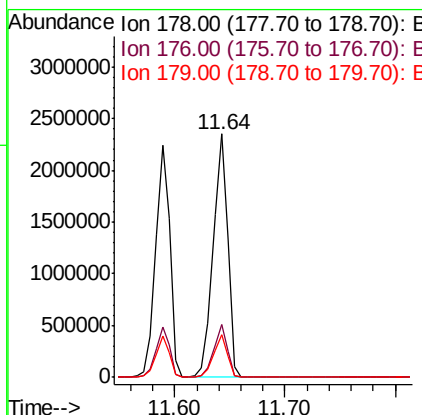
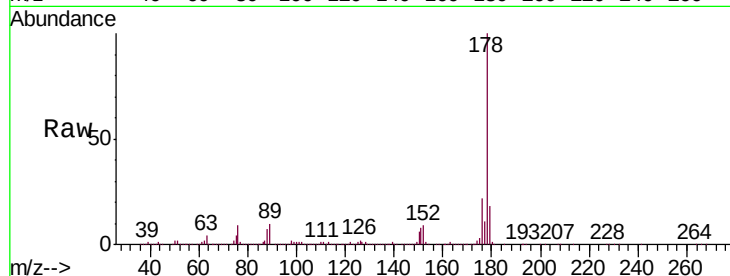




#71
 Anthracene
 Concen: 47.206 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

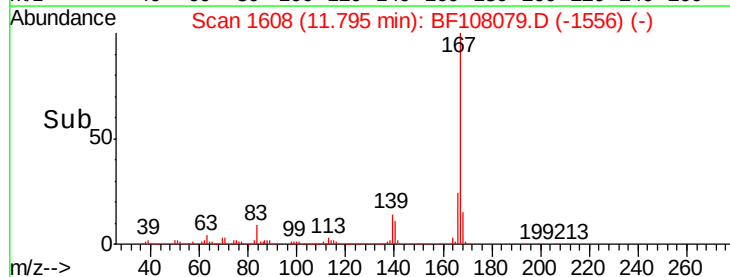
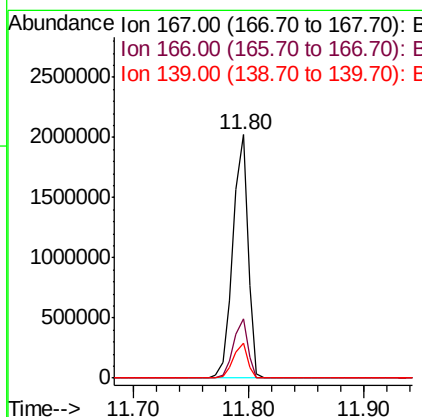
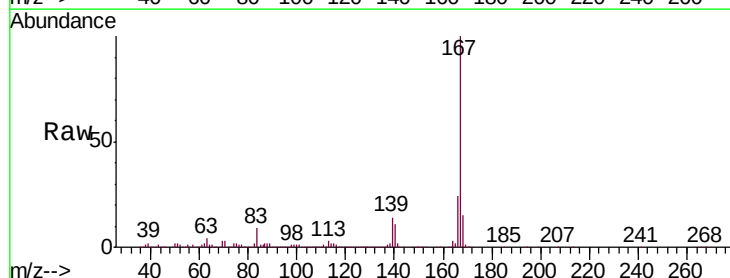
Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

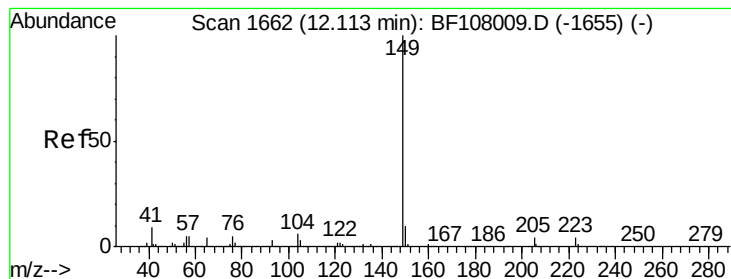
Tgt Ion:178 Resp: 2115029
 Ion Ratio Lower Upper
 178 100
 176 21.5 15.4 23.2
 179 17.6 12.6 19.0



#72
 Carbazole
 Concen: 46.223 ng
 RT: 11.80 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Tgt Ion:167 Resp: 1840021
 Ion Ratio Lower Upper
 167 100
 166 24.1 17.6 26.4
 139 14.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 50.737 ng

RT: 12.11 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

ClientSampleId :

PB111926BS

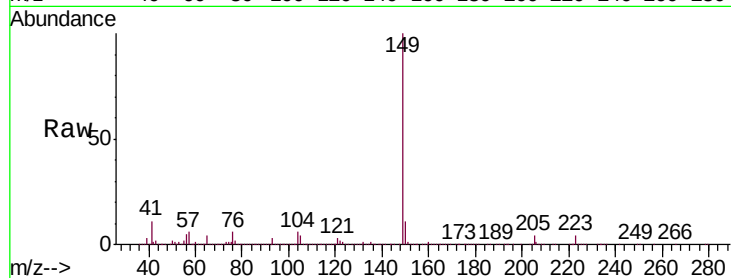
Tgt Ion:149 Resp: 2287689

Ion Ratio Lower Upper

149 100

150 11.0 7.8 11.6

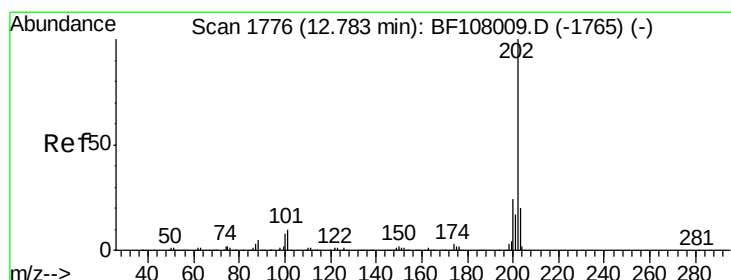
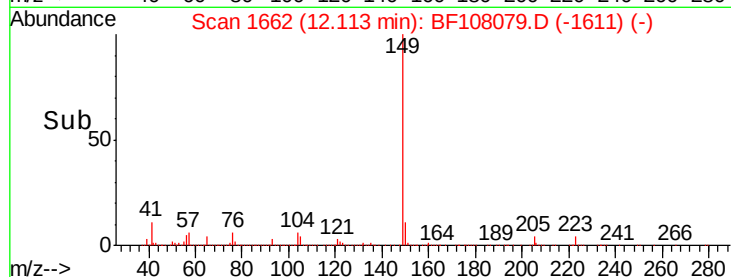
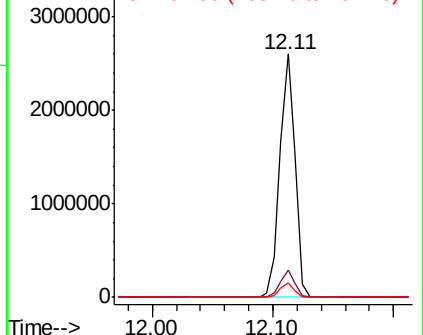
104 6.0 3.8 5.8#



