

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082018\
 Data File : BF108309.D
 Acq On : 20 Aug 2018 23:55
 Operator : JU/SJ
 Sample : J4501-05MSRE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MS

Quant Time: Aug 21 00:55:29 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	168412	20.00	ng	0.00
21) Naphthalene-d8	8.31	136	567772	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	240823	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	438421	20.00	ng	0.00
75) Chrysene-d12	14.22	240	283607	20.00	ng	0.00
86) Perylene-d12	15.78	264	227675	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	1221826	131.35	ng	0.03
7) Phenol-d6	6.65	99	1584559	128.19	ng	0.02
23) Nitrobenzene-d5	7.59	82	998635	98.15	ng	0.01
41) 2,4,6-Tribromophenol	10.87	330	332988	138.62	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1609431	107.29	ng	0.00
78) Terphenyl-d14	13.15	244	1435489	128.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.99	88	146949	30.744	ng	91
3) Pyridine	3.76	79	411837	33.448	ng	86
4) n-Nitrosodimethylamine	3.71	42	252013	36.374	ng	# 84
6) Aniline	6.69	93	547665	32.572	ng	99
8) 2-Chlorophenol	6.81	128	416670	39.771	ng	99
9) Benzaldehyde	6.58	77	253761	26.478	ng	100
10) Phenol	6.67	94	555424	43.439	ng	89
11) bis(2-Chloroethyl)ether	6.75	93	414180	40.067	ng	94
12) 1,3-Dichlorobenzene	6.97	146	466977	38.549	ng	99
13) 1,4-Dichlorobenzene	7.04	146	471719	38.757	ng	96
14) 1,2-Dichlorobenzene	7.20	146	435516	38.469	ng	97
15) Benzyl Alcohol	7.16	79	391727	37.643	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	739257	34.714	ng	98
17) 2-Methylphenol	7.27	107	340738	37.925	ng	95
18) Hexachloroethane	7.53	117	120744	27.866	ng	95
19) n-Nitroso-di-n-propylamine	7.43	70	307212	36.752	ng	92
20) 3+4-Methylphenols	7.42	107	436325	37.897	ng	# 86
22) Acetophenone	7.43	105	587280	44.236	ng	# 94
24) Nitrobenzene	7.61	77	441448	42.905	ng	97
25) Isophorone	7.84	82	805414	41.530	ng	99
26) 2-Nitrophenol	7.92	139	121701	31.321	ng	97
27) 2,4-Dimethylphenol	7.95	122	363748	42.260	ng	98
28) bis(2-Chloroethoxy)methane	8.04	93	497665	43.957	ng	99
29) 2,4-Dichlorophenol	8.16	162	336231	42.447	ng	97
30) 1,2,4-Trichlorobenzene	8.24	180	363921	41.670	ng	99
31) Naphthalene	8.33	128	1107081	42.875	ng	100
32) Benzoic acid	8.01	122	23547	10.102	ng	94
33) 4-Chloroaniline	8.37	127	413579	36.754	ng	98
34) Hexachlorobutadiene	8.44	225	239018	43.232	ng	99
35) Caprolactam	8.74	113	90624	36.508	ng	# 85
36) 4-Chloro-3-methylphenol	8.85	107	329041	38.506	ng	98
37) 2-Methylnaphthalene	9.02	142	725157	39.694	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	354962	47.998	ng	# 97
40) Hexachlorocyclopentadiene	9.17	237	38944	8.153	ng	100

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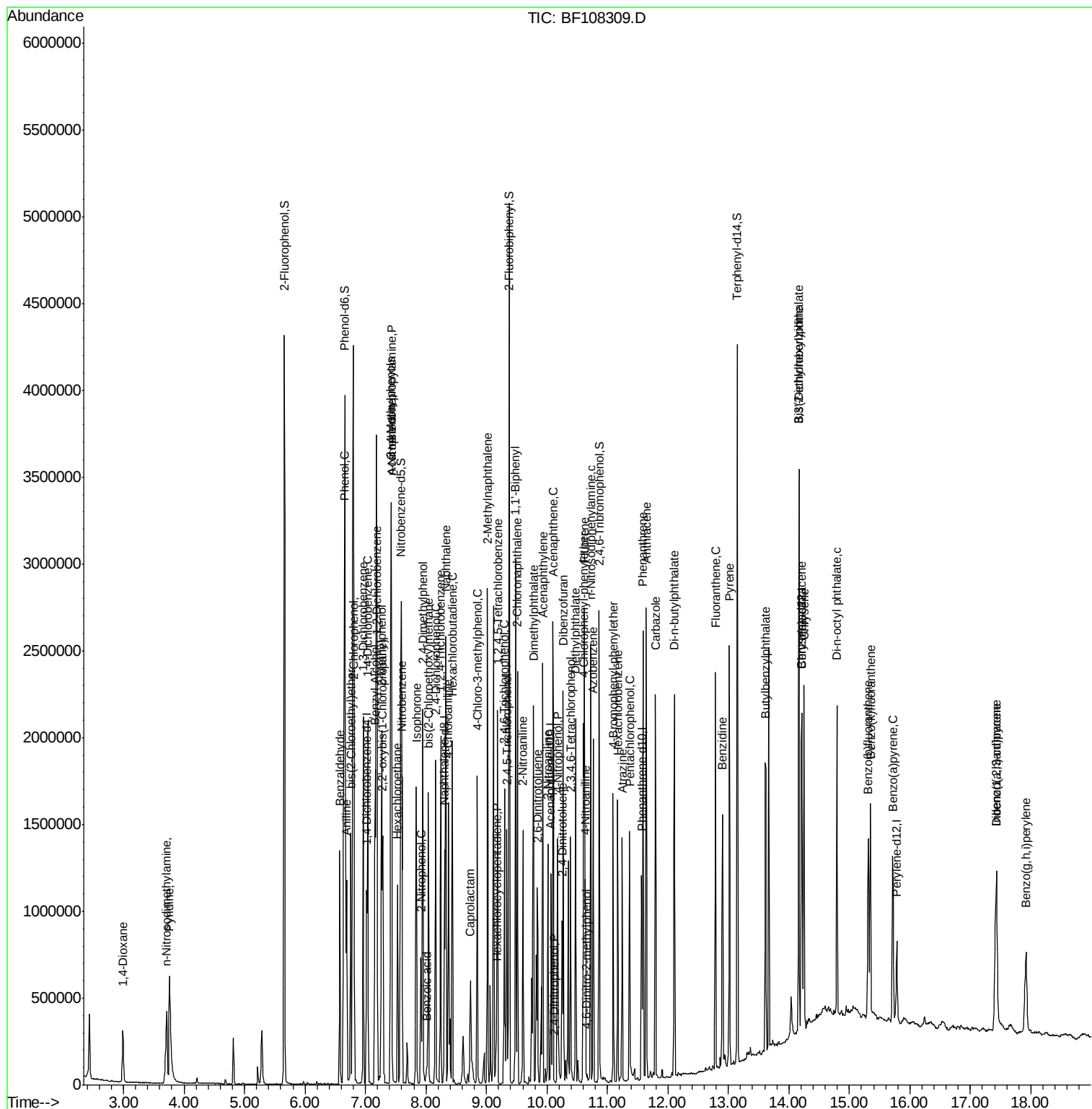
Instrument :
 BNA_F
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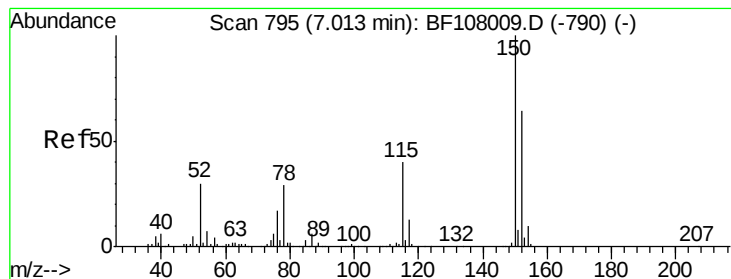
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	220561	48.060	ng	99
43) 2,4,5-Trichlorophenol	9.34	196	228091	45.149	ng	96
45) 1,1'-Biphenyl	9.48	154	854133	48.104	ng	98
46) 2-Chloronaphthalene	9.51	162	640321	45.628	ng	97
47) 2-Nitroaniline	9.61	65	236543	52.094	ng	89
48) Acenaphthylene	9.93	152	974279	43.914	ng	99
49) Dimethylphthalate	9.78	163	926435	55.226	ng #	99
50) 2,6-Dinitrotoluene	9.84	165	131769	37.544	ng	90
51) Acenaphthene	10.10	154	561689	41.335	ng	99
52) 3-Nitroaniline	10.02	138	192451	50.116	ng	93
53) 2,4-Dinitrophenol	10.12	184	2427	8.706	ng #	33
54) Dibenzofuran	10.27	168	843230	42.831	ng	96
55) 4-Nitrophenol	10.18	139	211316	72.669	ng	88
56) 2,4-Dinitrotoluene	10.25	165	156431	34.626	ng #	96
57) Fluorene	10.62	166	652868	41.891	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	175187	41.489	ng #	87
59) Diethylphthalate	10.48	149	727749	44.801	ng	96
60) 4-Chlorophenyl-phenylether	10.61	204	343535	42.303	ng	89
61) 4-Nitroaniline	10.64	138	192974	50.828	ng	92
62) Azobenzene	10.77	77	658908	39.277	ng	93
64) 4,6-Dinitro-2-methylphenol	10.67	198	5178	8.153	ng	89
65) n-Nitrosodiphenylamine	10.72	169	602650	46.516	ng	96
66) 4-Bromophenyl-phenylether	11.10	248	212931	44.691	ng #	84
67) Hexachlorobenzene	11.17	284	213912	42.672	ng #	87
68) Atrazine	11.25	200	178892	41.168	ng	95
69) Pentachlorophenol	11.37	266	176441	73.535	ng	99
70) Phenanthrene	11.59	178	906954	43.859	ng	99
71) Anthracene	11.64	178	917039	43.268	ng	100
72) Carbazole	11.79	167	826962	43.916	ng	99
73) Di-n-butylphthalate	12.11	149	1012571	47.474	ng	99
74) Fluoranthene	12.78	202	946254	41.928	ng	96
76) Benzidine	12.90	184	664403	62.702	ng	98
77) Pyrene	13.02	202	923472	51.432	ng	99
79) Butylbenzylphthalate	13.62	149	391385	54.895	ng #	94
80) Benzo(a)anthracene	14.21	228	706951	43.435	ng	99
81) 3,3'-Dichlorobenzidine	14.17	252	275035	47.152	ng #	96
82) Chrysene	14.25	228	656682	44.008	ng	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	510612	52.886	ng	100
84) Di-n-octyl phthalate	14.79	149	794236	53.939	ng	96
85) Indeno(1,2,3-cd)pyrene	17.42	276	559700	43.290	ng #	89
87) Benzo(b)fluoranthene	15.31	252	580492	42.669	ng	98
88) Benzo(k)fluoranthene	15.35	252	533973	42.698	ng #	96
89) Benzo(a)pyrene	15.72	252	516745	42.417	ng	97
90) Dibenzo(a,h)anthracene	17.44	278	466735	46.304	ng #	92
91) Benzo(g,h,i)perylene	17.92	276	445504	44.885	ng #	89

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

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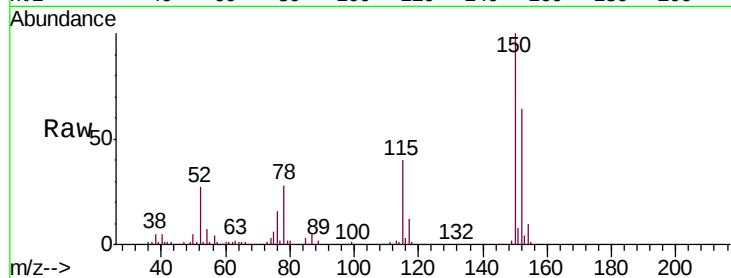


#1

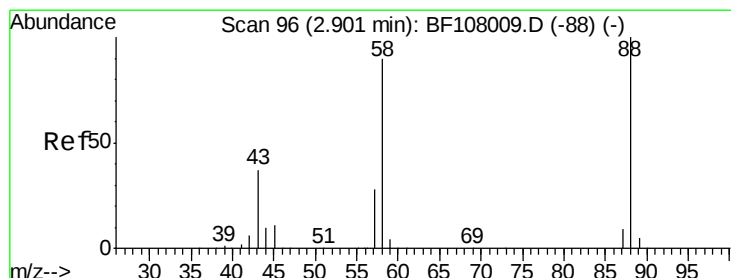
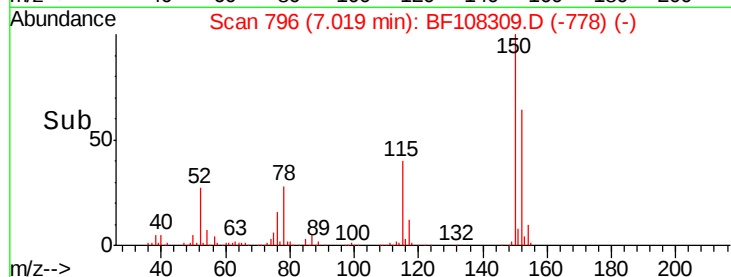
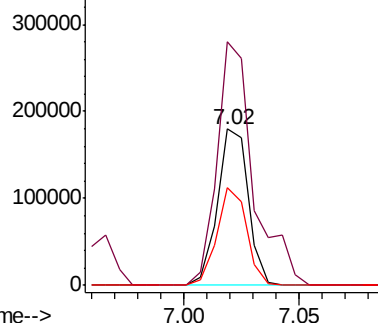
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tgt Ion:152 Resp: 168412
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 62.2 50.1 75.1



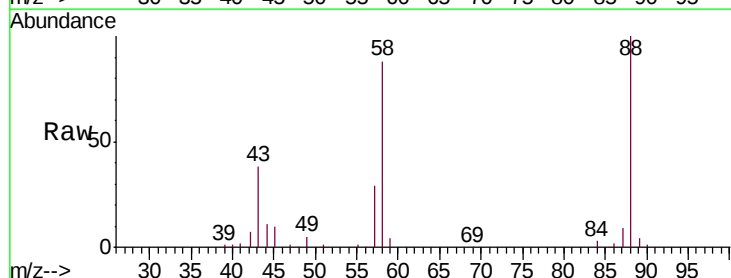
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



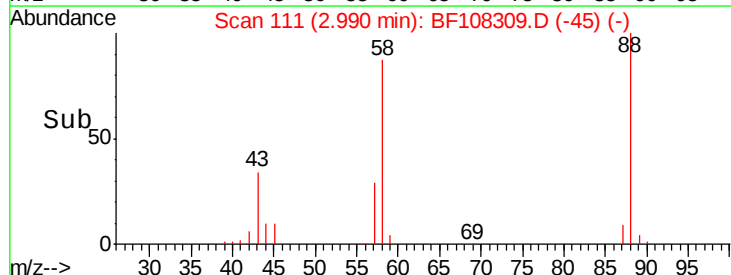
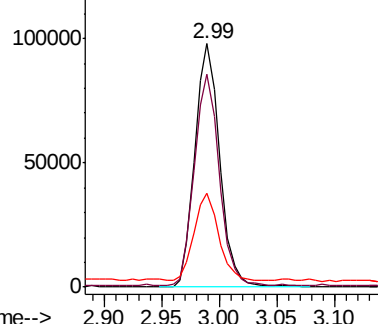
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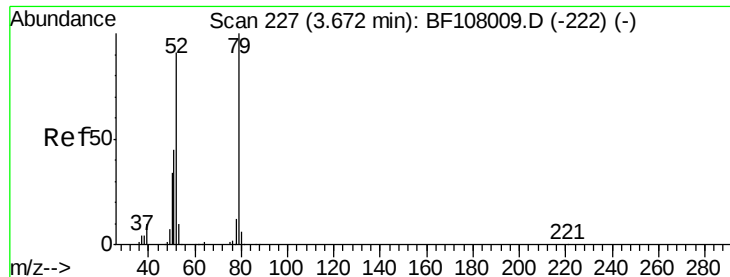
1,4-Dioxane
Concen: 30.744 ng
RT: 2.99 min Scan# 111
Delta R.T. 0.09 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

Tgt Ion: 88 Resp: 146949
Ion Ratio Lower Upper
88 100
58 86.3 62.6 93.8
43 35.0 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: 33.448 ng

RT: 3.76 min Scan# 242

Delta R.T. 0.09 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

Instrument :

BNA_F

ClientSampleId :

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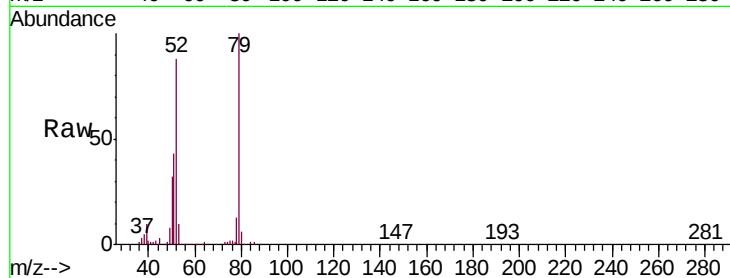
Tgt Ion: 79 Resp: 411837

Ion Ratio Lower Upper

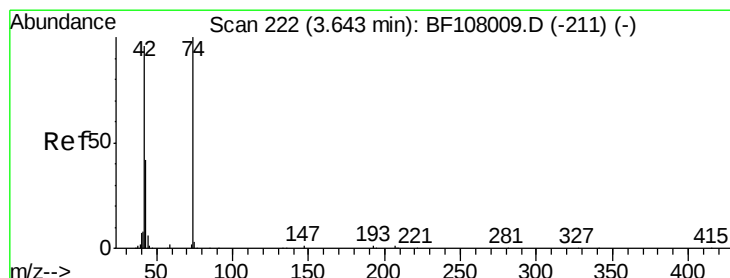
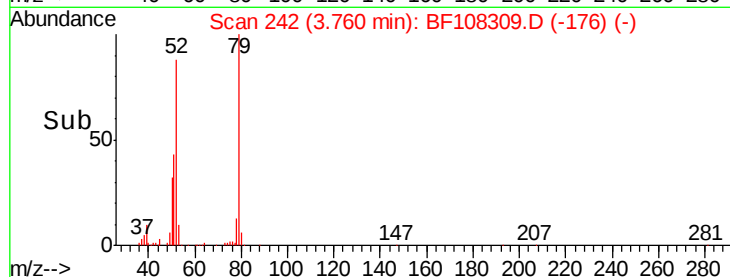
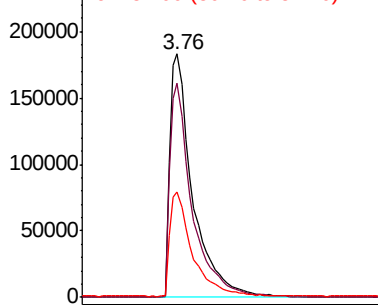
79 100

52 87.8 59.8 89.6

51 43.3 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: 36.374 ng

RT: 3.71 min Scan# 234

Delta R.T. 0.07 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

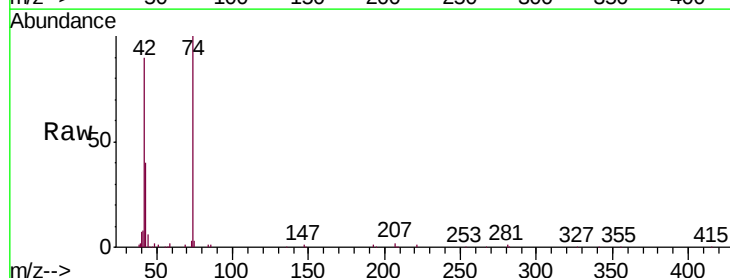
Tgt Ion: 42 Resp: 252013

Ion Ratio Lower Upper

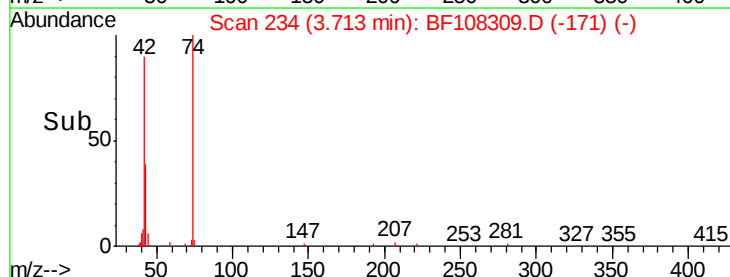
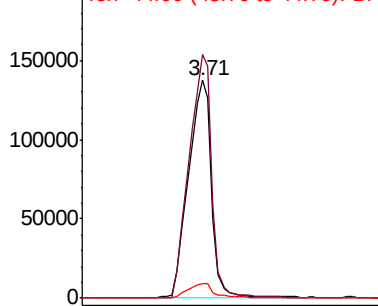
42 100

74 111.7 104.9 157.3

44 6.7 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: 131.348 ng

RT: 5.66 min Scan# 565

Delta R.T. 0.03 min

Lab File: BF108309.D

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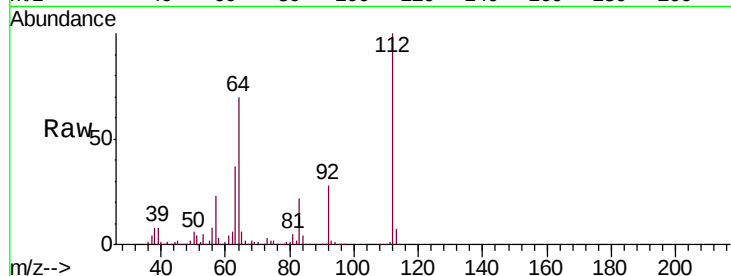
Tgt Ion:112 Resp: 1221826

Ion Ratio Lower Upper

112 100

64 70.2 47.9 71.9

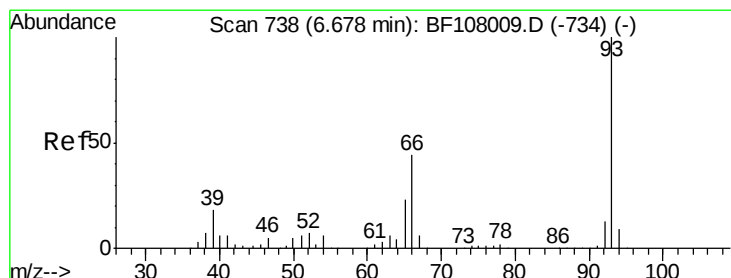
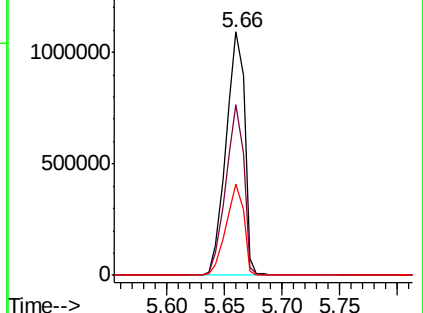
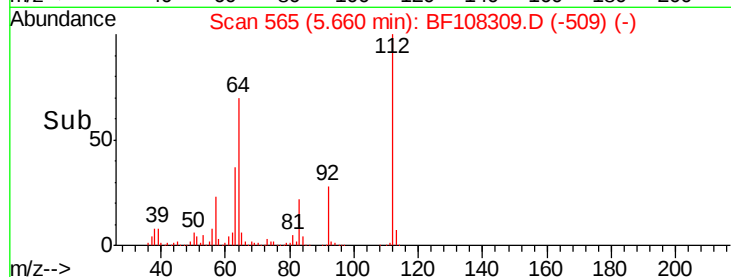
63 37.4 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.572 ng

RT: 6.69 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

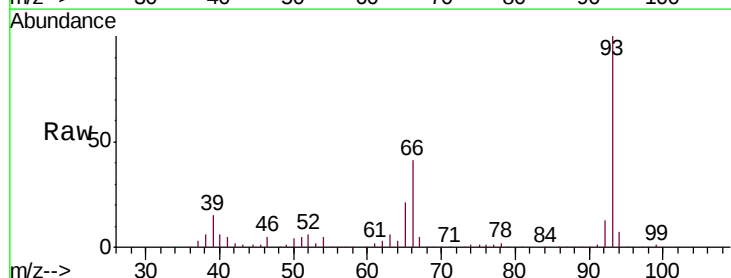
Tgt Ion: 93 Resp: 547665

Ion Ratio Lower Upper

93 100

66 40.8 32.2 48.2

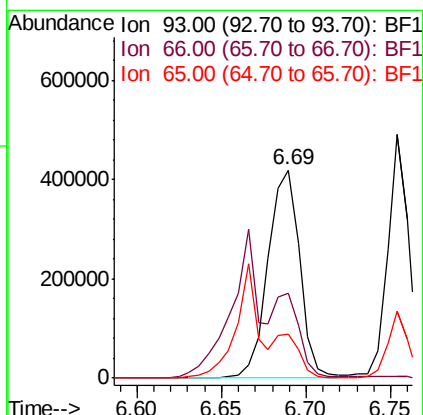
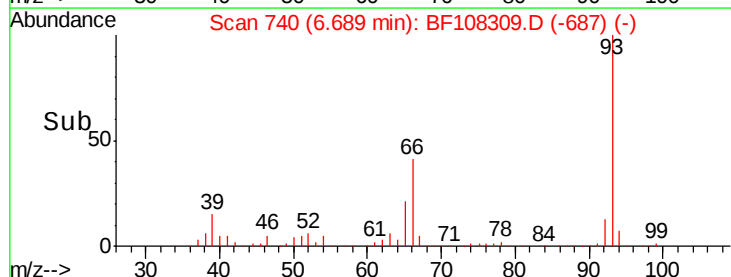
65 21.2 16.4 24.6

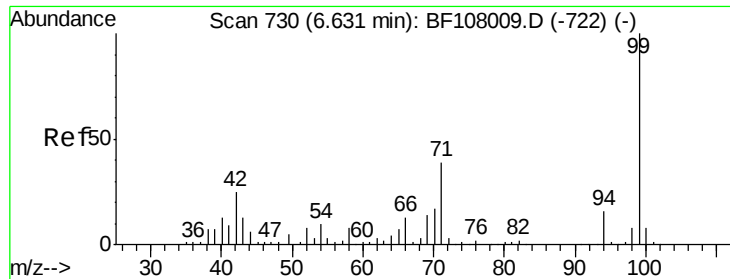


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 128.186 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.02 min

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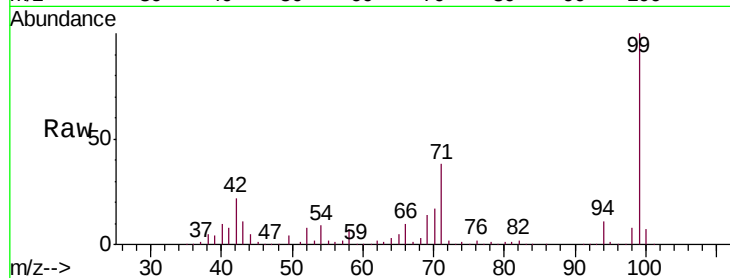
Tgt Ion: 99 Resp: 1584559

Ion Ratio Lower Upper

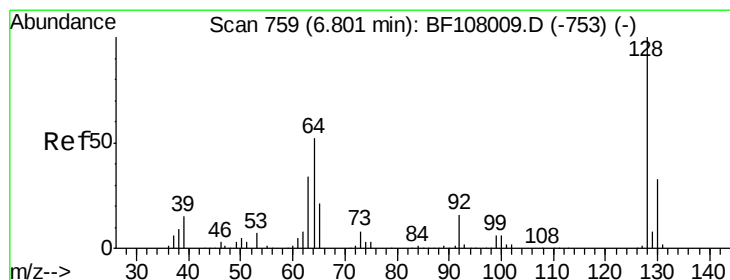
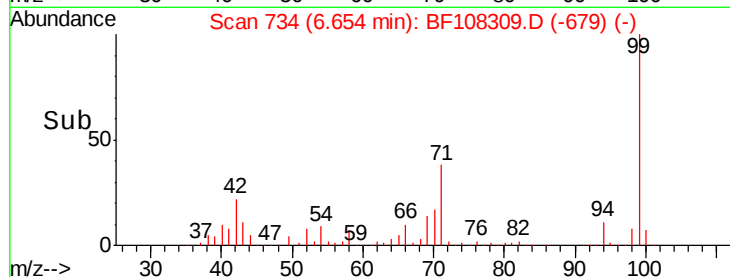
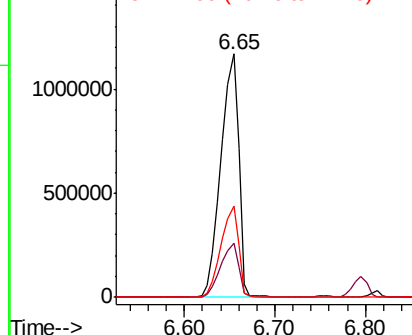
99 100

42 22.3 14.5 21.7#

71 37.6 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: 39.771 ng

RT: 6.81 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

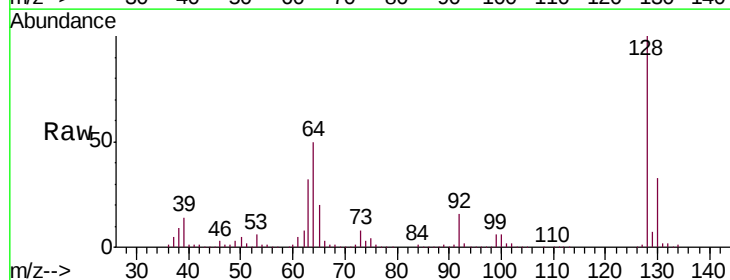
Tgt Ion: 128 Resp: 416670

Ion Ratio Lower Upper

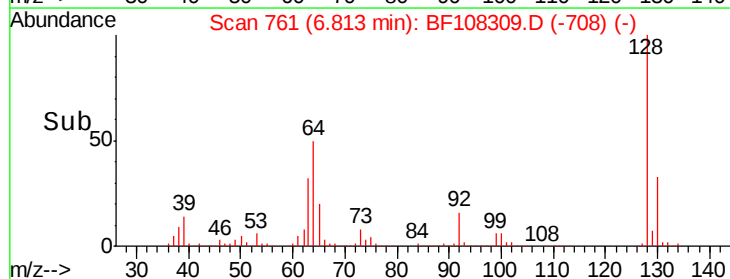
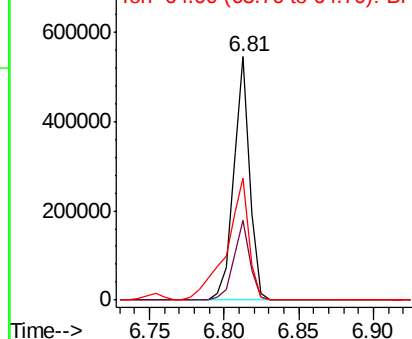
128 100

130 32.9 13.0 53.0

64 50.3 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: 26.478 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.01 min

