

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
 Data File : BF108567.D
 Acq On : 28 Aug 2018 20:34
 Operator : JU/SJ
 Sample : J4535-04MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MS

Quant Time: Aug 29 01:35:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	102712	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	384048	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	179115	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	292061	20.00	ng	0.00
75) Chrysene-d12	14.20	240	238942	20.00	ng	0.00
86) Perylene-d12	15.75	264	194597	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	660507	116.42	ng	0.01
7) Phenol-d6	6.64	99	866868	114.98	ng	0.01
23) Nitrobenzene-d5	7.57	82	569739	82.78	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	202714	113.46	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	939529	84.21	ng	0.00
78) Terphenyl-d14	13.12	244	783347	83.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.93	88	83371	28.599	ng	88
3) Pyridine	3.71	79	216927	28.888	ng	87
4) n-Nitrosodimethylamine	3.67	42	127384	30.147	ng	82
6) Aniline	6.67	93	253835	24.753	ng	# 80
8) 2-Chlorophenol	6.80	128	251704	39.393	ng	98
9) Benzaldehyde	6.56	77	123313	21.097	ng	98
10) Phenol	6.65	94	313818	40.242	ng	88
11) bis(2-Chloroethyl)ether	6.74	93	231502	36.720	ng	96
12) 1,3-Dichlorobenzene	6.94	146	282273	38.206	ng	97
13) 1,4-Dichlorobenzene	7.02	146	291939	39.329	ng	98
14) 1,2-Dichlorobenzene	7.17	146	270312	39.150	ng	98
15) Benzyl Alcohol	7.14	79	233195	36.743	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	438932	33.796	ng	80
17) 2-Methylphenol	7.25	107	208250	38.005	ng	# 89
18) Hexachloroethane	7.51	117	95885	36.283	ng	95
19) n-Nitroso-di-n-propylamine	7.41	70	189132	37.098	ng	91
20) 3+4-Methylphenols	7.41	107	268855	38.288	ng	# 52
22) Acetophenone	7.41	105	367658	40.942	ng	# 85
24) Nitrobenzene	7.58	77	279155	40.111	ng	94
25) Isophorone	7.82	82	497295	37.909	ng	97
26) 2-Nitrophenol	7.90	139	117336	44.644	ng	94
27) 2,4-Dimethylphenol	7.93	122	210271	36.115	ng	96
28) bis(2-Chloroethoxy)methane	8.02	93	302367	39.484	ng	98
29) 2,4-Dichlorophenol	8.14	162	223174	41.653	ng	99
30) 1,2,4-Trichlorobenzene	8.22	180	235738	39.906	ng	94
31) Naphthalene	8.31	128	726474	41.594	ng	99
32) Benzoic acid	8.01	122	12102	9.111	ng	93
33) 4-Chloroaniline	8.36	127	185088	24.317	ng	100
34) Hexachlorobutadiene	8.41	225	152593	40.804	ng	99
35) Caprolactam	8.72	113	59823	35.629	ng	# 78
36) 4-Chloro-3-methylphenol	8.84	107	225779	39.061	ng	98
37) 2-Methylnaphthalene	9.00	142	484342	39.195	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	244883	44.521	ng	97
40) Hexachlorocyclopentadiene	9.14	237	51571	14.516	ng	96

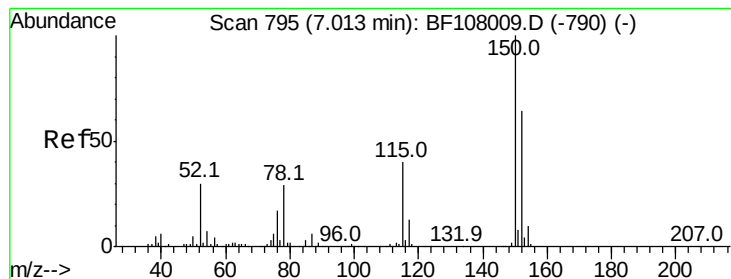
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
 Data File : BF108567.D
 Acq On : 28 Aug 2018 20:34
 Operator : JU/SJ
 Sample : J4535-04MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MS

Quant Time: Aug 29 01:35:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	153293	44.910	nq	100
43) 2,4,5-Trichlorophenol	9.32	196	161133	42.884	nq	95
45) 1,1'-Biphenyl	9.46	154	585638	44.346	nq	98
46) 2-Chloronaphthalene	9.49	162	444048	42.543	nq	98
47) 2-Nitroaniline	9.59	65	147111	43.560	nq	84
48) Acenaphthylene	9.91	152	693012	41.998	nq	100
49) Dimethylphthalate	9.76	163	613363	49.160	nq	# 99
50) 2,6-Dinitrotoluene	9.83	165	111263	42.623	nq	97
51) Acenaphthene	10.08	154	394612	39.044	nq	99
52) 3-Nitroaniline	10.01	138	96221	33.690	nq	99
53) 2,4-Dinitrophenol	10.11	184	8657	15.105	nq	# 25
54) Dibenzofuran	10.25	168	596459	40.734	nq	99
55) 4-Nitrophenol	10.18	139	130499	60.338	nq	88
56) 2,4-Dinitrotoluene	10.24	165	138472	41.211	nq	# 99
57) Fluorene	10.60	166	458734	39.575	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	116730	37.169	nq	# 86
59) Diethylphthalate	10.45	149	513891	42.534	nq	96
60) 4-Chlorophenyl-phenylether	10.58	204	242328	40.121	nq	91
61) 4-Nitroaniline	10.62	138	97347	34.474	nq	94
62) Azobenzene	10.74	77	465650	37.320	nq	94
64) 4,6-Dinitro-2-methylphenol	10.65	198	12882	15.795	nq	86
65) n-Nitrosodiphenylamine	10.70	169	412009	47.738	nq	96
66) 4-Bromophenyl-phenylether	11.08	248	145170	45.738	nq	# 84
67) Hexachlorobenzene	11.15	284	142521	42.678	nq	# 85
68) Atrazine	11.22	200	131383	45.386	nq	96
69) Pentachlorophenol	11.35	266	112231	70.214	nq	99
70) Phenanthrene	11.57	178	578602	42.002	nq	99
71) Anthracene	11.62	178	587641	41.621	nq	100
72) Carbazole	11.78	167	511569	40.781	nq	100
73) Di-n-butylphthalate	12.08	149	650811	45.804	nq	99
74) Fluoranthene	12.76	202	585920	38.972	nq	95
76) Benzidine	12.88	184	187767	21.033	nq	97
77) Pyrene	13.00	202	578661	38.252	nq	99
79) Butylbenzylphthalate	13.60	149	250081	41.632	nq	# 93
80) Benzo(a)anthracene	14.19	228	558745	40.746	nq	100
81) 3,3'-Dichlorobenzidine	14.14	252	192166	39.103	nq	# 96
82) Chrysene	14.22	228	513074	40.811	nq	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	338709	41.639	nq	100
84) Di-n-octyl phthalate	14.77	149	603466	48.644	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	377580	34.663	nq	# 89
87) Benzo(b)fluoranthene	15.28	252	477099	41.030	nq	# 96
88) Benzo(k)fluoranthene	15.32	252	457362	42.788	nq	# 95
89) Benzo(a)pyrene	15.69	252	417592	40.105	nq	# 96
90) Dibenzo(a,h)anthracene	17.38	278	323896	37.595	nq	# 92
91) Benzo(g,h,i)perylene	17.87	276	296154	34.910	nq	# 88

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

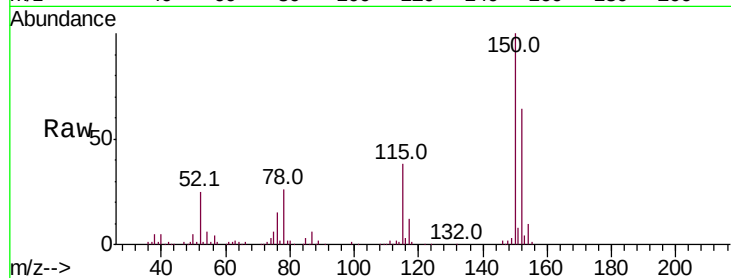


#1

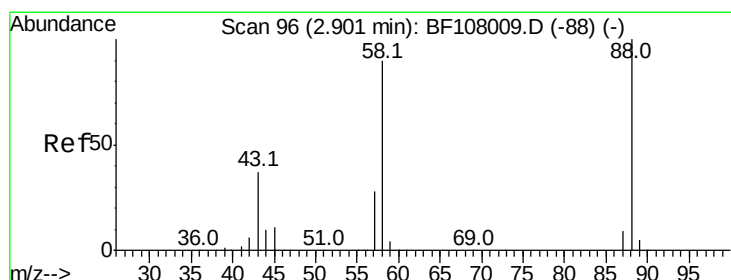
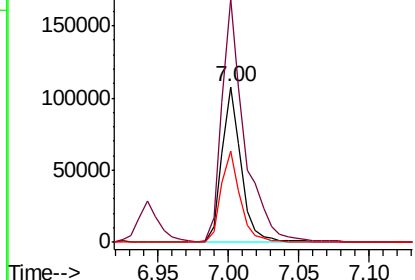
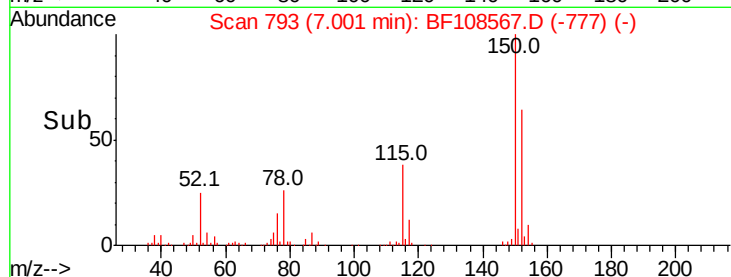
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108567.D
Acq: 28 Aug 2018 20:34

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

Tot Ion:152 Resp: 102712
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 59.1 50.1 75.1



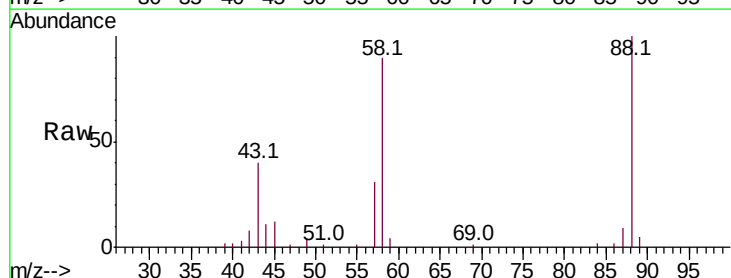
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



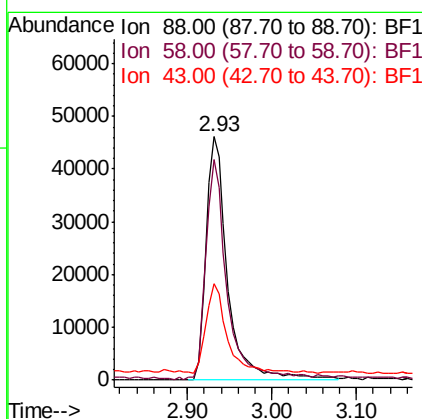
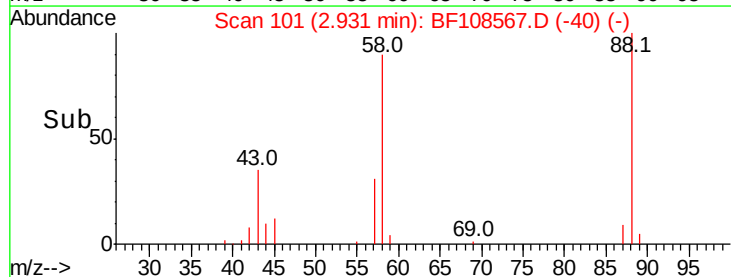
#2

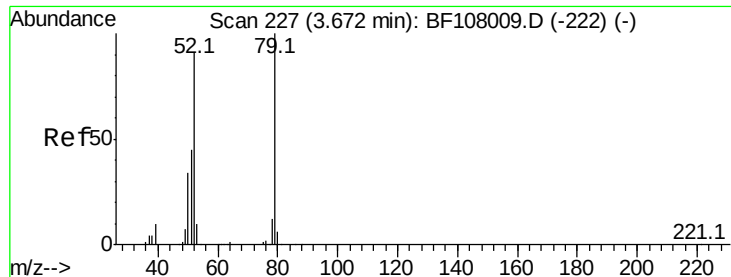
1,4-Dioxane
Concen: 28.599 ng
RT: 2.93 min Scan# 101
Delta R.T. 0.06 min
Lab File: BF108567.D
Acq: 28 Aug 2018 20:34

Tgt Ion: 88 Resp: 83371
Ion Ratio Lower Upper
88 100
58 89.8 62.6 93.8
43 34.9 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 28.888 ng

RT: 3.71 min Scan# 234

Delta R.T. 0.05 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036MS

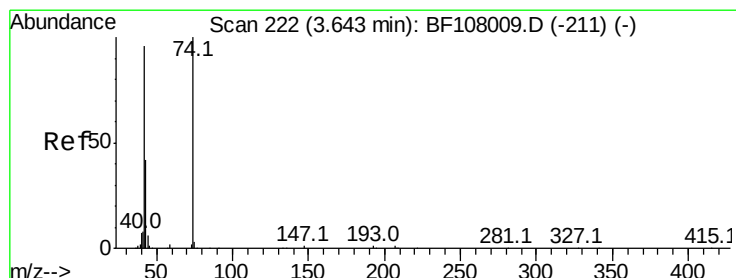
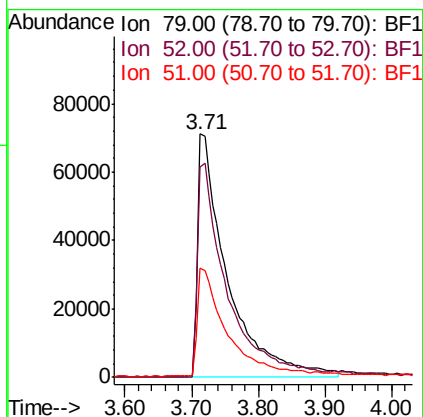
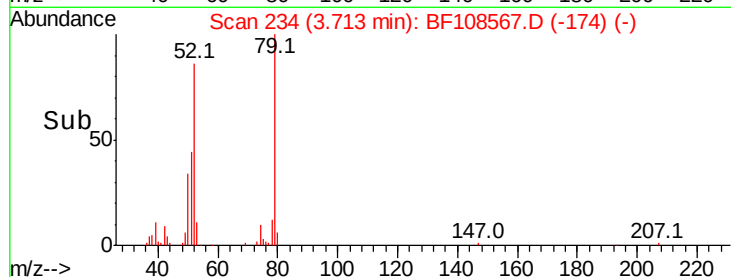
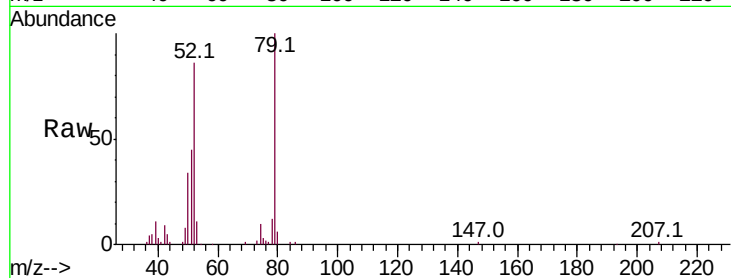
Tot Ion: 79 Resp: 216927