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: 45.586 ng

RT: 12.78 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

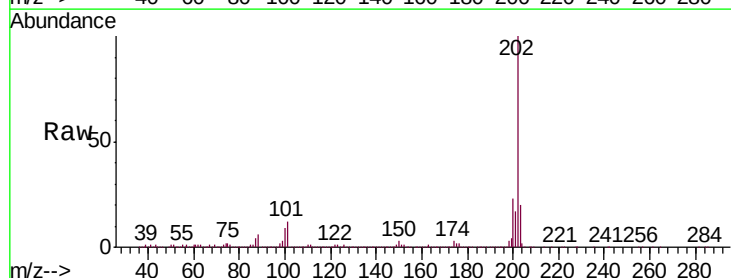
Tgt Ion:202 Resp: 2174861

Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.1

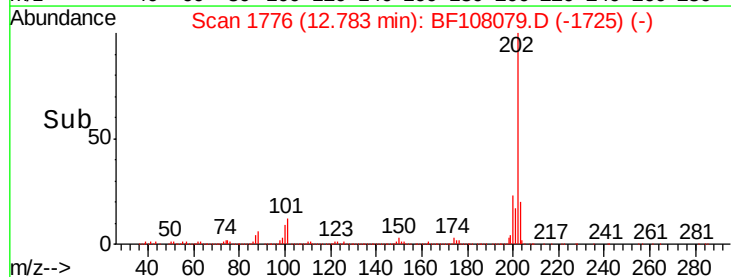
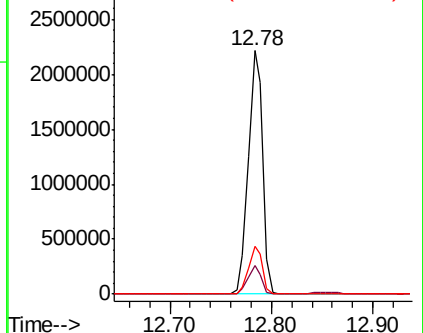
203 19.6 0.0 38.1

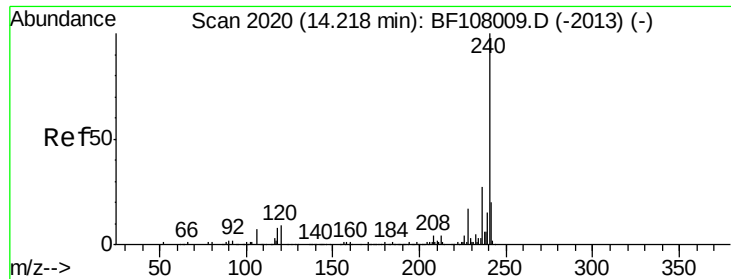


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2020

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

ClientSampleId :

PB111926BS

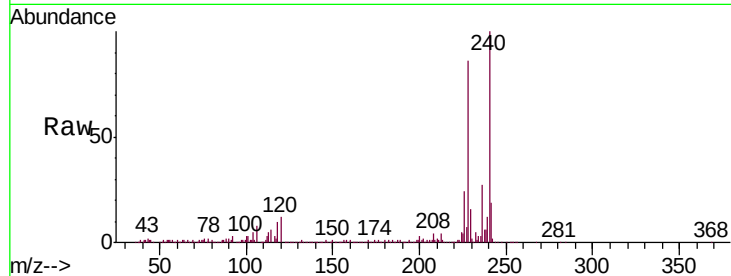
Tgt Ion:240 Resp: 661907

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

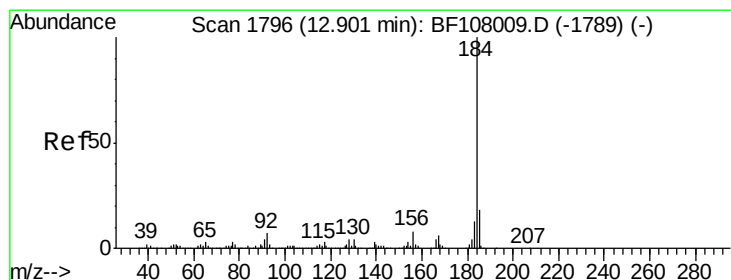
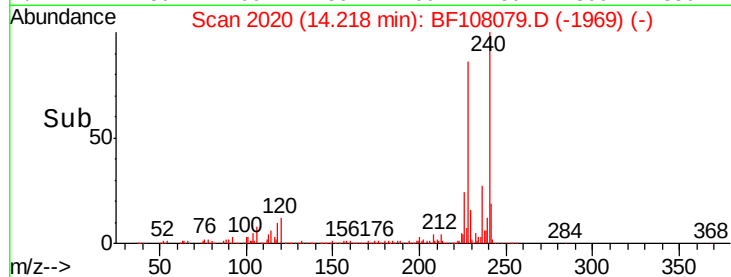
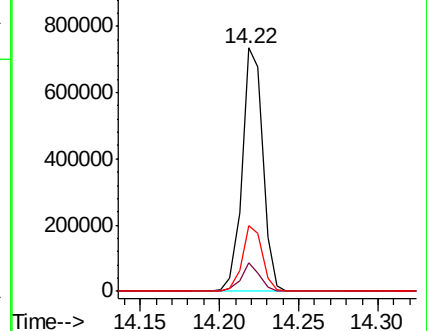
236 26.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.266 ng

RT: 12.90 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

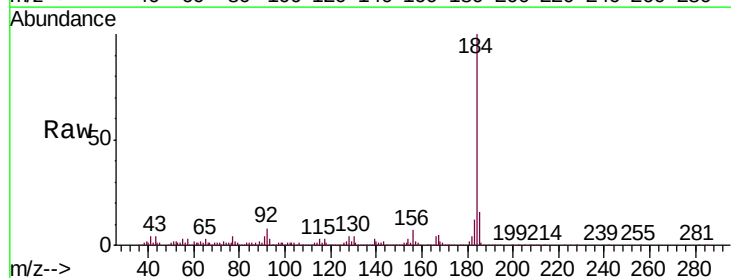
Tgt Ion:184 Resp: 797942

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

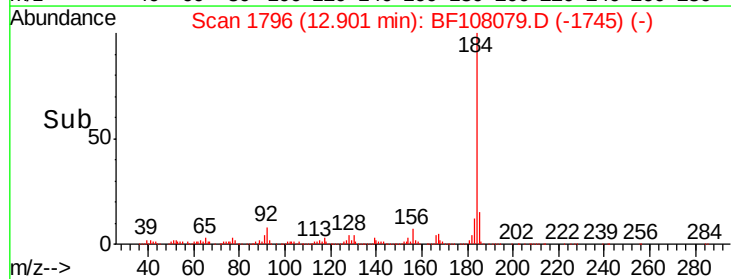
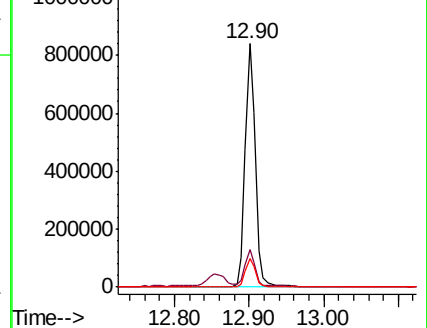
183 11.7 9.3 13.9