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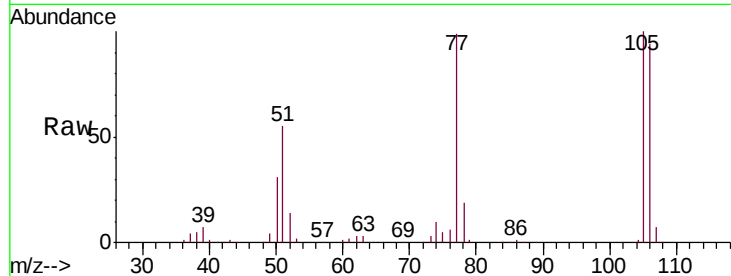
Tgt Ion: 77 Resp: 253761

Ion Ratio Lower Upper

77 100

105 101.3 81.1 121.1

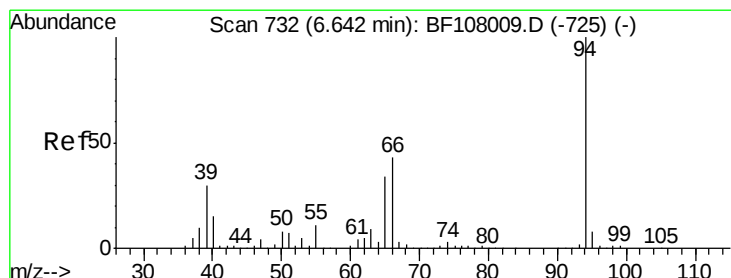
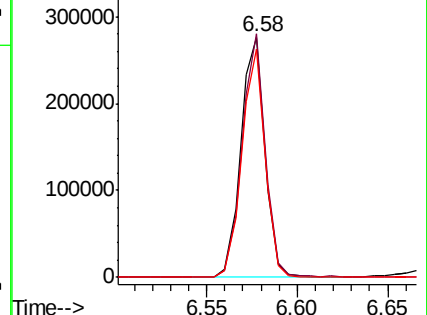
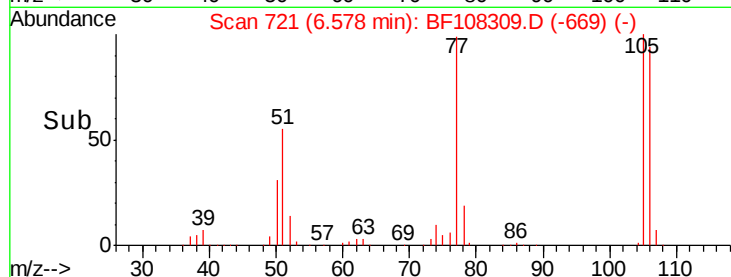
106 94.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.439 ng

RT: 6.67 min Scan# 736

Delta R.T. 0.02 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

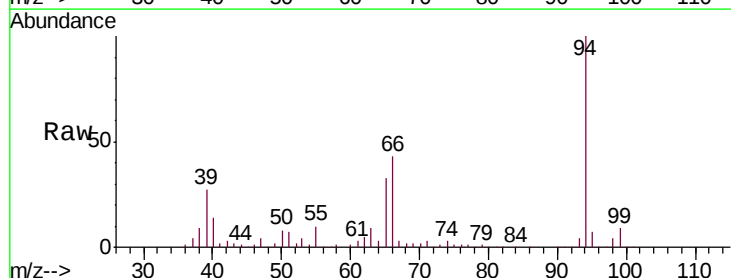
Tgt Ion: 94 Resp: 555424

Ion Ratio Lower Upper

94 100

65 33.1 7.9 47.9

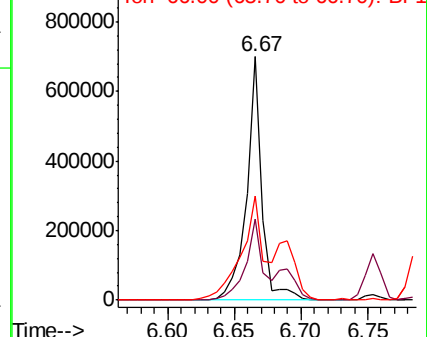
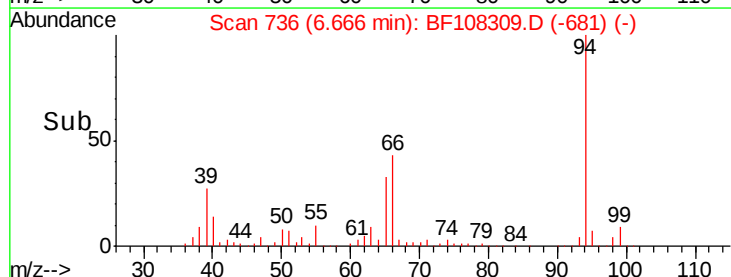
66 42.8 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.067 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MS

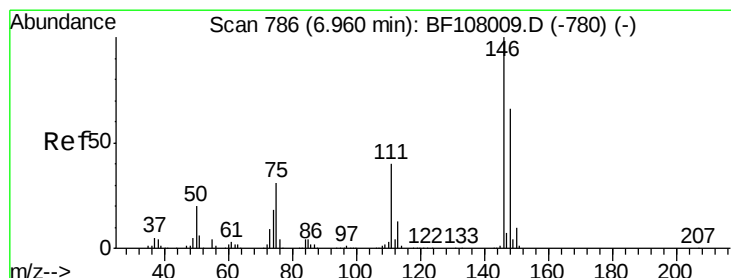
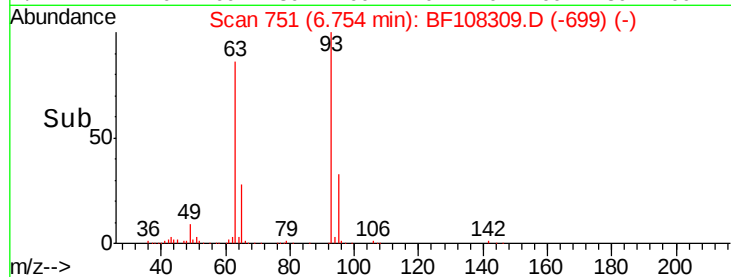
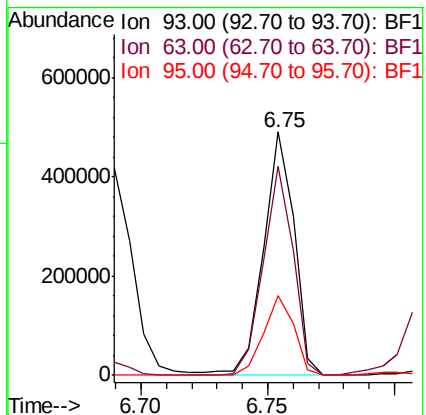
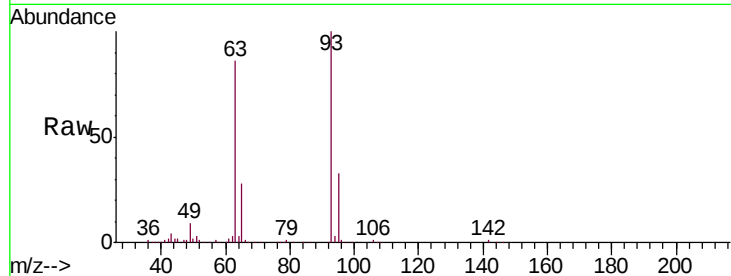
Tgt Ion: 93 Resp: 414180

Ion Ratio Lower Upper

93 100

63 85.7 58.6 98.6

95 32.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 38.549 ng

RT: 6.97 min Scan# 787

Delta R.T. 0.01 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

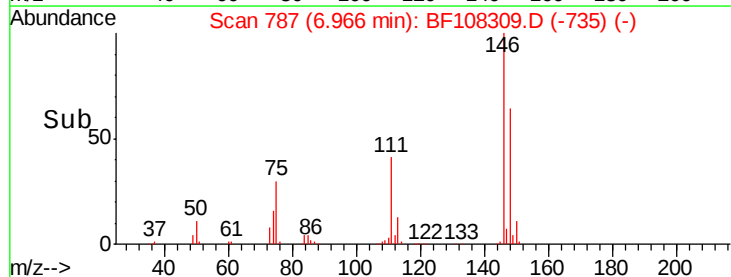
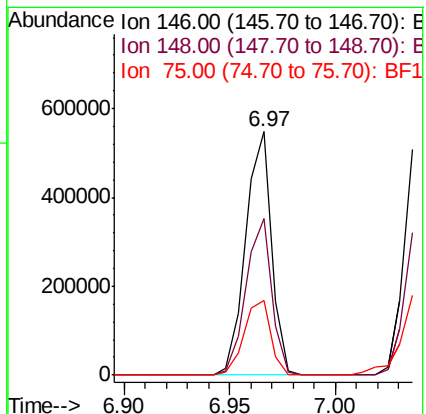
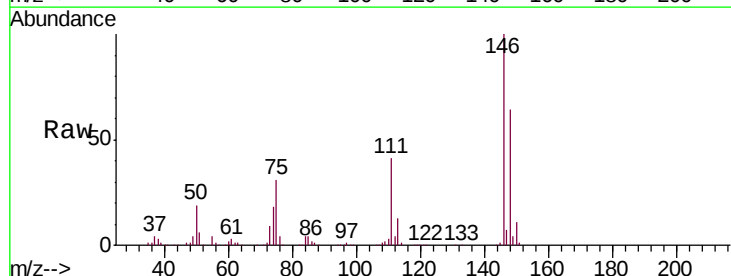
Tgt Ion: 146 Resp: 466977

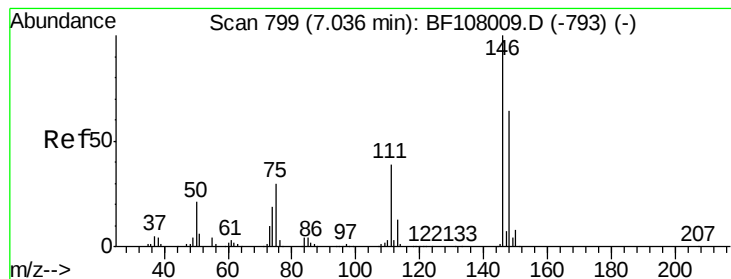
Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

75 30.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 38.757 ng

RT: 7.04 min Scan# 800

Delta R.T. 0.01 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MS

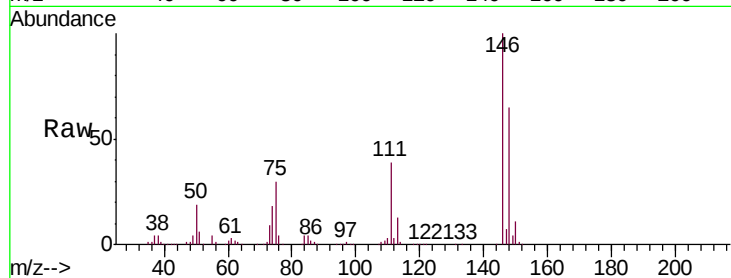
Tgt Ion:146 Resp: 471719

Ion Ratio Lower Upper

146 100

148 65.5 50.8 76.2

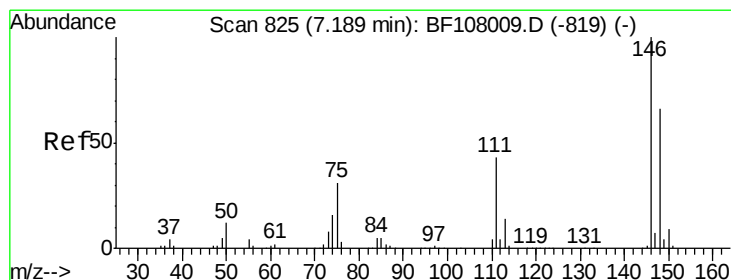
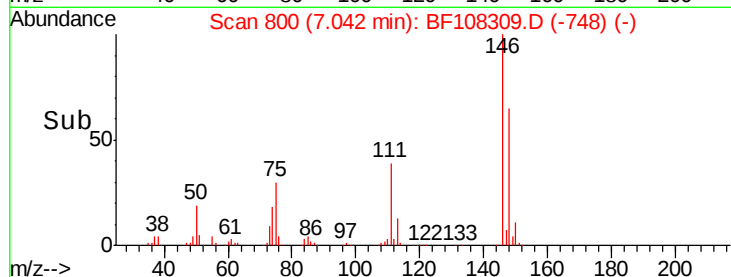
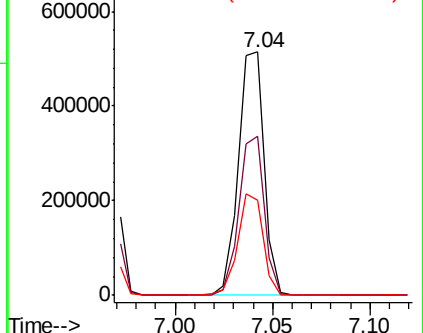
111 39.2 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.469 ng

RT: 7.20 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

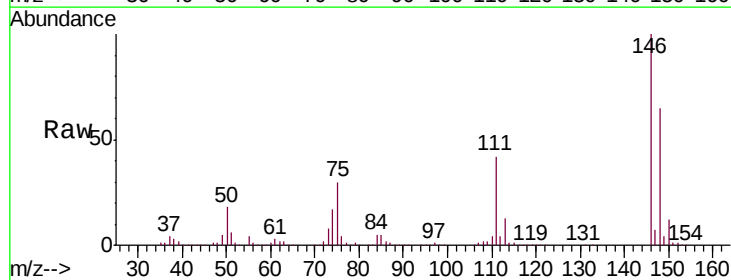
Tgt Ion:146 Resp: 435516

Ion Ratio Lower Upper

146 100

148 64.6 50.6 75.8

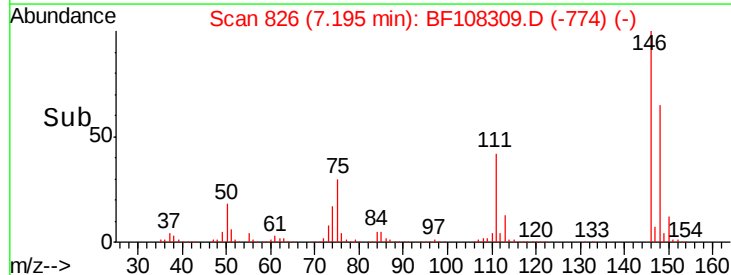
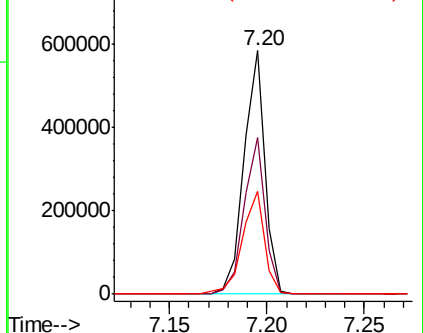
111 42.4 36.0 54.0

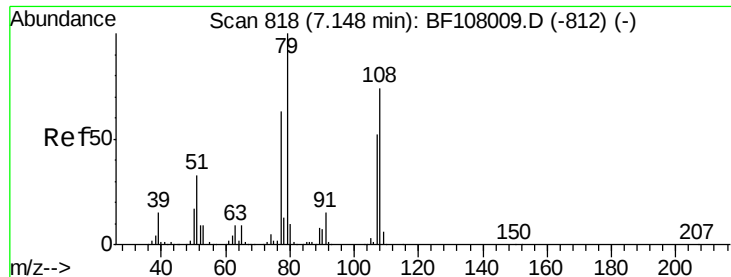


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.643 ng

RT: 7.16 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MS

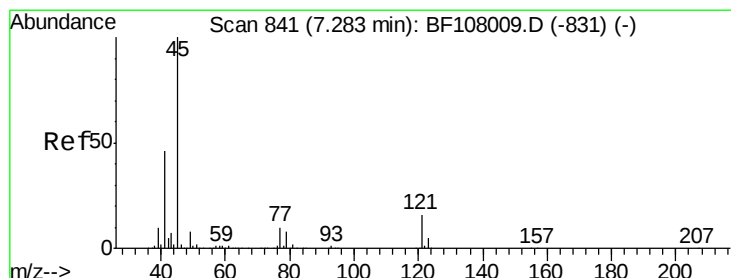
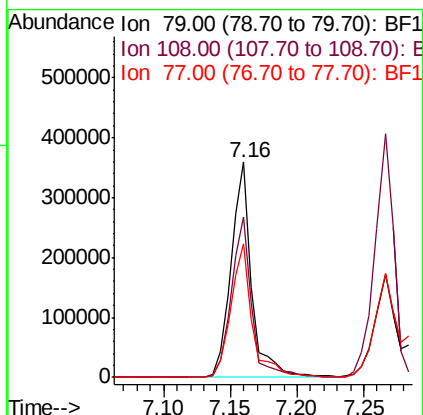
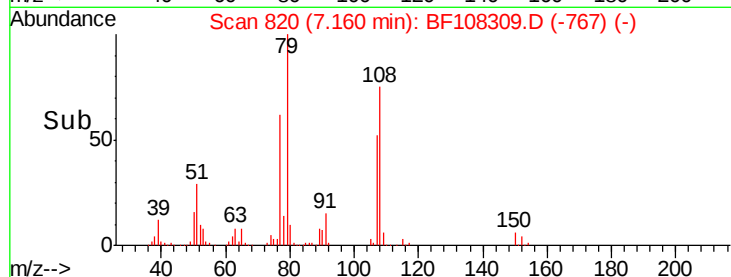
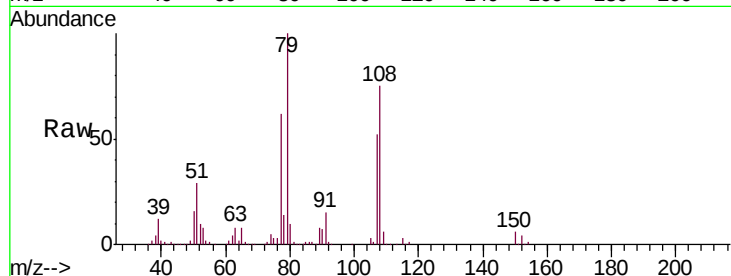
Tgt Ion: 79 Resp: 391727

Ion Ratio Lower Upper

79 100

108 74.8 65.1 97.7

77 62.4 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.714 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

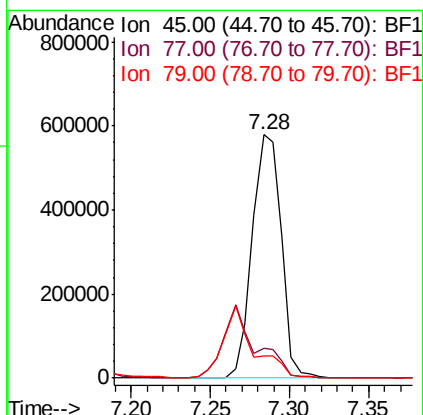
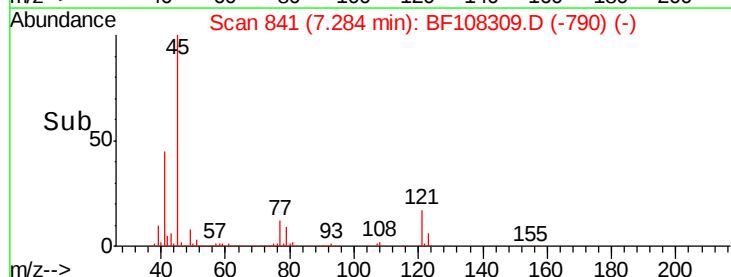
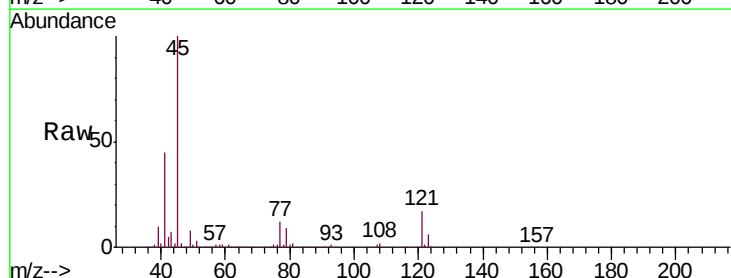
Tgt Ion: 45 Resp: 739257

Ion Ratio Lower Upper

45 100

77 12.1 0.0 32.9

79 9.2 0.0 29.6

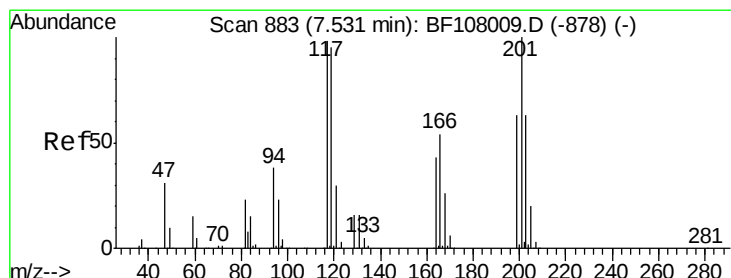
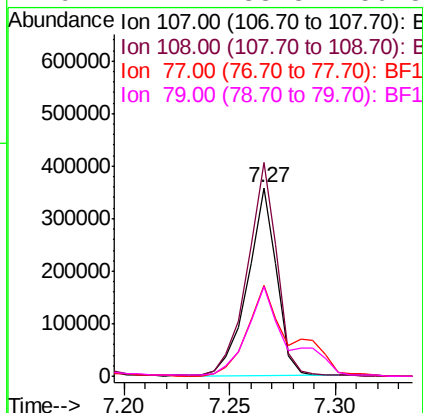
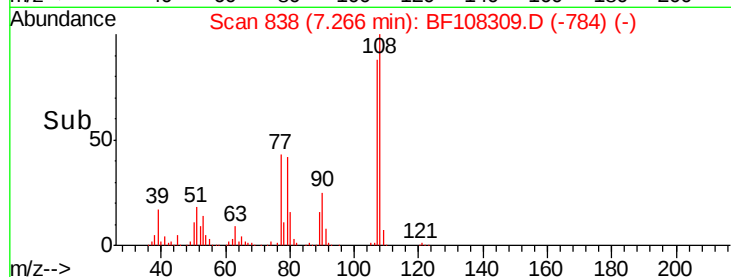
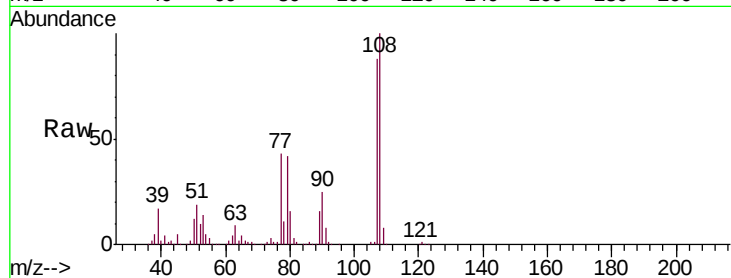




#17
2-Methylphenol
Concen: 37.925 ng
RT: 7.27 min Scan# 838
Delta R.T. 0.02 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

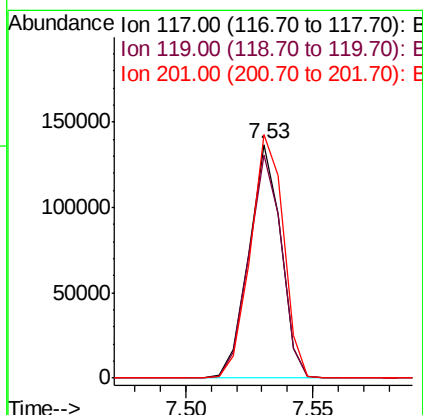
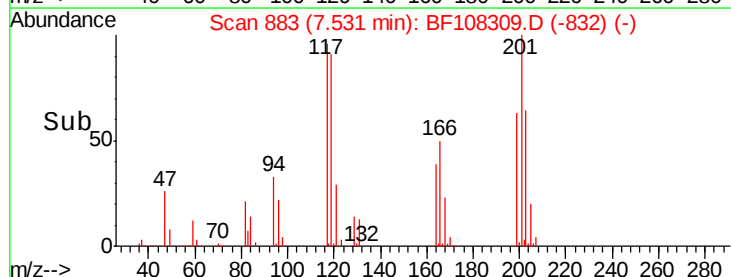
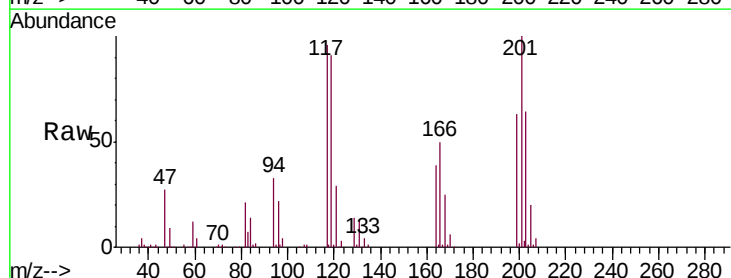
Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.3	91.7	137.5
77	48.5	33.8	50.8
79	47.7	33.8	50.8



#18
Hexachloroethane
Concen: 27.866 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.8	113.8
201	104.1	75.7	113.5

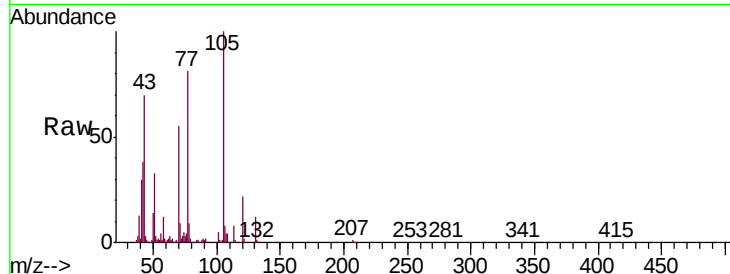




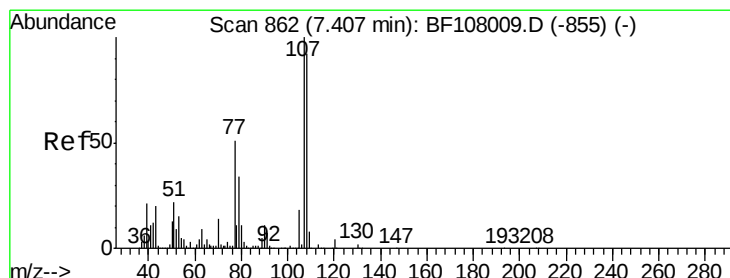
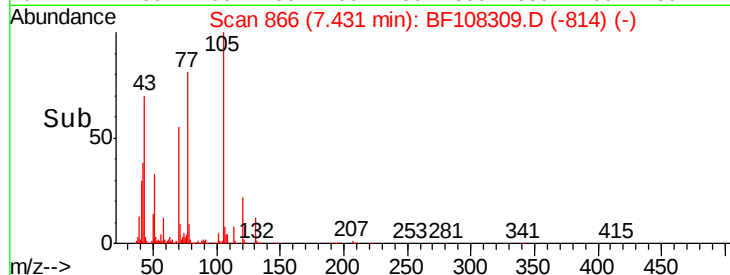
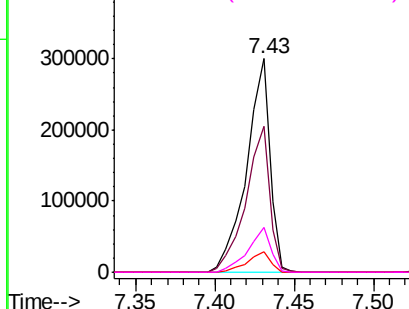
#19
n-Nitroso-di-n-propylamine
Concen: 36.752 ng
RT: 7.43 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tgt Ion:	70	Resp:	307212
Ion	Ratio	Lower	Upper
70	100		
42	68.0	47.5	71.3
101	9.6	7.4	11.2
130	20.8	16.6	25.0

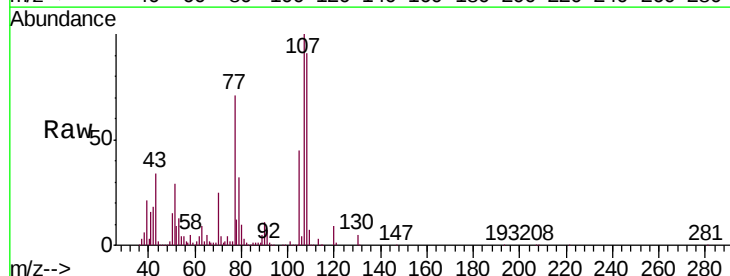


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

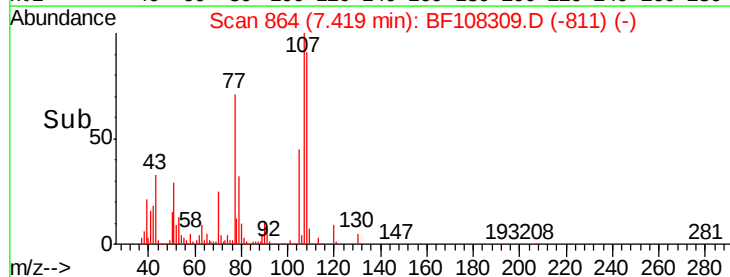
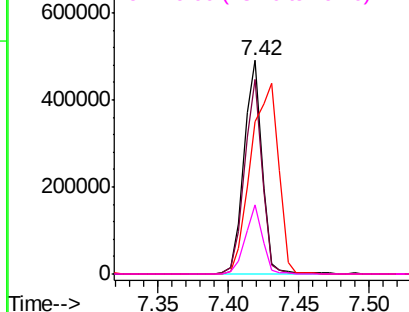


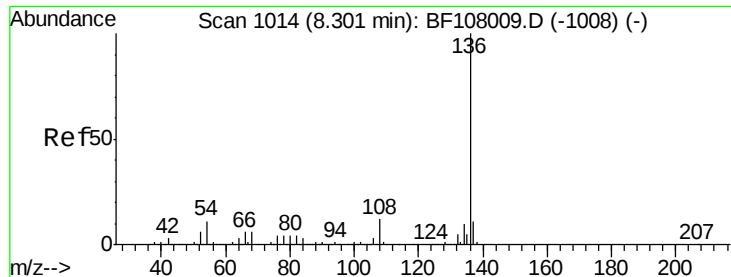
#20
3+4-Methylphenols
Concen: 37.897 ng
RT: 7.42 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

Tgt Ion:	107	Resp:	436325
Ion	Ratio	Lower	Upper
107	100		
108	91.0	68.2	108.2
77	71.3	26.7	66.7#
79	32.2	6.3	46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.31 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MS

Tgt Ion:136 Resp: 567772

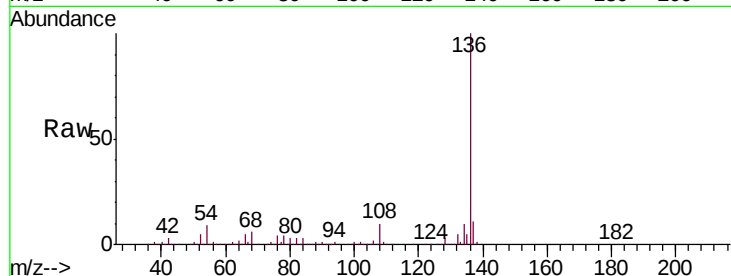
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.2 6.6 9.8