Ion Ratio Lower Upper

79 100

52 86.5 59.8 89.6

51 44.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 30.147 ng

RT: 3.67 min Scan# 227

Delta R.T. 0.04 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

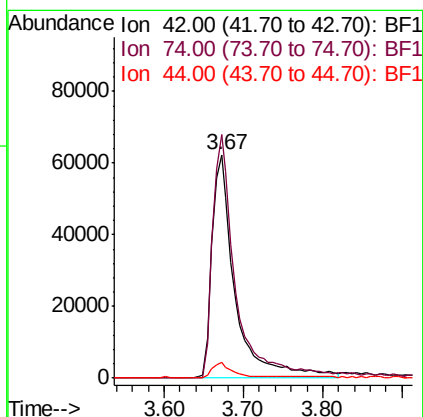
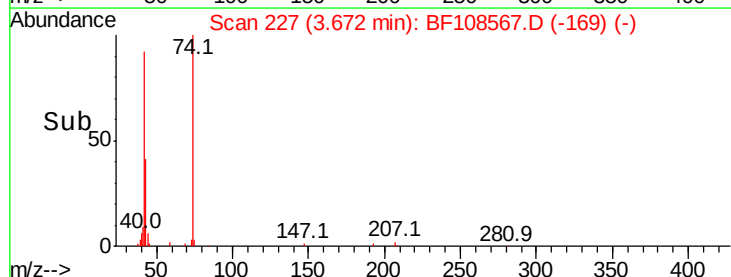
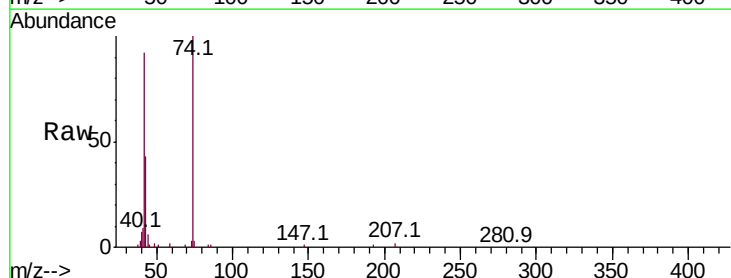
Tgt Ion: 42 Resp: 127384

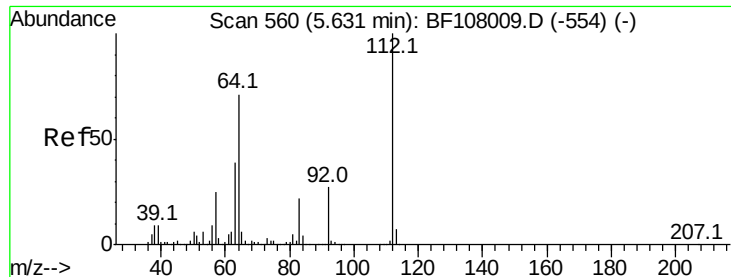
Ion Ratio Lower Upper

42 100

74 108.9 104.9 157.3

44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 116.424 ng

RT: 5.64 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036MS

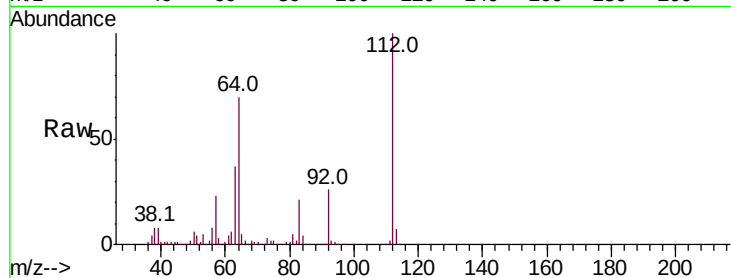
Tot Ion:112 Resp: 660507

Ion Ratio Lower Upper

112 100

64 69.8 47.9 71.9

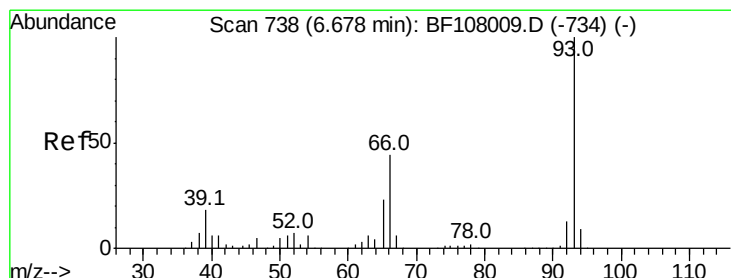
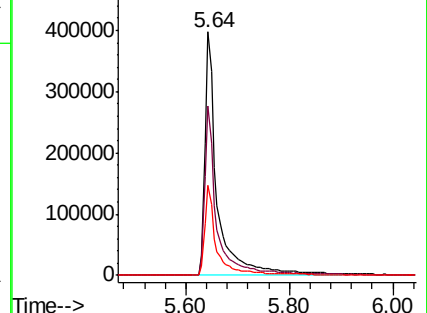
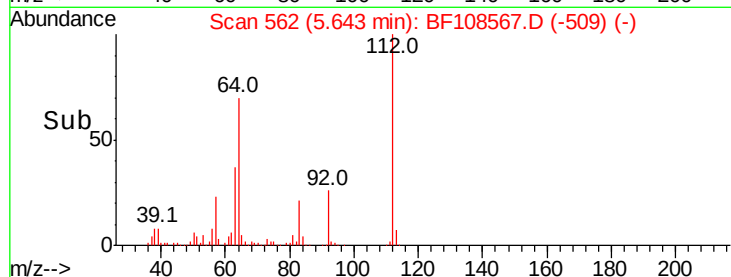
63 36.7 23.7 35.5#



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: 24.753 ng

RT: 6.67 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

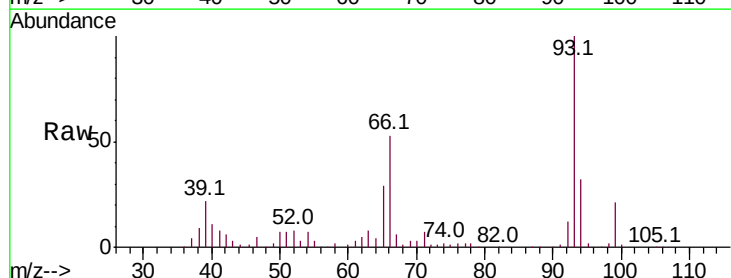
Tgt Ion: 93 Resp: 253835

Ion Ratio Lower Upper

93 100

66 53.1 32.2 48.2#

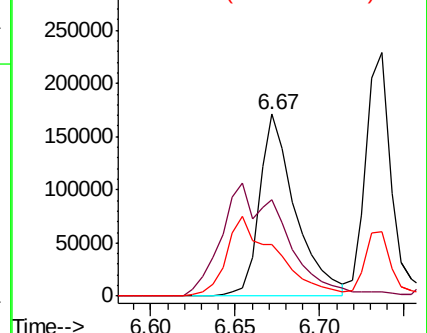
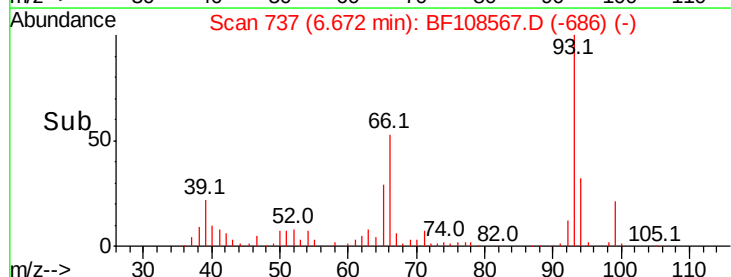
65 28.6 16.4 24.6#

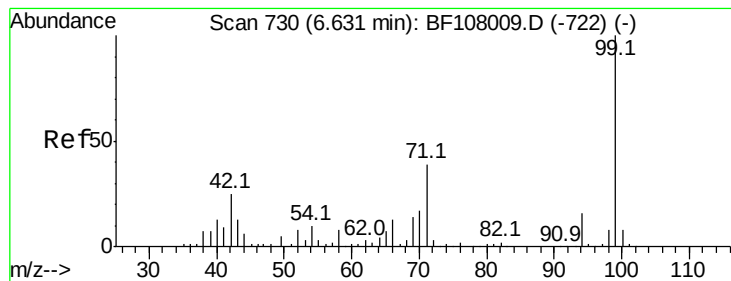


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.984 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036MS

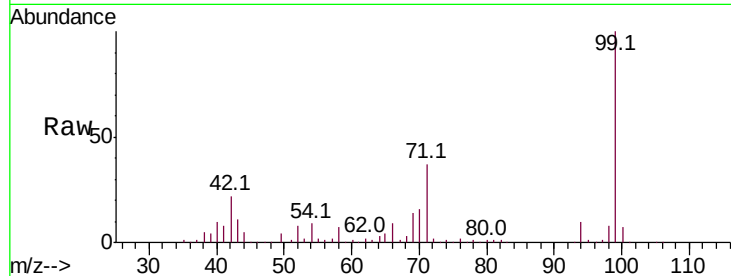
Tot Ion: 99 Resp: 866868

Ion Ratio Lower Upper

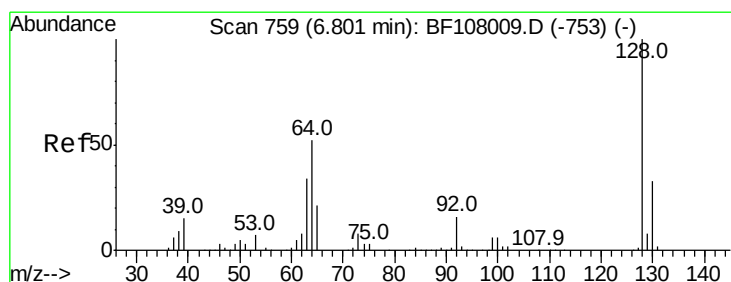
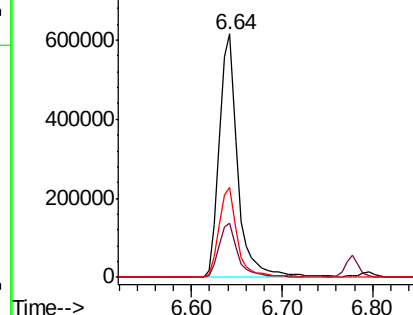
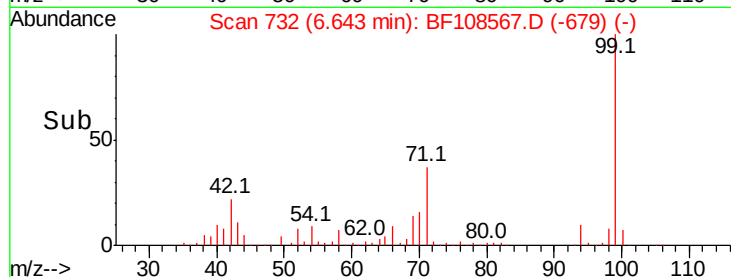
99 100

42 22.3 14.5 21.7#

71 37.1 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: 39.393 ng

RT: 6.80 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

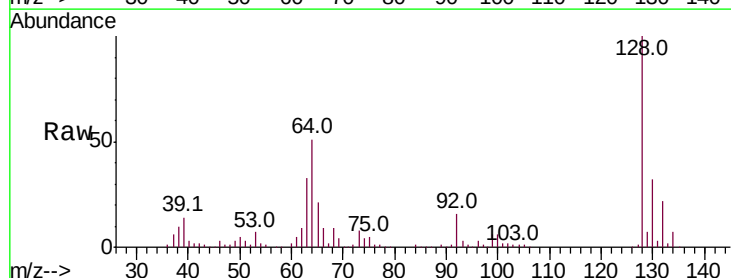
Tgt Ion: 128 Resp: 251704

Ion Ratio Lower Upper

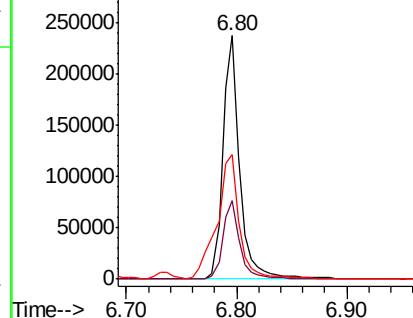
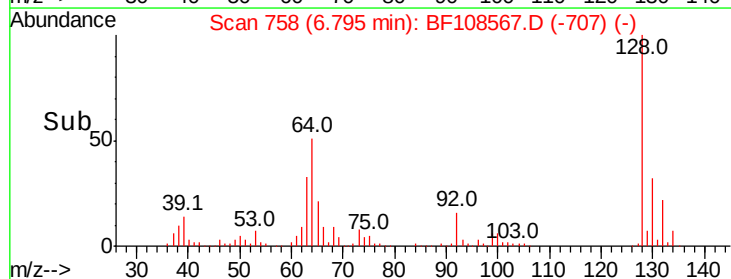
128 100

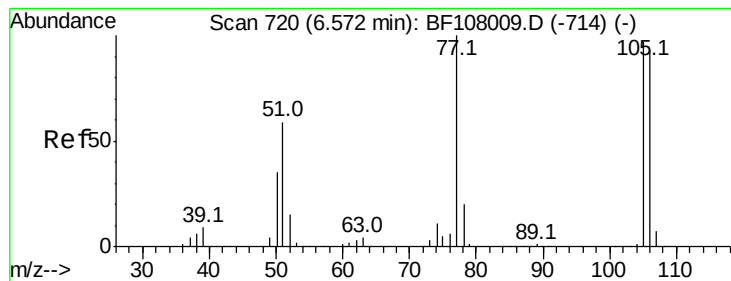
130 32.4 13.0 53.0

64 50.9 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: 21.097 ng

RT: 6.56 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036MS

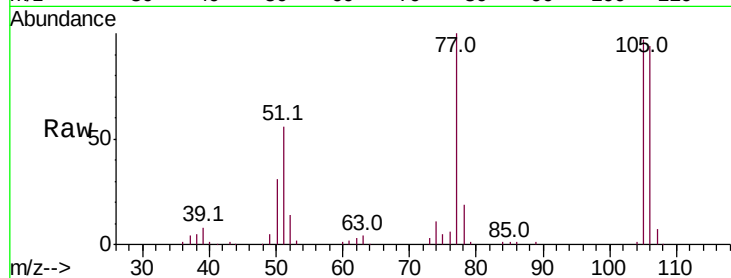
Tot Ion: 77 Resp: 123313

Ion Ratio Lower Upper

77 100

105 97.2 81.1 121.1

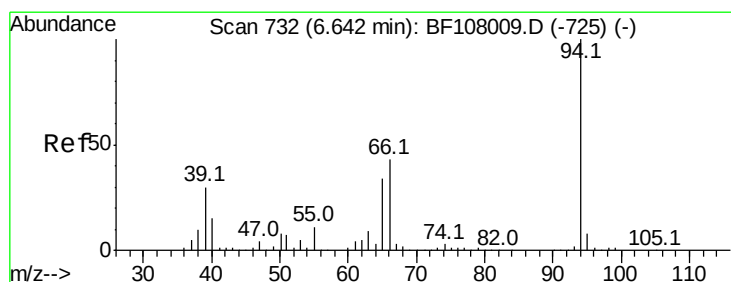
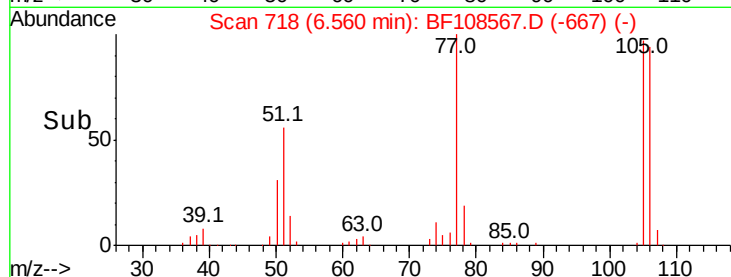
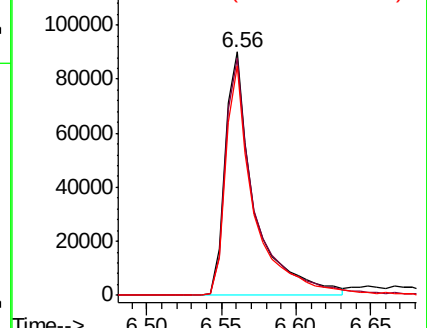
106 94.1 74.5 114.5



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: 40.242 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