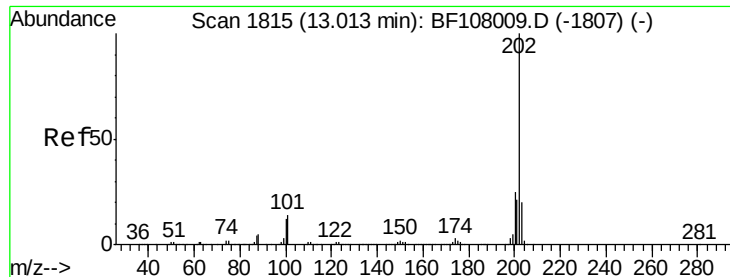


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

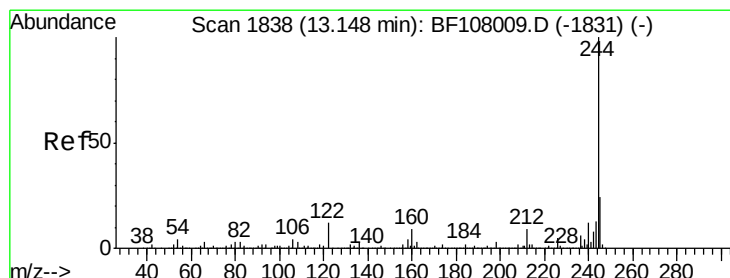
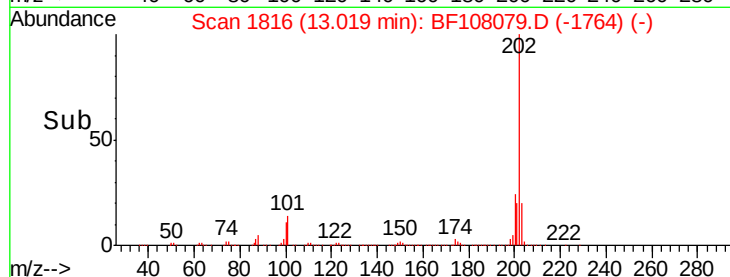
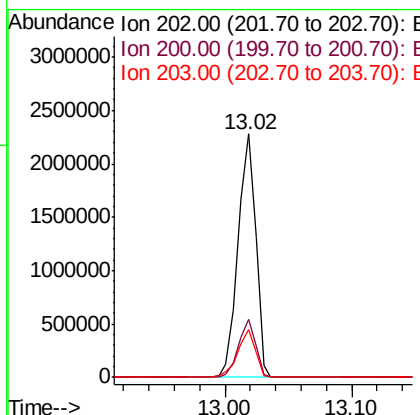
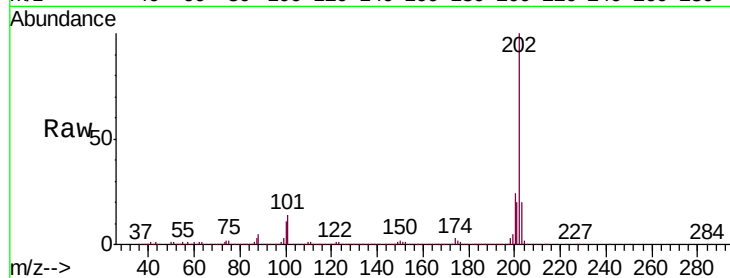




#77
 Pyrene
 Concen: 51.815 ng
 RT: 13.02 min Scan# 1816
 Delta R.T. 0.01 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

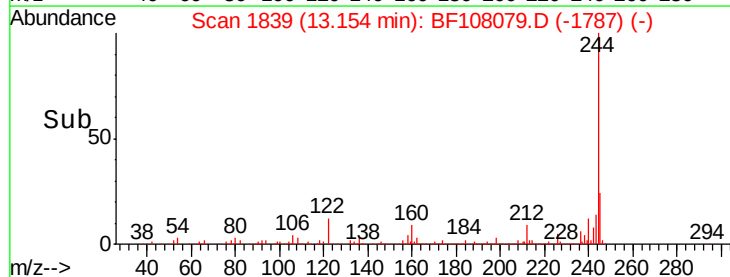
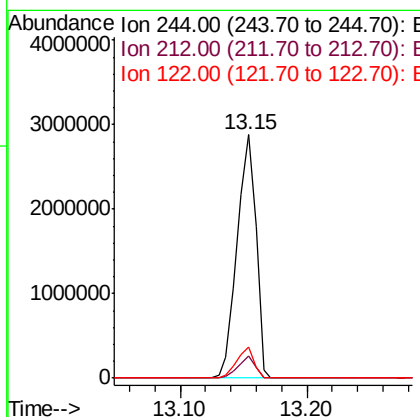
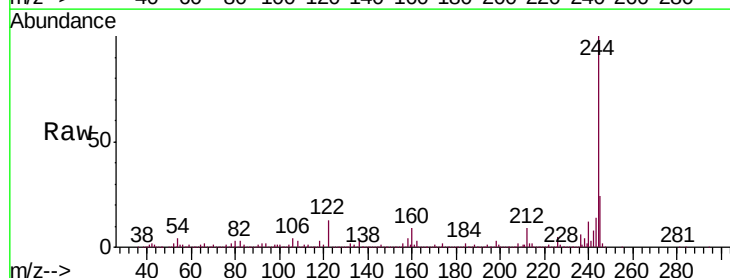
Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

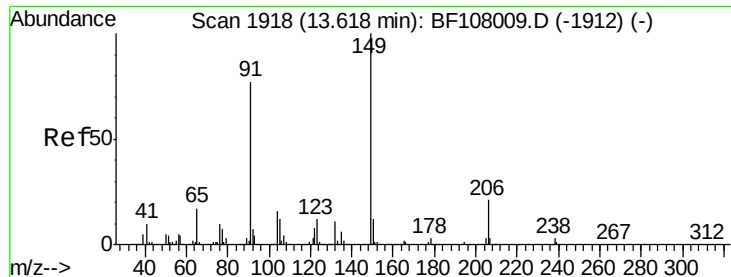
Tgt Ion:202 Resp: 2171331
 Ion Ratio Lower Upper
 202 100
 200 24.1 17.4 26.2
 203 19.6 14.3 21.5