68 5.8 5.0 7.4

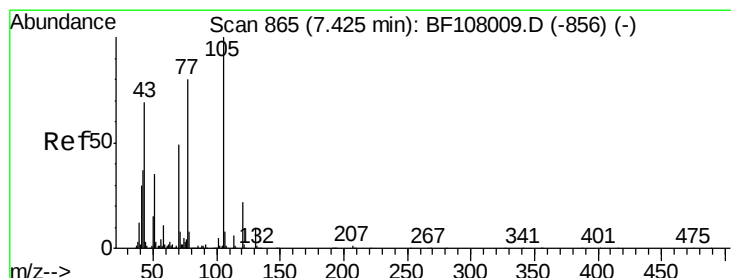
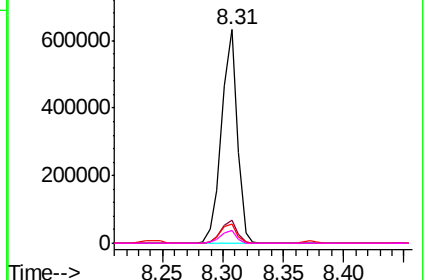
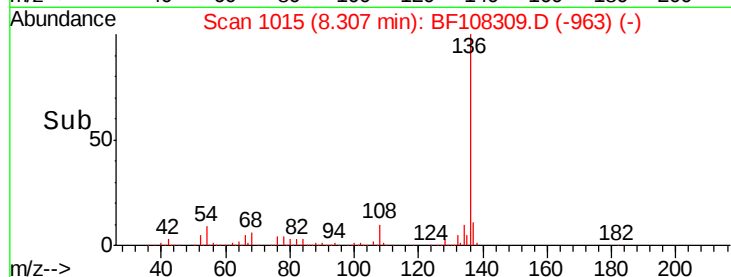


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.236 ng

RT: 7.43 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

Tgt Ion:105 Resp: 587280

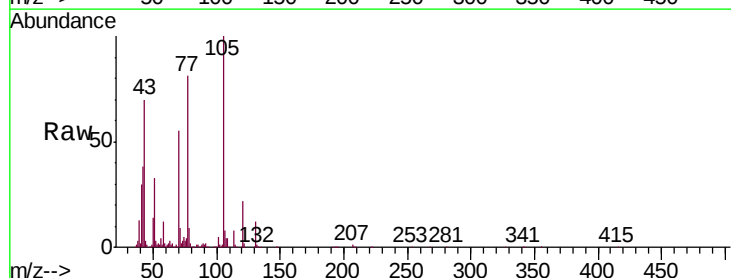
Ion Ratio Lower Upper

105 100

71 9.0 4.4 6.6#

51 32.8 22.3 33.5

120 21.6 16.9 25.3

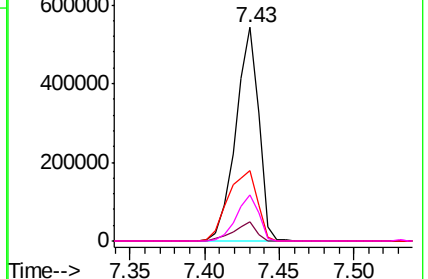
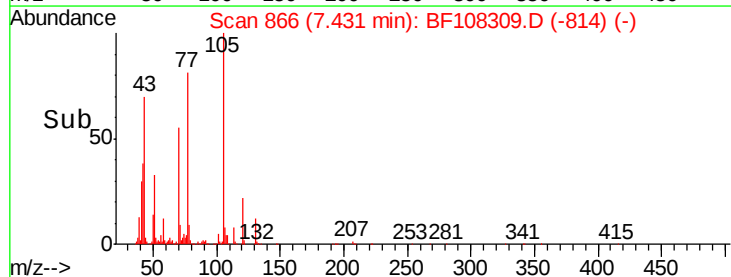


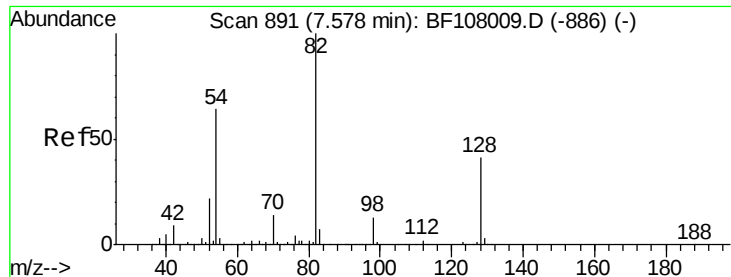
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

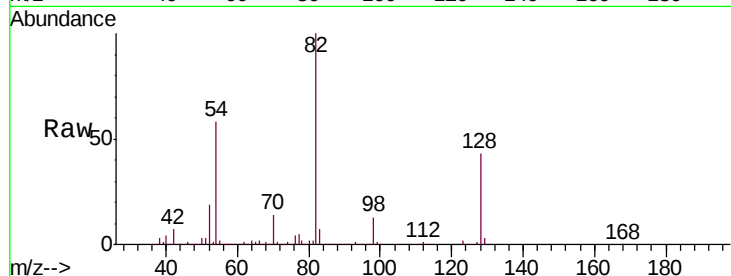




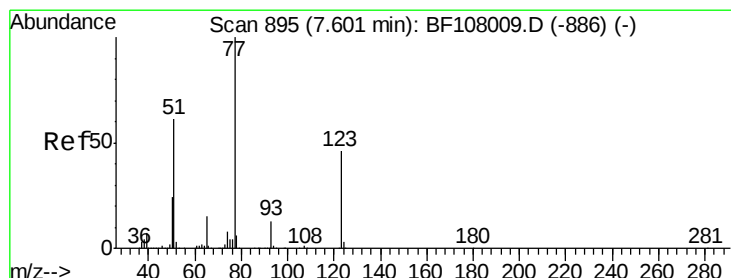
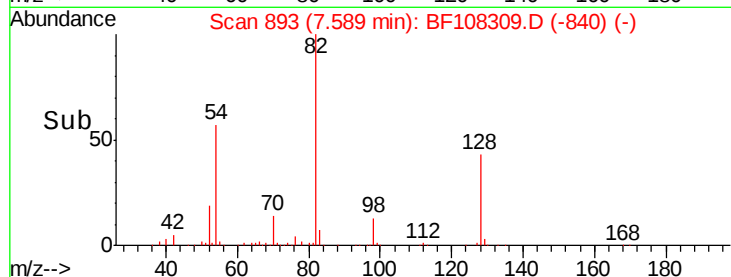
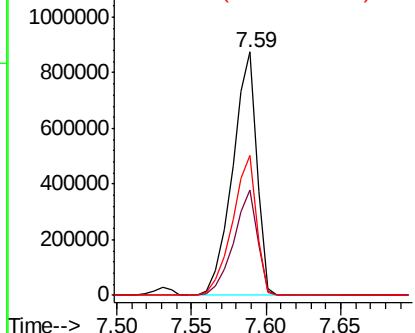
#23
 Nitrobenzene-d5
 Concen: 98.147 ng
 RT: 7.59 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: BF108309.D
 Acq: 20 Aug 2018 23:55

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	57.6	41.4	62.2

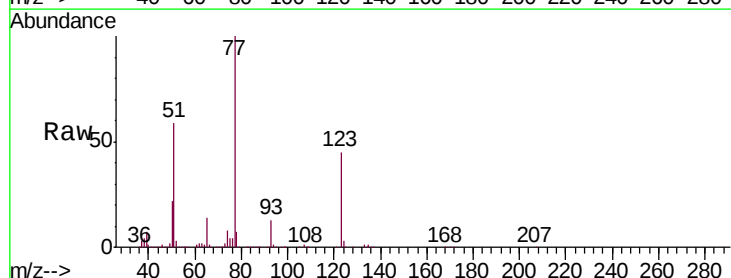


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

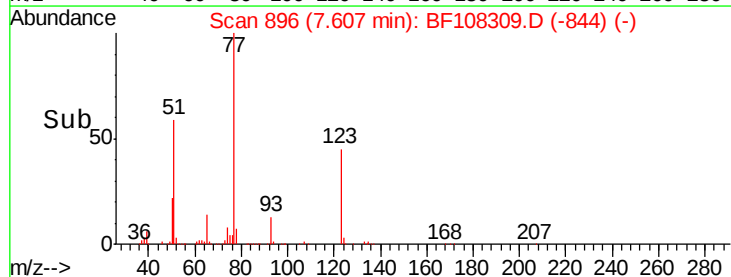
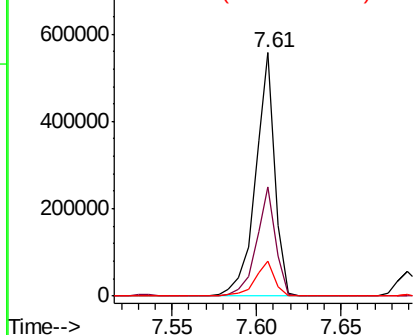


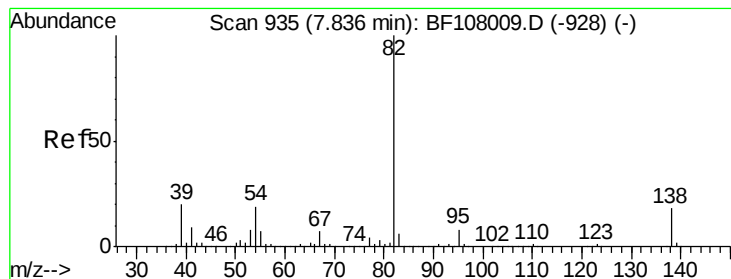
#24
 Nitrobenzene
 Concen: 42.905 ng
 RT: 7.61 min Scan# 896
 Delta R.T. 0.01 min
 Lab File: BF108309.D
 Acq: 20 Aug 2018 23:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.7	37.9	56.9
65	14.3	11.0	16.4



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





#25

Isophorone

Concen: 41.530 ng

RT: 7.84 min Scan# 936

Delta R.T. 0.01 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MS

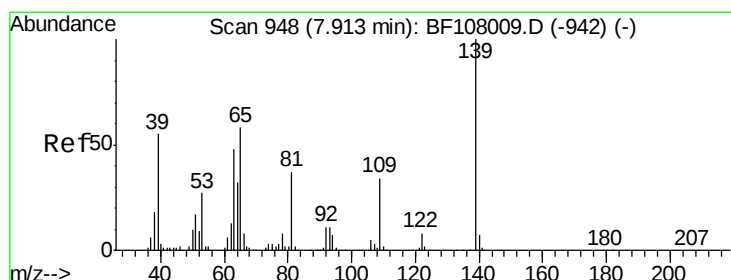
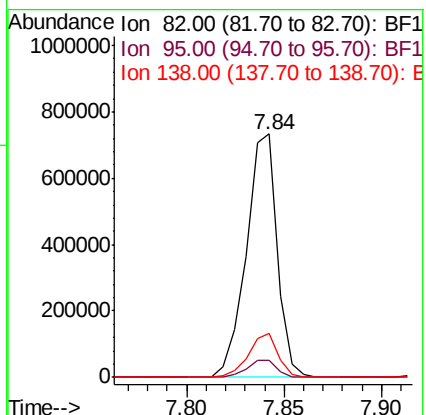
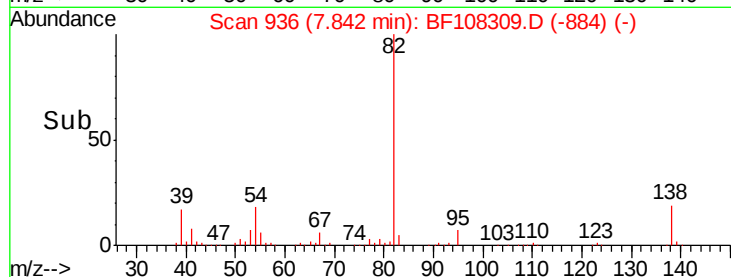
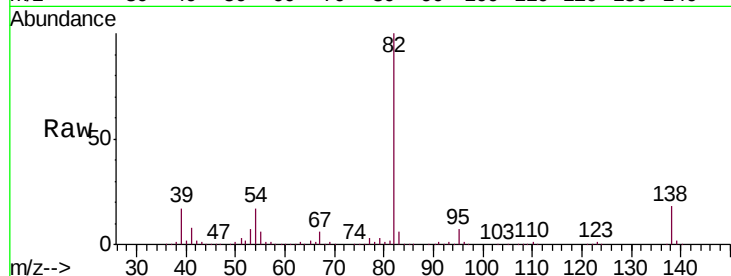
Tgt Ion: 82 Resp: 805414

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

138 18.1 14.9 22.3



#26

2-Nitrophenol

Concen: 31.321 ng

RT: 7.92 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

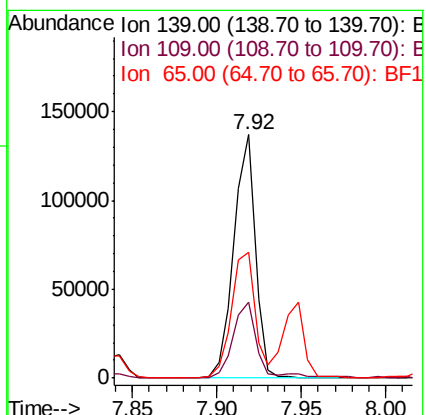
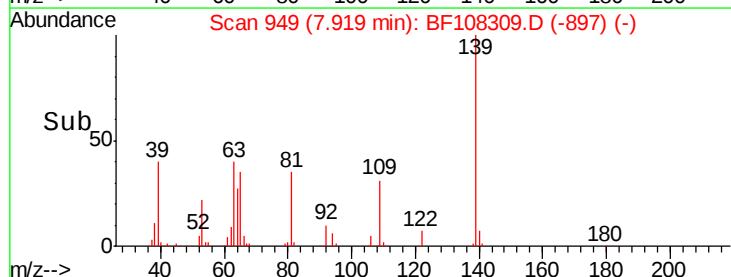
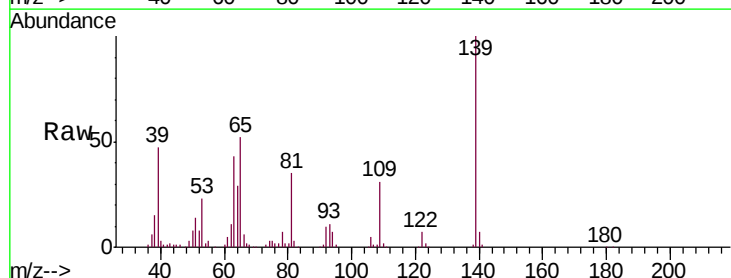
Tgt Ion: 139 Resp: 121701

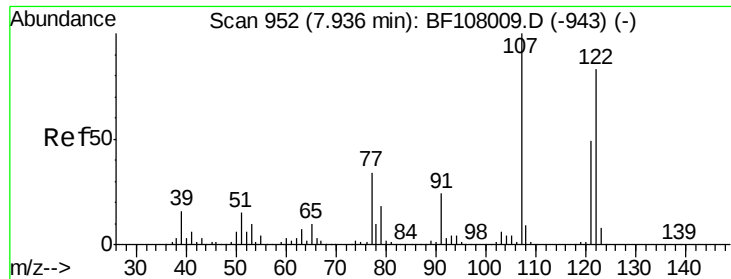
Ion Ratio Lower Upper

139 100

109 31.2 22.7 34.1

65 51.8 40.5 60.7

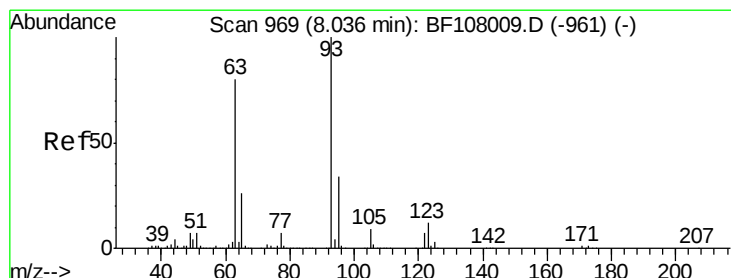
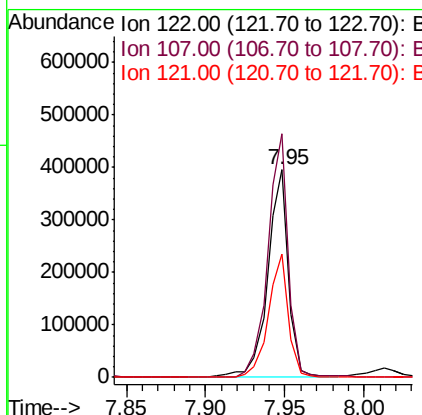
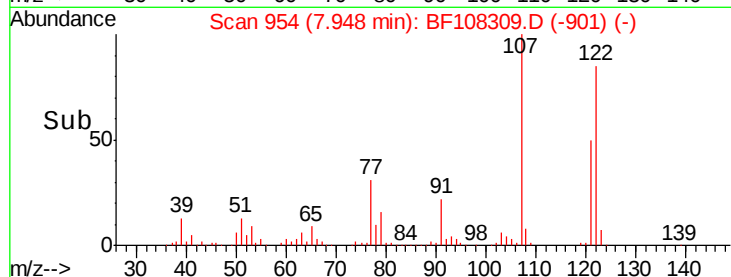
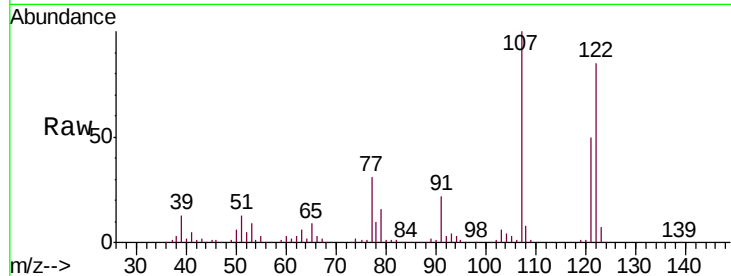




#27
 2,4-Dimethylphenol
 Concen: 42.260 ng
 RT: 7.95 min Scan# 954
 Delta R.T. 0.01 min
 Lab File: BF108309.D
 Acq: 20 Aug 2018 23:55

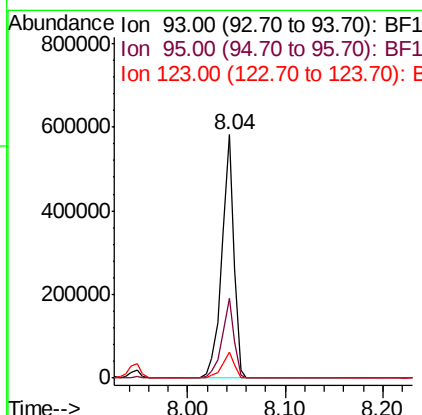
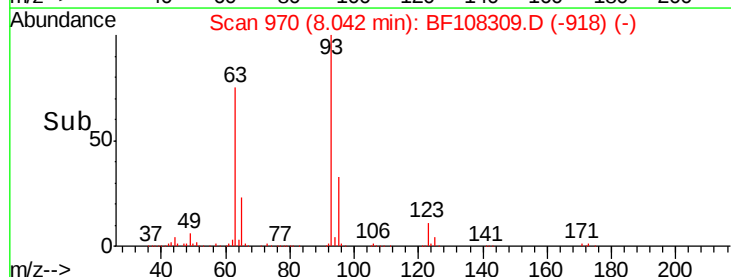
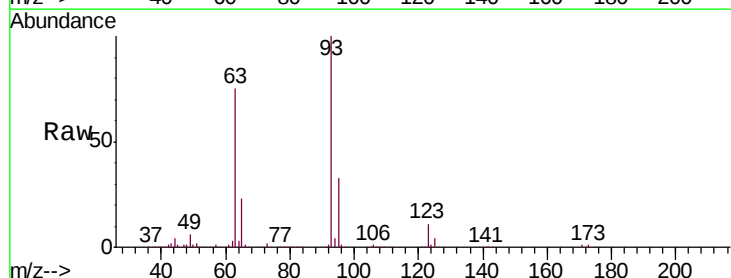
Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MS

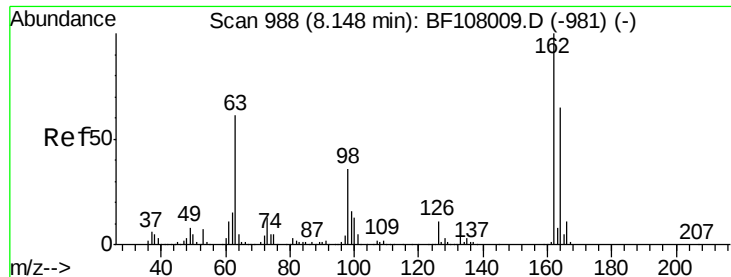
Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.4	91.2	136.8
121	59.3	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.957 ng
 RT: 8.04 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF108309.D
 Acq: 20 Aug 2018 23:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.3	39.5
123	10.8	9.8	14.6

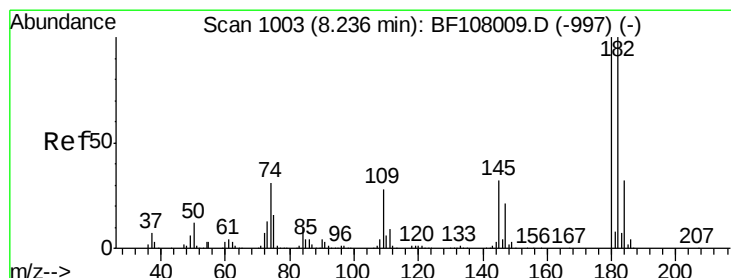
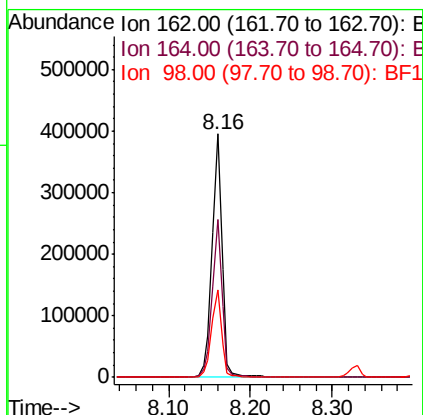
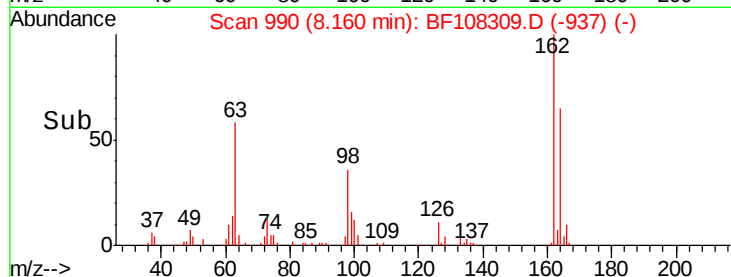
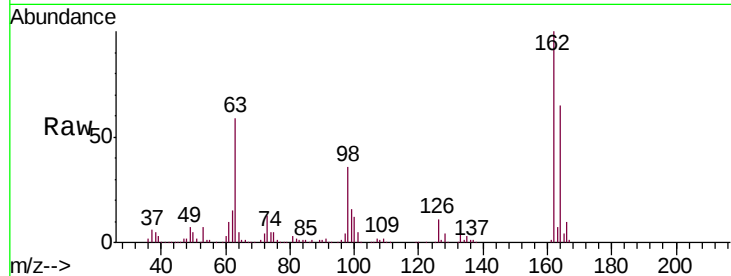




#29
2,4-Dichlorophenol
Concen: 42.447 ng
RT: 8.16 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

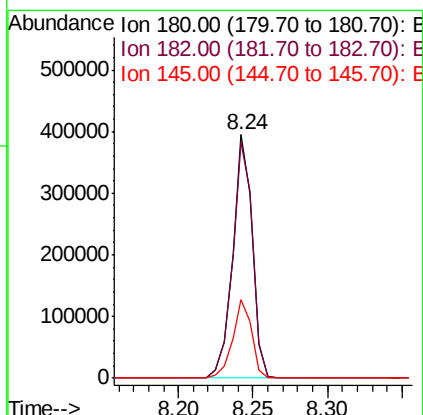
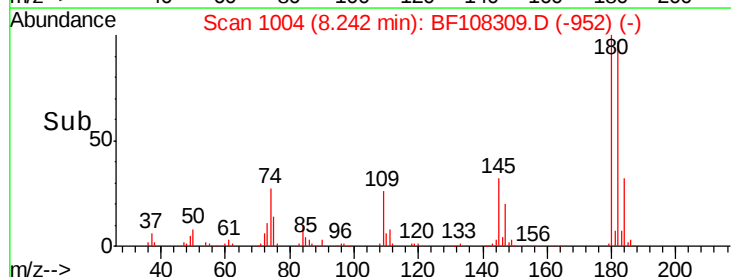
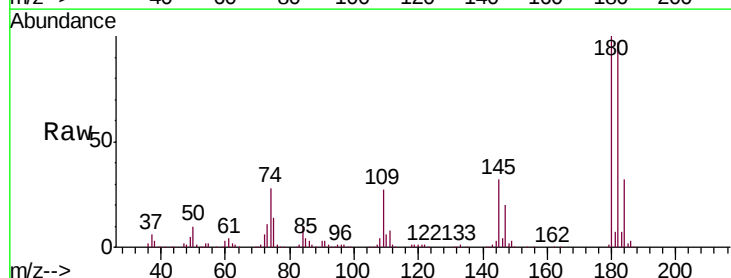
Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

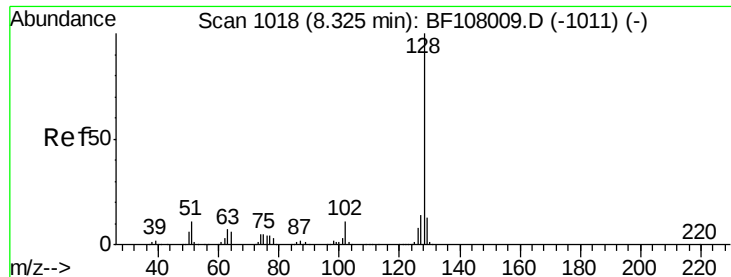
Tgt Ion:162 Resp: 336231
Ion Ratio Lower Upper
162 100
164 64.9 42.7 82.7
98 36.1 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 41.670 ng
RT: 8.24 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

Tgt Ion:180 Resp: 363921
Ion Ratio Lower Upper
180 100
182 97.0 76.8 115.2
145 32.3 26.5 39.7

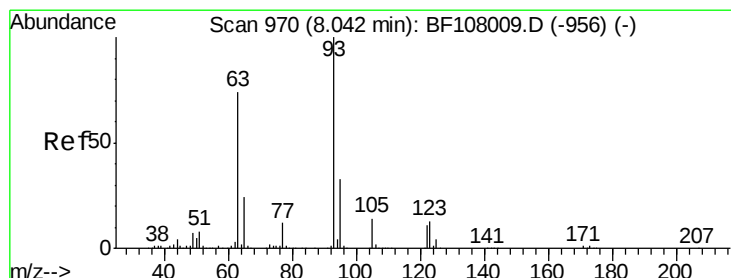
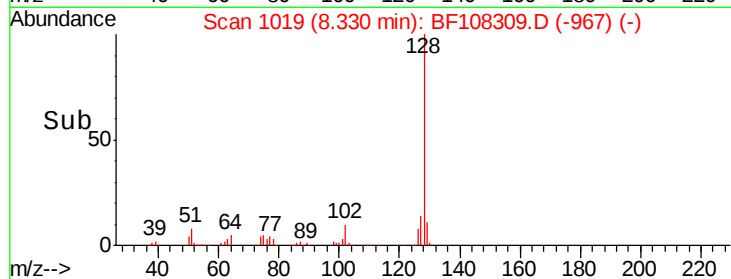
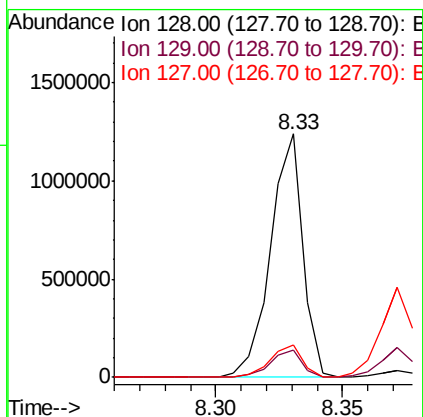
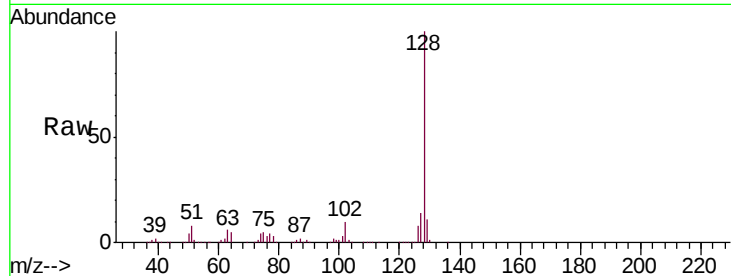




#31
Naphthalene
Concen: 42.875 ng
RT: 8.33 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

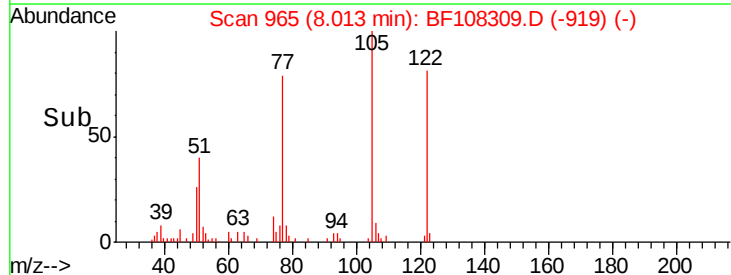
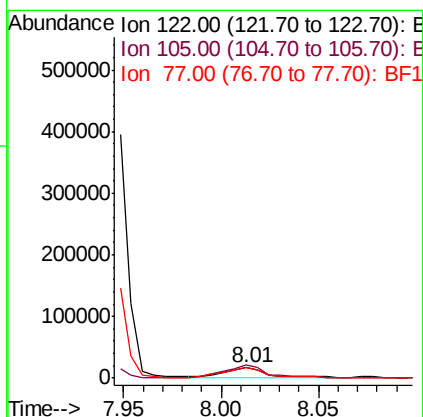
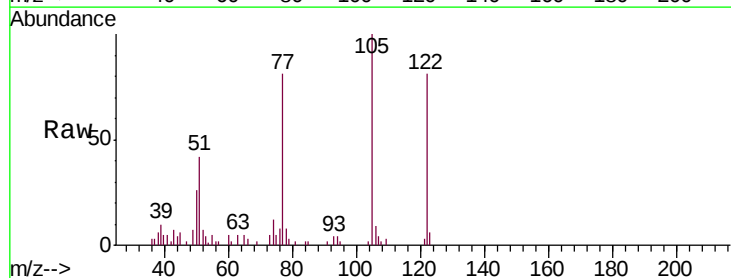
Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tgt Ion:128 Resp: 1107081
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 10.102 ng
RT: 8.01 min Scan# 965
Delta R.T. -0.03 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