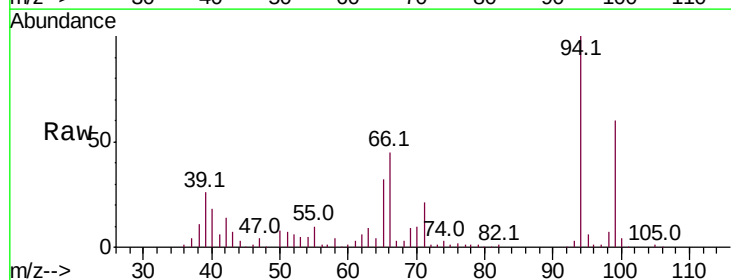
Tgt Ion: 94 Resp: 313818

Ion Ratio Lower Upper

94 100

65 31.7 7.9 47.9

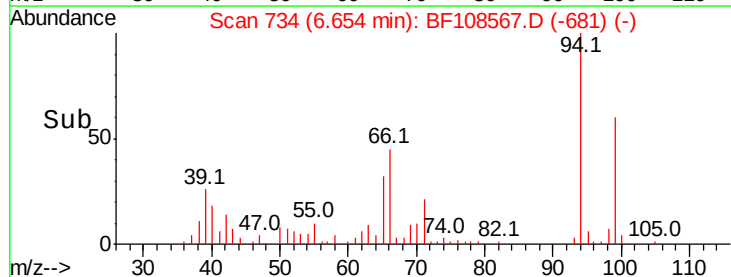
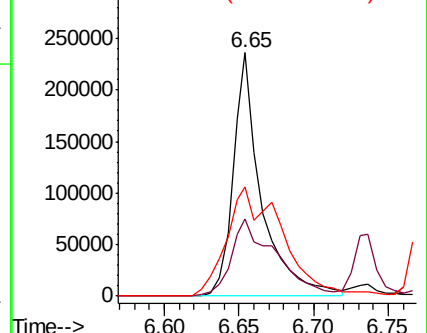
66 45.0 16.2 56.2

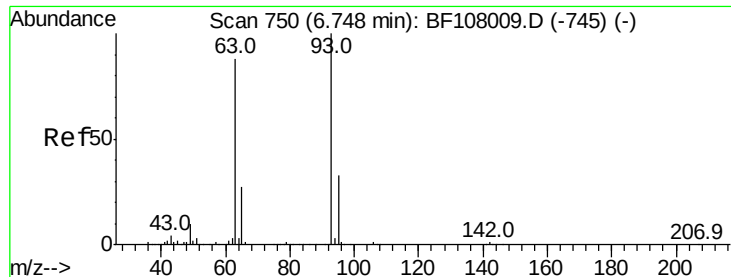


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

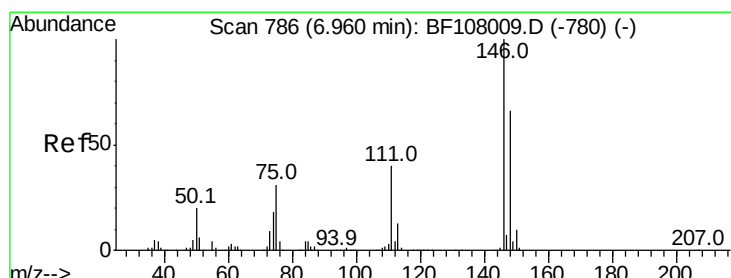
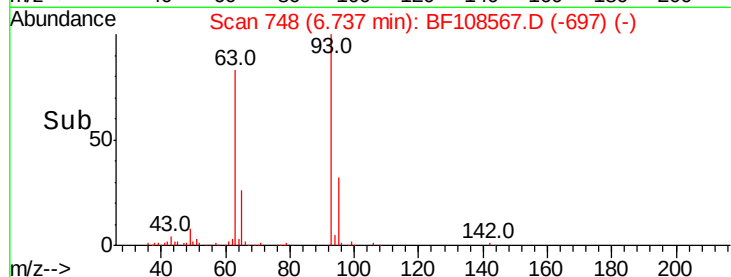
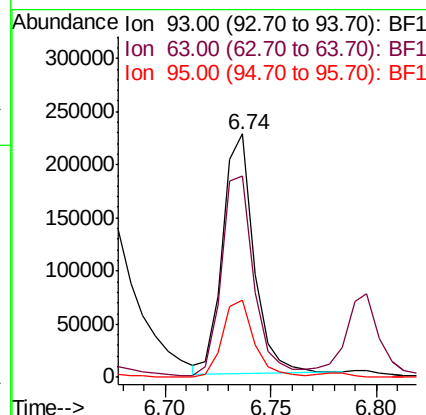
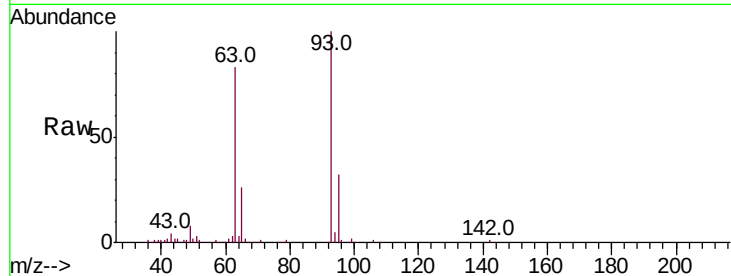




#11
bis(2-Chloroethyl)ether
Concen: 36.720 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108567.D
Acq: 28 Aug 2018 20:34

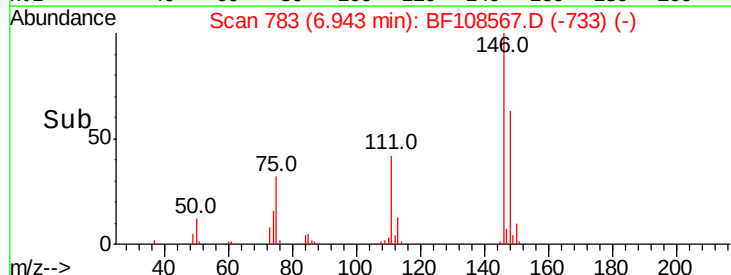
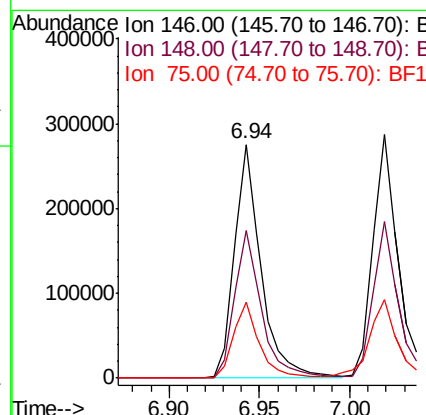
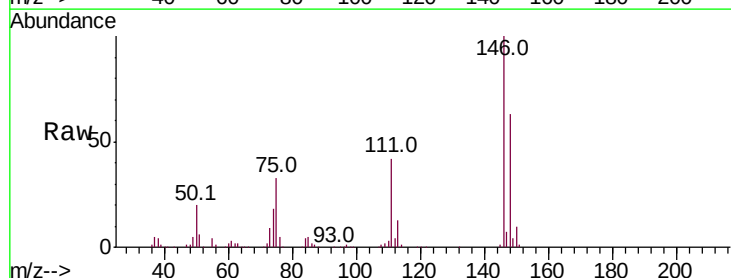
Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

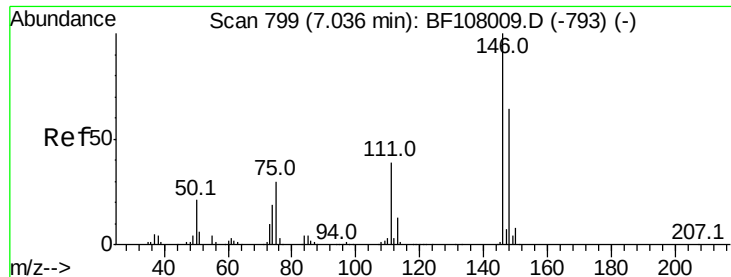
Tot Ion: 93 Resp: 231502
Ion Ratio Lower Upper
93 100
63 83.0 58.6 98.6
95 31.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.206 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF108567.D
Acq: 28 Aug 2018 20:34

Tgt Ion: 146 Resp: 282273
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.8
75 32.6 24.2 36.4

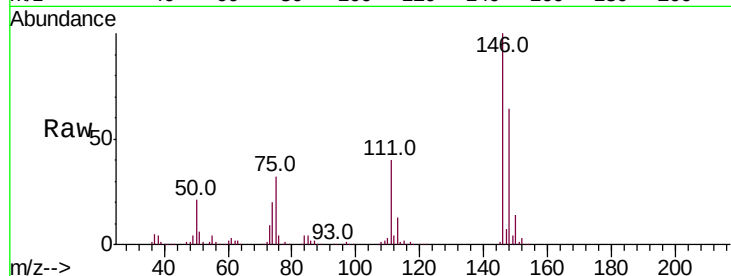




#13
 1,4-Dichlorobenzene
 Concen: 39.329 ng
 RT: 7.02 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF108567.D
 Acq: 28 Aug 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	40.0	34.2	51.2

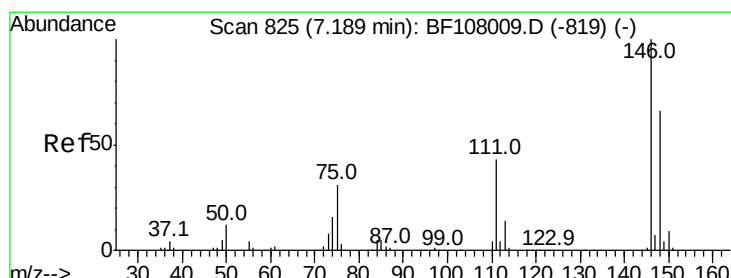
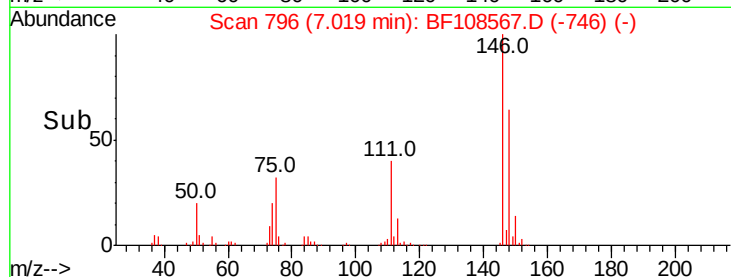
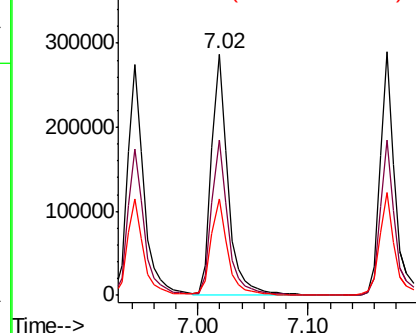


Abundance

Ion 146.00 (145.70 to 146.70): E

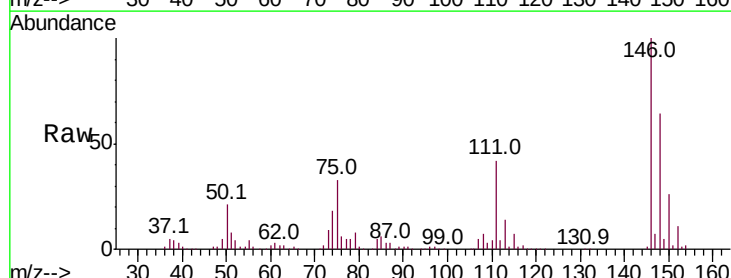
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.150 ng
 RT: 7.17 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF108567.D
 Acq: 28 Aug 2018 20:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
111	42.3	36.0	54.0

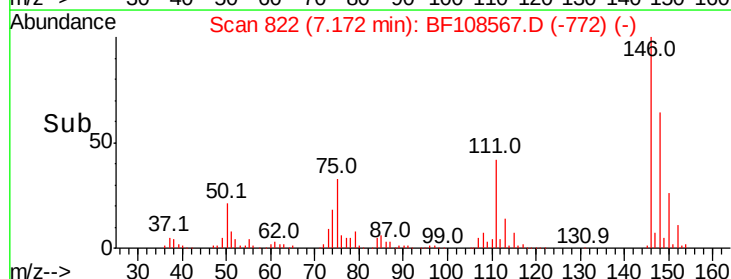
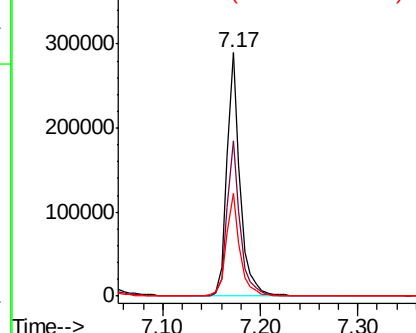


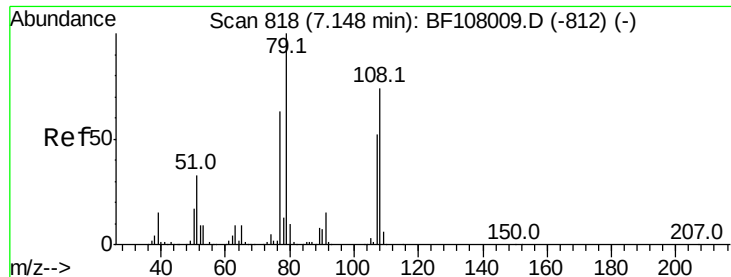
Abundance

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: 36.743 ng

RT: 7.14 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036MS

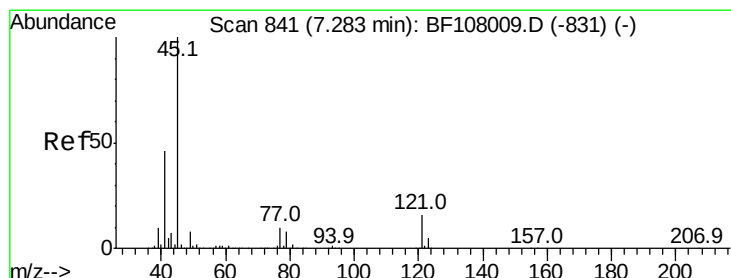
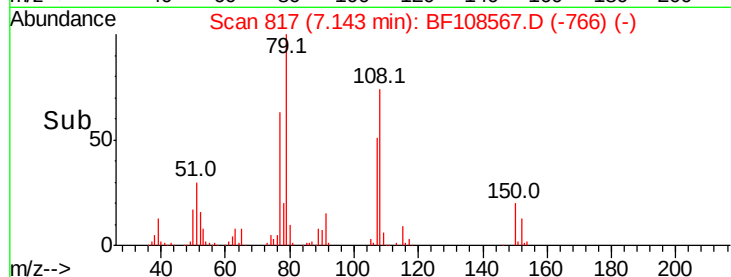
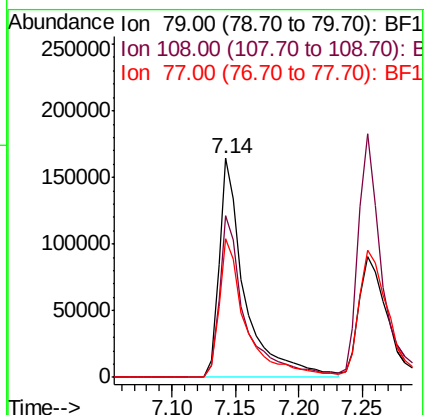
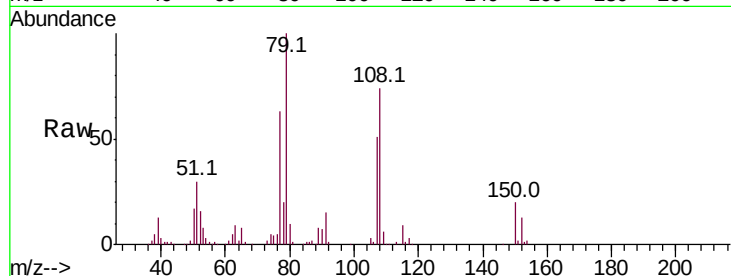
Tot Ion: 79 Resp: 233195