#78
 Terphenyl-d14
 Concen: 112.752 ng
 RT: 13.15 min Scan# 1839
 Delta R.T. 0.01 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Tgt Ion:244 Resp: 2935279
 Ion Ratio Lower Upper
 244 100
 212 8.9 5.4 8.0#
 122 12.5 11.0 16.4

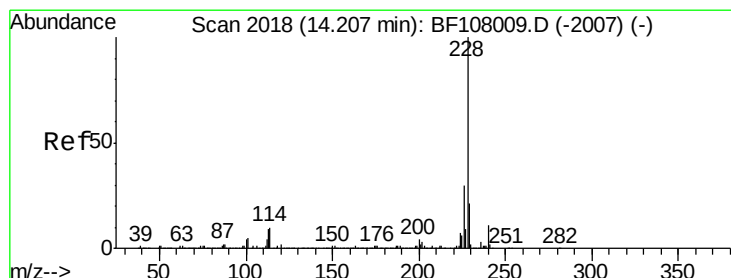
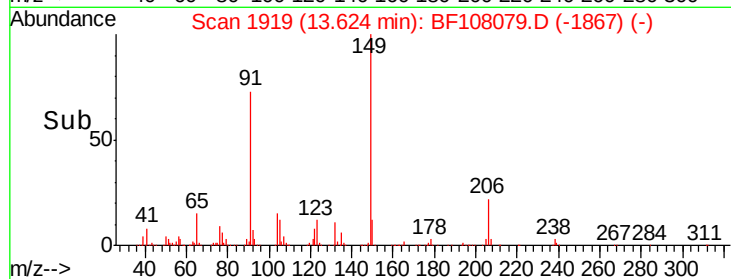
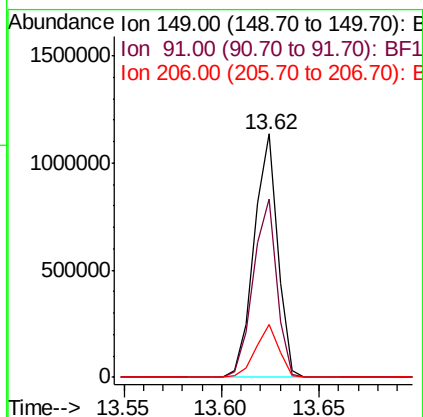
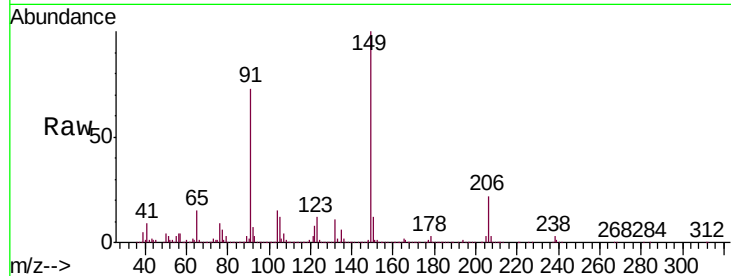




#79
Butylbenzylphthalate
Concen: 57.218 ng
RT: 13.62 min Scan# 1919
Delta R.T. 0.01 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

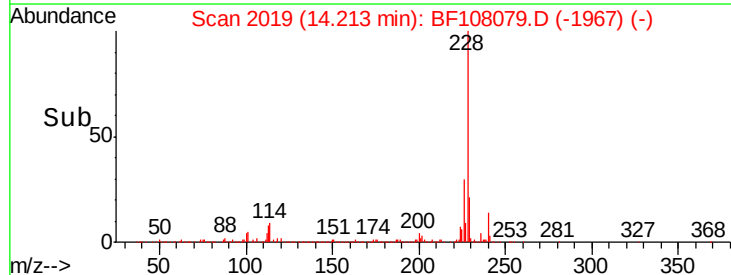
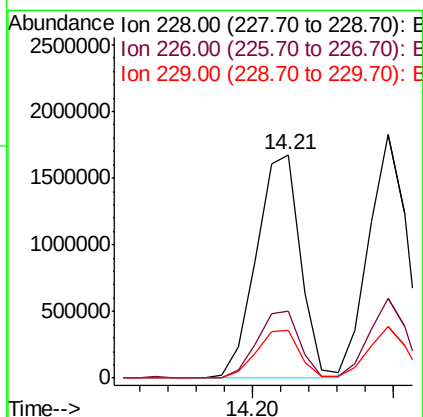
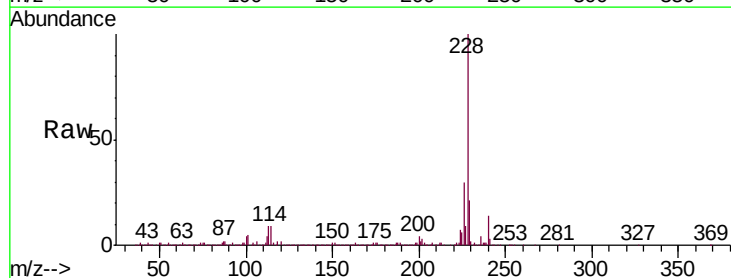
Instrument :
BNA_F
ClientSampleId :
PB111926BS

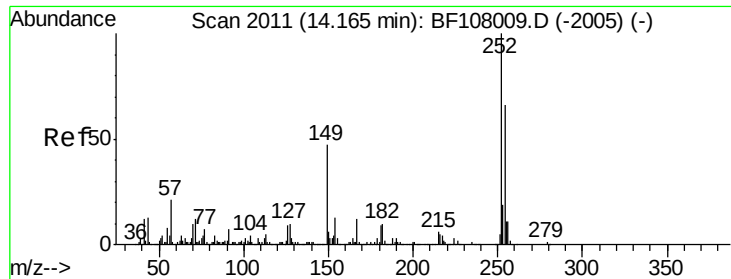
Tgt Ion:149 Resp: 952113
Ion Ratio Lower Upper
149 100
91 73.1 56.8 85.2
206 21.6 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 47.907 ng
RT: 14.21 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion:228 Resp: 1819810
Ion Ratio Lower Upper
228 100
226 29.7 22.6 33.8
229 21.2 15.8 23.6