Tgt Ion:122 Resp: 23547
Ion Ratio Lower Upper
122 100
105 124.1 101.1 141.1
77 100.6 70.7 110.7

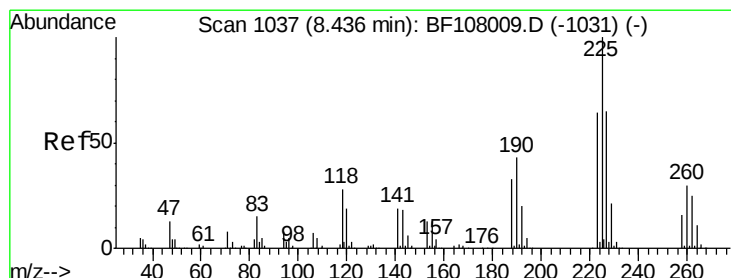
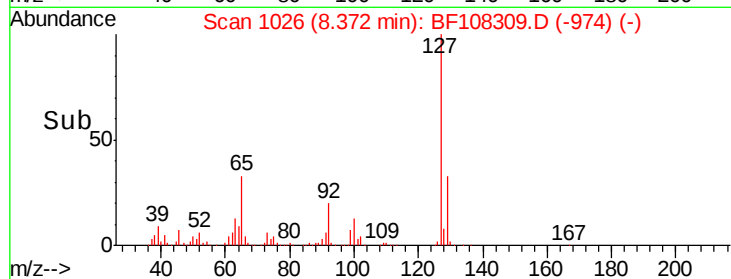
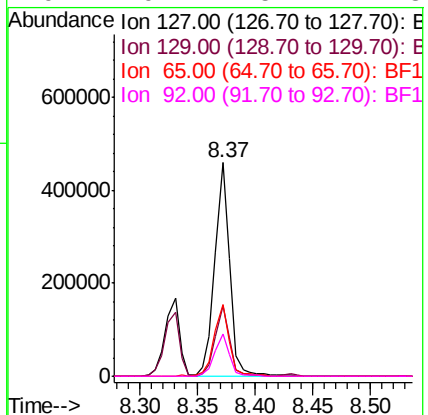
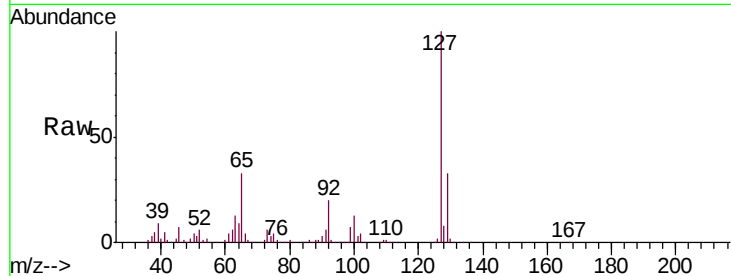




#33
 4-Chloroaniline
 Concen: 36.754 ng
 RT: 8.37 min Scan# 1026
 Delta R.T. 0.01 min
 Lab File: BF108309.D
 Acq: 20 Aug 2018 23:55

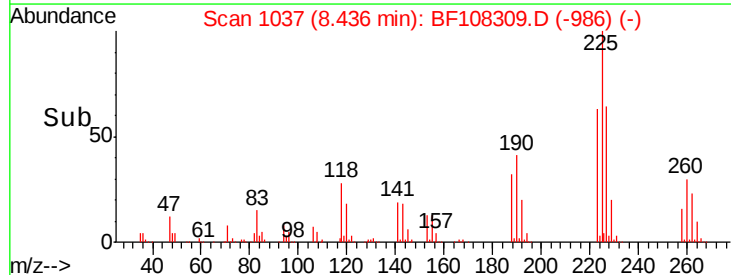
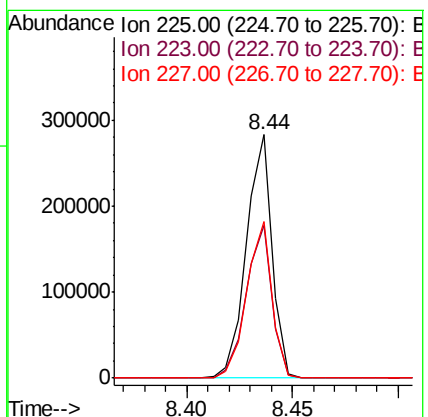
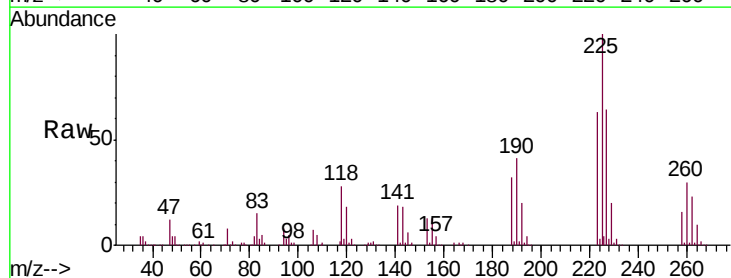
Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MS

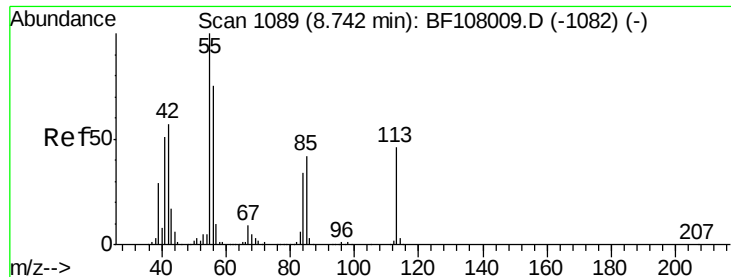
Tgt Ion:	127	Resp:	413579
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	33.5	25.0	37.4
92	19.7	15.2	22.8



#34
 Hexachlorobutadiene
 Concen: 43.232 ng
 RT: 8.44 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF108309.D
 Acq: 20 Aug 2018 23:55

Tgt Ion:	225	Resp:	239018
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	64.3	51.9	77.9

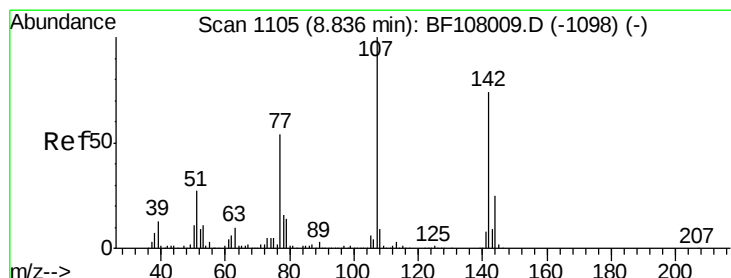
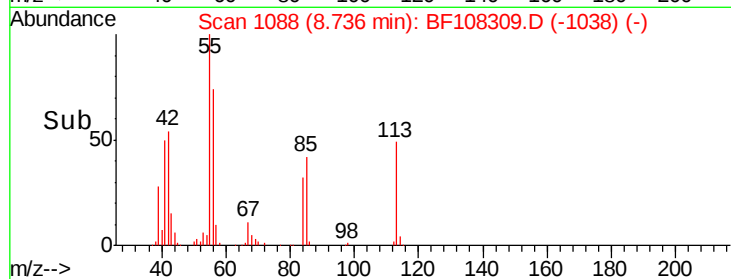
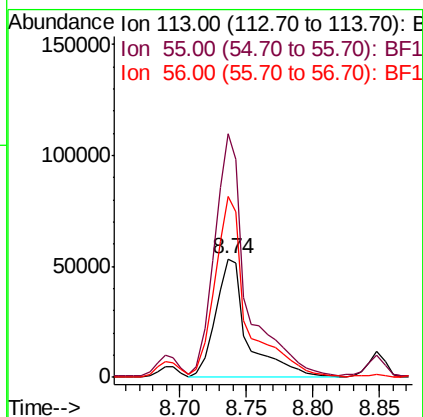
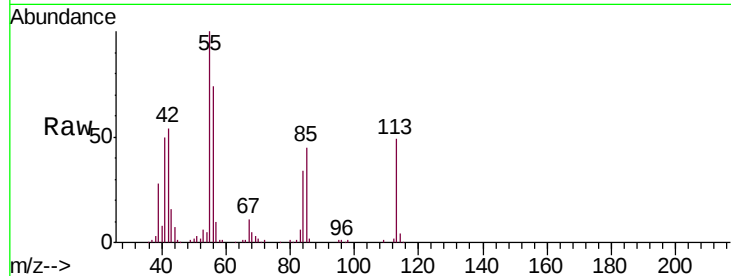




#35
 Caprolactam
 Concen: 36.508 ng
 RT: 8.74 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF108309.D
 Acq: 20 Aug 2018 23:55

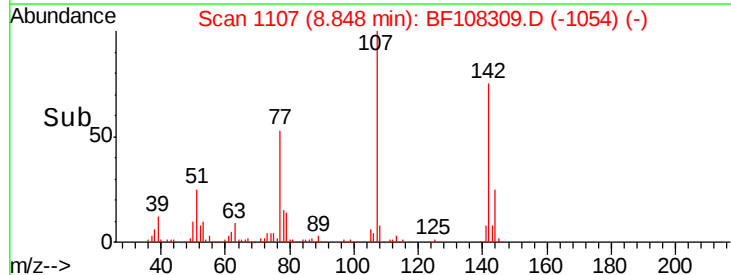
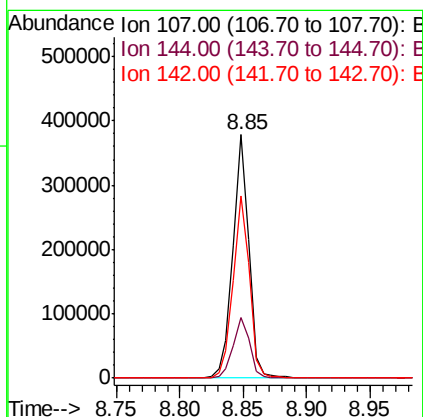
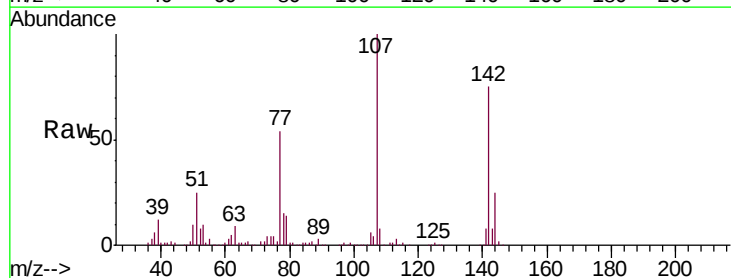
Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MS

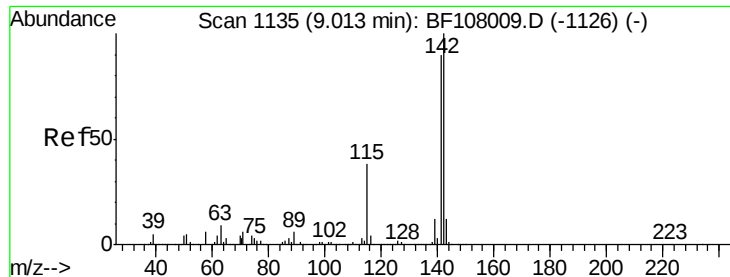
Tgt Ion:113 Resp: 90624
 Ion Ratio Lower Upper
 113 100
 55 205.7 163.3 203.3#
 56 153.0 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.506 ng
 RT: 8.85 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: BF108309.D
 Acq: 20 Aug 2018 23:55

Tgt Ion:107 Resp: 329041
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.5 30.7
 142 75.0 62.0 93.0

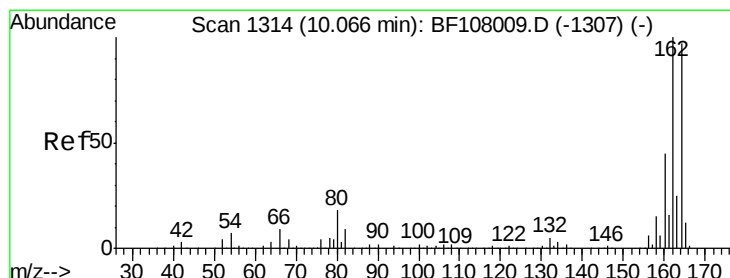
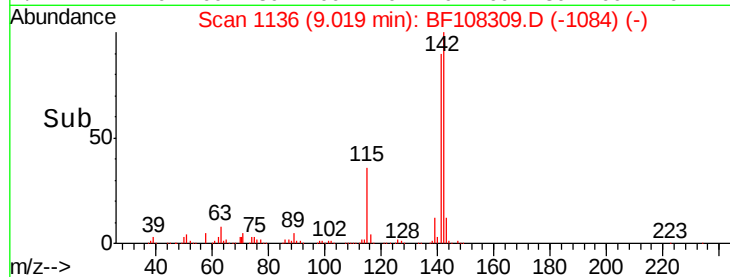
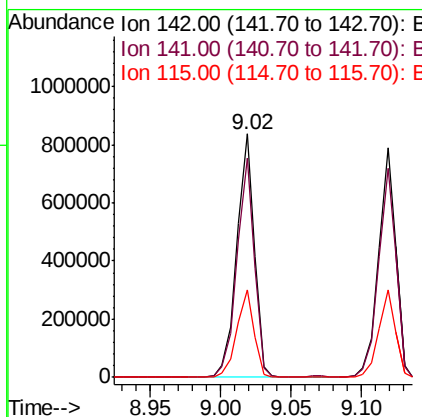
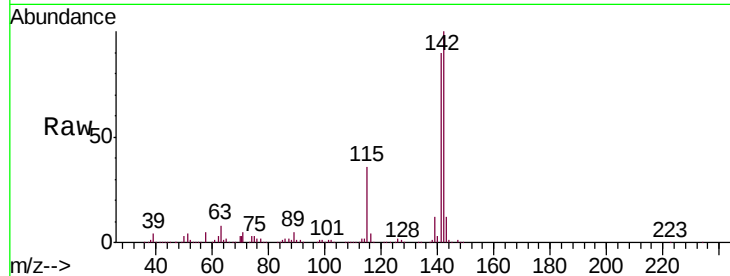




#37
 2-Methylnaphthalene
 Concen: 39.694 ng
 RT: 9.02 min Scan# 1136
 Delta R.T. 0.01 min
 Lab File: BF108309.D
 Acq: 20 Aug 2018 23:55

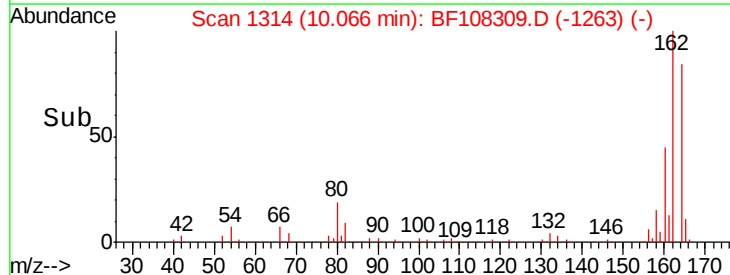
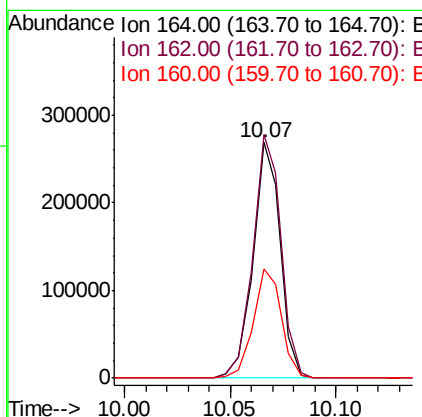
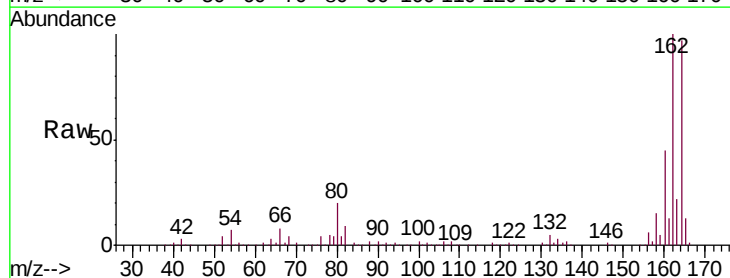
Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MS

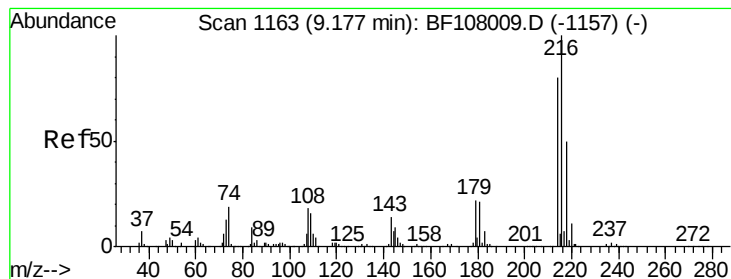
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.8	106.2
115	36.2	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF108309.D
 Acq: 20 Aug 2018 23:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	46.5	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.998 ng

RT: 9.18 min Scan# 1164

Delta R.T. 0.01 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

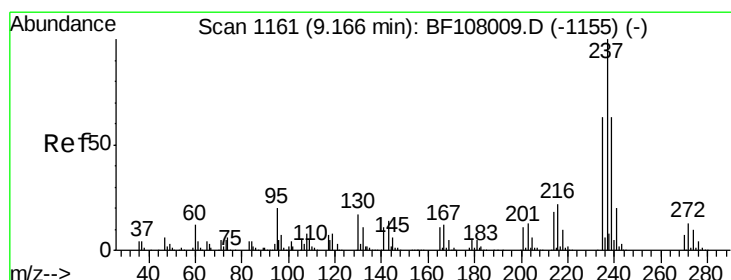
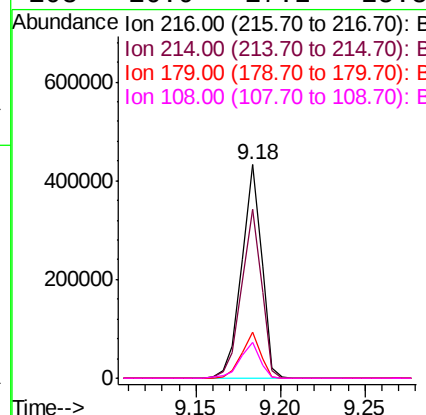
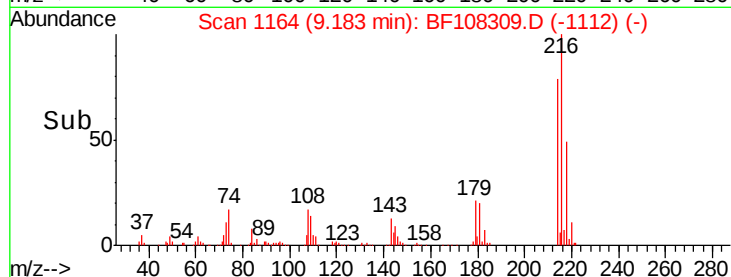
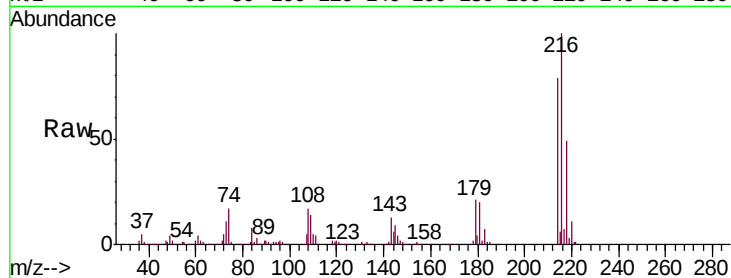
Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MS

Tgt Ion:	216	Resp:	354962
Ion Ratio		Lower	Upper
216	100		
214	79.3	63.0	94.4
179	20.6	18.1	27.1
108	16.9	17.2	25.8#



#40

Hexachlorocyclopentadiene

Concen: 8.153 ng

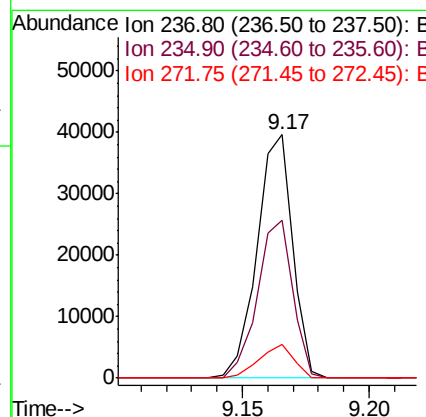
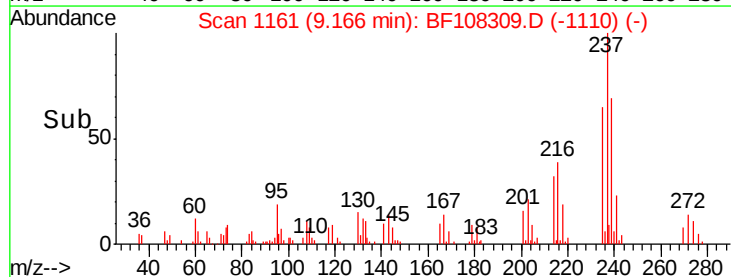
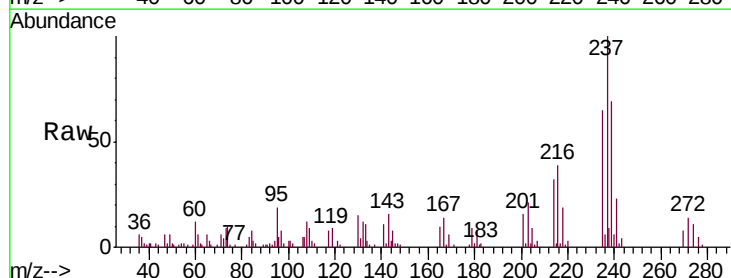
RT: 9.17 min Scan# 1161

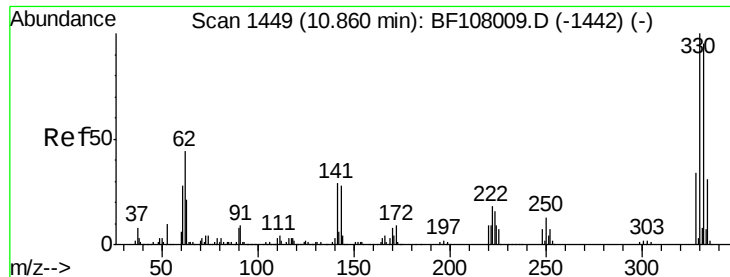
Delta R.T. 0.00 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

Tgt Ion:	237	Resp:	38944
Ion Ratio		Lower	Upper
237	100		
235	65.0	44.8	84.8
272	13.6	0.0	33.3

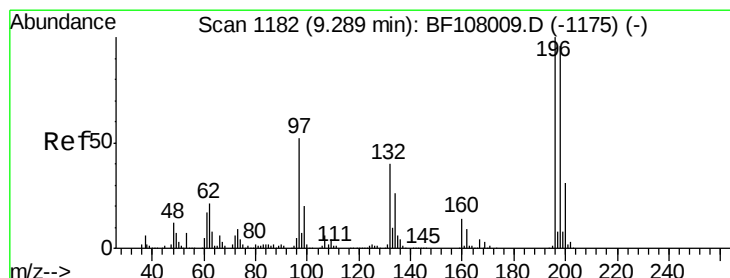
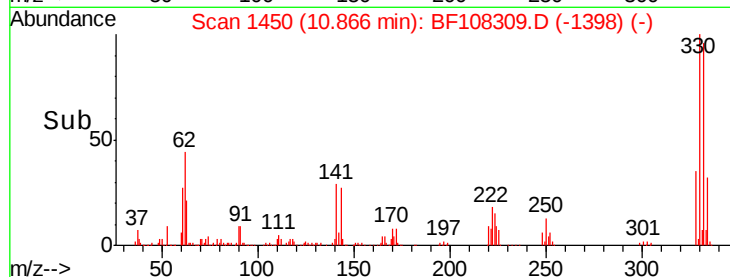
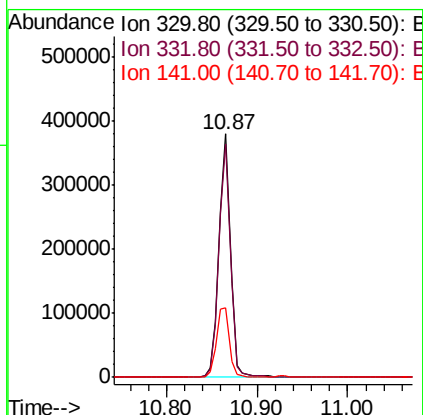
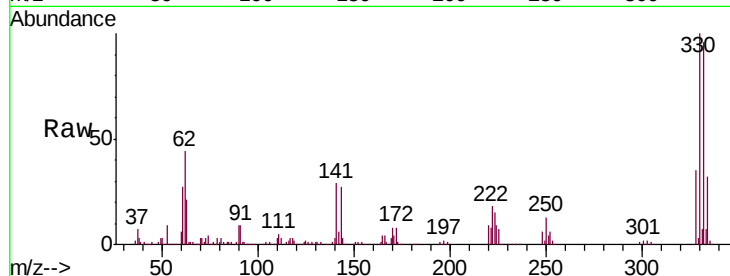




#41
 2,4,6-Tribromophenol
 Concen: 138.621 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108309.D
 Acq: 20 Aug 2018 23:55

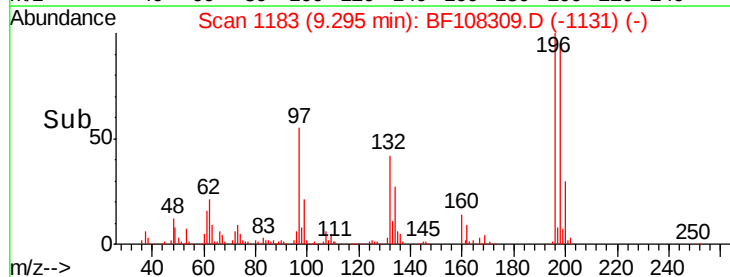
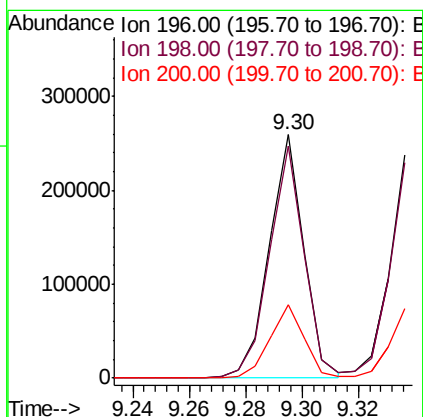
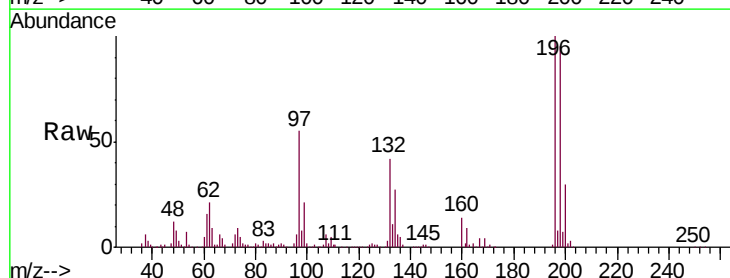
Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MS

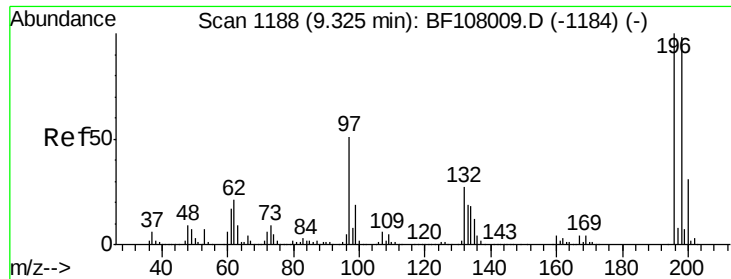
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	32.5	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 48.060 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF108309.D
 Acq: 20 Aug 2018 23:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.7	113.5
200	30.1	24.5	36.7

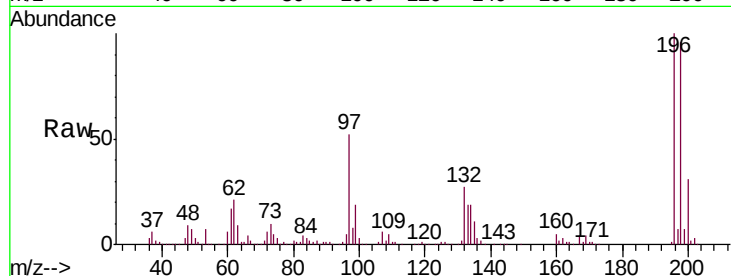




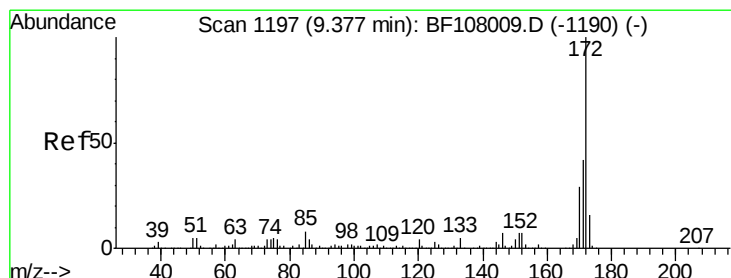
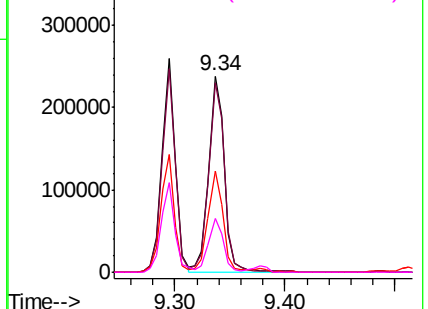
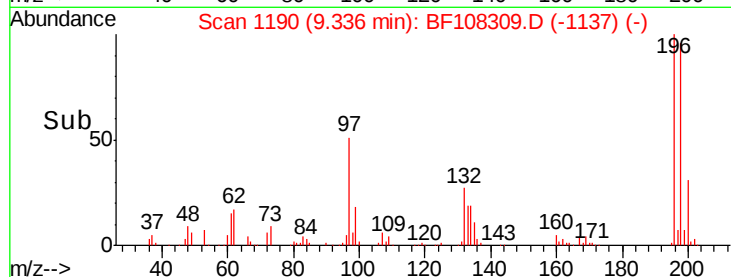
#43
 2,4,5-Trichlorophenol
 Concen: 45.149 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF108309.D
 Acq: 20 Aug 2018 23:55