Ion Ratio Lower Upper

79 100

108 74.1 65.1 97.7

77 63.5 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.796 ng

RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

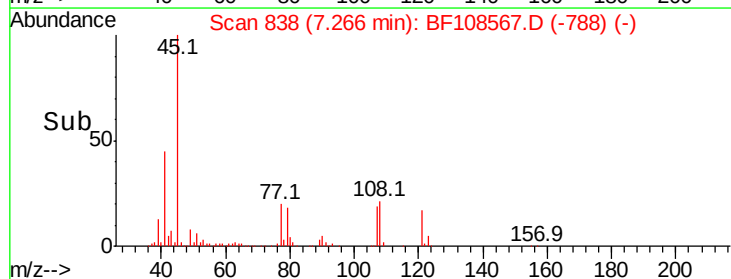
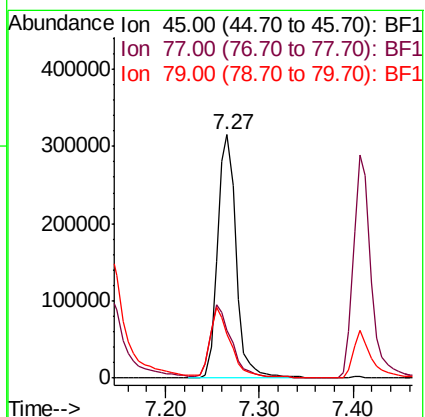
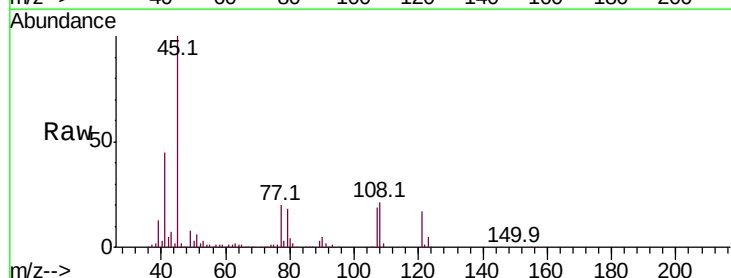
Tgt Ion: 45 Resp: 438932

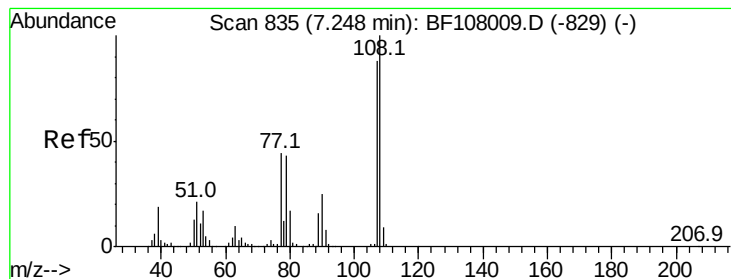
Ion Ratio Lower Upper

45 100

77 19.7 0.0 32.9

79 18.0 0.0 29.6

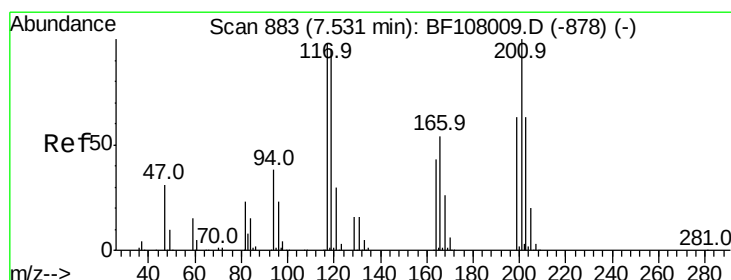
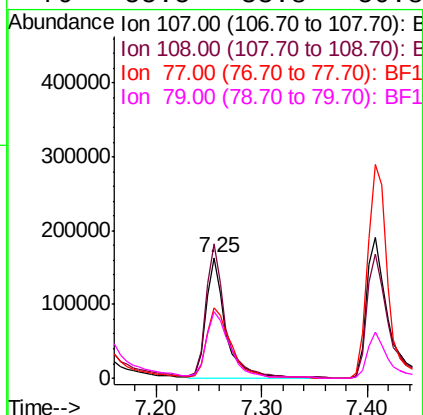
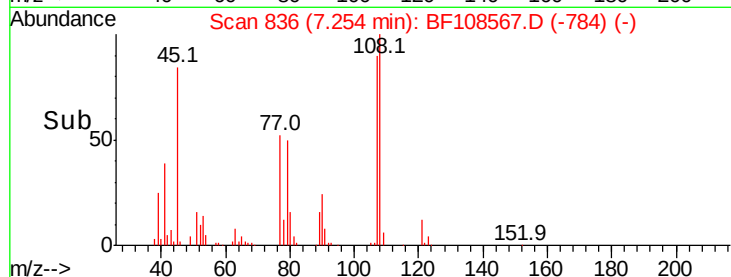
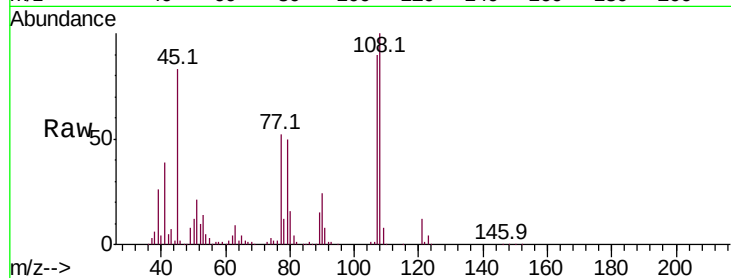




#17
2-Methylphenol
Concen: 38.005 ng
RT: 7.25 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF108567.D
Acq: 28 Aug 2018 20:34

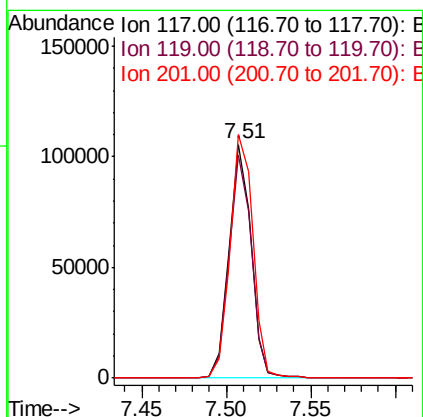
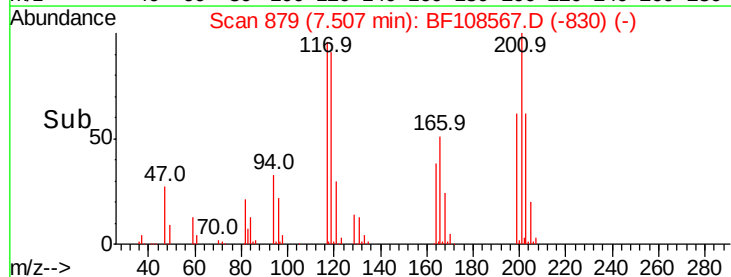
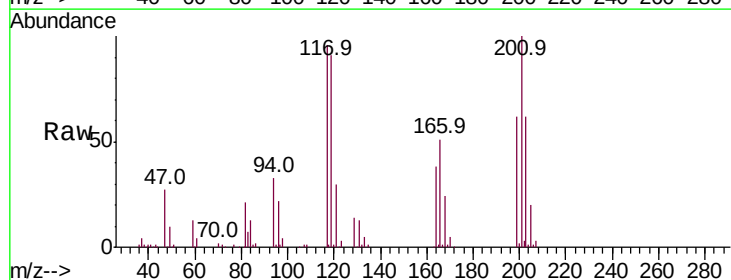
Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

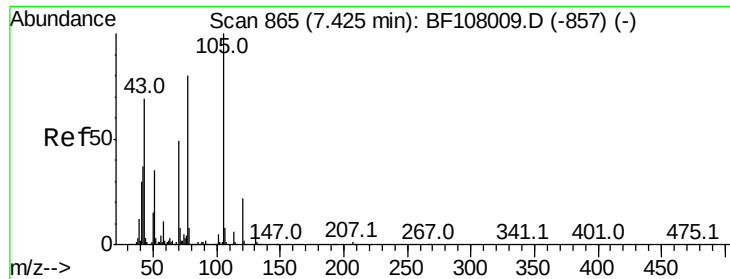
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.5	91.7	137.5
77	58.1	33.8	50.8#
79	55.5	33.8	50.8#



#18
Hexachloroethane
Concen: 36.283 ng
RT: 7.51 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF108567.D
Acq: 28 Aug 2018 20:34

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

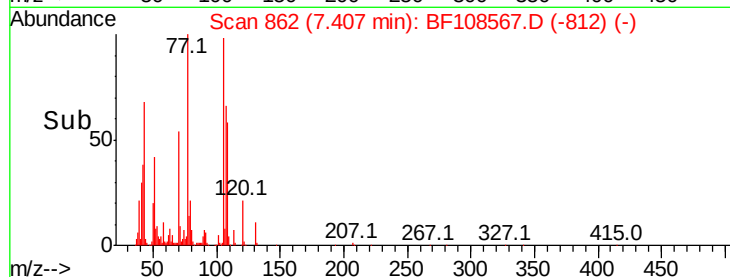
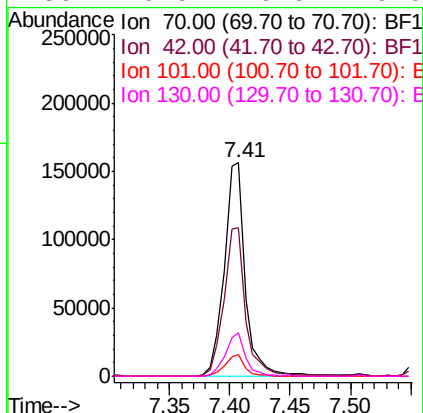
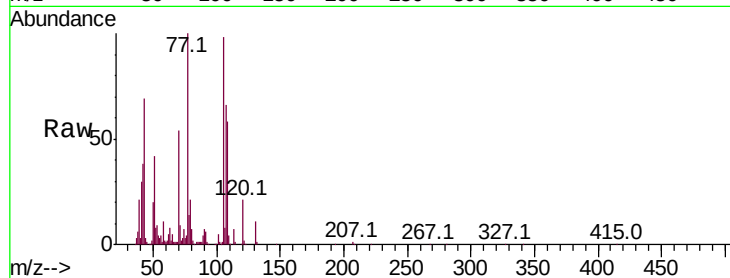




#19
n-Nitroso-di-n-propylamine
Concen: 37.098 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108567.D
Acq: 28 Aug 2018 20:34

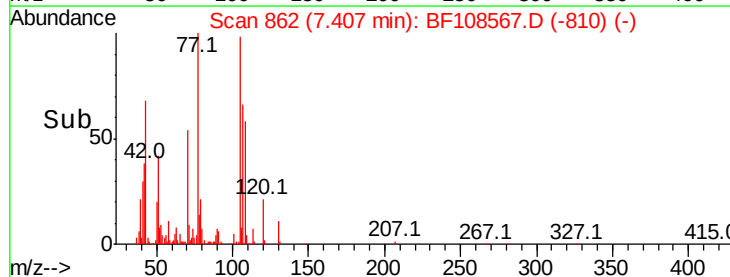
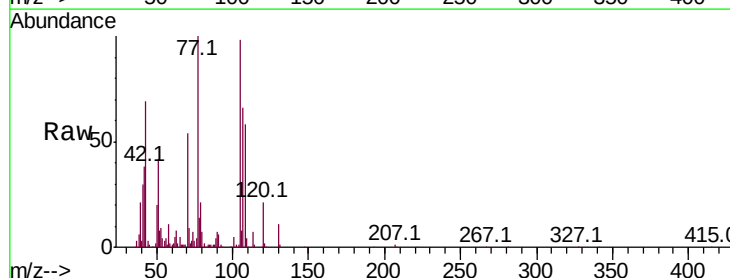
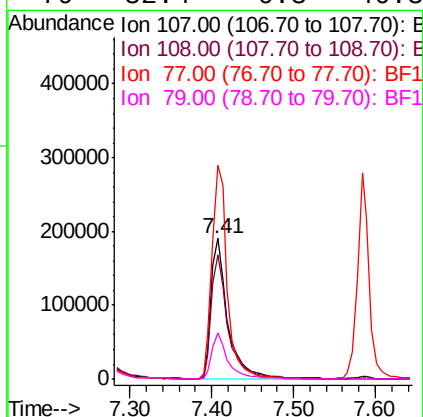
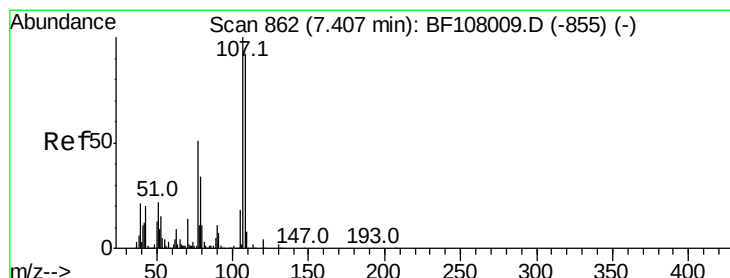
Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

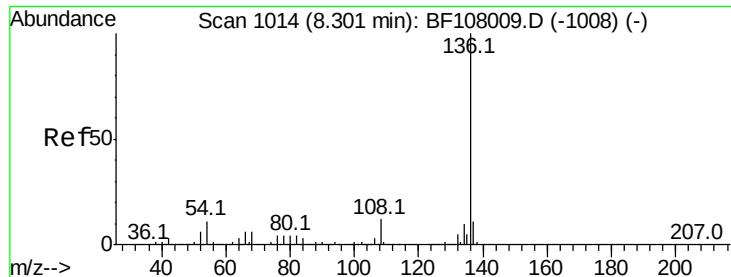
Tot Ion: 70 Resp: 189132
Ion Ratio Lower Upper
70 100
42 69.7 47.5 71.3
101 10.0 7.4 11.2
130 20.5 16.6 25.0



#20
3+4-Methylphenols
Concen: 38.288 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF108567.D
Acq: 28 Aug 2018 20:34

Tgt Ion:107 Resp: 268855
Ion Ratio Lower Upper
107 100
108 88.2 68.2 108.2
77 151.8 26.7 66.7#
79 32.4 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036MS

Tot Ion:136 Resp: 384048

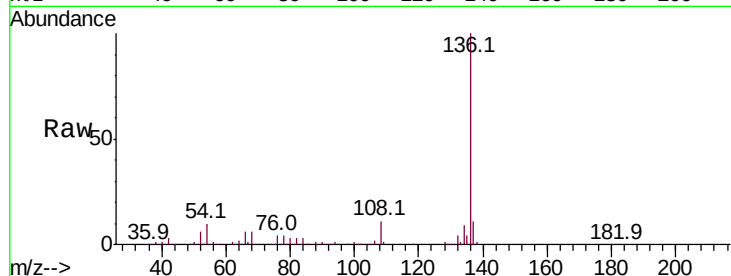
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 10.2 6.6 9.8#

68 5.6 5.0 7.4

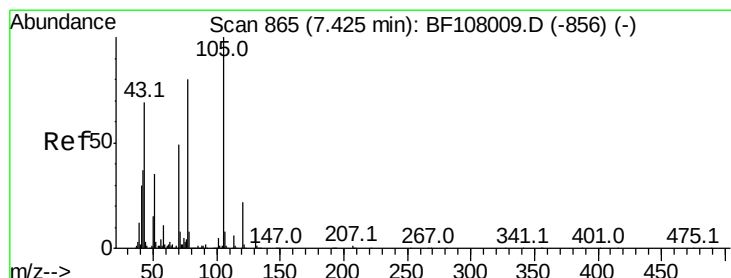
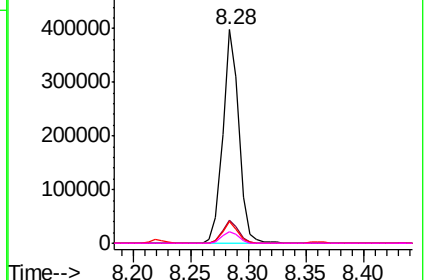
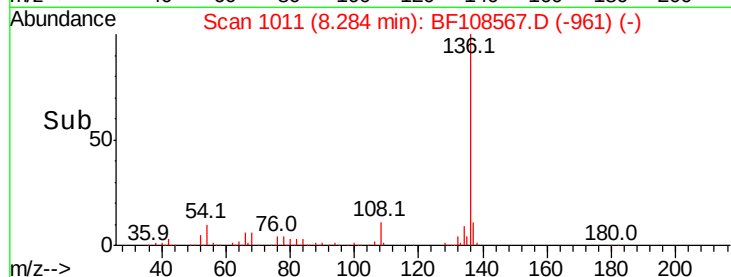


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.942 ng

RT: 7.41 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Tgt Ion:105 Resp: 367658