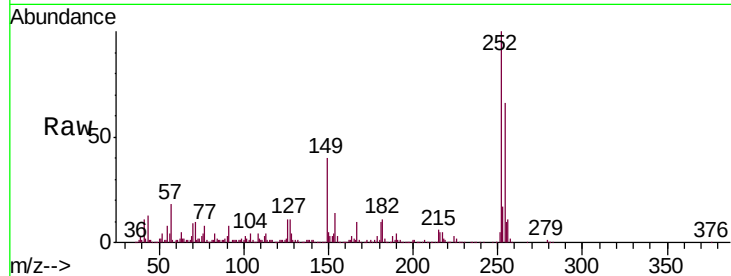




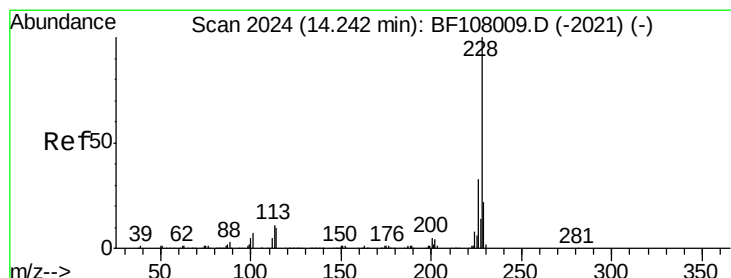
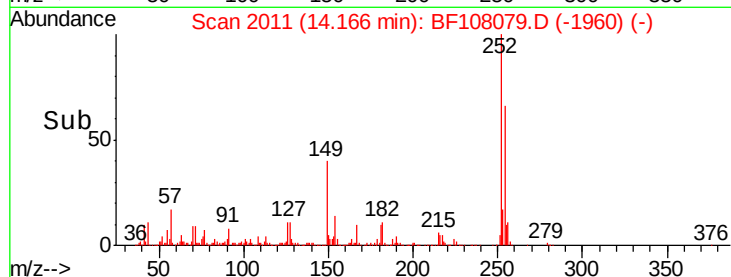
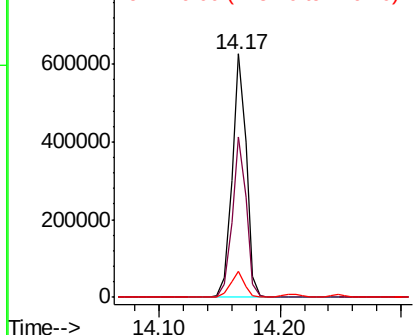
#81
 3,3'-Dichlorobenzidine
 Concen: 37.637 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Tgt Ion:252 Resp: 512370
 Ion Ratio Lower Upper
 252 100
 254 66.0 50.4 75.6
 126 10.7 11.3 16.9#

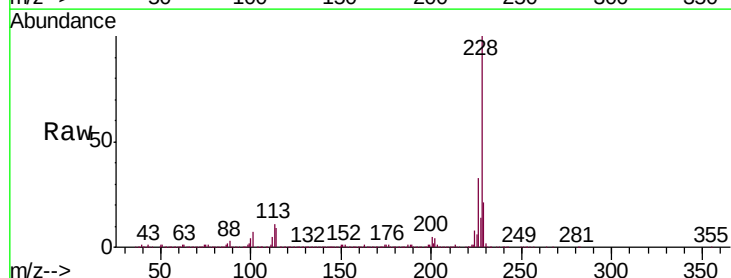


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

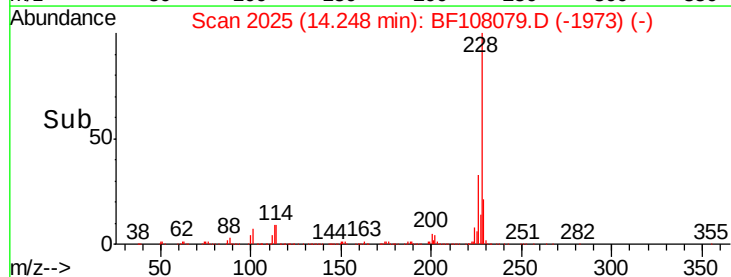
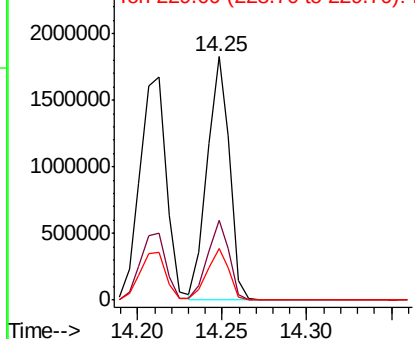


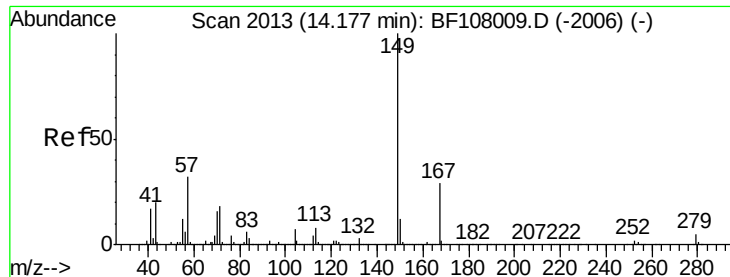
#82
 Chrysene
 Concen: 48.090 ng
 RT: 14.25 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Tgt Ion:228 Resp: 1674769
 Ion Ratio Lower Upper
 228 100
 226 32.8 25.0 37.6
 229 21.4 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.774 ng

RT: 14.18 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

ClientSampleId :

PB111926BS

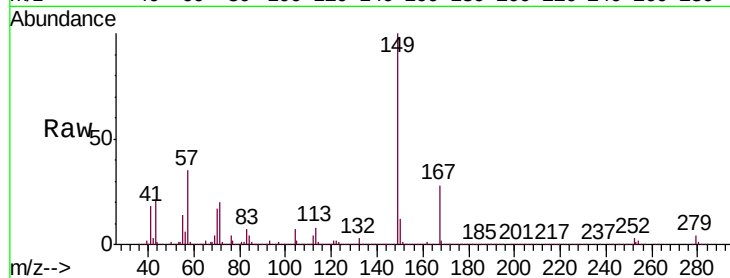
Tgt Ion:149 Resp: 1279318

Ion Ratio Lower Upper

149 100

167 28.2 21.3 31.9

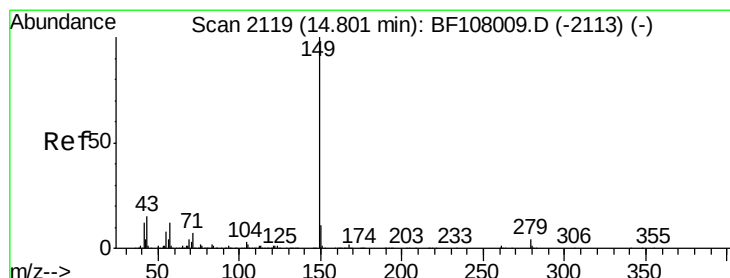
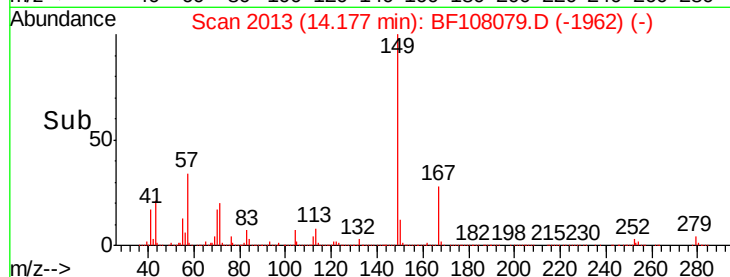
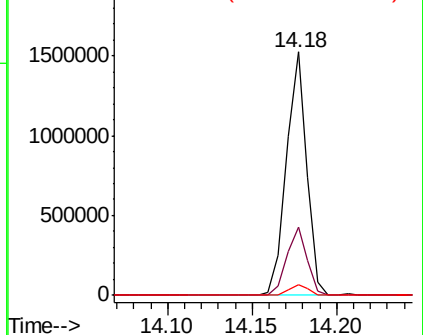
279 4.2 3.0 4.4