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MS

Tgt Ion:	196	Resp:	228091
Ion	Ratio	Lower	Upper
196	100		
198	96.4	74.6	112.0
97	51.8	42.9	64.3
132	27.4	26.3	39.5

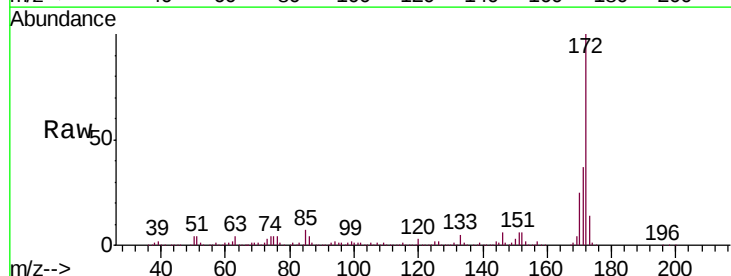


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

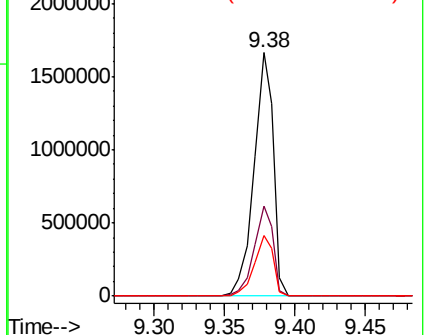
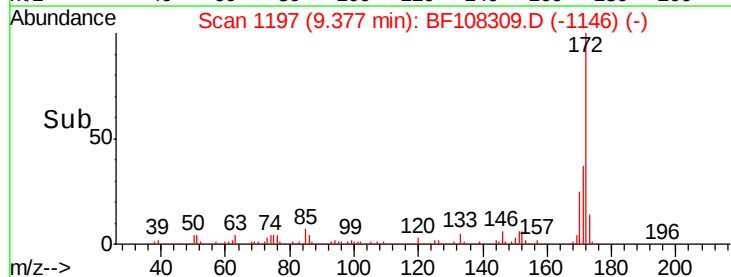


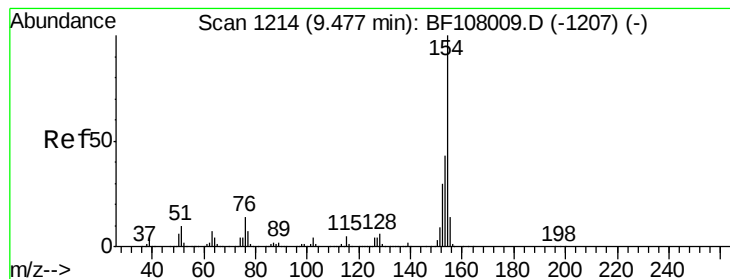
#44
 2-Fluorobiphenyl
 Concen: 107.294 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108309.D
 Acq: 20 Aug 2018 23:55

Tgt Ion:	172	Resp:	1609431
Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.7	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 48.104 ng

RT: 9.48 min Scan# 1215

Delta R.T. 0.01 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MS

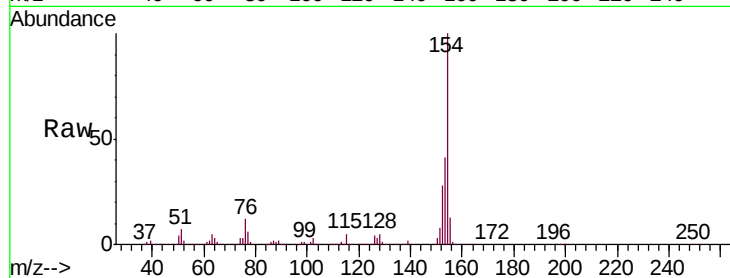
Tgt Ion:154 Resp: 854133

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

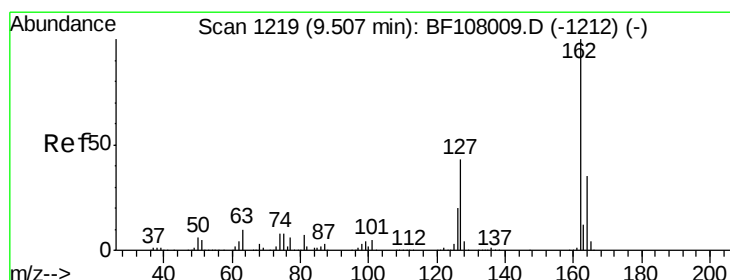
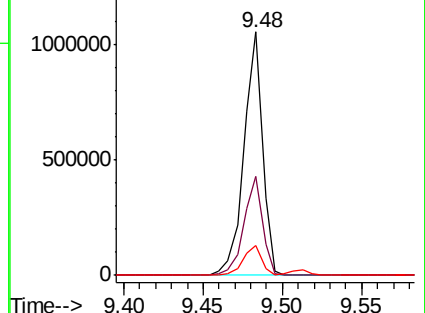
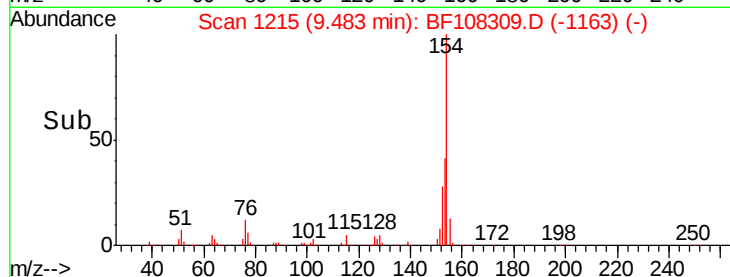
76 12.0 0.0 34.0



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: 45.628 ng

RT: 9.51 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

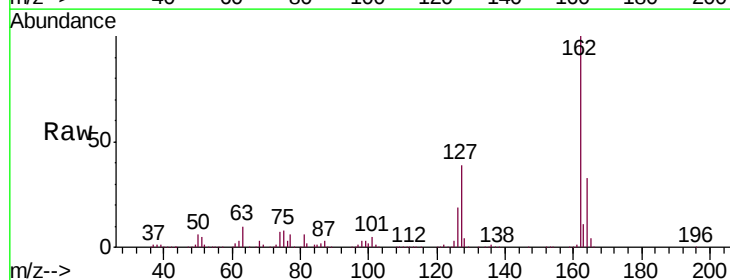
Tgt Ion:162 Resp: 640321

Ion Ratio Lower Upper

162 100

127 39.1 33.9 50.9

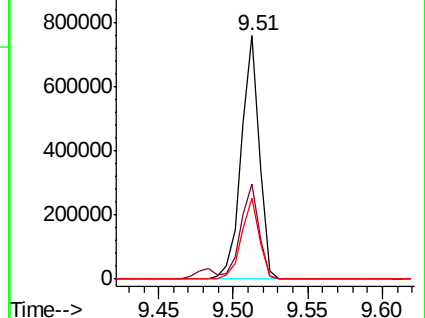
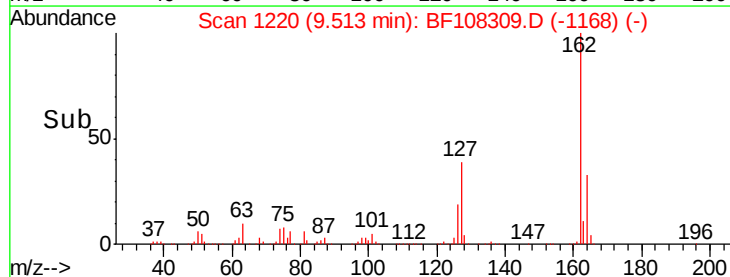
164 33.2 26.5 39.7



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

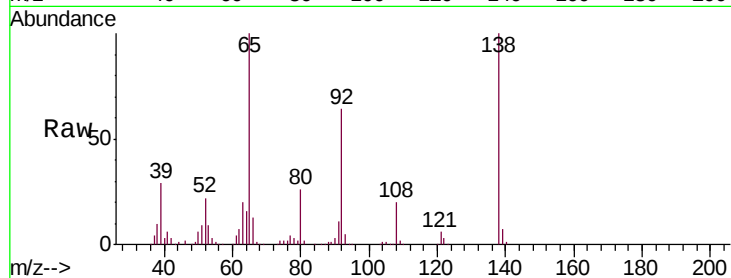




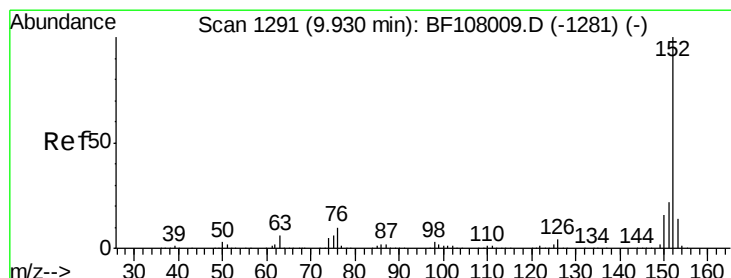
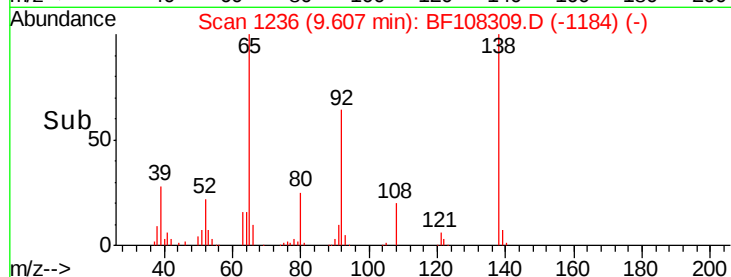
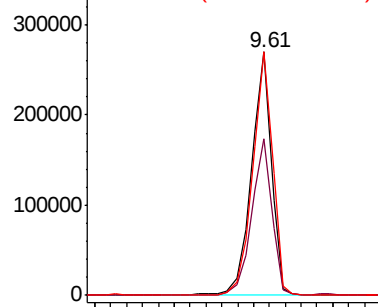
#47
2-Nitroaniline
Concen: 52.094 ng
RT: 9.61 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tgt Ion: 65 Resp: 236543
Ion Ratio Lower Upper
65 100
92 64.1 55.8 83.6
138 99.9 91.2 136.8

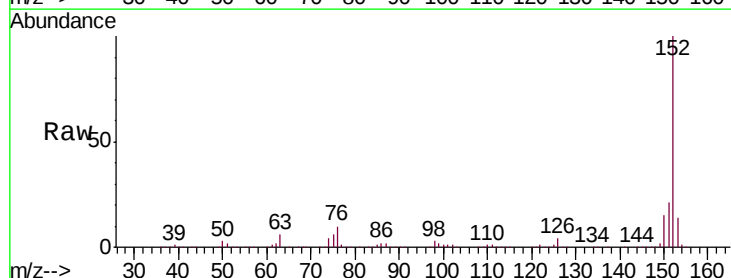


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

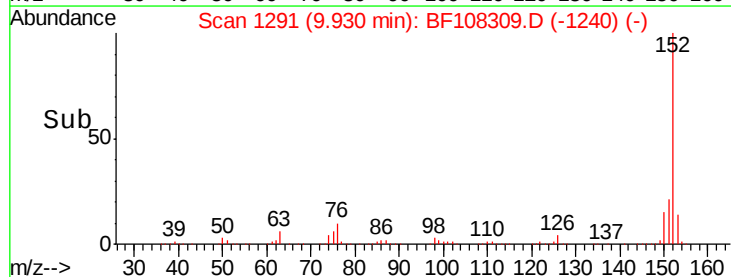
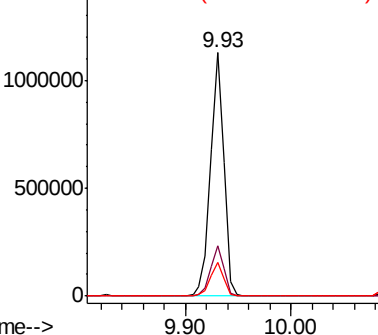


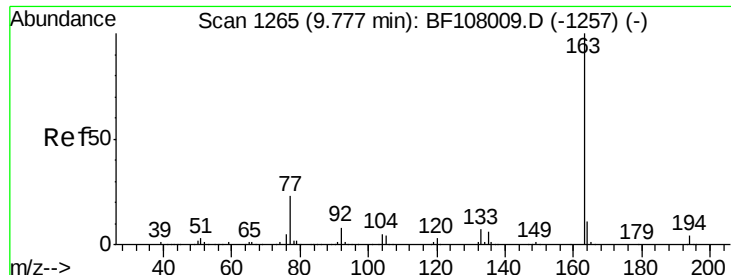
#48
Acenaphthylene
Concen: 43.914 ng
RT: 9.93 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

Tgt Ion: 152 Resp: 974279
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

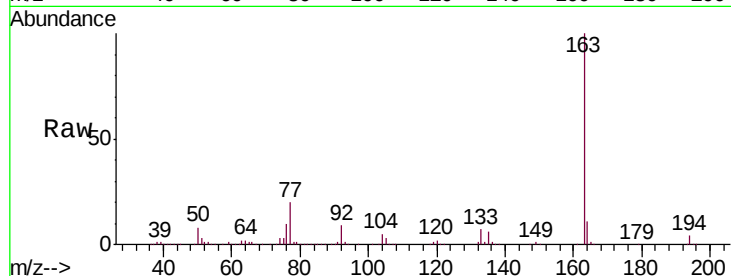




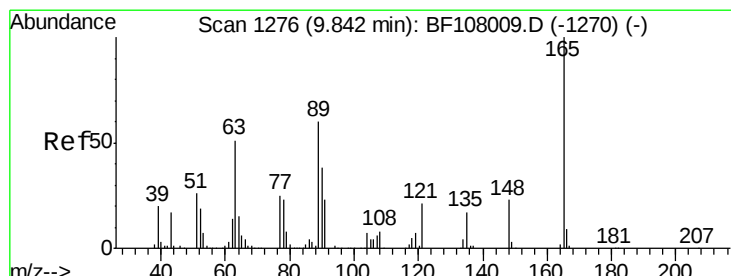
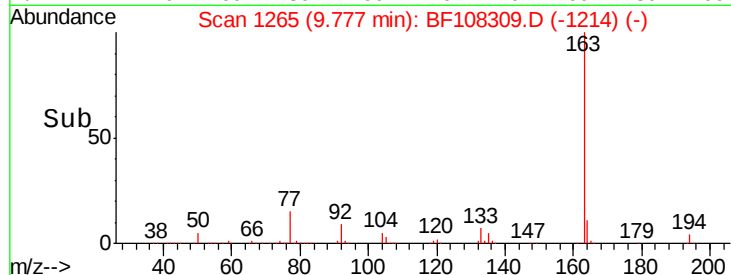
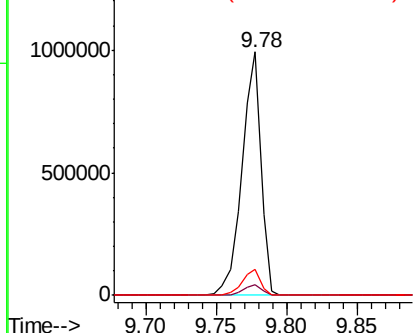
#49
Dimethylphthalate
Concen: 55.226 ng
RT: 9.78 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tgt Ion:163 Resp: 926435
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.5 8.2 12.2

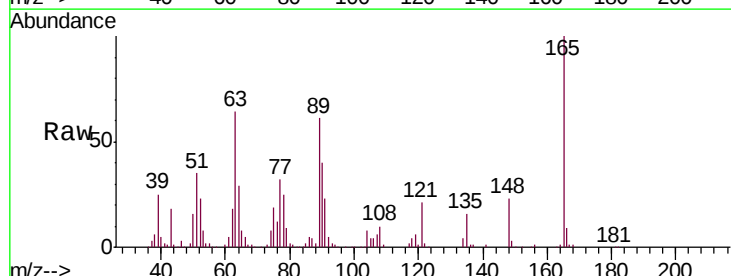


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

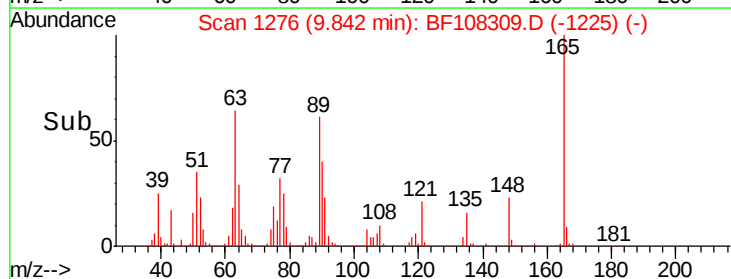
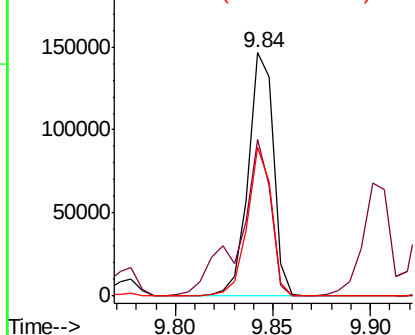


#50
2,6-Dinitrotoluene
Concen: 37.544 ng
RT: 9.84 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

Tgt Ion:165 Resp: 131769
Ion Ratio Lower Upper
165 100
63 64.2 44.7 67.1
89 61.1 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: 41.335 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MS

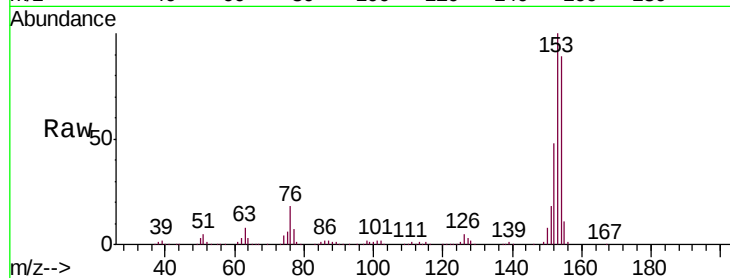
Tgt Ion:154 Resp: 561689

Ion Ratio Lower Upper

154 100

153 112.3 91.2 136.8

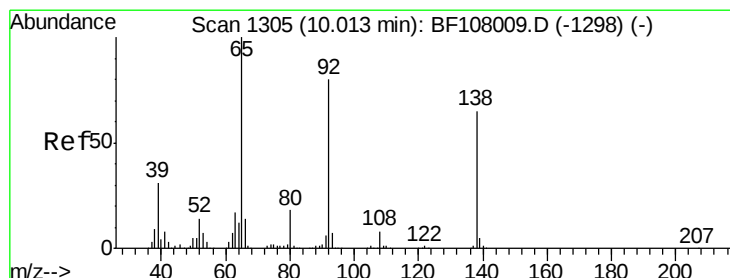
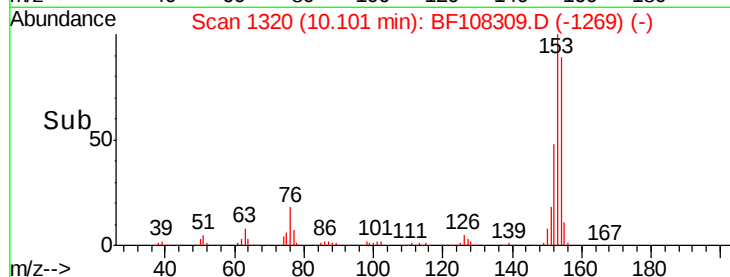
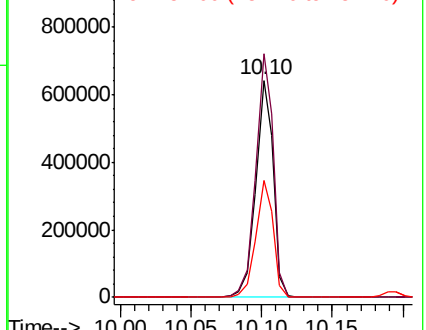
152 54.2 43.8 65.8



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: 50.116 ng

RT: 10.02 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

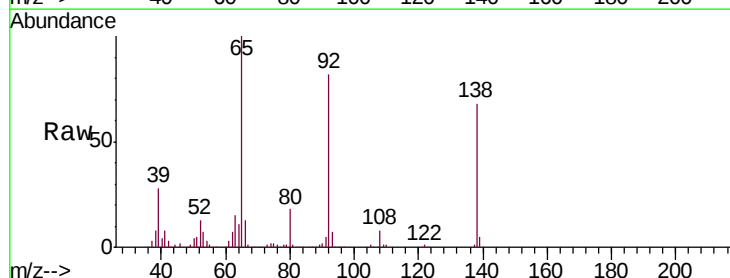
Tgt Ion:138 Resp: 192451

Ion Ratio Lower Upper

138 100

108 11.1 9.4 14.0

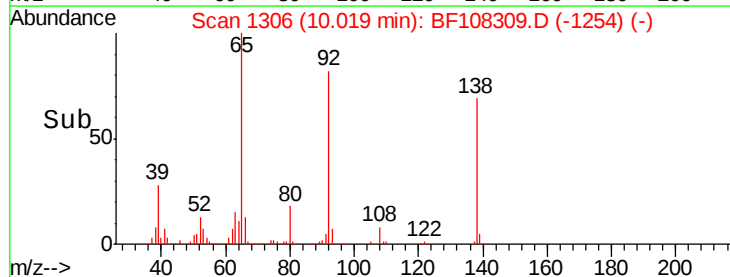
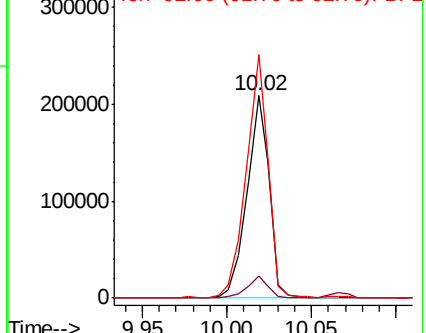
92 120.4 89.4 134.2

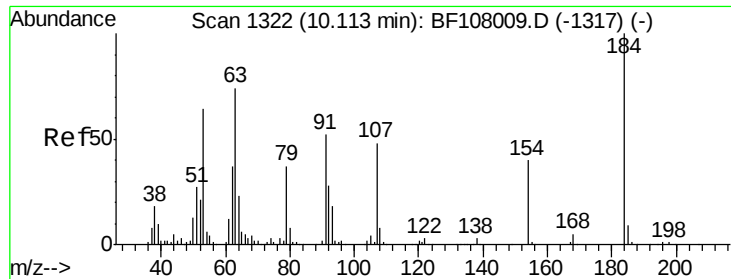


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

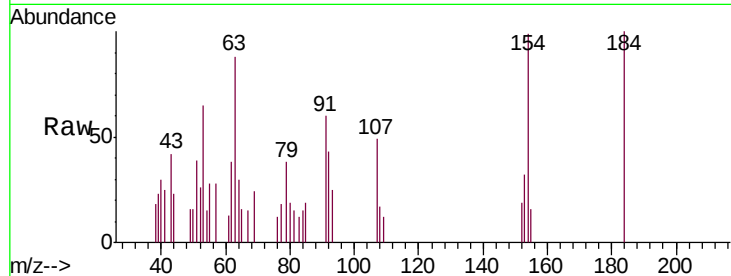




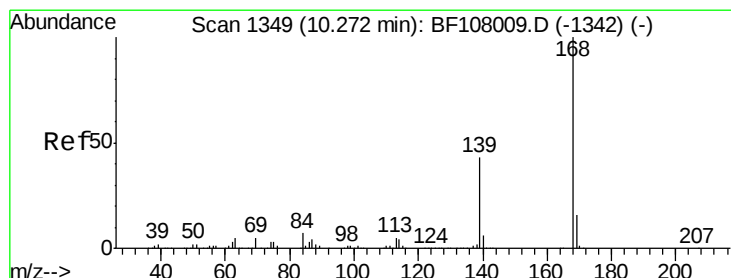
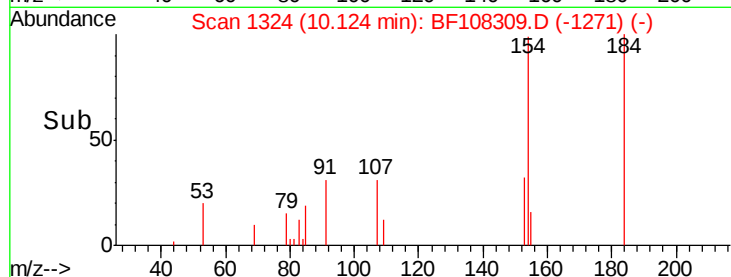
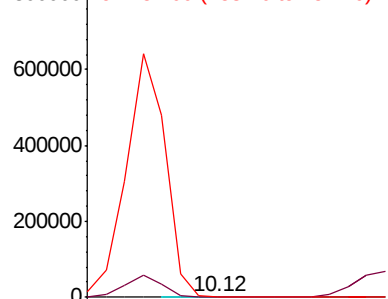
#53
2,4-Dinitrophenol
Concen: 8.706 ng
RT: 10.12 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tgt Ion:184 Resp: 2427
Ion Ratio Lower Upper
184 100
63 87.5 54.2 81.2#
154 99.0 184.0 276.0#

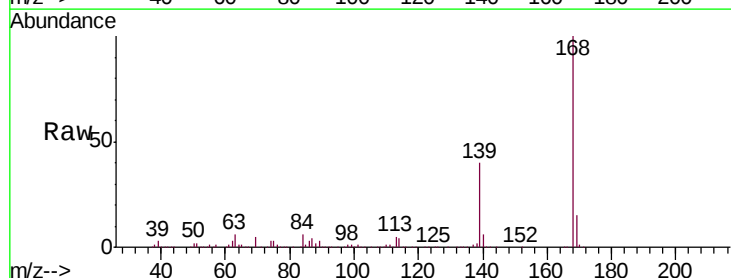


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

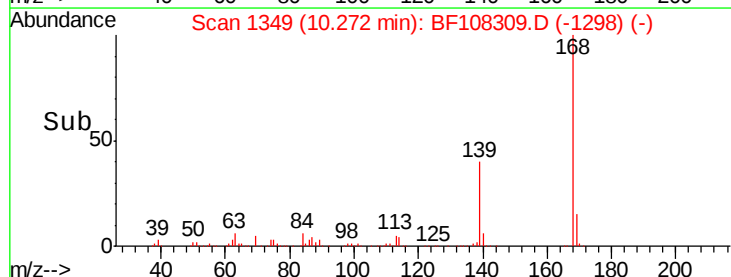
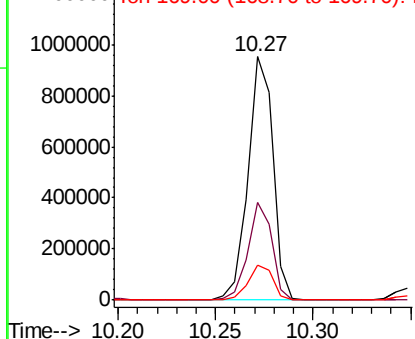


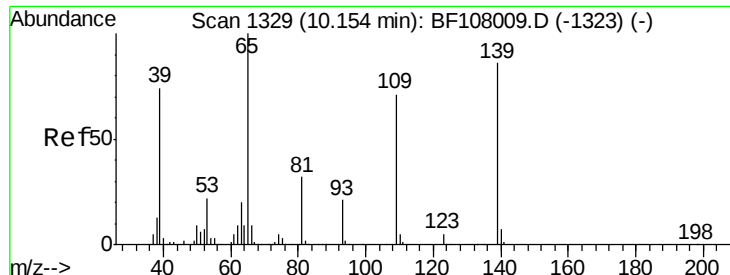
#54
Dibenzofuran
Concen: 42.831 ng
RT: 10.27 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

Tgt Ion:168 Resp: 843230
Ion Ratio Lower Upper
168 100
139 40.2 30.1 45.1
169 14.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

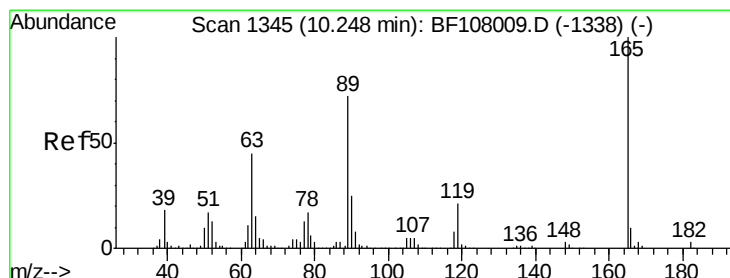
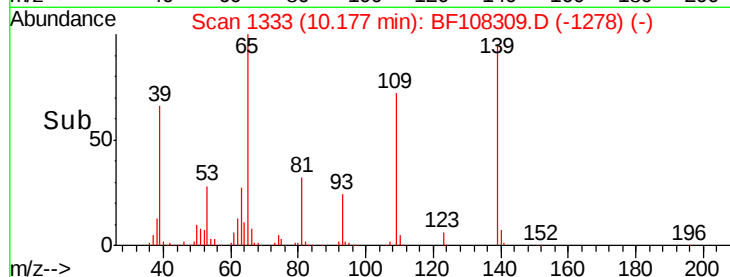
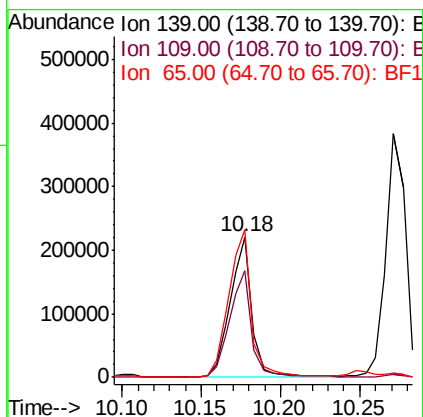
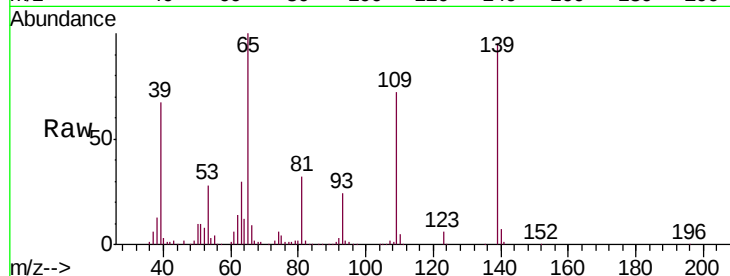




#55
4-Nitrophenol
Concen: 72.669 ng
RT: 10.18 min Scan# 1333
Delta R.T. 0.02 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