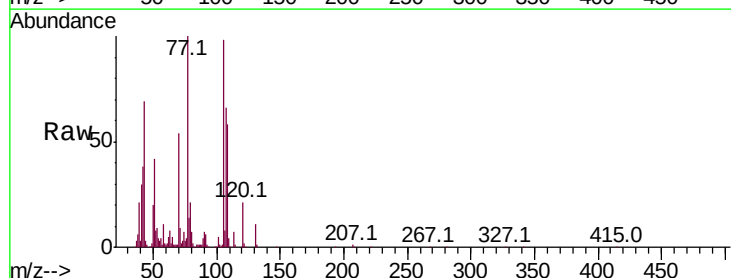
Ion Ratio Lower Upper

105 100

71 9.1 4.4 6.6#

51 42.4 22.3 33.5#

120 20.9 16.9 25.3

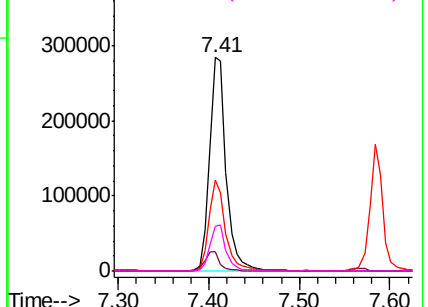
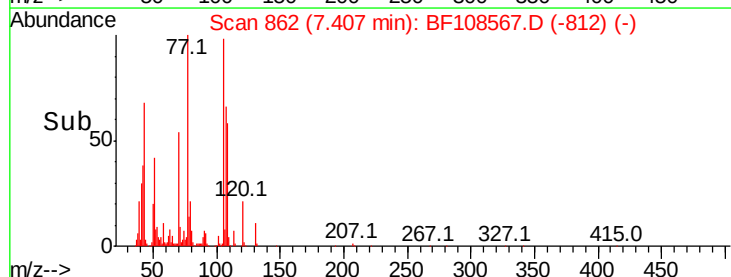


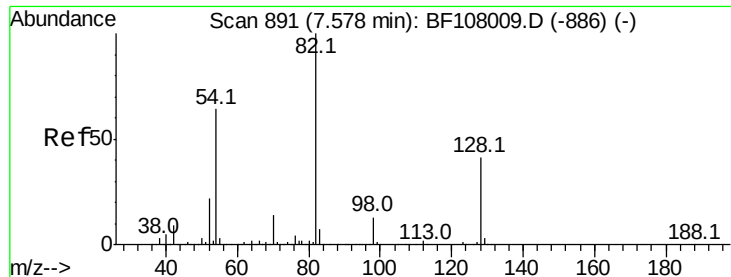
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

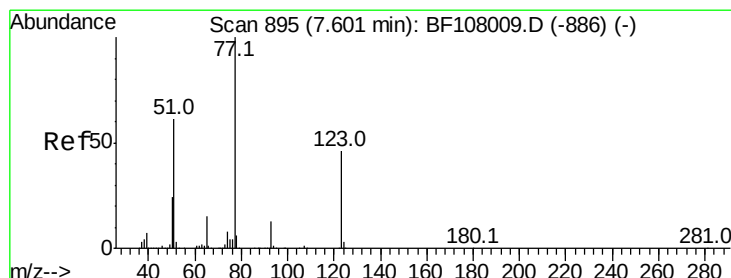
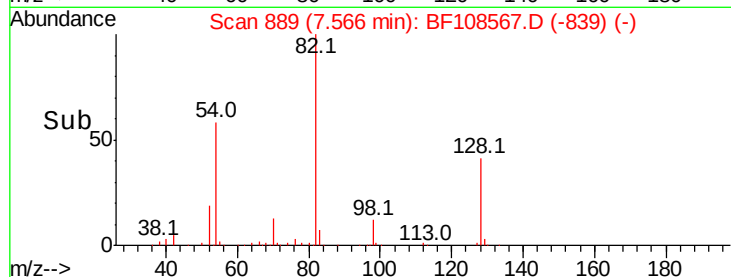
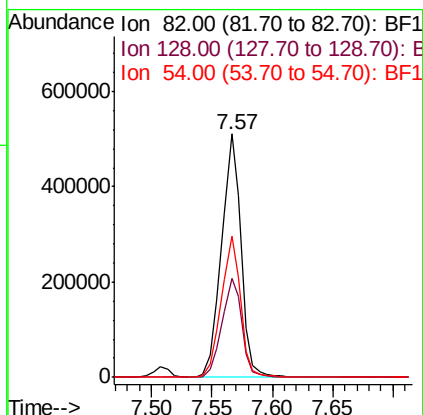
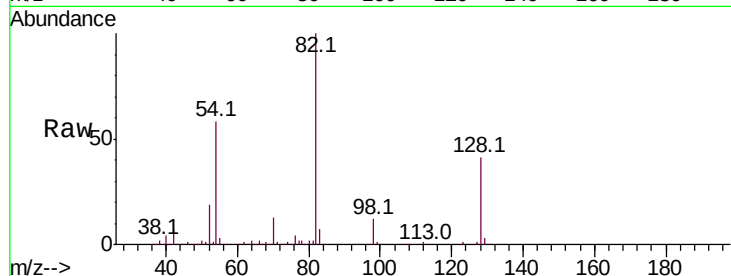




#23
Nitrobenzene-d5
Concen: 82.782 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108567.D
Acq: 28 Aug 2018 20:34

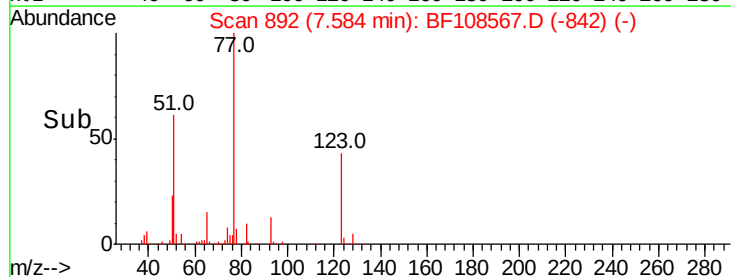
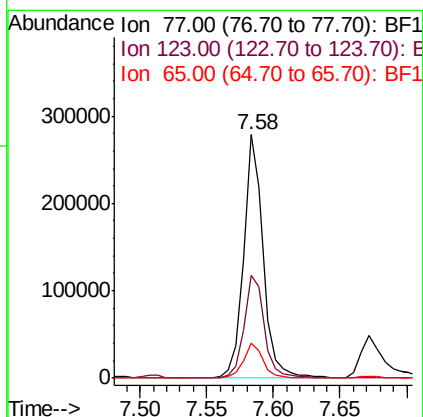
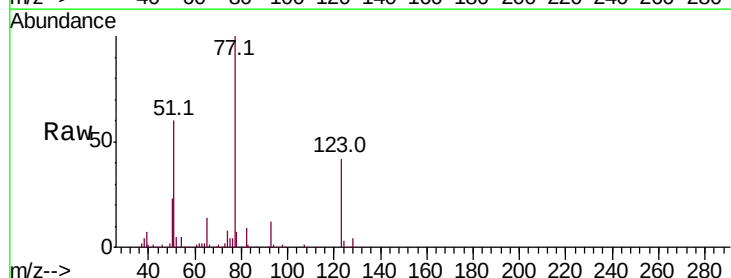
Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

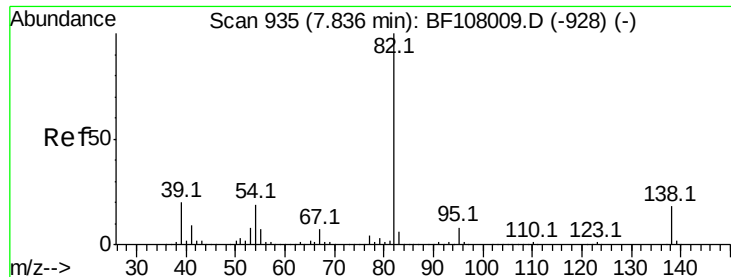
Tot Ion: 82 Resp: 569739
Ion Ratio Lower Upper
82 100
128 40.5 36.1 54.1
54 58.0 41.4 62.2



#24
Nitrobenzene
Concen: 40.111 ng
RT: 7.58 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF108567.D
Acq: 28 Aug 2018 20:34

Tgt Ion: 77 Resp: 279155
Ion Ratio Lower Upper
77 100
123 42.4 37.9 56.9
65 14.4 11.0 16.4





#25

Isophorone

Concen: 37.909 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036MS

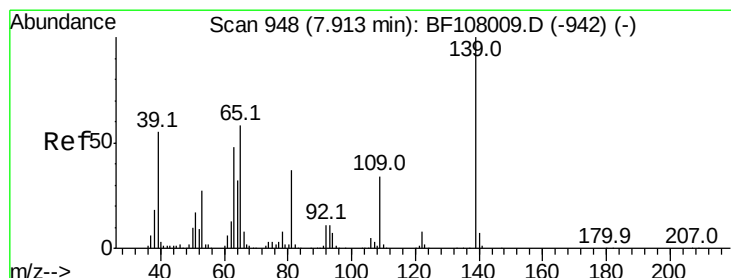
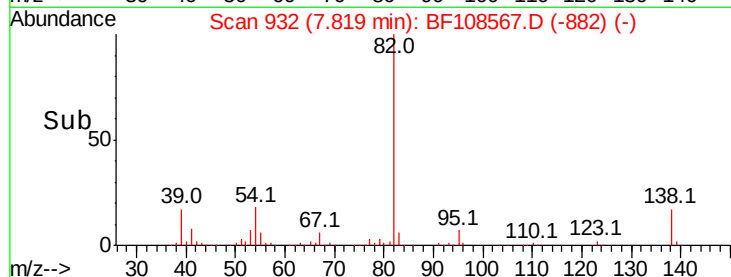
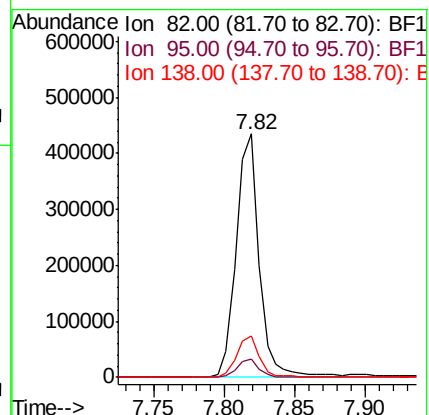
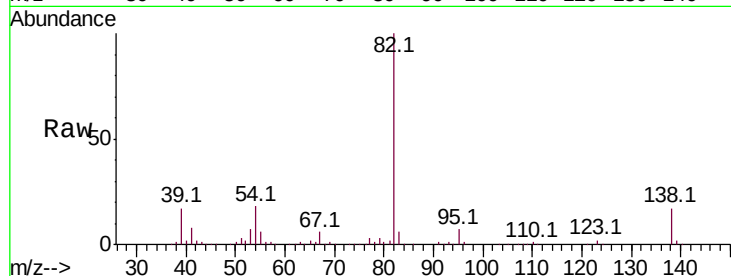
Tot Ion: 82 Resp: 497295

Ion Ratio Lower Upper

82 100

95 7.4 5.2 7.8

138 17.3 14.9 22.3



#26

2-Nitrophenol

Concen: 44.644 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

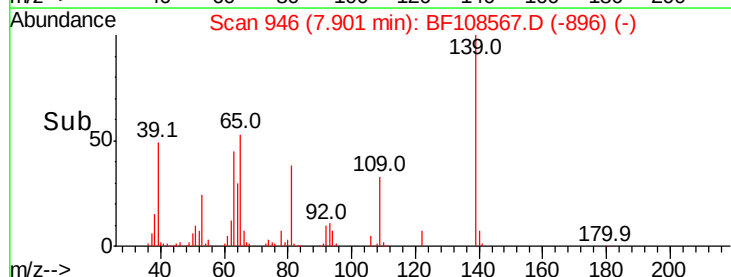
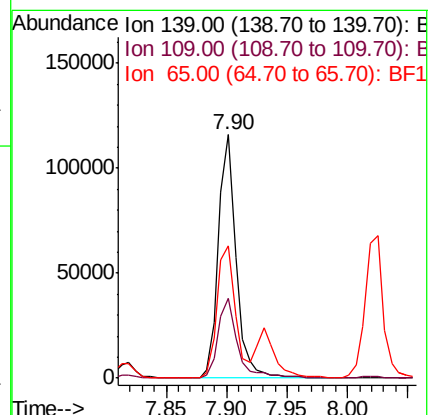
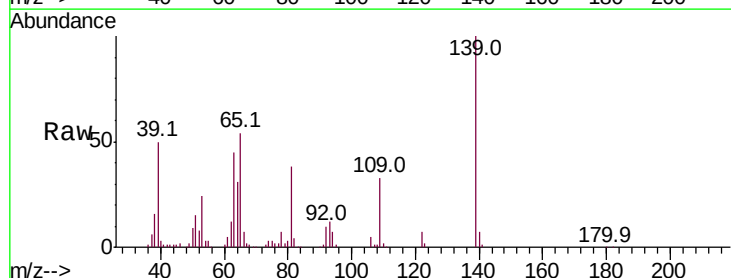
Tgt Ion: 139 Resp: 117336

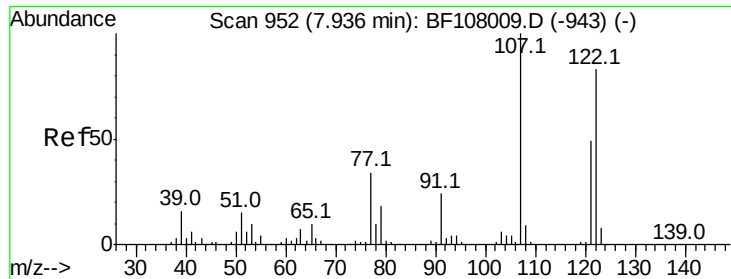
Ion Ratio Lower Upper

139 100

109 32.8 22.7 34.1

65 54.3 40.5 60.7

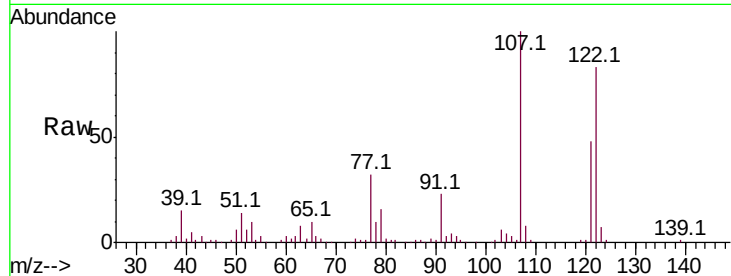




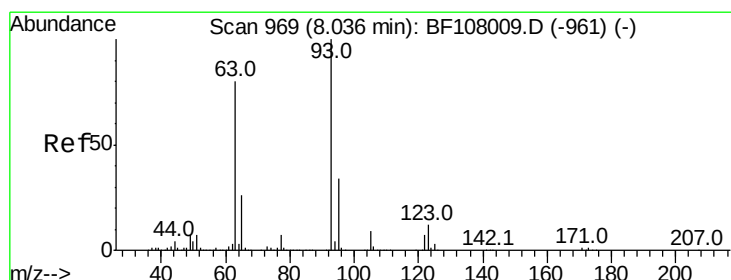
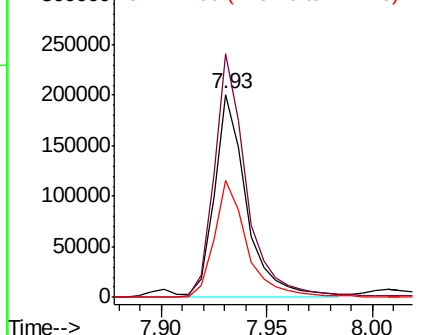
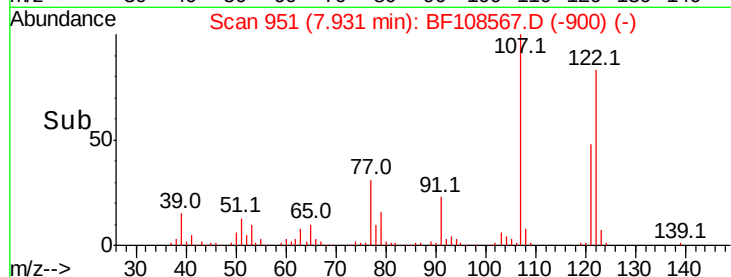
#27
 2,4-Dimethylphenol
 Concen: 36.115 ng
 RT: 7.93 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF108567.D
 Acq: 28 Aug 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MS