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: 57.434 ng

RT: 14.81 min Scan# 2120

Delta R.T. 0.01 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

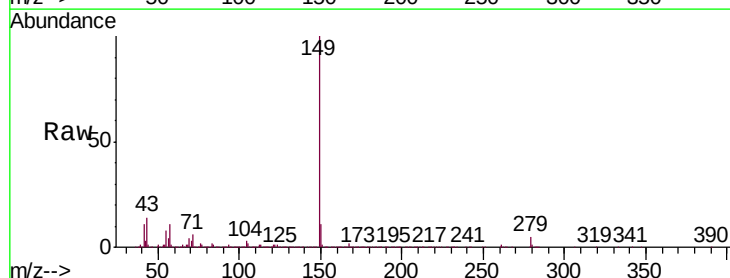
Tgt Ion:149 Resp: 1973769

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

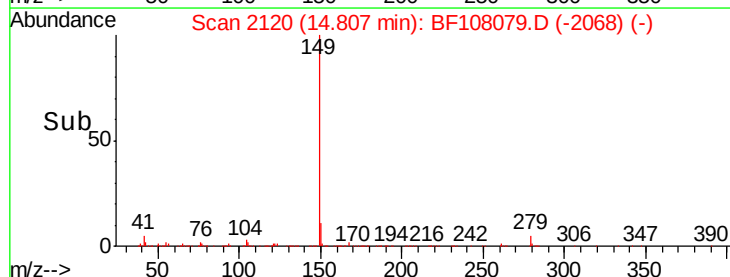
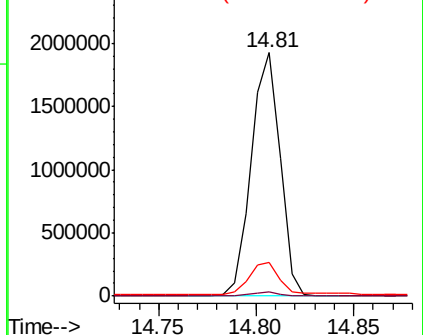
43 13.8 8.4 12.6#

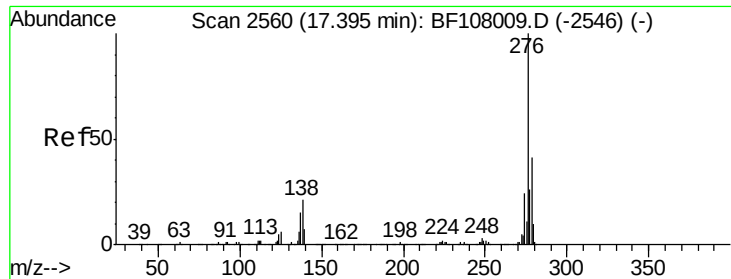


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

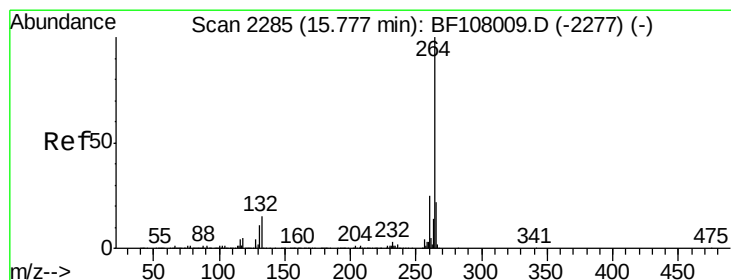
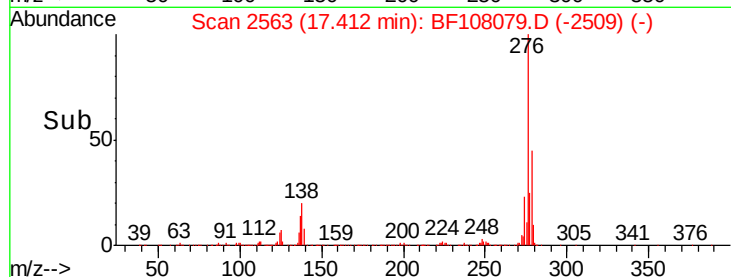
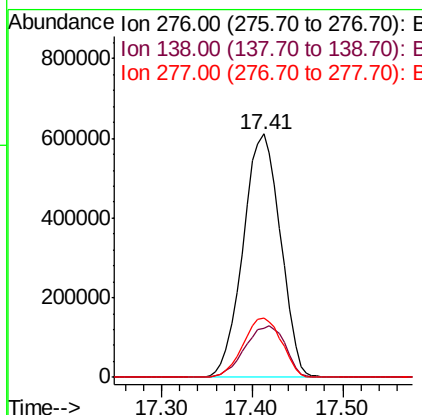
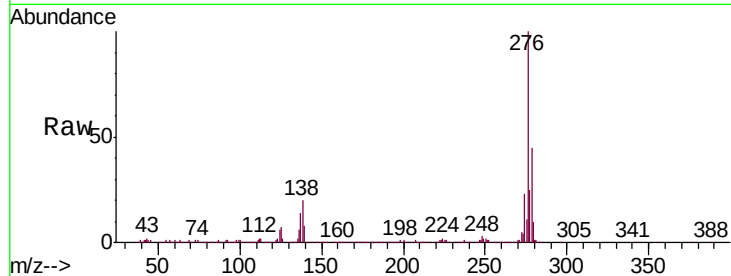




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.941 ng
 RT: 17.41 min Scan# 2563
 Delta R.T. 0.02 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