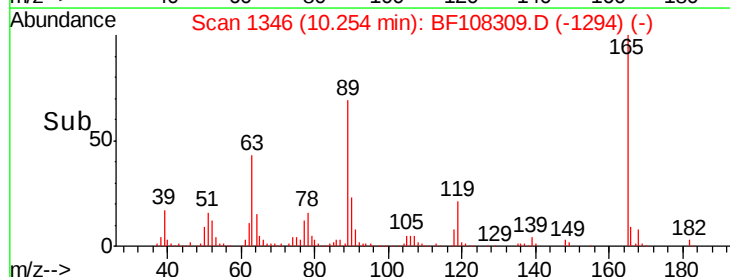
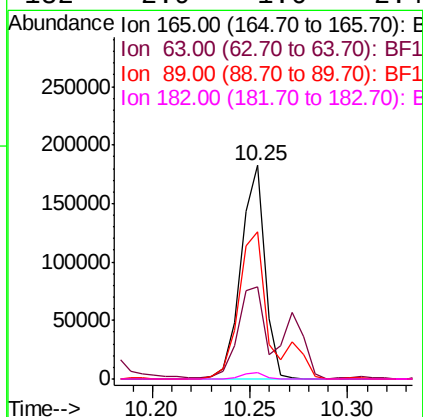
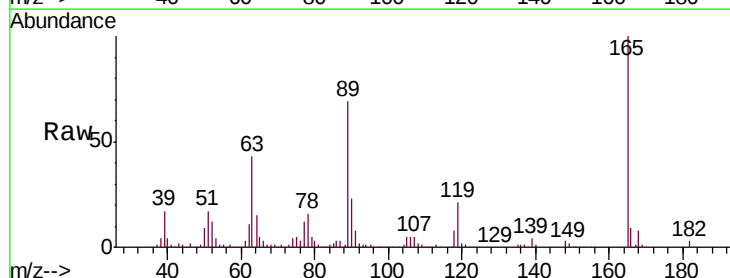
Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

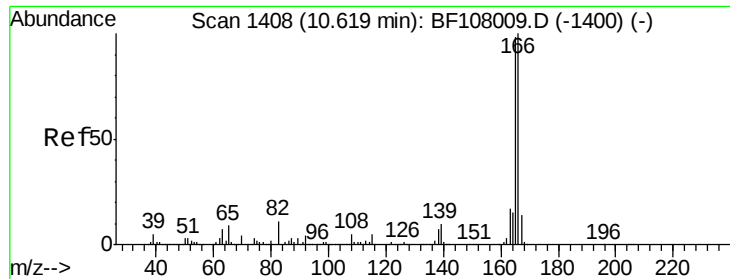
Tgt Ion:139 Resp: 211316
Ion Ratio Lower Upper
139 100
109 76.1 48.4 88.4
65 105.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 34.626 ng
RT: 10.25 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

Tgt Ion:165 Resp: 156431
Ion Ratio Lower Upper
165 100
63 43.0 36.4 54.6
89 68.6 57.8 86.6
182 2.9 1.6 2.4#

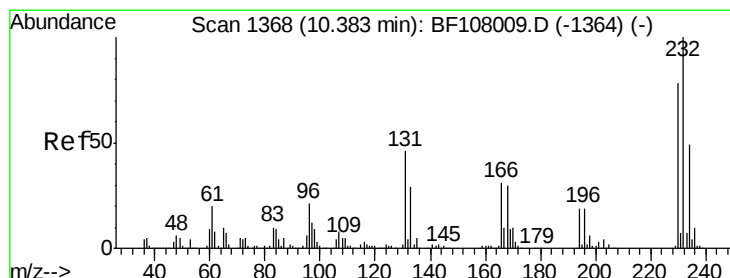
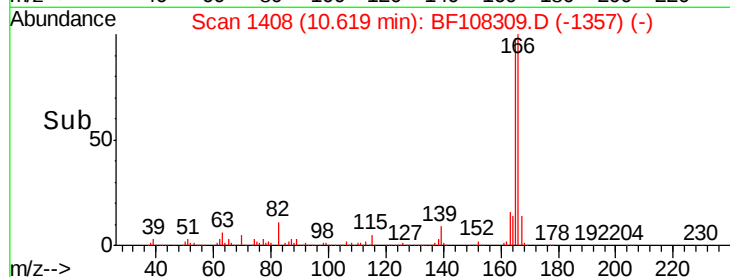
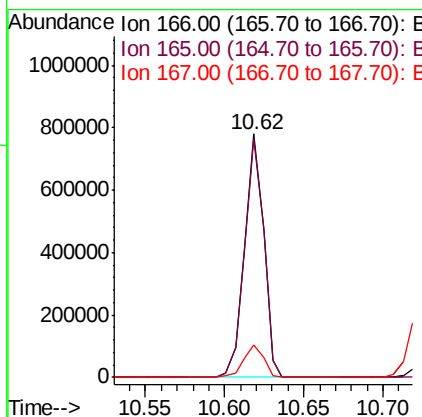
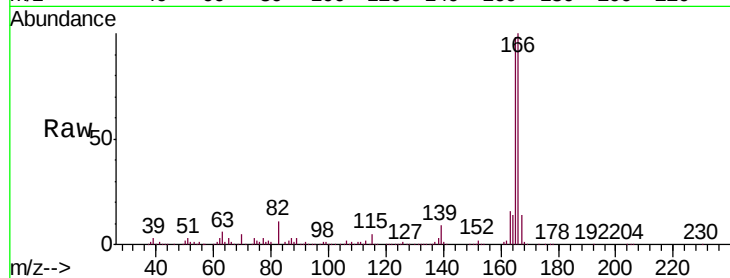




#57
 Fluorene
 Concen: 41.891 ng
 RT: 10.62 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF108309.D
 Acq: 20 Aug 2018 23:55

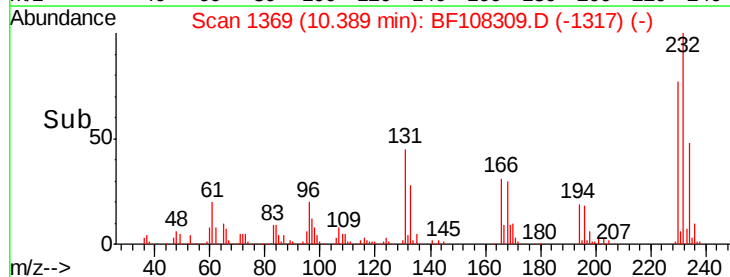
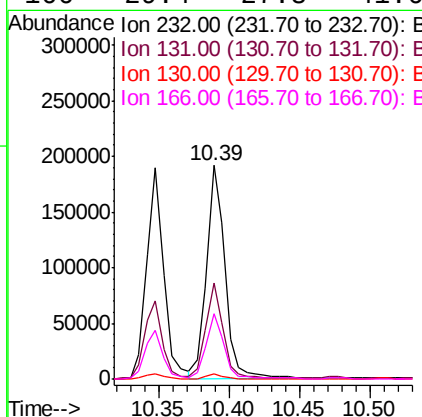
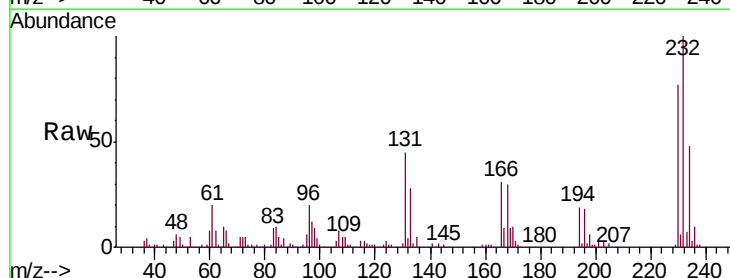
Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MS

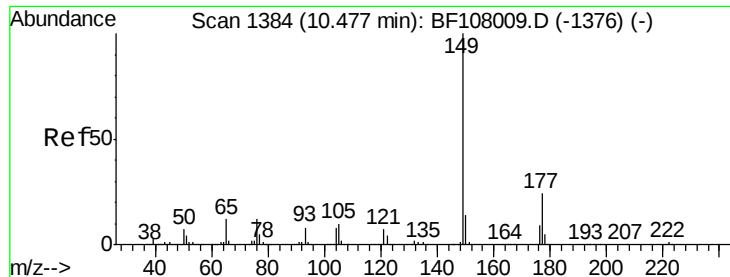
Tgt Ion:166 Resp: 652868
 Ion Ratio Lower Upper
 166 100
 165 97.8 79.8 119.8
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.489 ng
 RT: 10.39 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF108309.D
 Acq: 20 Aug 2018 23:55

Tgt Ion:232 Resp: 175187
 Ion Ratio Lower Upper
 232 100
 131 43.1 43.8 65.8#
 130 2.2 2.1 3.1
 166 29.4 27.8 41.6

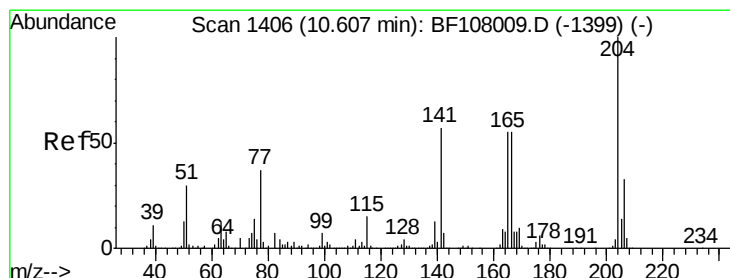
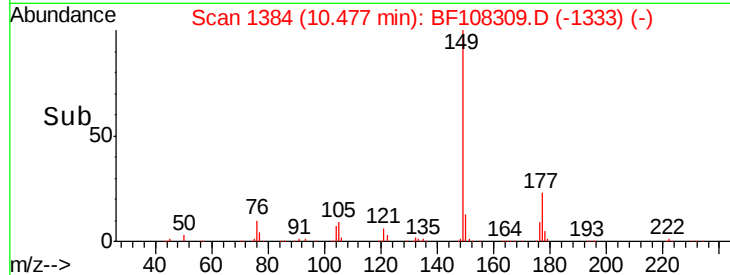
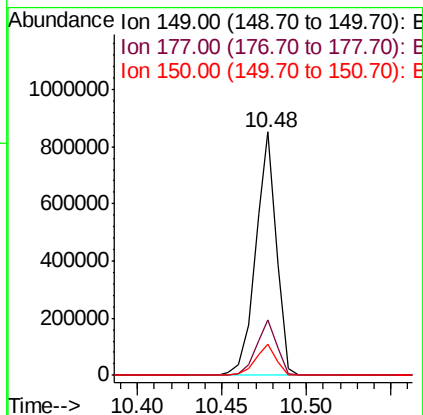
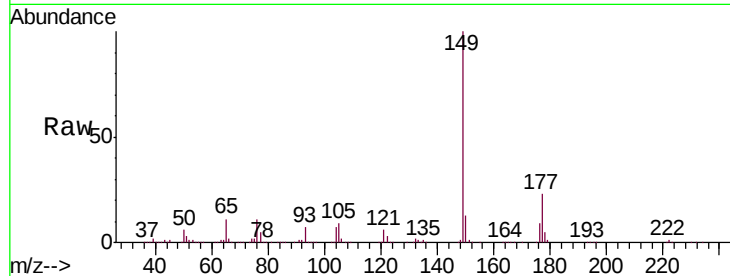




#59
Diethylphthalate
Concen: 44.801 ng
RT: 10.48 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

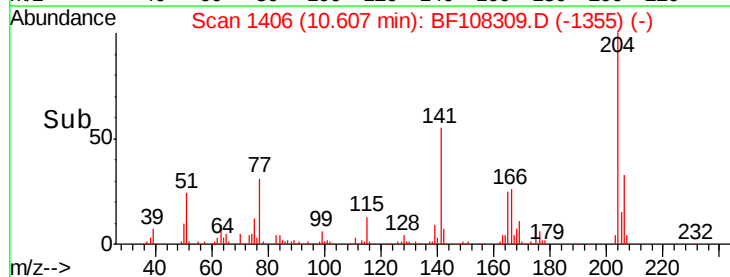
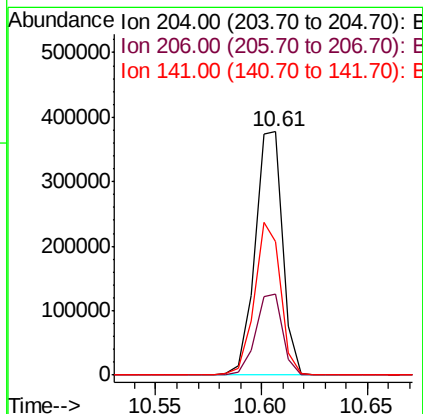
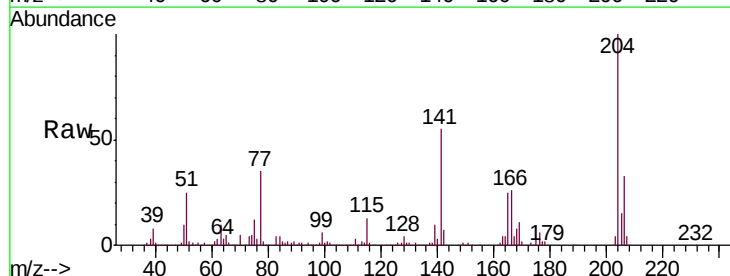
Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

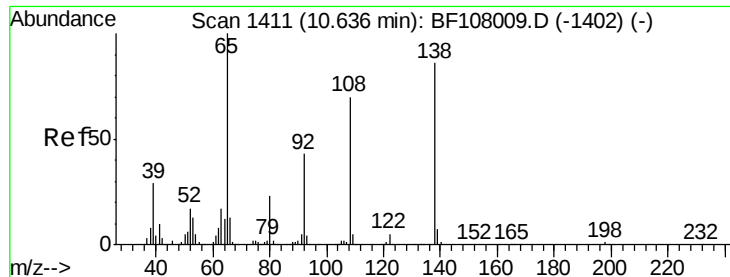
Tgt Ion:149 Resp: 727749
Ion Ratio Lower Upper
149 100
177 22.9 16.1 24.1
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.303 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

Tgt Ion:204 Resp: 343535
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 54.9 54.6 81.8

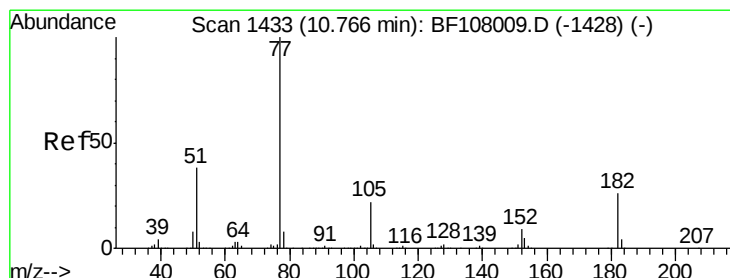
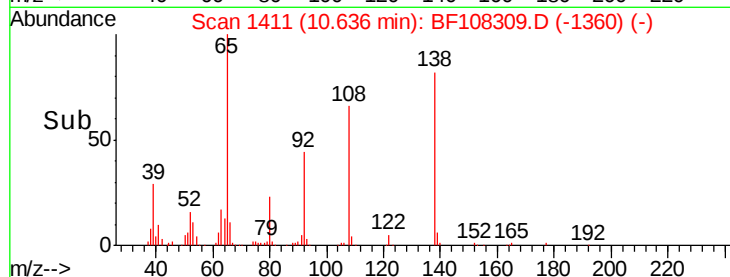
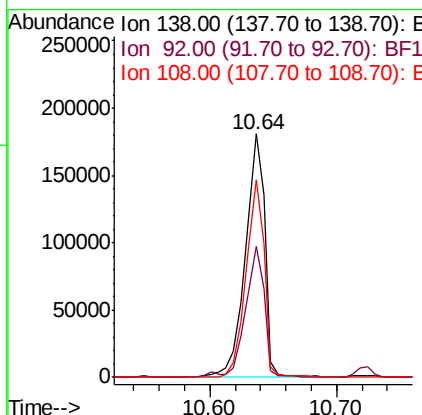
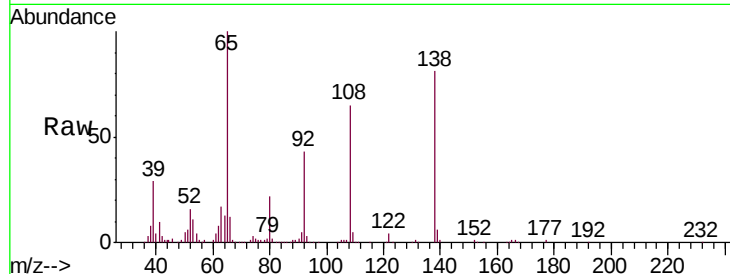




#61
4-Nitroaniline
Concen: 50.828 ng
RT: 10.64 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

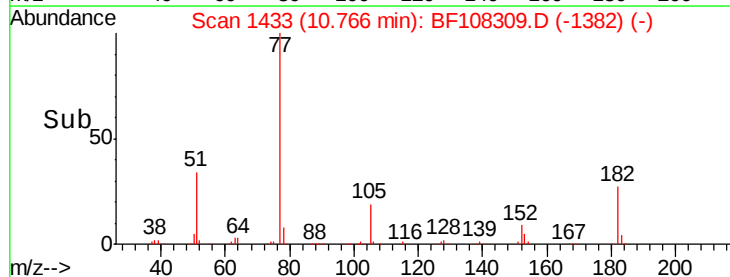
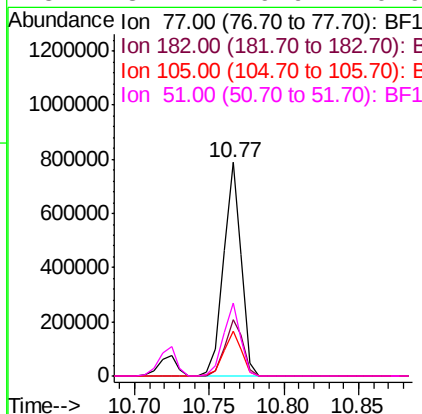
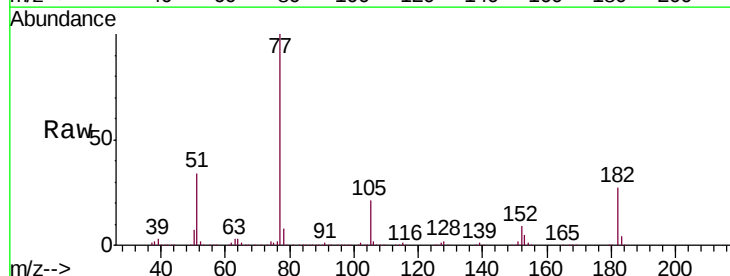
Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

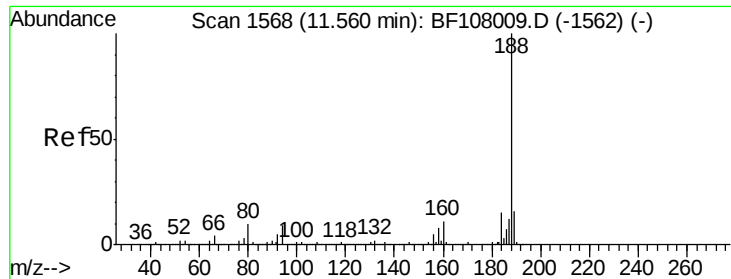
Tgt Ion: 138 Resp: 192974
Ion Ratio Lower Upper
138 100
92 53.9 30.2 70.2
108 81.1 52.5 92.5



#62
Azobenzene
Concen: 39.277 ng
RT: 10.77 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

Tgt Ion: 77 Resp: 658908
Ion Ratio Lower Upper
77 100
182 26.6 1.7 41.7
105 21.3 3.0 43.0
51 34.1 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: BF108309.D

Acq: 20 Aug 2018 23:55

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MS

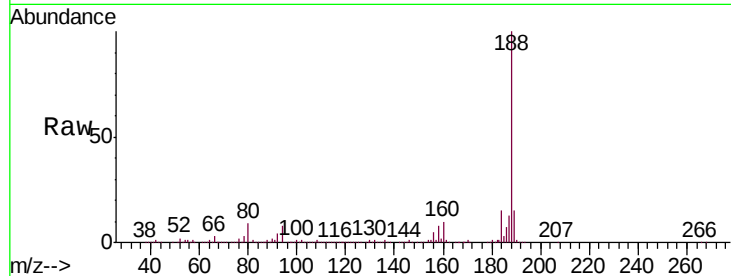
Tgt Ion:188 Resp: 438421

Ion Ratio Lower Upper

188 100

94 8.4 8.5 12.7#

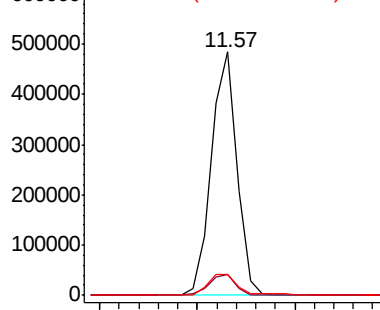
80 8.7 9.2 13.8#



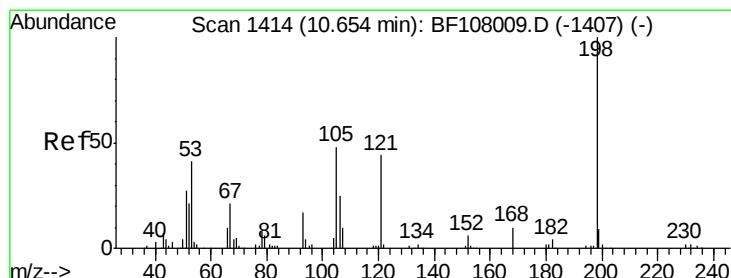
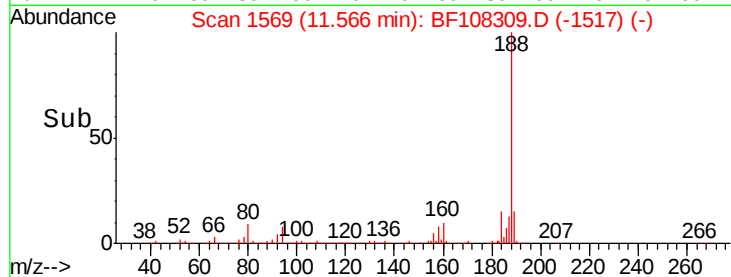
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time--> 11.50 11.55 11.60



#64

4,6-Dinitro-2-methylphenol

Concen: 8.153 ng

RT: 10.67 min Scan# 1416

Delta R.T. 0.01 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

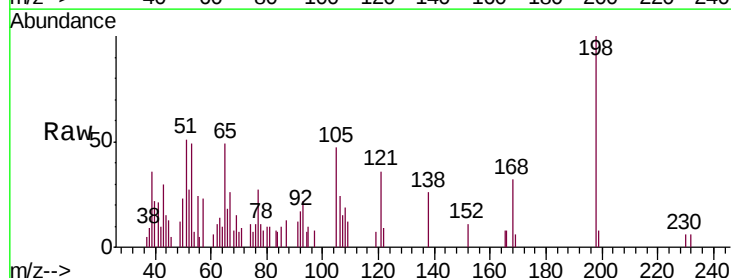
Tgt Ion:198 Resp: 5178

Ion Ratio Lower Upper

198 100

51 51.0 37.7 77.7

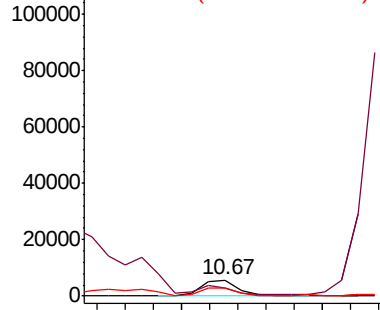
105 46.8 36.3 76.3



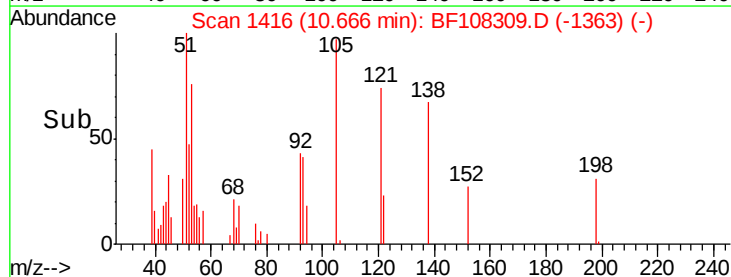
Abundance Ion 198.00 (197.70 to 198.70): E

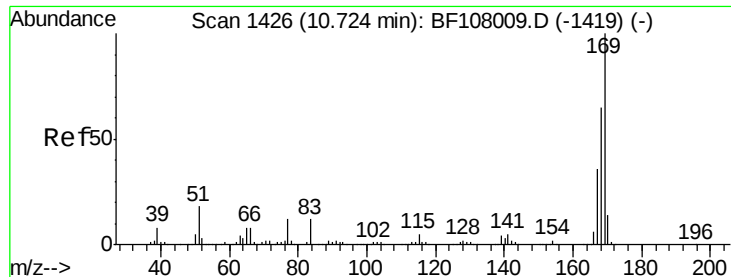
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time--> 10.65 10.70

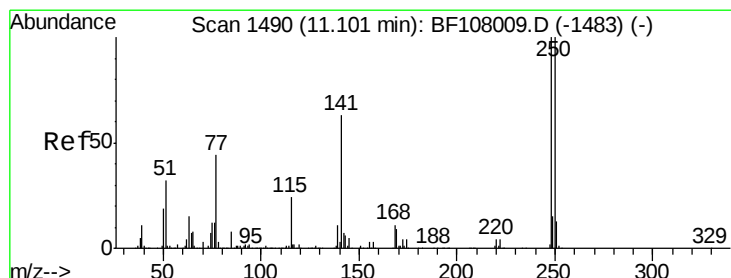
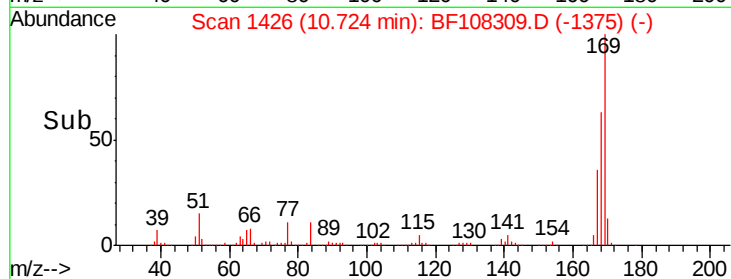
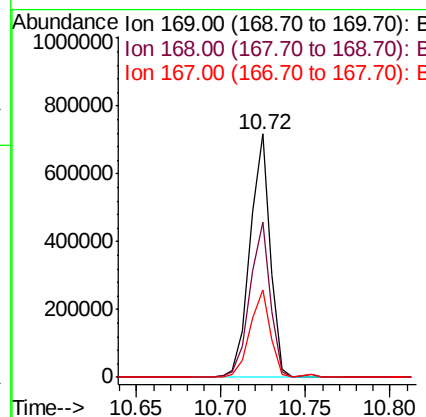
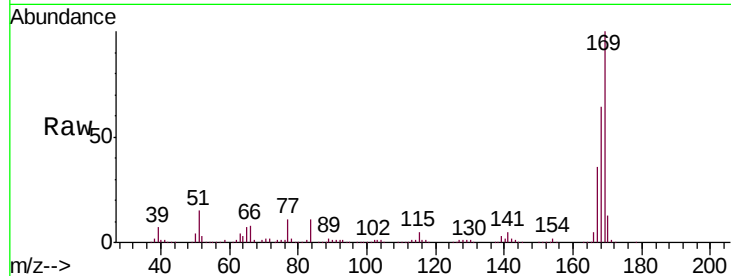




#65
 n-Nitrosodiphenylamine
 Concen: 46.516 ng
 RT: 10.72 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF108309.D
 Acq: 20 Aug 2018 23:55

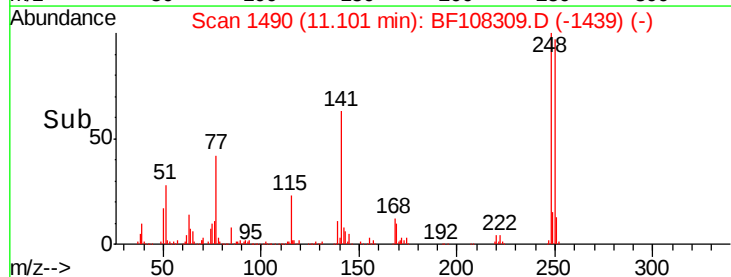
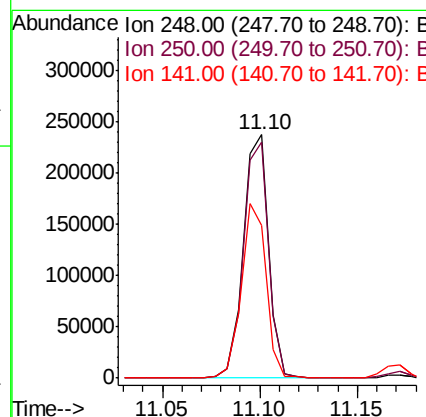
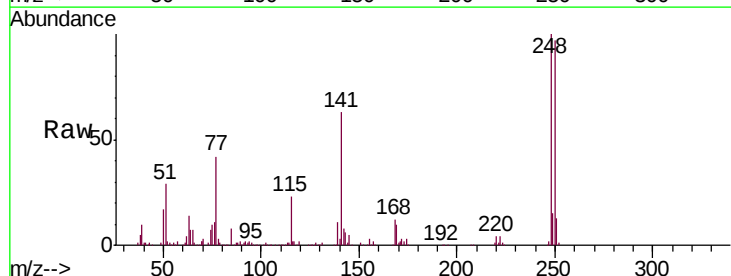
Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MS

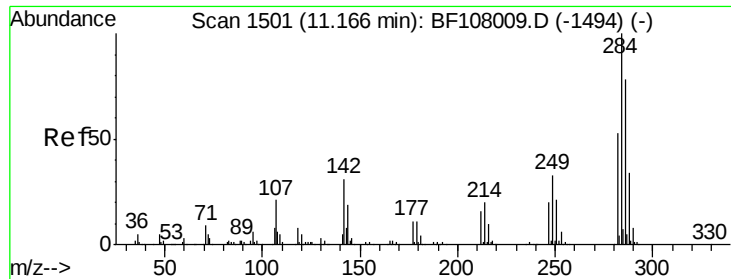
Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.5	54.4	81.6
167	35.7	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 44.691 ng
 RT: 11.10 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF108309.D
 Acq: 20 Aug 2018 23:55

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.9	115.3
141	62.8	74.4	111.6#