Tot Ion:122 Resp: 210271
 Ion Ratio Lower Upper
 122 100
 107 120.1 91.2 136.8
 121 57.6 47.2 70.8

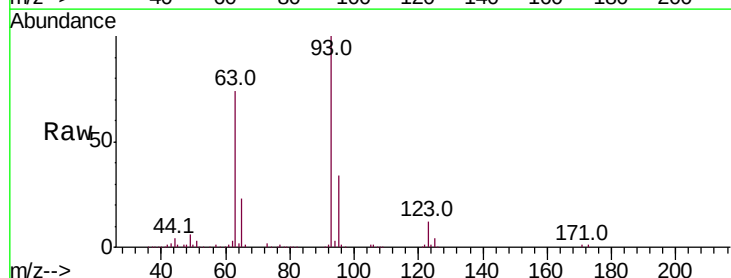


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

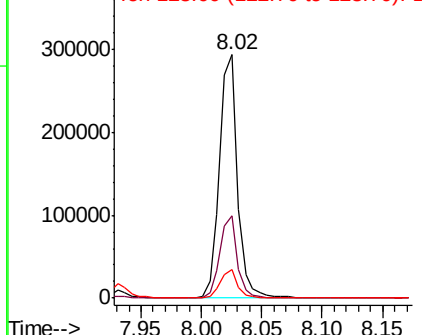
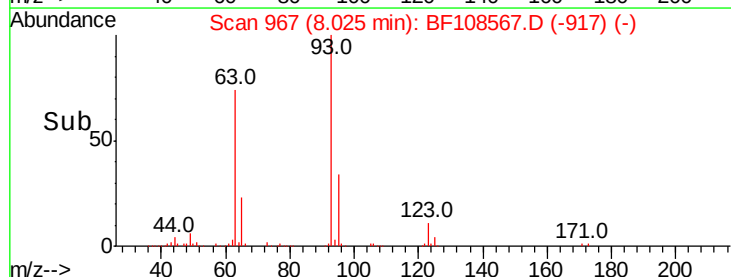


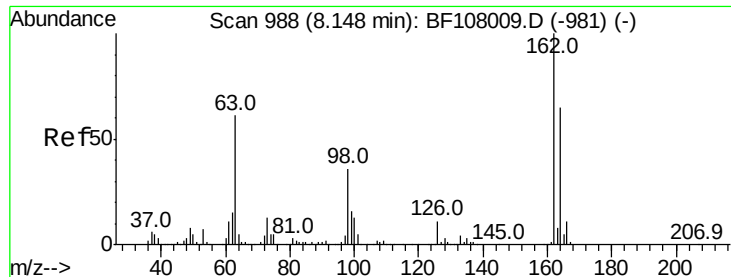
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.484 ng
 RT: 8.02 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF108567.D
 Acq: 28 Aug 2018 20:34

Tgt Ion: 93 Resp: 302367
 Ion Ratio Lower Upper
 93 100
 95 33.7 26.3 39.5
 123 11.5 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.653 ng

RT: 8.14 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036MS

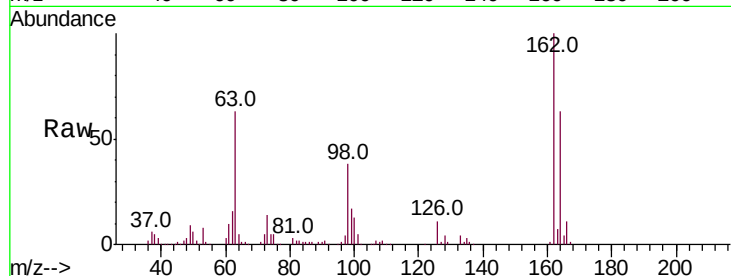
Tot Ion:162 Resp: 223174

Ion Ratio Lower Upper

162 100

164 63.1 42.7 82.7

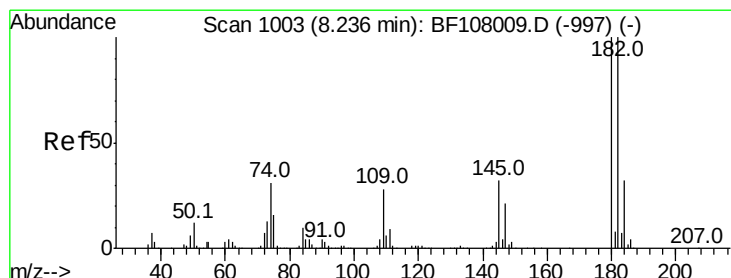
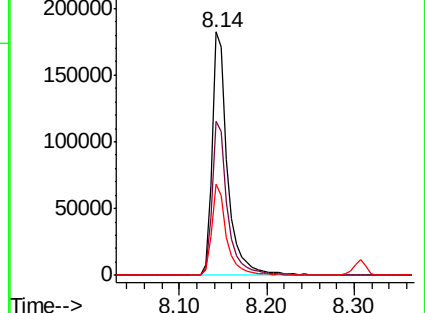
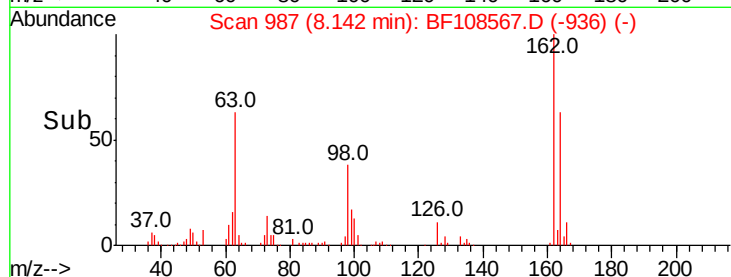
98 37.5 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.906 ng

RT: 8.22 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

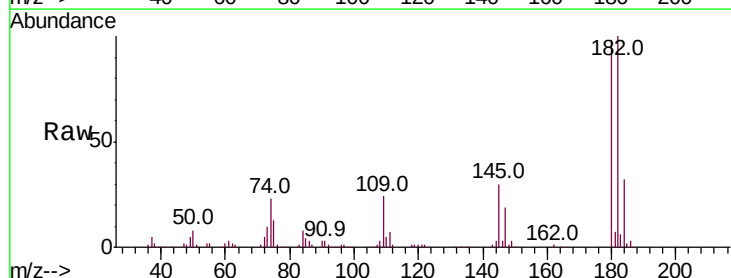
Tgt Ion:180 Resp: 235738

Ion Ratio Lower Upper

180 100

182 102.1 76.8 115.2

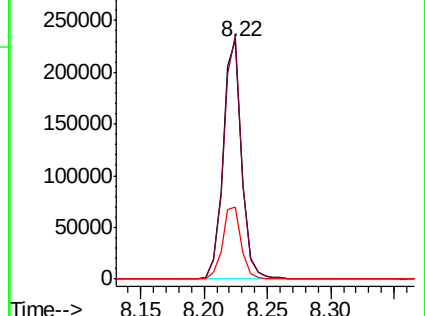
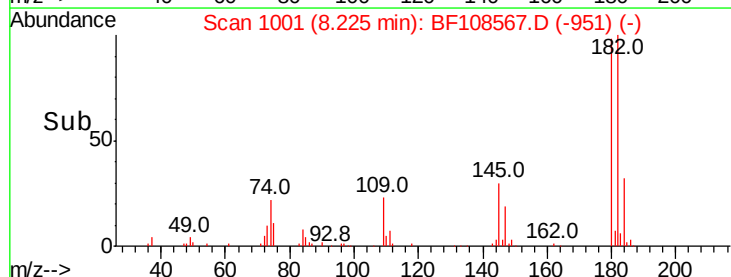
145 30.5 26.5 39.7

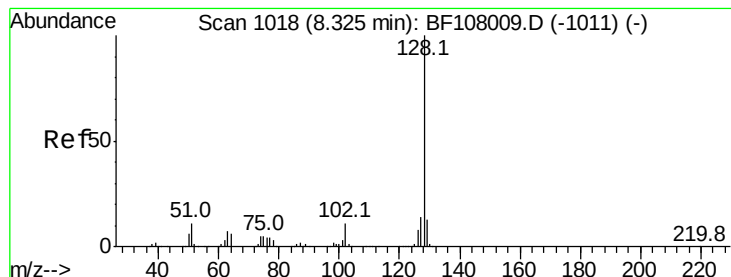


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.594 ng

RT: 8.31 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036MS

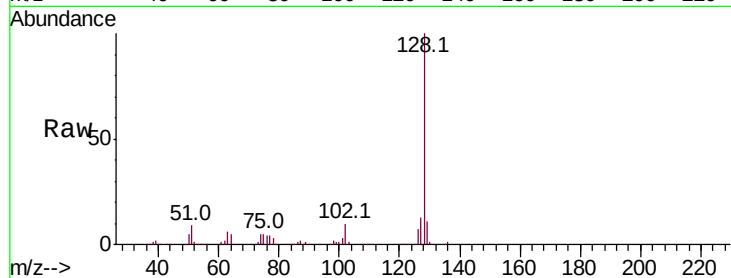
Tot Ion:128 Resp: 726474

Ion Ratio Lower Upper

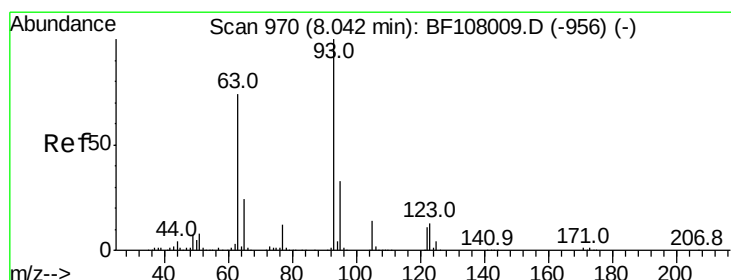
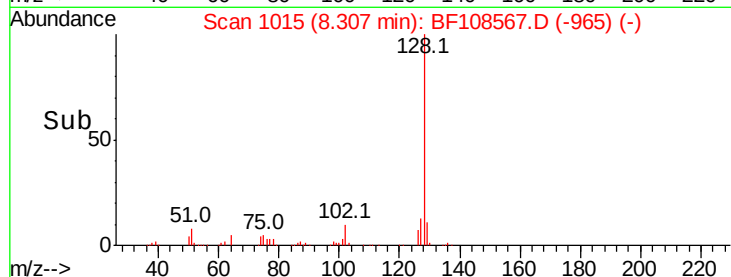
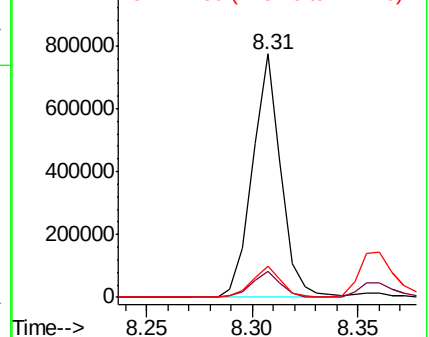
128 100

129 10.9 8.8 13.2

127 13.0 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 9.111 ng

RT: 8.01 min Scan# 964

Delta R.T. -0.03 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

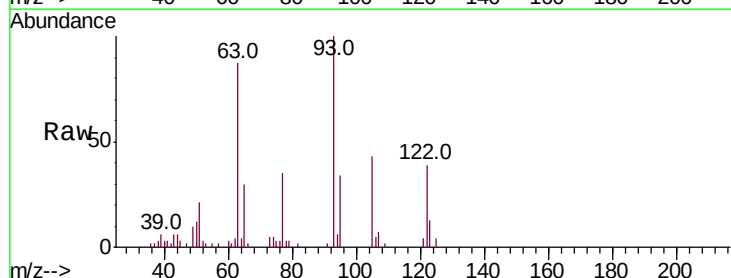
Tgt Ion:122 Resp: 12102

Ion Ratio Lower Upper

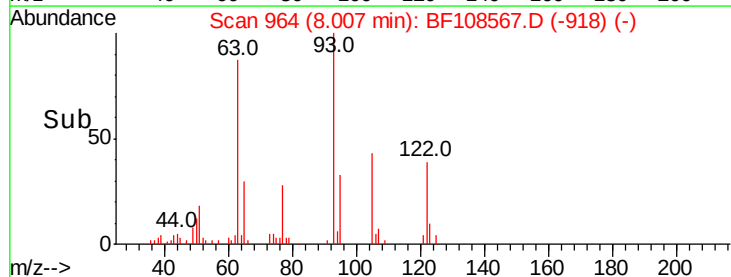
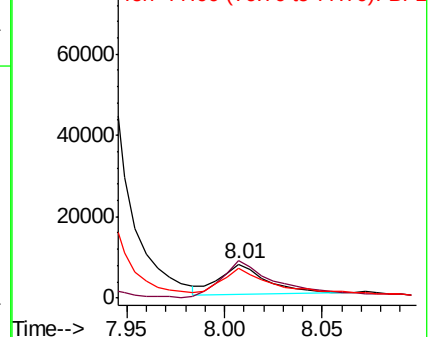
122 100

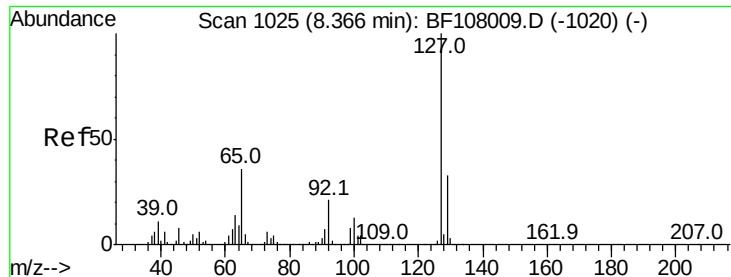
105 109.9 101.1 141.1

77 88.9 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

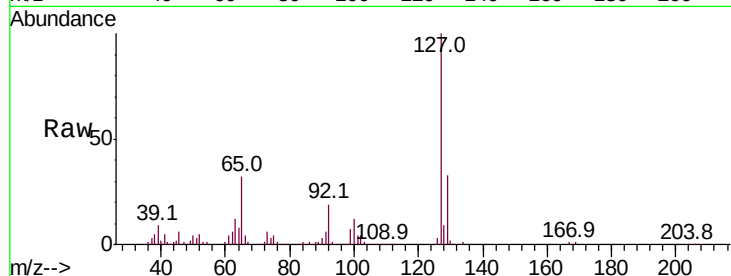




#33
4-Chloroaniline
Concen: 24.317 ng
RT: 8.36 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF108567.D
Acq: 28 Aug 2018 20:34

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

Tot Ion:	127	Resp:	185088
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	31.5	25.0	37.4
92	18.9	15.2	22.8



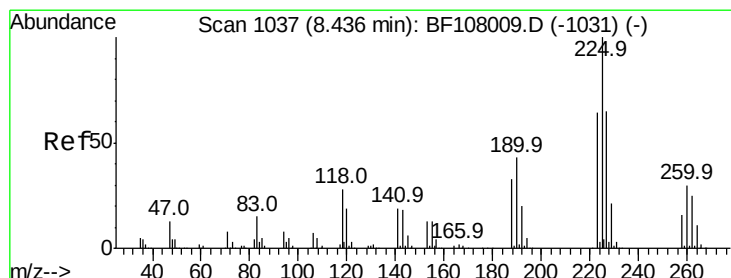
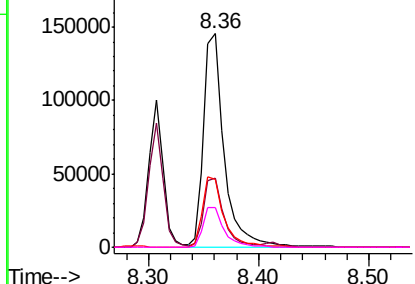
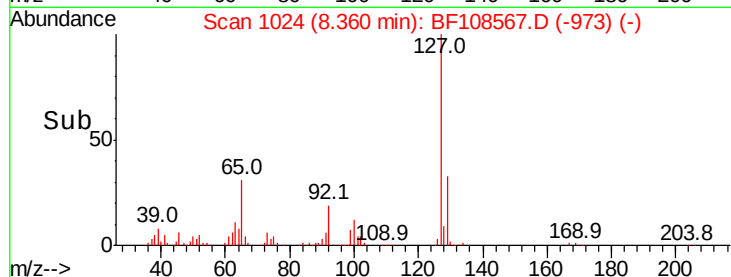
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