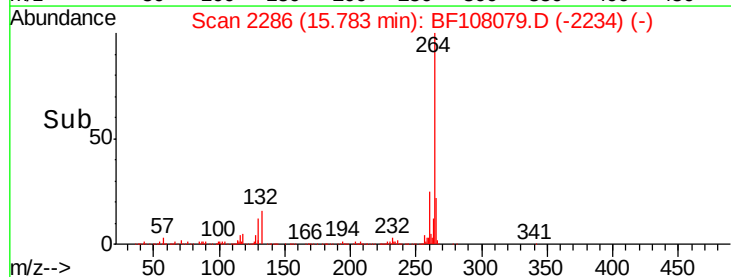
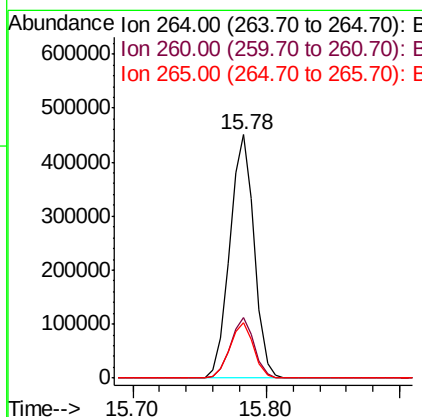
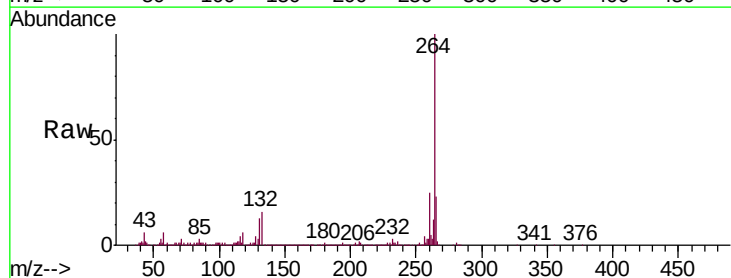
Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

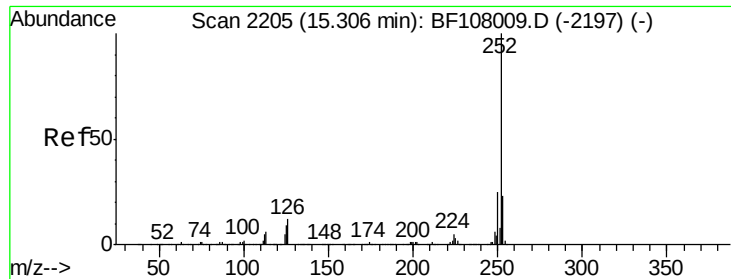
Tgt Ion:276 Resp: 1748366
 Ion Ratio Lower Upper
 276 100
 138 23.0 25.0 37.6#
 277 25.2 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.78 min Scan# 2286
 Delta R.T. 0.01 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Tgt Ion:264 Resp: 574957
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 22.5 17.5 26.3

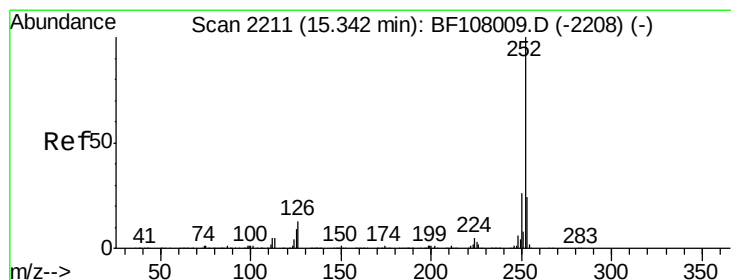
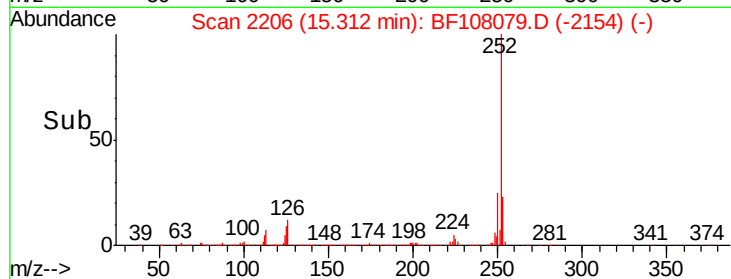
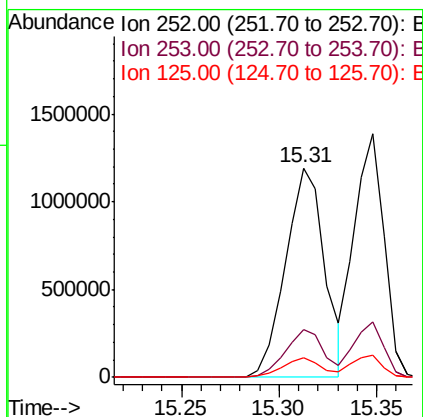
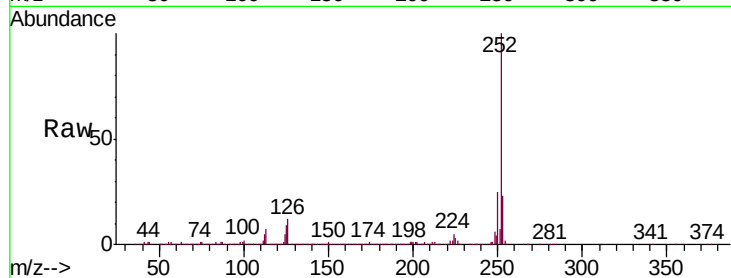




#87
Benzo(b)fluoranthene
Concen: 48.240 ng
RT: 15.31 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

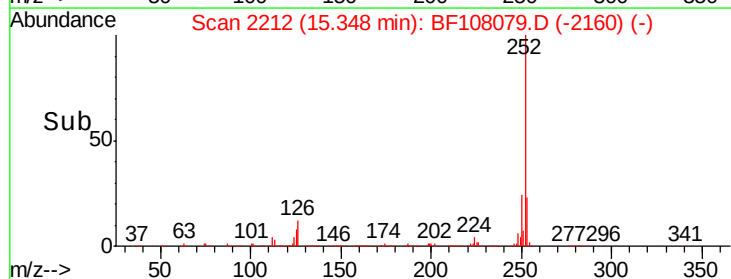
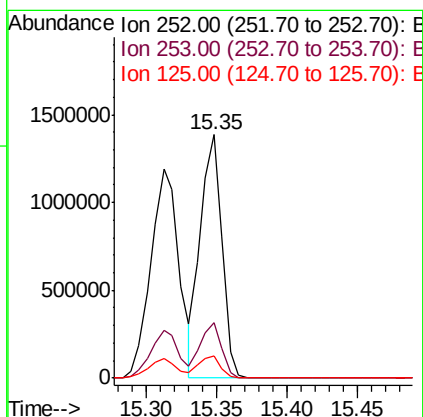
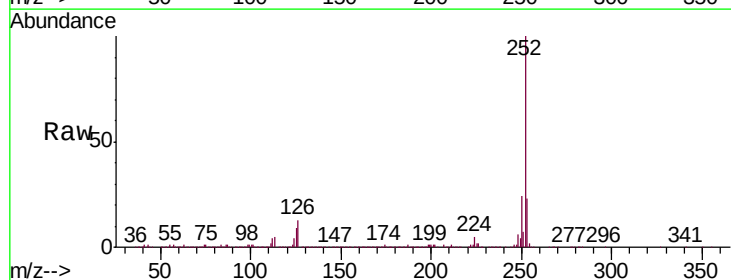
Instrument :
BNA_F
ClientSampleId :
PB111926BS