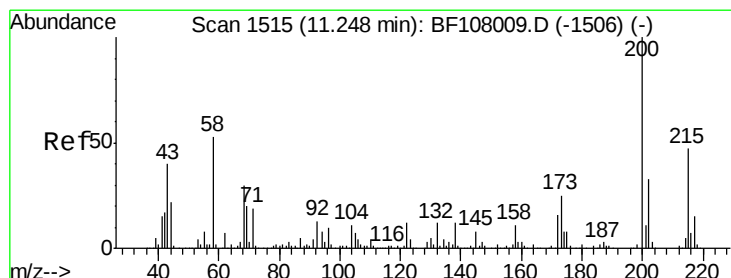
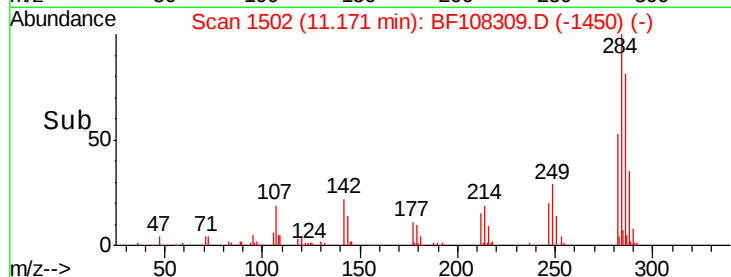
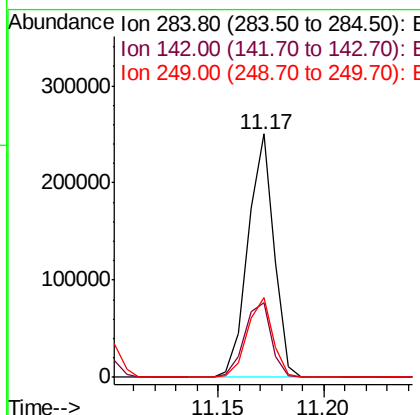
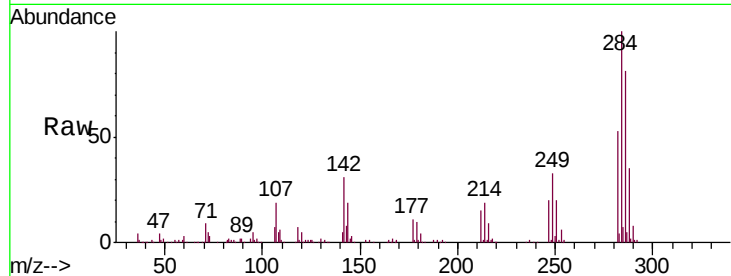




#67
Hexachlorobenzene
Concen: 42.672 ng
RT: 11.17 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

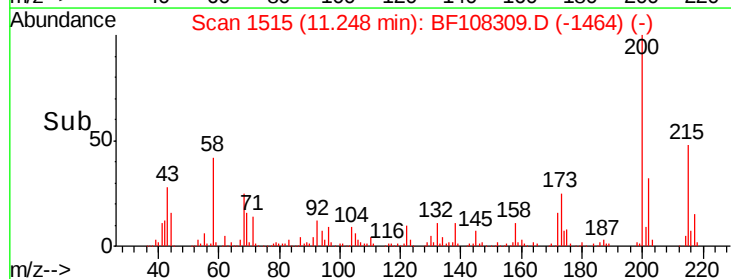
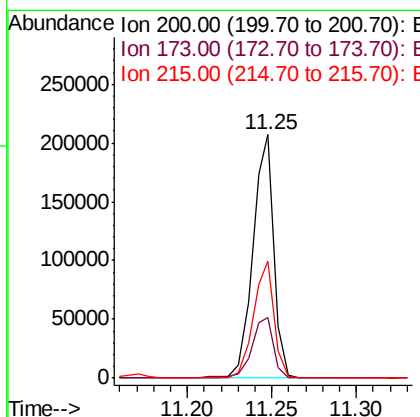
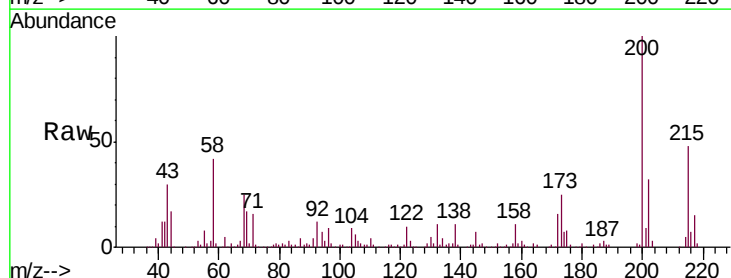
Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tgt Ion:284 Resp: 213912
Ion Ratio Lower Upper
284 100
142 30.7 34.6 52.0#
249 32.7 24.8 37.2



#68
Atrazine
Concen: 41.168 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

Tgt Ion:200 Resp: 178892
Ion Ratio Lower Upper
200 100
173 24.8 8.6 48.6
215 47.9 25.1 65.1

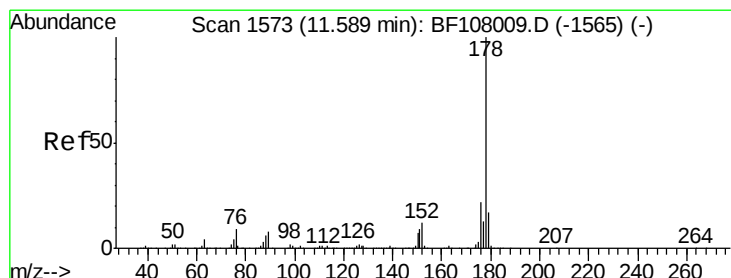
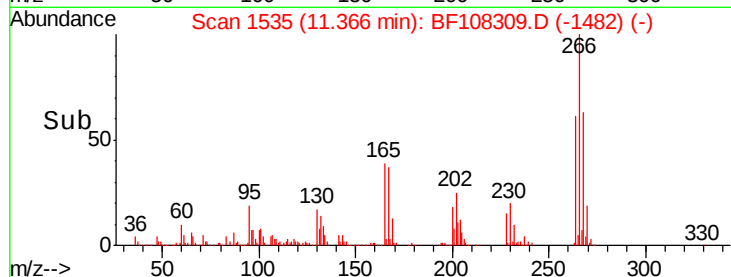
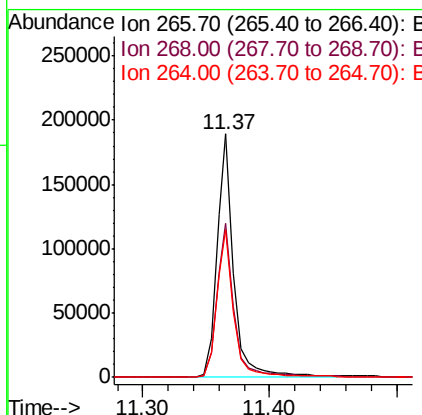
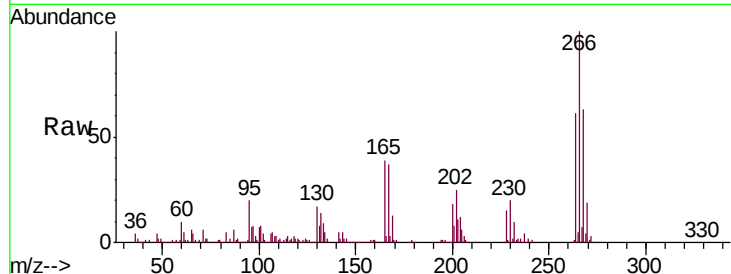




#69
 Pentachlorophenol
 Concen: 73.535 ng
 RT: 11.37 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: BF108309.D
 Acq: 20 Aug 2018 23:55

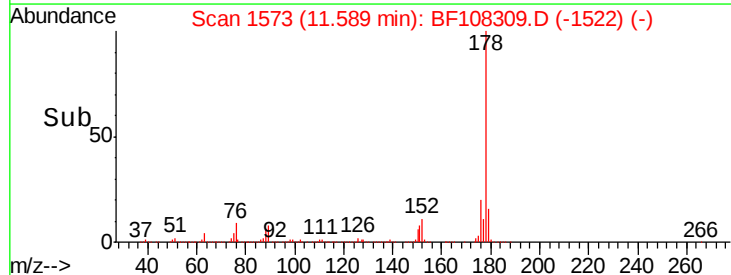
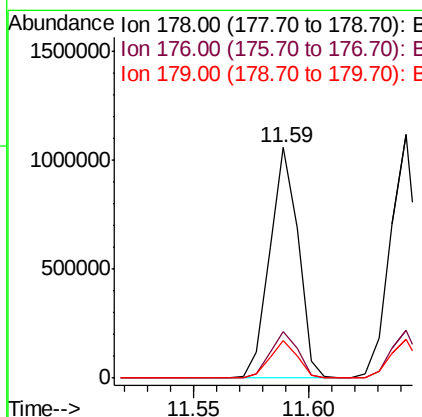
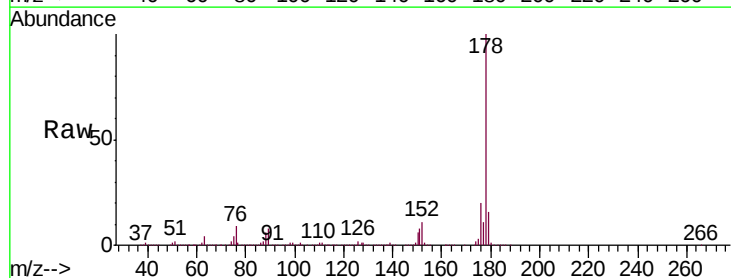
Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MS

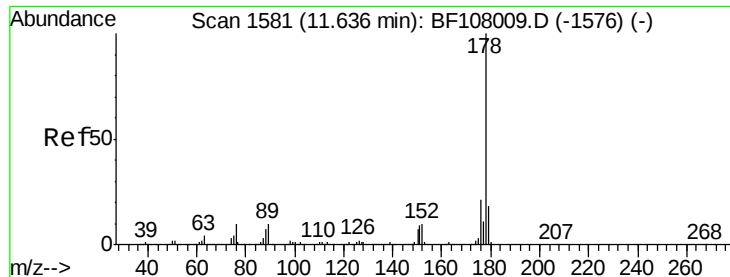
Tgt Ion: 266 Resp: 176441
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.1 76.7
 264 60.7 49.5 74.3



#70
 Phenanthrene
 Concen: 43.859 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF108309.D
 Acq: 20 Aug 2018 23:55

Tgt Ion: 178 Resp: 906954
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.8 23.8
 179 16.3 13.0 19.6

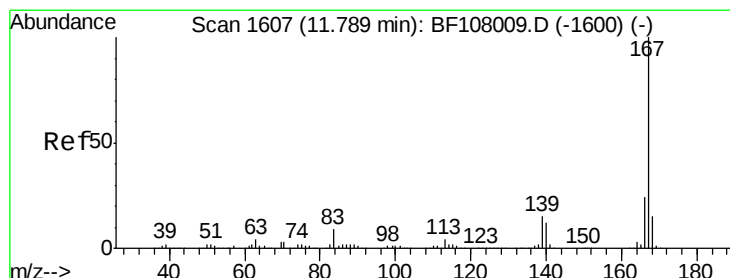
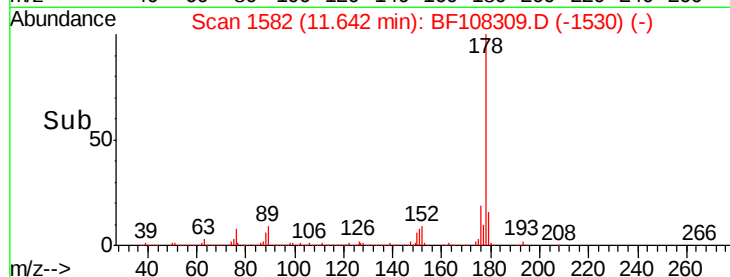
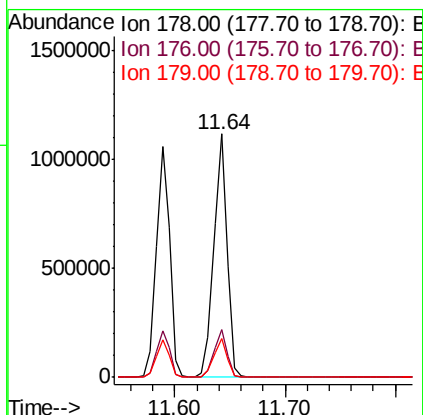
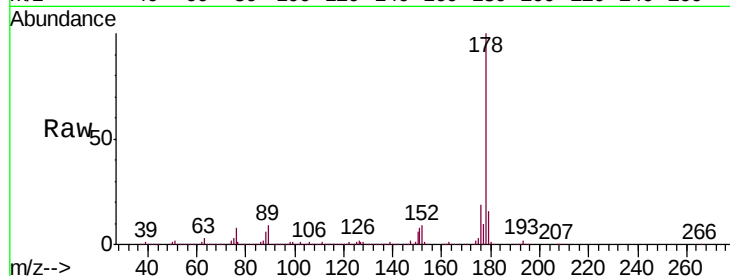




#71
 Anthracene
 Concen: 43.268 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108309.D
 Acq: 20 Aug 2018 23:55

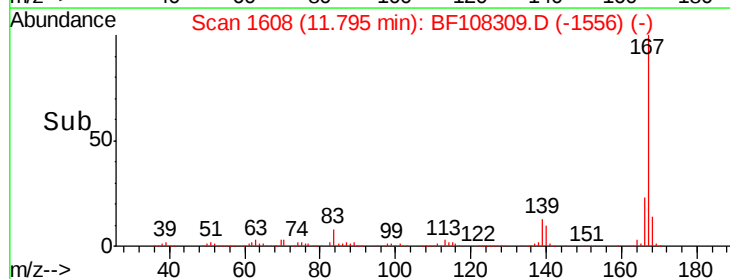
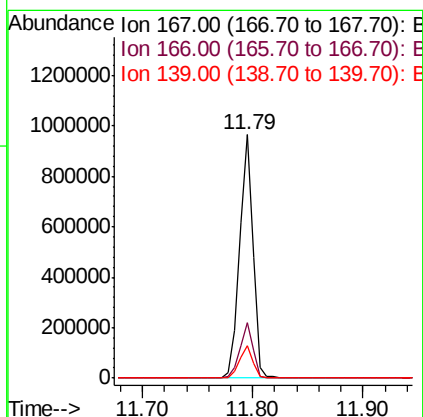
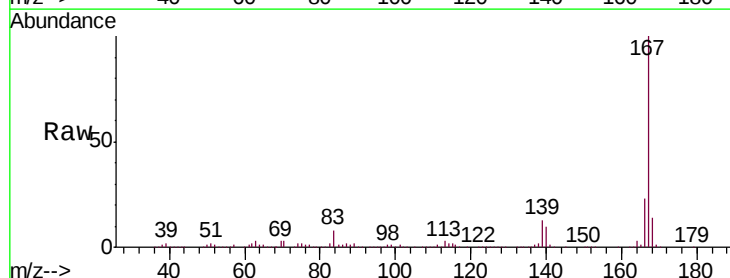
Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MS

Tgt Ion:178 Resp: 917039
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 43.916 ng
 RT: 11.79 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BF108309.D
 Acq: 20 Aug 2018 23:55

Tgt Ion:167 Resp: 826962
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 47.474 ng

RT: 12.11 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MS

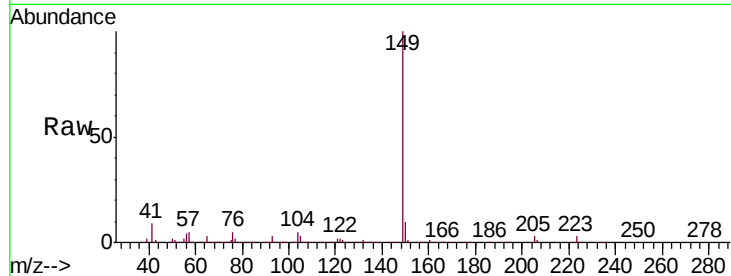
Tgt Ion:149 Resp: 1012571

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

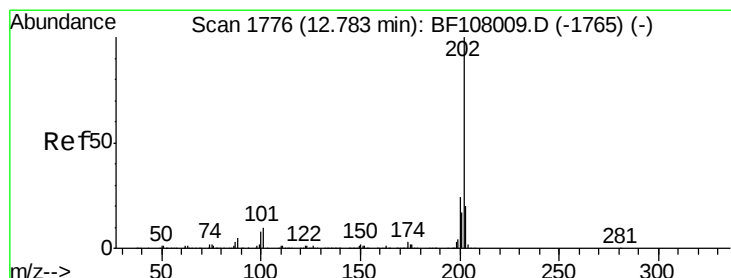
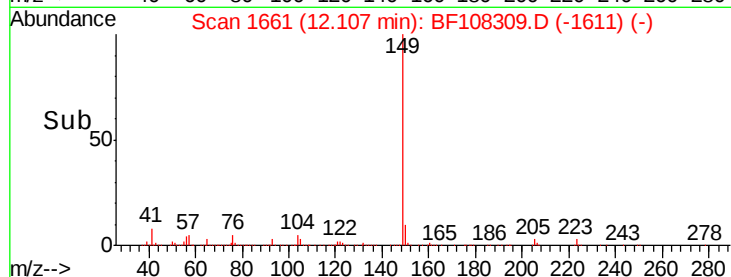
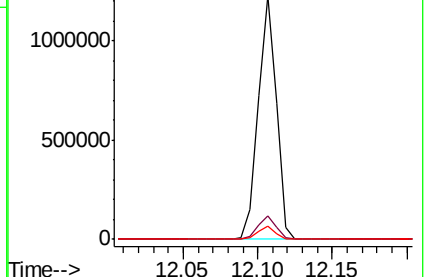
104 5.3 3.8 5.8



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: 41.928 ng

RT: 12.78 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

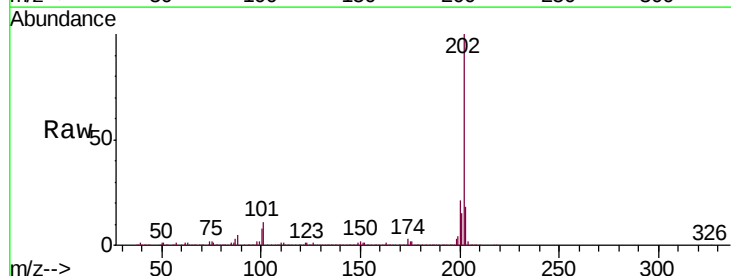
Tgt Ion:202 Resp: 946254

Ion Ratio Lower Upper

202 100

101 10.7 0.0 34.1

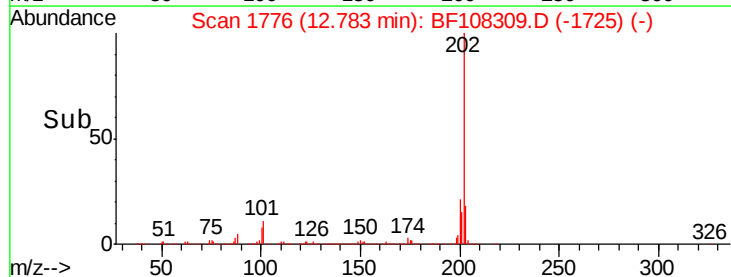
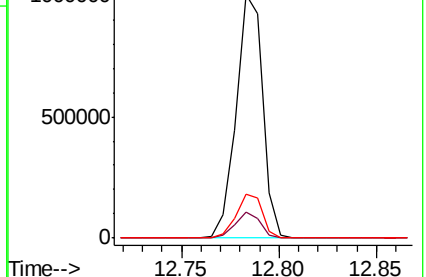
203 18.0 0.0 38.1

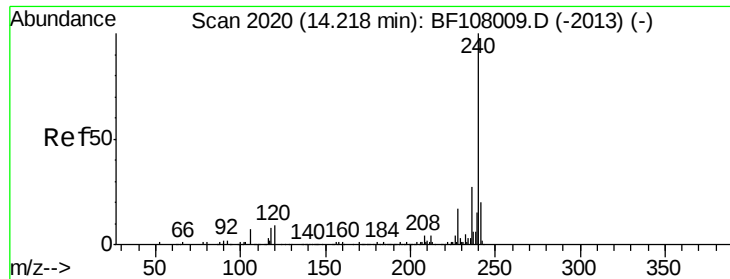


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF108309.D

Acq: 20 Aug 2018 23:55

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MS

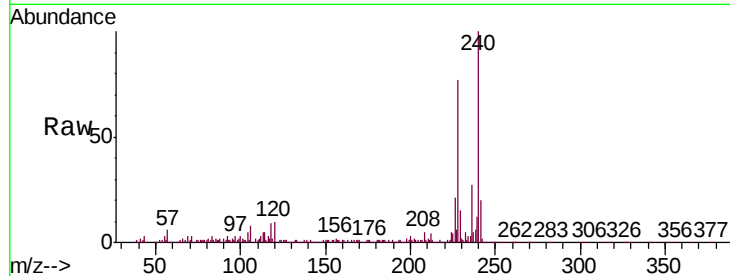
Tgt Ion:240 Resp: 283607

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

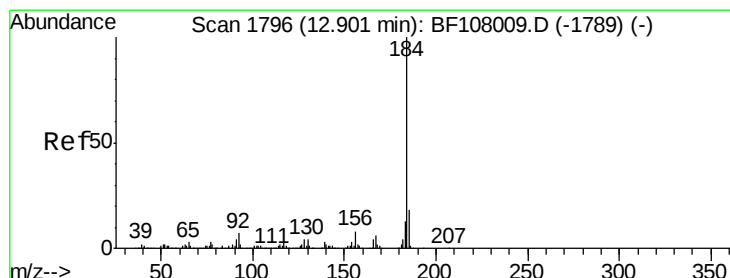
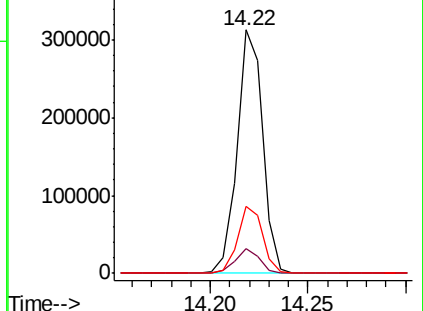
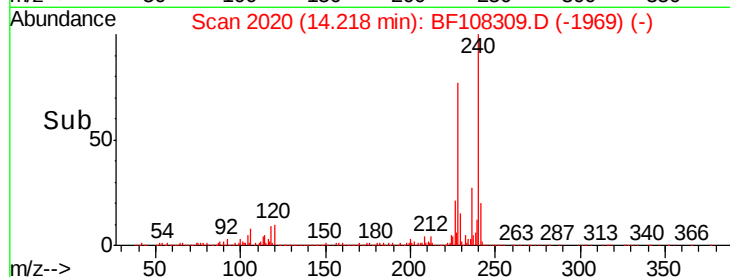
236 27.3 20.7 31.1



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: 62.702 ng

RT: 12.90 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

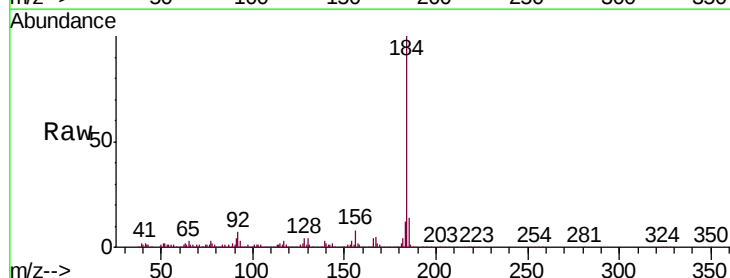
Tgt Ion:184 Resp: 664403

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

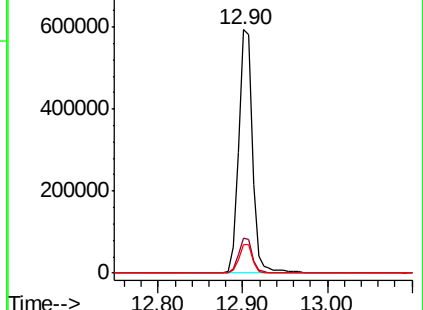
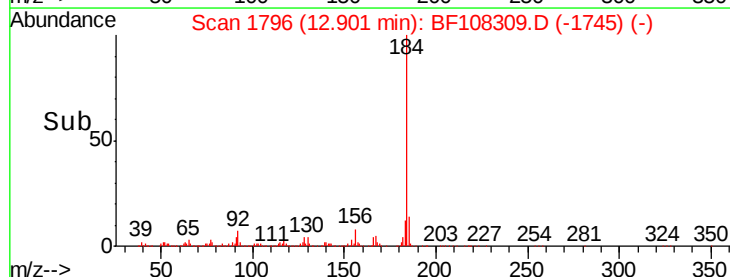
183 11.8 9.3 13.9

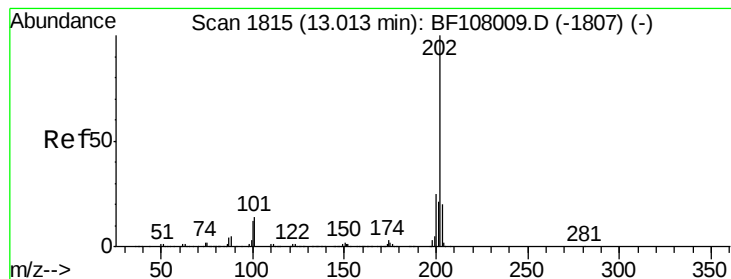


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 51.432 ng

RT: 13.02 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MS

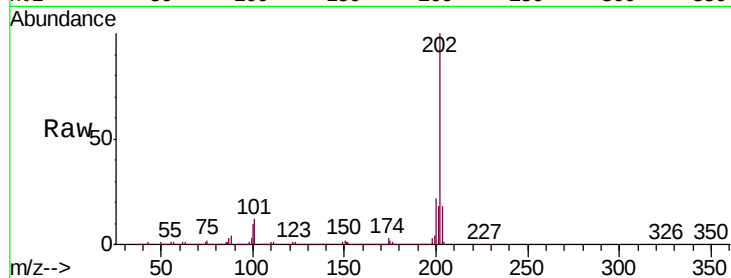
Tgt Ion:202 Resp: 923472

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

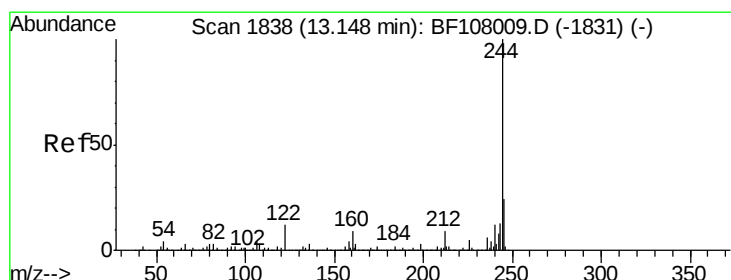
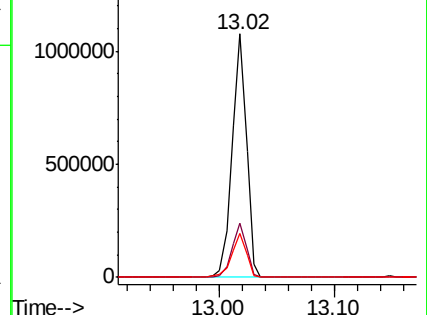
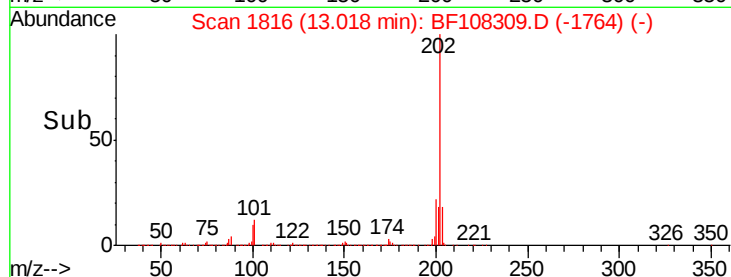
203 18.3 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 128.693 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

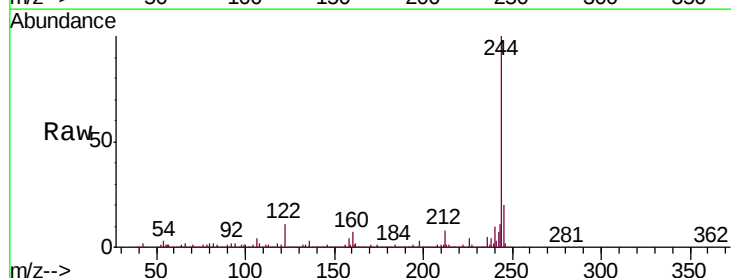
Tgt Ion:244 Resp: 1435489

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

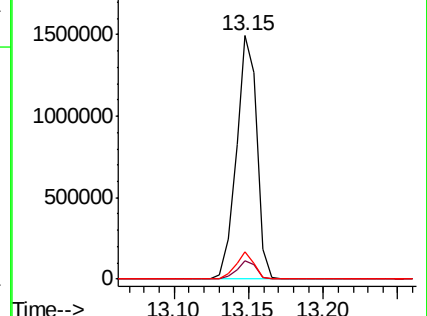
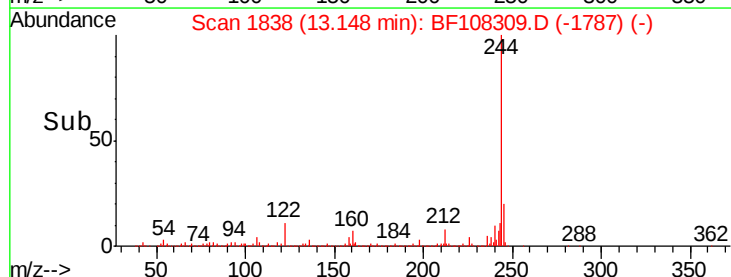
122 11.1 11.0 16.4

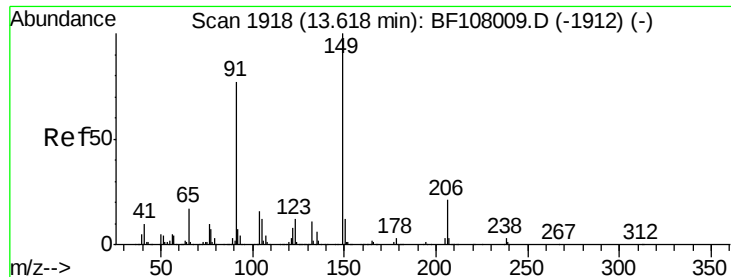


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

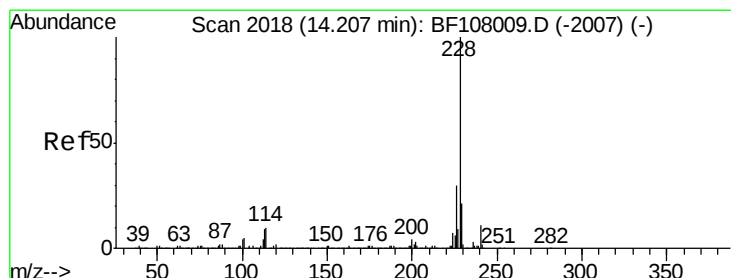
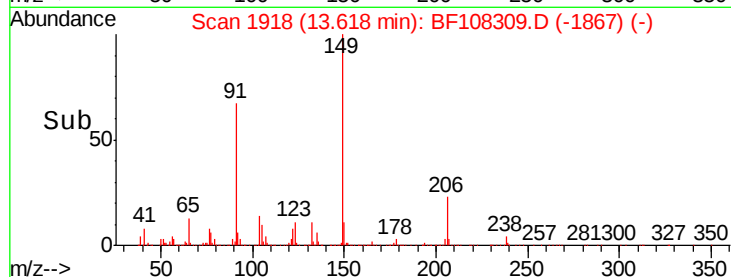
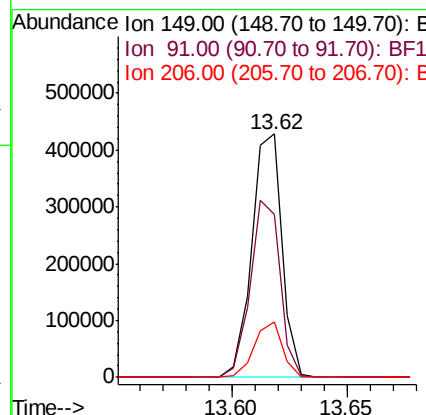
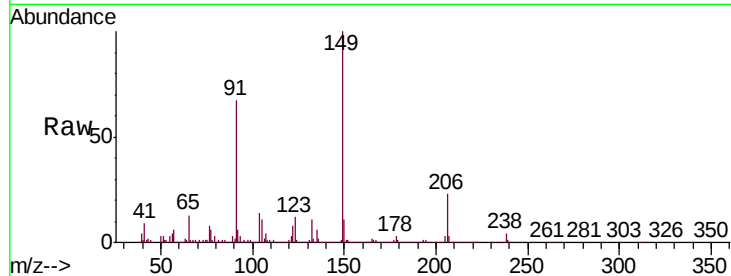