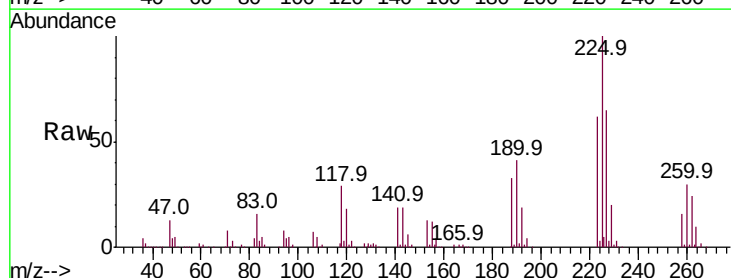
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.804 ng
RT: 8.41 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF108567.D
Acq: 28 Aug 2018 20:34

Tgt Ion:	225	Resp:	152593
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.6	76.0
227	64.7	51.9	77.9

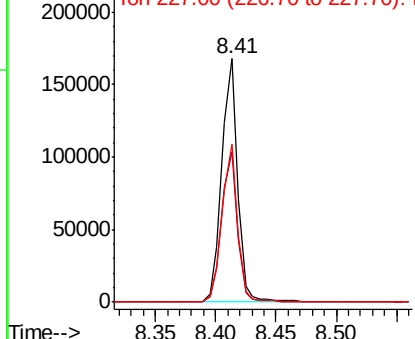
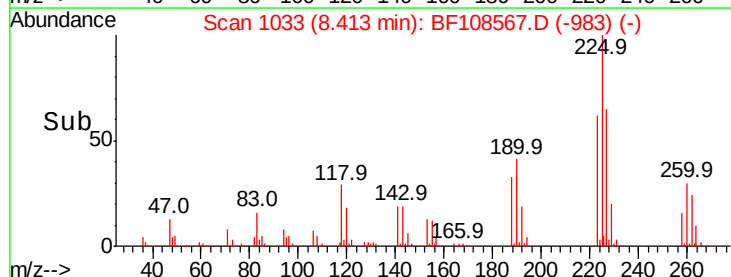


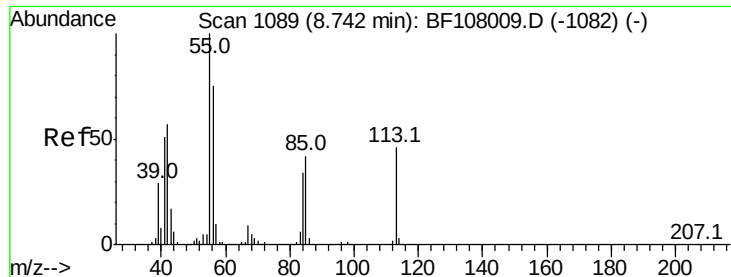
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 35.629 ng

RT: 8.72 min Scan# 1085

Delta R.T. -0.02 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036MS

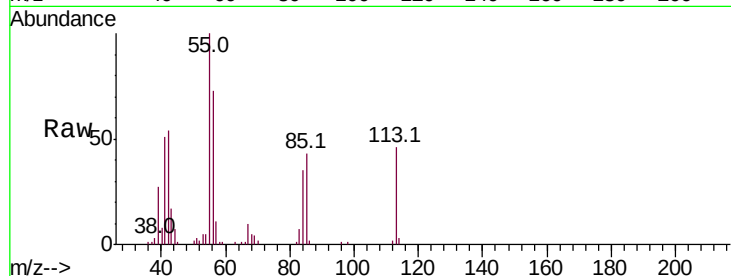
Tot Ion:113 Resp: 59823

Ion Ratio Lower Upper

113 100

55 216.5 163.3 203.3#

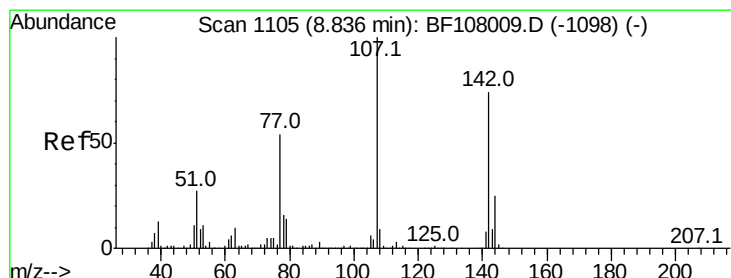
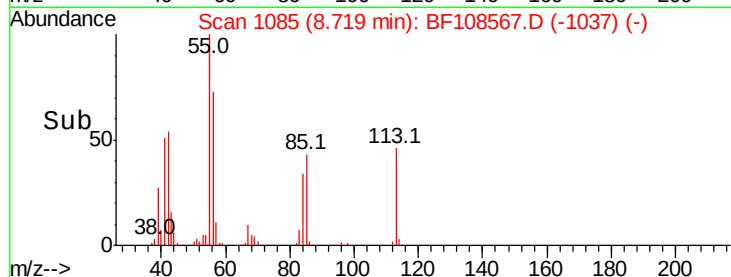
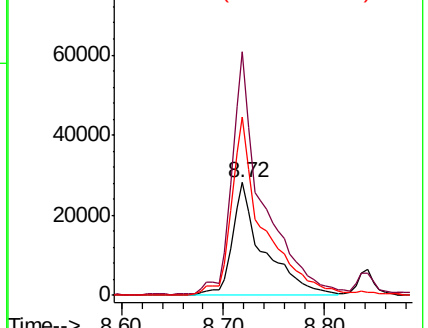
56 159.0 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.061 ng

RT: 8.84 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

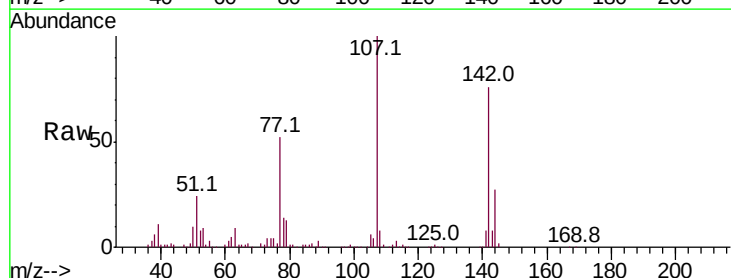
Tgt Ion:107 Resp: 225779

Ion Ratio Lower Upper

107 100

144 27.2 20.5 30.7

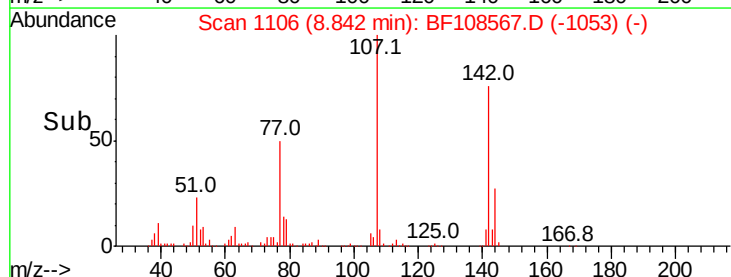
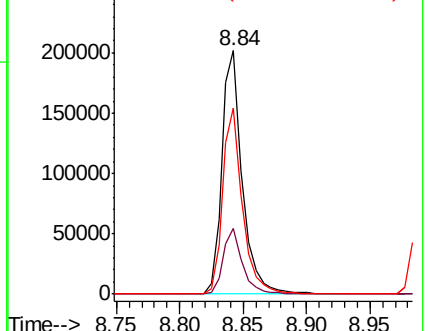
142 76.2 62.0 93.0

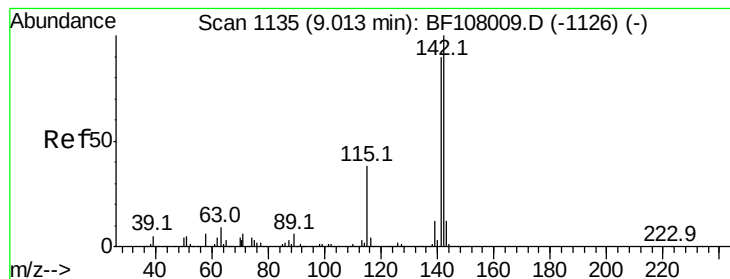


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.195 ng

RT: 9.00 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036MS

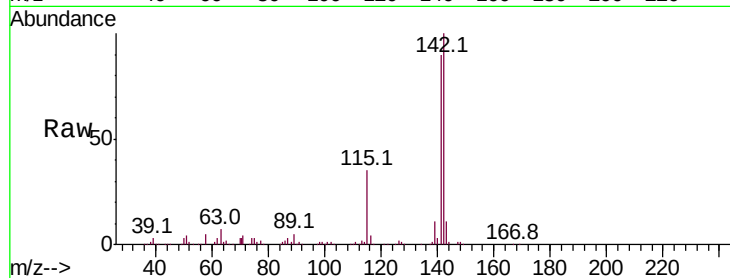
Tot Ion:142 Resp: 484342

Ion Ratio Lower Upper

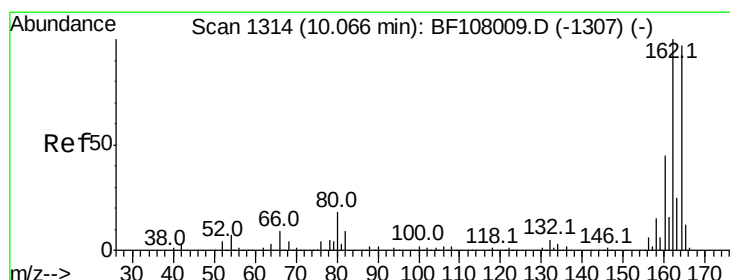
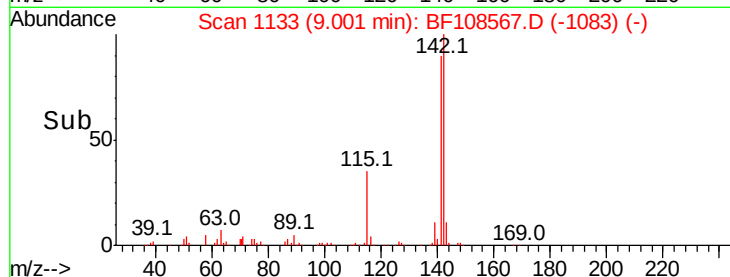
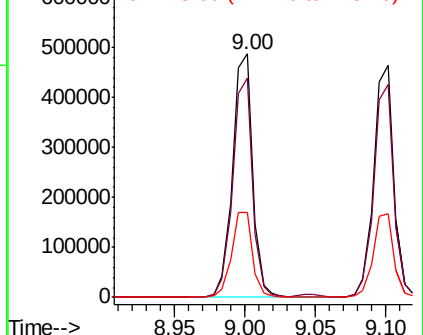
142 100

141 90.2 70.8 106.2

115 34.8 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.05 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

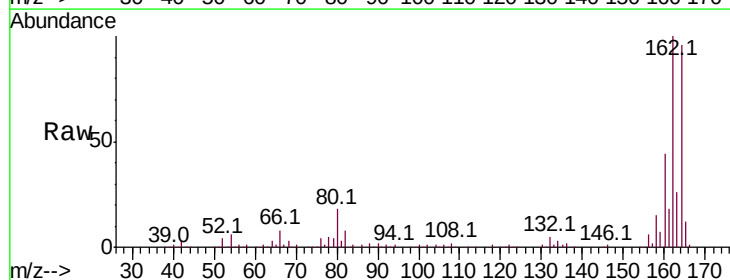
Tgt Ion:164 Resp: 179115

Ion Ratio Lower Upper

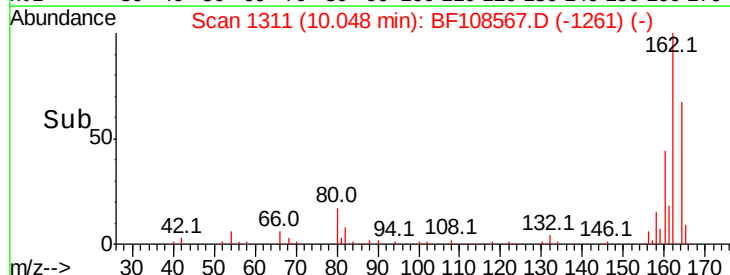
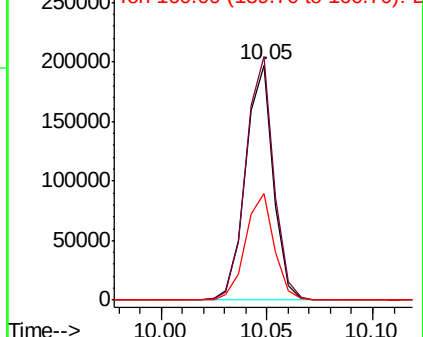
164 100

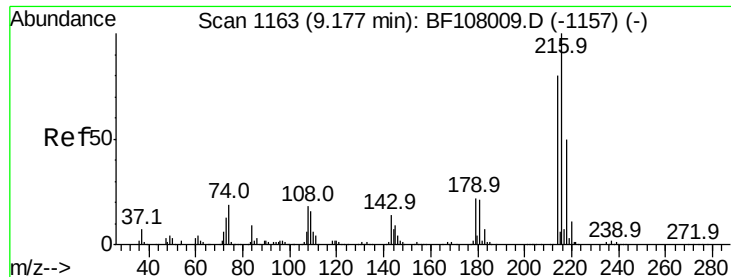
162 103.7 86.1 129.1

160 45.4 38.3 57.5



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

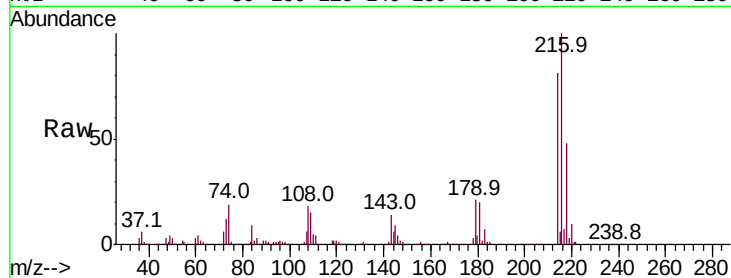




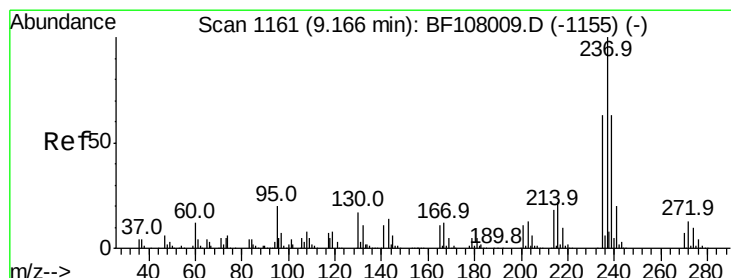
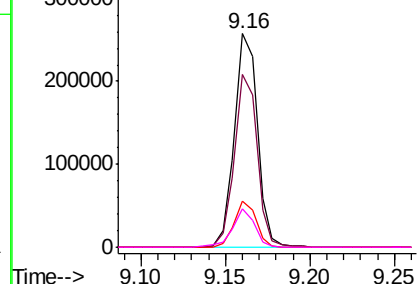
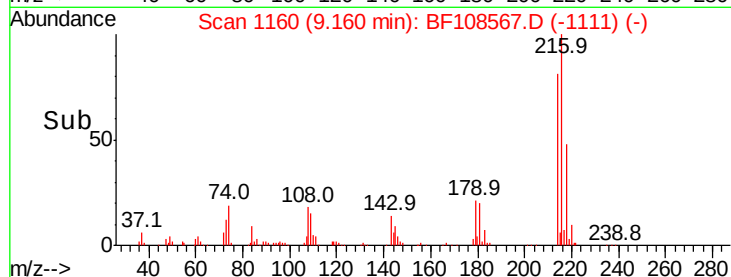
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.521 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF108567.D
 Acq: 28 Aug 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MS

Tot Ion:	216	Resp:	244883
Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.0	94.4
179	20.6	18.1	27.1
108	17.2	17.2	25.8