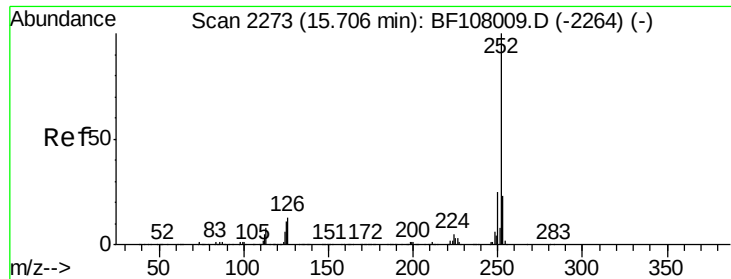
Tgt Ion:252 Resp: 1657336
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 9.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 46.568 ng
RT: 15.35 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion:252 Resp: 1470692
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 8.9 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 48.518 ng

RT: 15.72 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

ClientSampleId :

PB111926BS

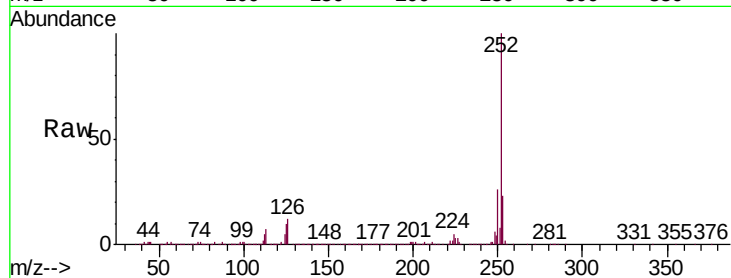
Tgt Ion:252 Resp: 1492653

Ion Ratio Lower Upper

252 100

253 23.1 17.1 25.7

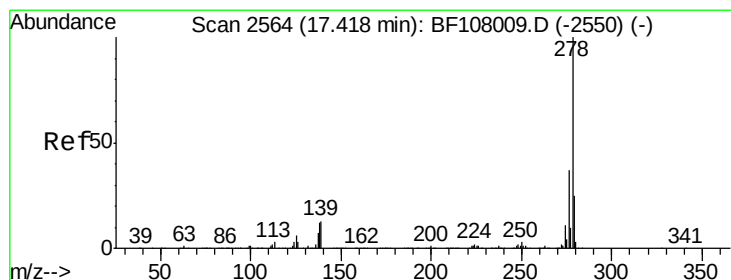
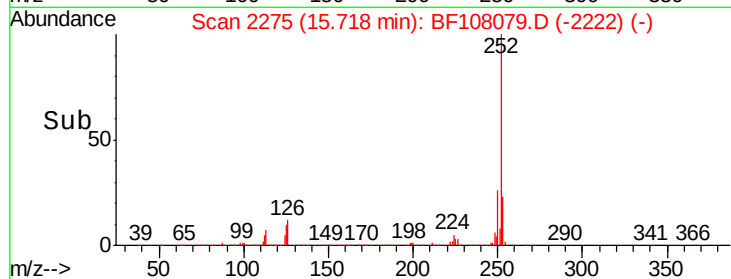
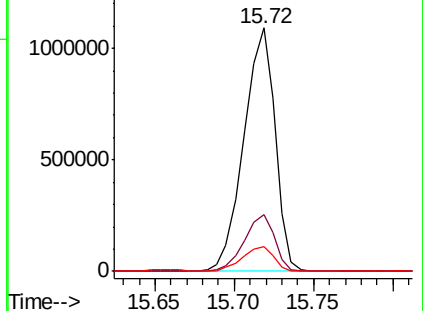
125 9.9 9.8 14.6



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: 57.259 ng

RT: 17.43 min Scan# 2566

Delta R.T. 0.01 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

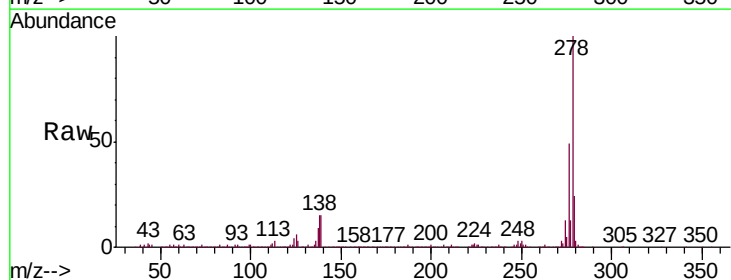
Tgt Ion:278 Resp: 1457517

Ion Ratio Lower Upper

278 100

139 15.5 15.9 23.9#

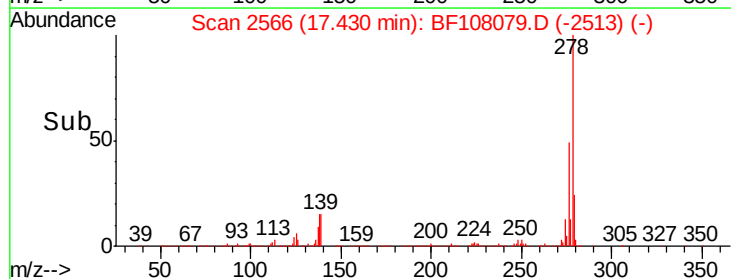
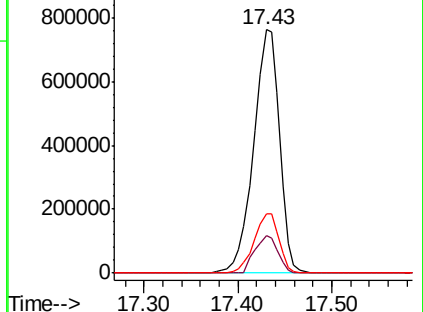
279 24.2 19.0 28.4

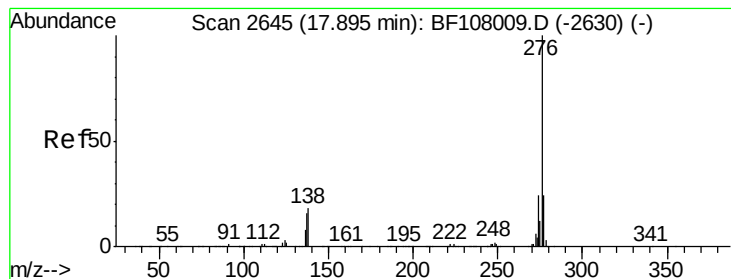


Abundance Ion 278.00 (277.70 to 278.70): E

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: 59.149 ng

RT: 17.91 min Scan# 2648

Delta R.T. 0.02 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

ClientSampleId :

PB111926BS

Tgt Ion:276 Resp: 1482583

Ion Ratio Lower Upper

276 100

277 23.2 17.9 26.9

138 19.6 21.8 32.8#