#79
Butylbenzylphthalate
Concen: 54.895 ng
RT: 13.62 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

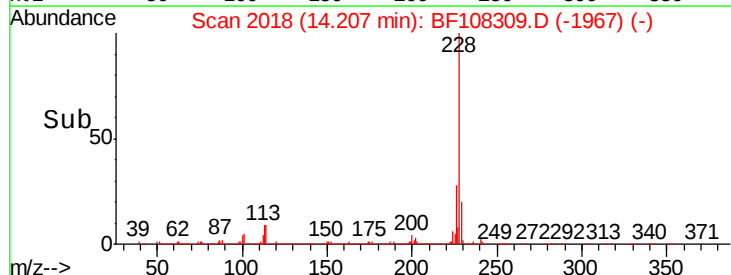
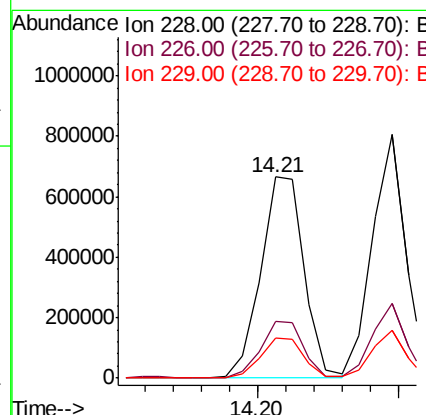
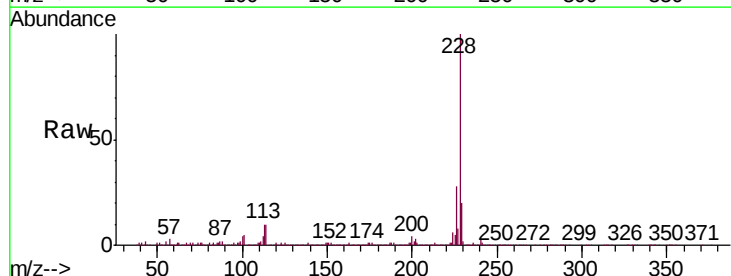
Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

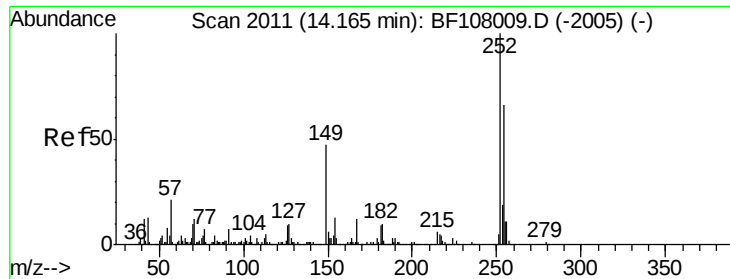
Tgt Ion:149 Resp: 391385
Ion Ratio Lower Upper
149 100
91 67.1 56.8 85.2
206 22.5 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 43.435 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

Tgt Ion:228 Resp: 706951
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.1 15.8 23.6

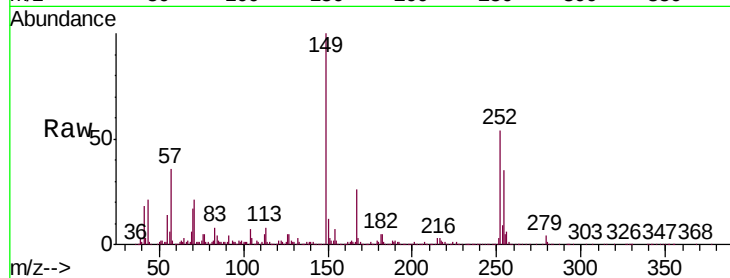




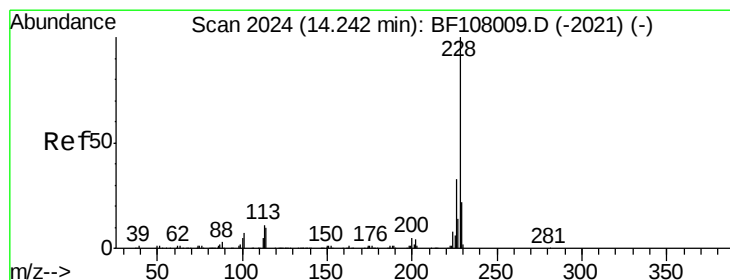
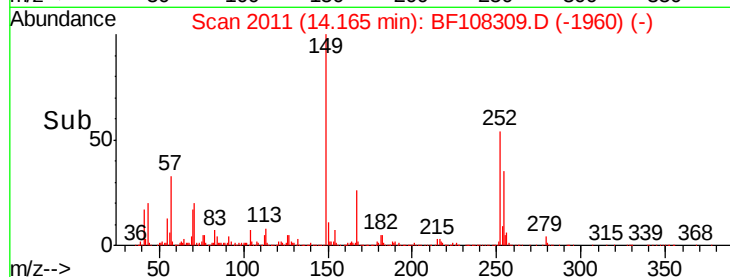
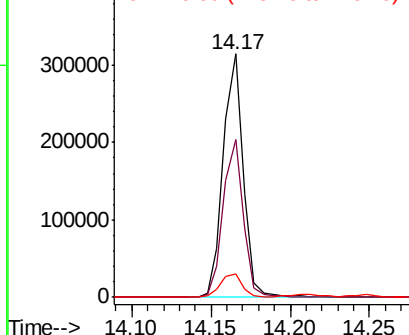
#81
 3,3'-Dichlorobenzidine
 Concen: 47.152 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF108309.D
 Acq: 20 Aug 2018 23:55

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.4	75.6
126	9.6	11.3	16.9#

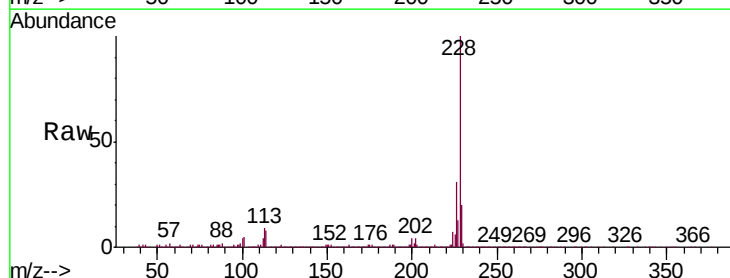


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

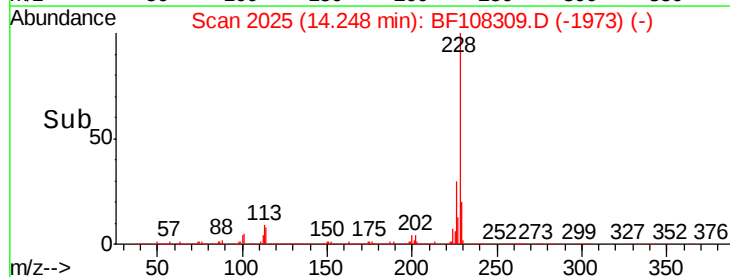
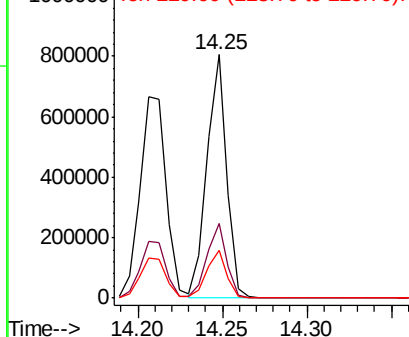


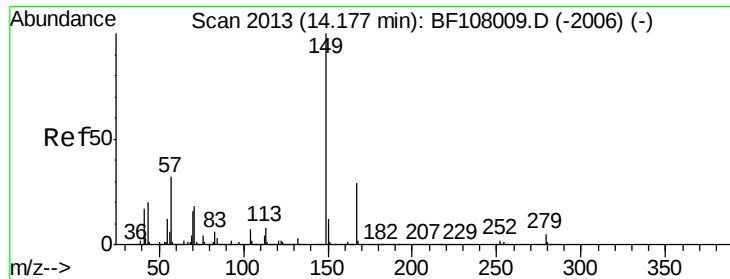
#82
 Chrysene
 Concen: 44.008 ng
 RT: 14.25 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF108309.D
 Acq: 20 Aug 2018 23:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.8	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: 52.886 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MS

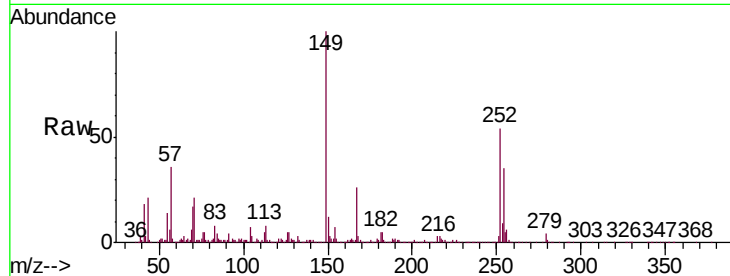
Tgt Ion:149 Resp: 510612

Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

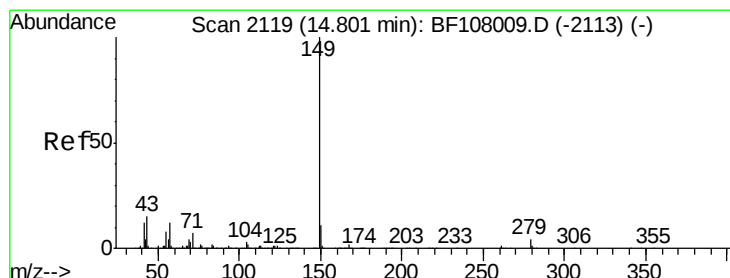
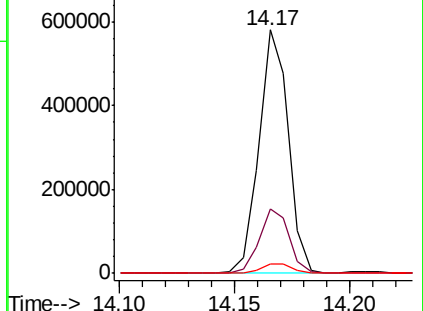
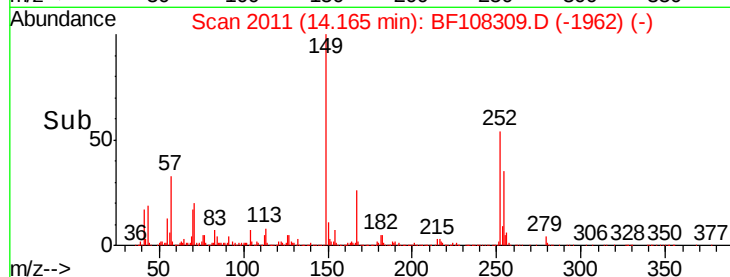
279 3.9 3.0 4.4



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: 53.939 ng

RT: 14.79 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

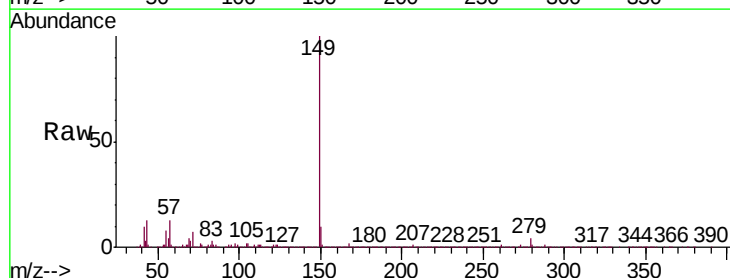
Tgt Ion:149 Resp: 794236

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

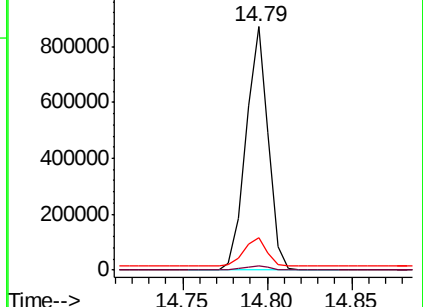
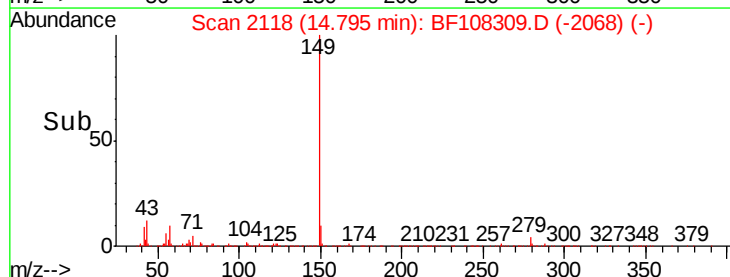
43 12.1 8.4 12.6

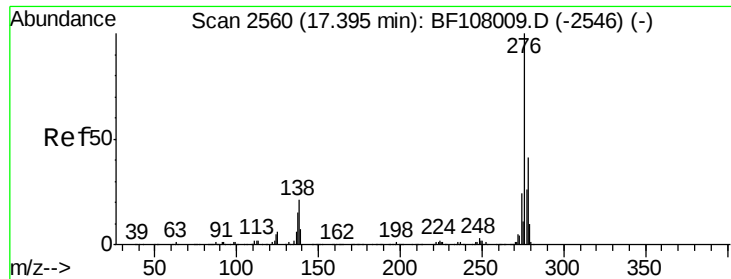


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

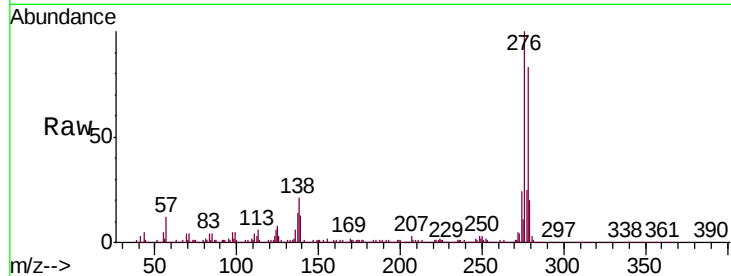




#85
Indeno(1,2,3-cd)pyrene
Concen: 43.290 ng
RT: 17.42 min Scan# 2565
Delta R.T. 0.03 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	25.0	37.6#
277	24.2	20.1	30.1

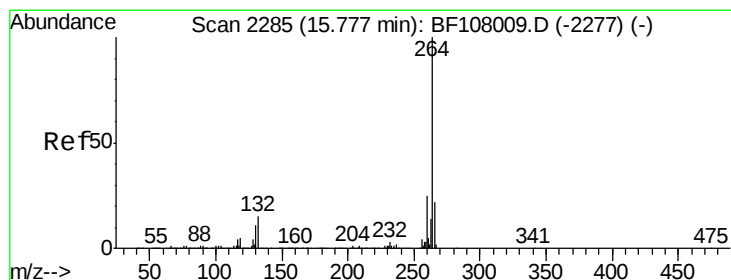
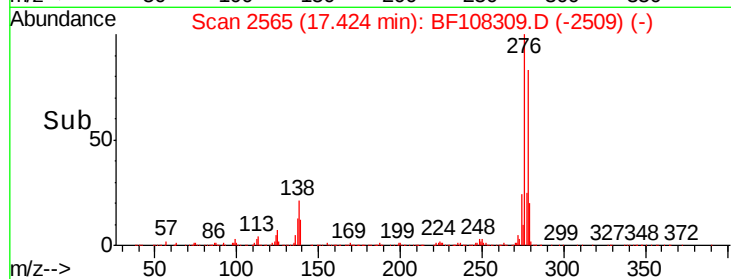
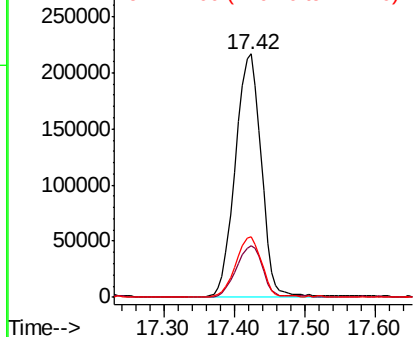


Abundance

Ion 276.00 (275.70 to 276.70): E

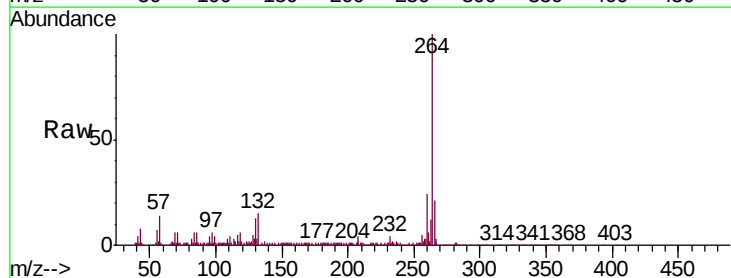
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	20.7	17.5	26.3

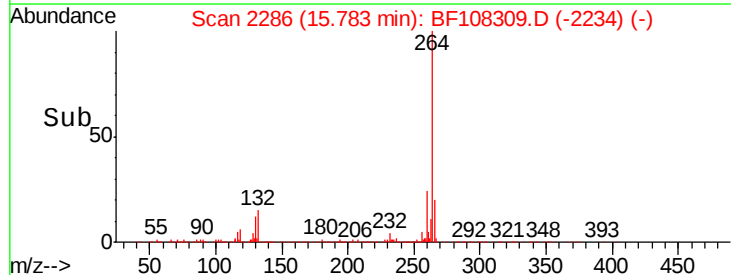
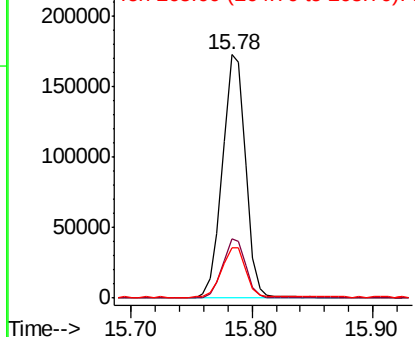


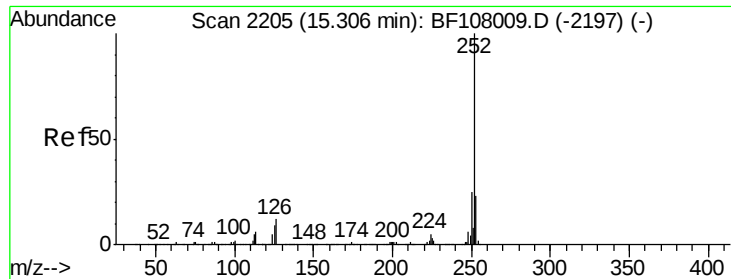
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 42.669 ng

RT: 15.31 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MS

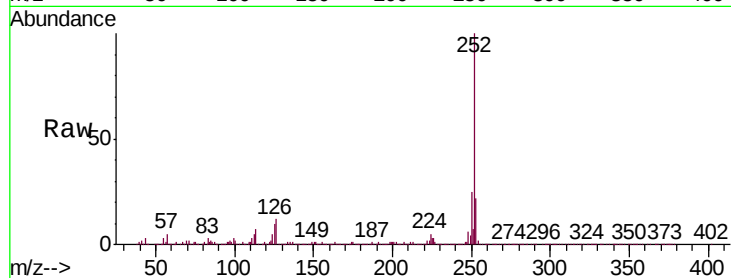
Tgt Ion:252 Resp: 580492

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

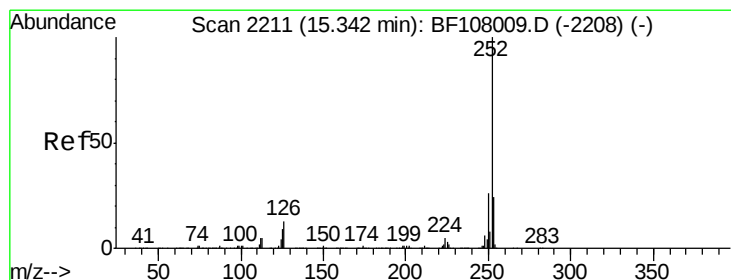
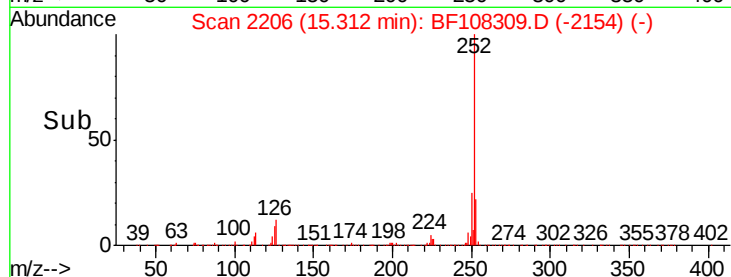
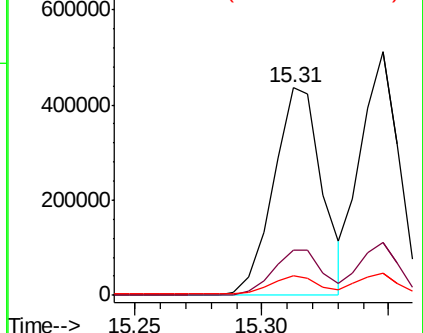
125 9.7 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.698 ng

RT: 15.35 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BF108309.D

Acq: 20 Aug 2018 23:55

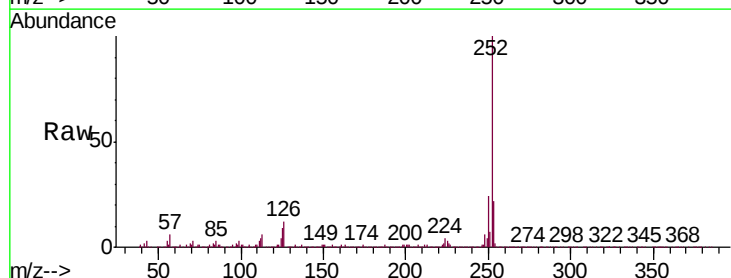
Tgt Ion:252 Resp: 533973

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

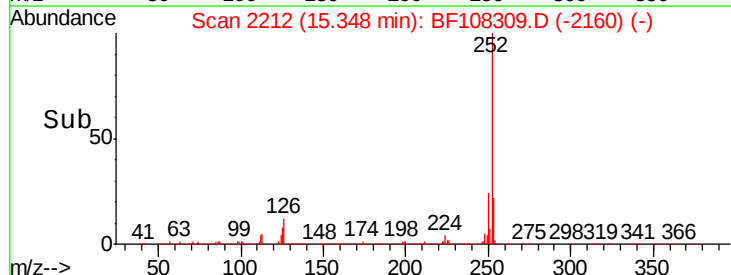
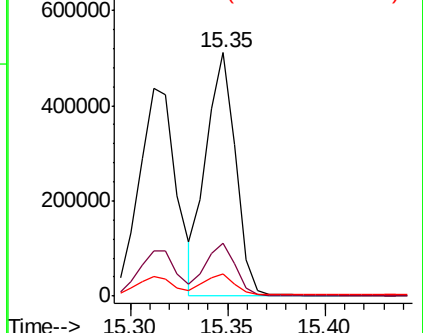
125 9.0 10.2 15.2#

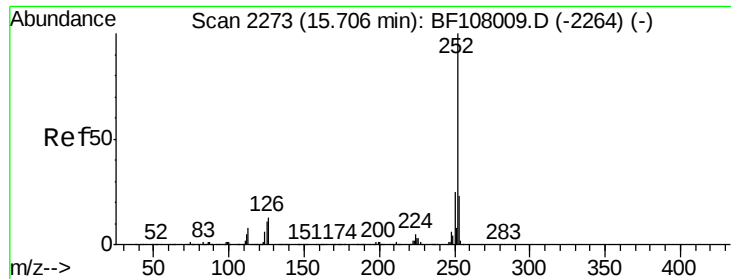


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

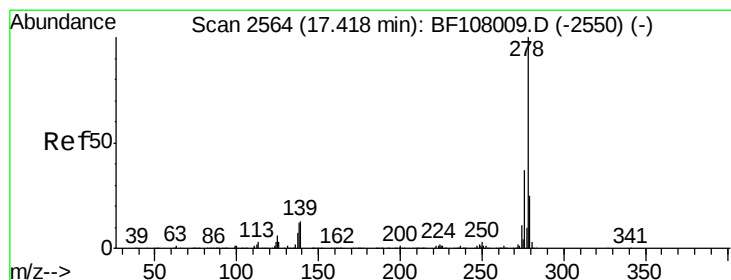
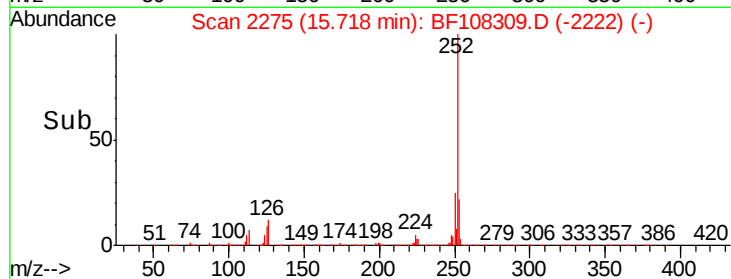
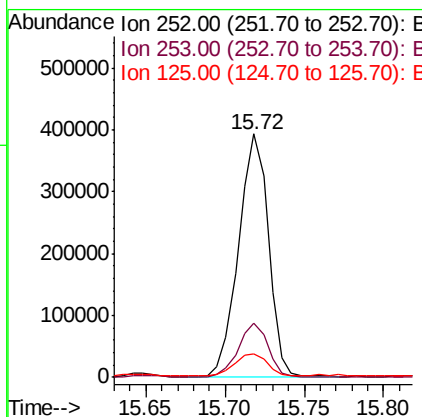
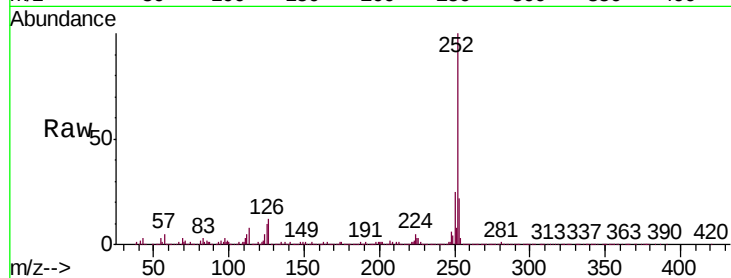




#89
Benzo(a)pyrene
Concen: 42.417 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

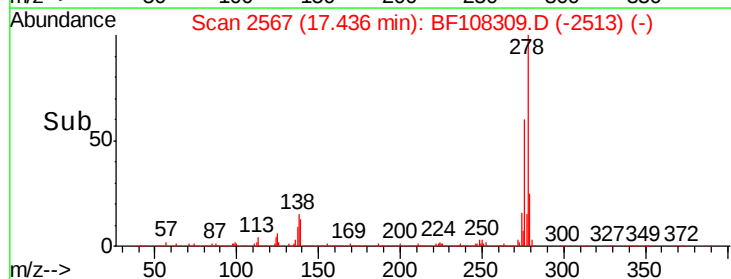
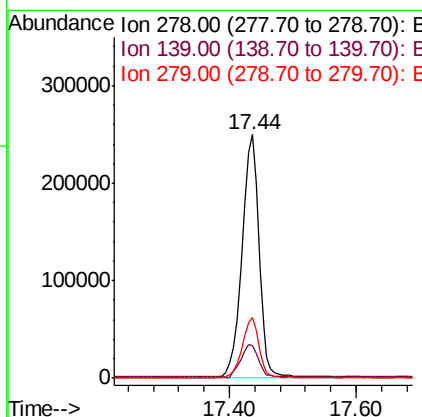
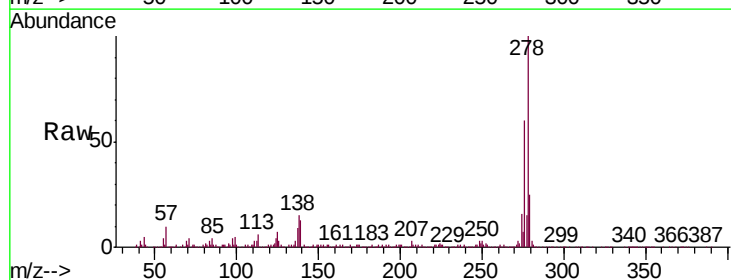
Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

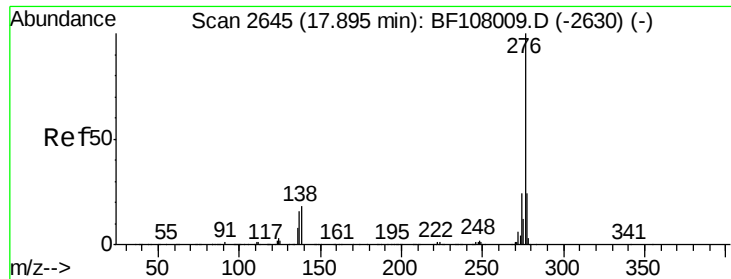
Tgt Ion:252 Resp: 516745
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 9.9 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 46.304 ng
RT: 17.44 min Scan# 2567
Delta R.T. 0.02 min
Lab File: BF108309.D
Acq: 20 Aug 2018 23:55

Tgt Ion:278 Resp: 466735
Ion Ratio Lower Upper
278 100
139 13.4 15.9 23.9#
279 24.7 19.0 28.4





#91
 Benzo(g,h,i)perylene
 Concen: 44.885 ng
 RT: 17.92 min Scan# 2649
 Delta R.T. 0.02 min
 Lab File: BF108309.D
 Acq: 20 Aug 2018 23:55

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	18.3	21.8	32.8