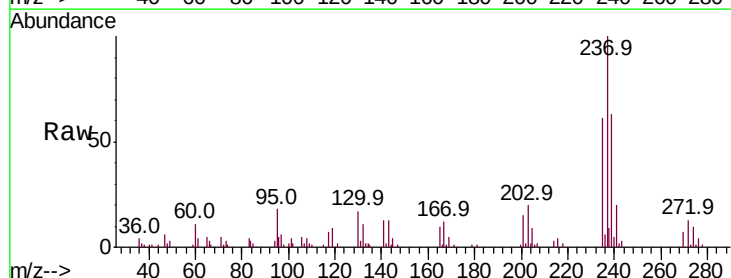


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

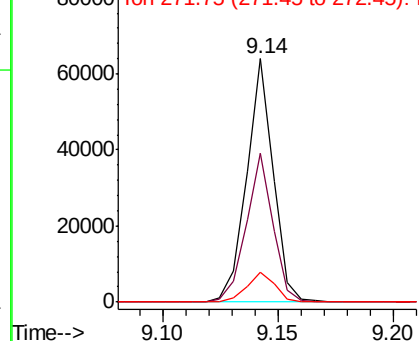
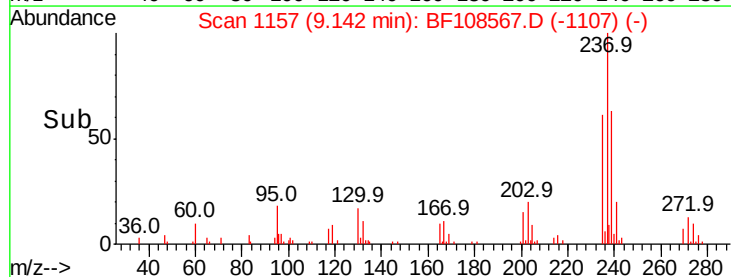


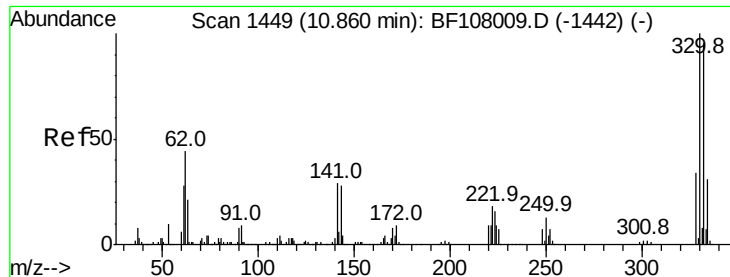
#40
 Hexachlorocyclopentadiene
 Concen: 14.516 ng
 RT: 9.14 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF108567.D
 Acq: 28 Aug 2018 20:34

Tgt Ion:	237	Resp:	51571
Ion	Ratio	Lower	Upper
237	100		
235	61.2	44.8	84.8
272	12.5	0.0	33.3



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

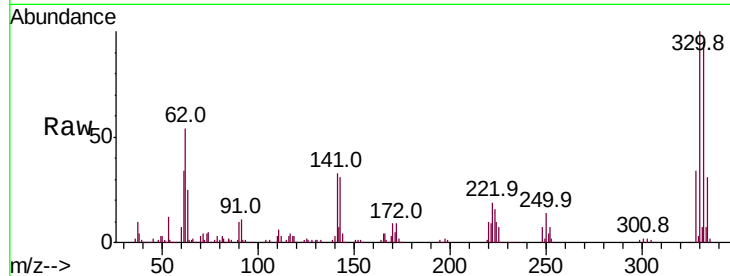




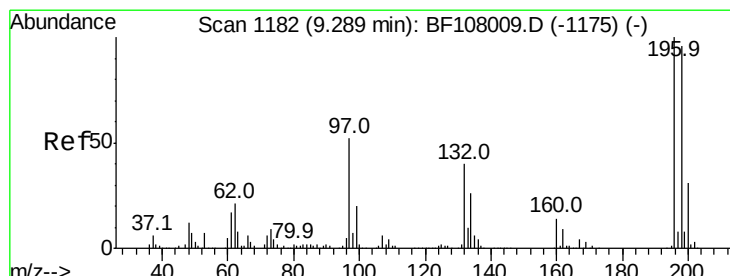
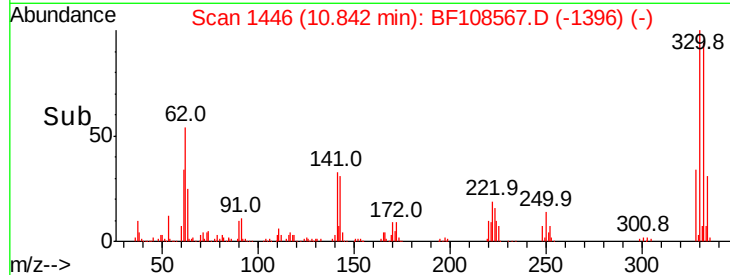
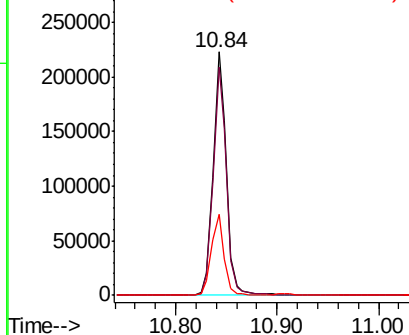
#41
 2,4,6-Tribromophenol
 Concen: 113.462 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108567.D
 Acq: 28 Aug 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MS

Tot Ion:330 Resp: 202714
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.0 115.6
 141 32.3 29.9 44.9

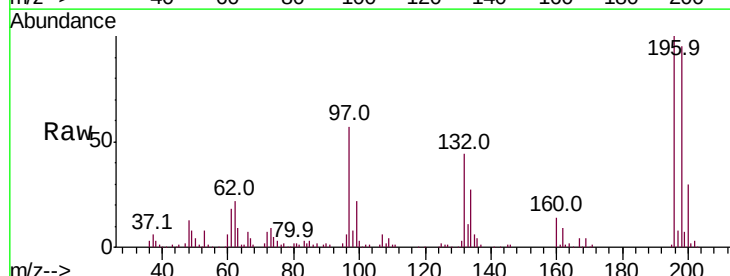


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

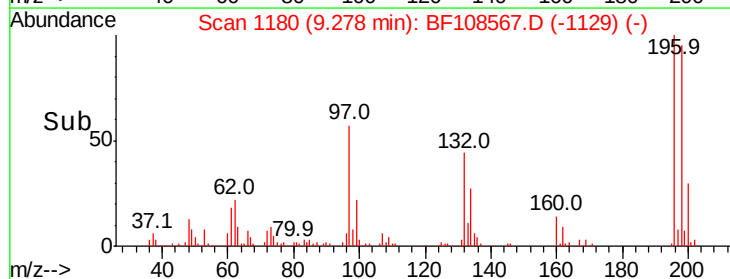
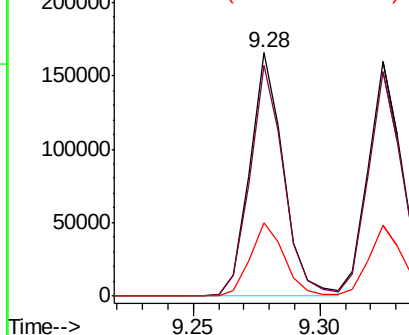


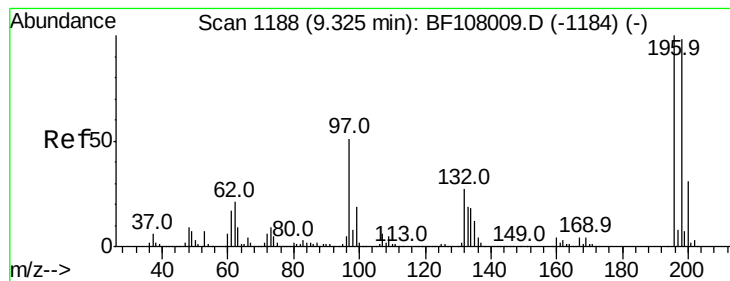
#42
 2,4,6-Trichlorophenol
 Concen: 44.910 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF108567.D
 Acq: 28 Aug 2018 20:34

Tgt Ion:196 Resp: 153293
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.7 113.5
 200 30.1 24.5 36.7



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

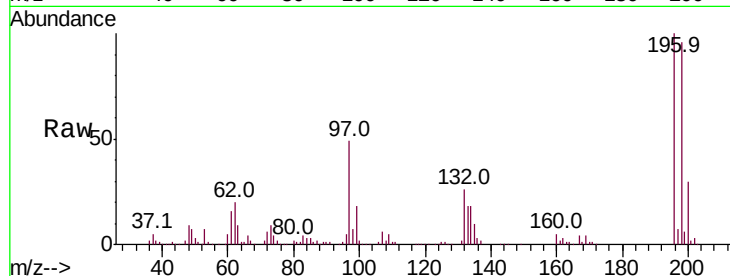




#43
 2,4,5-Trichlorophenol
 Concen: 42.884 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF108567.D
 Acq: 28 Aug 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MS

Tot Ion:	196	Resp:	161133
Ion	Ratio	Lower	Upper
196	100		
198	95.9	74.6	112.0
97	48.8	42.9	64.3
132	26.5	26.3	39.5



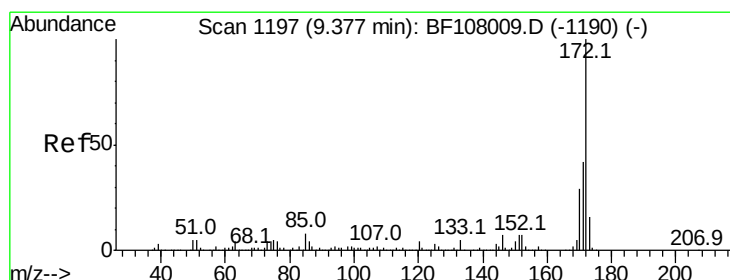
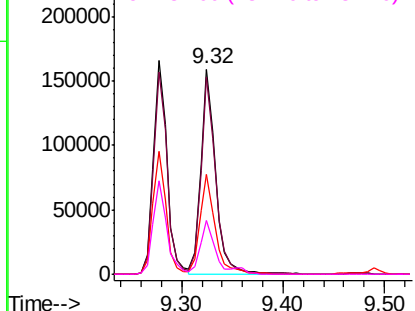
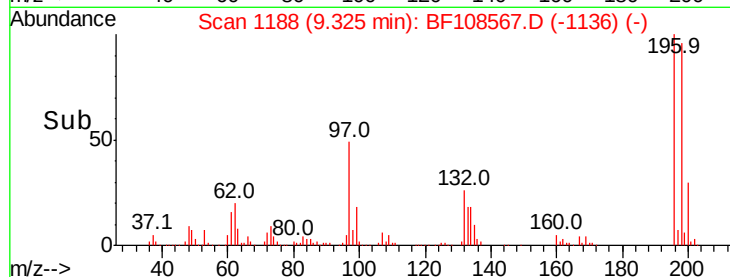
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

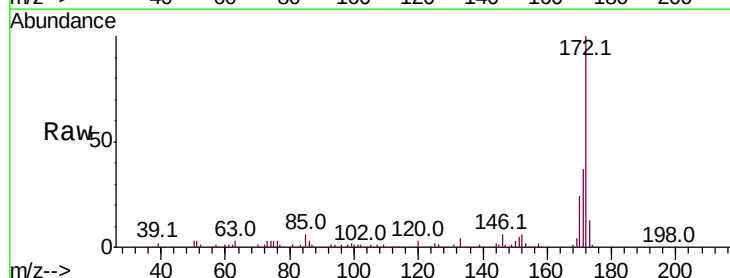
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.213 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108567.D
 Acq: 28 Aug 2018 20:34

Tgt Ion:	172	Resp:	939529
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.1	19.6	29.4

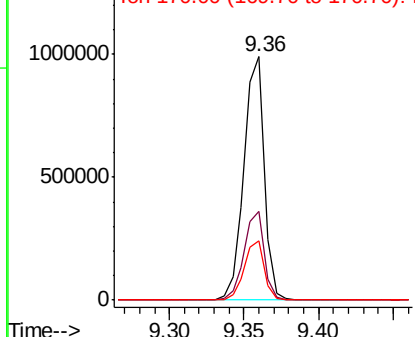
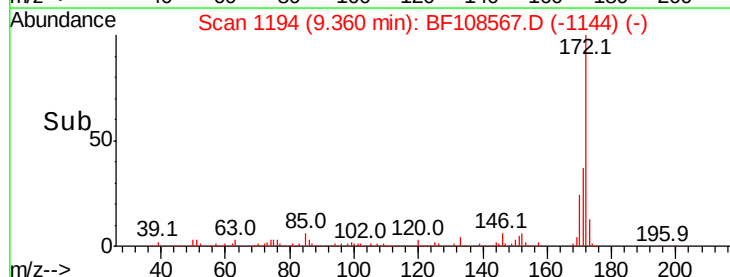


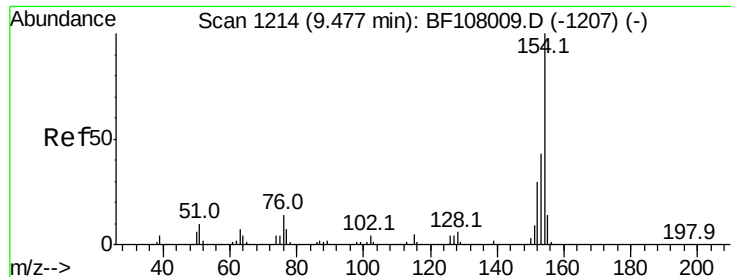
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

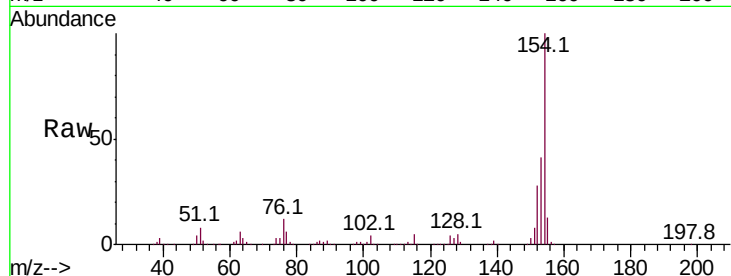




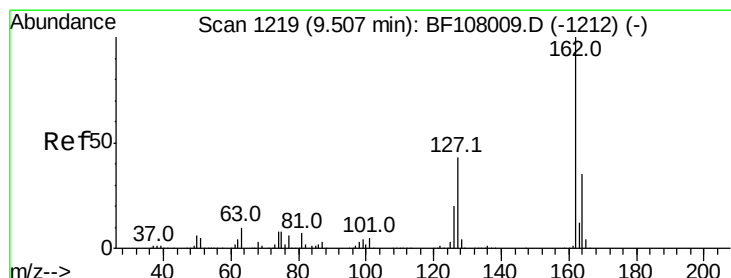
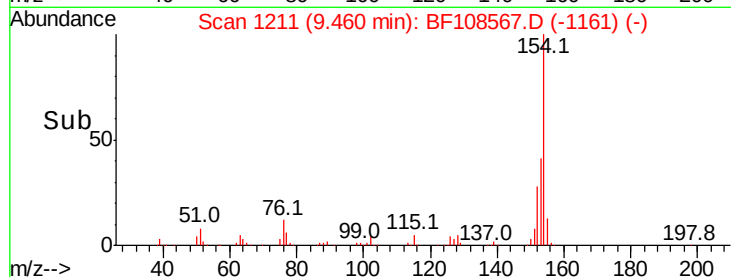
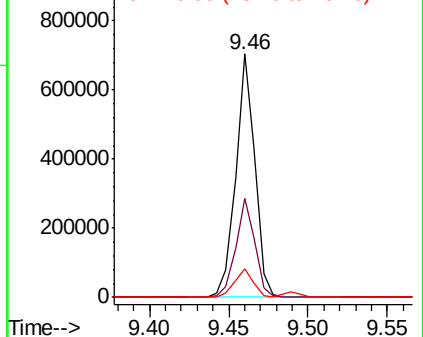
#45
 1,1'-Biphenyl
 Concen: 44.346 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF108567.D
 Acq: 28 Aug 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MS

Tot Ion:	154	Resp:	585638
Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	12.0	0.0	34.0

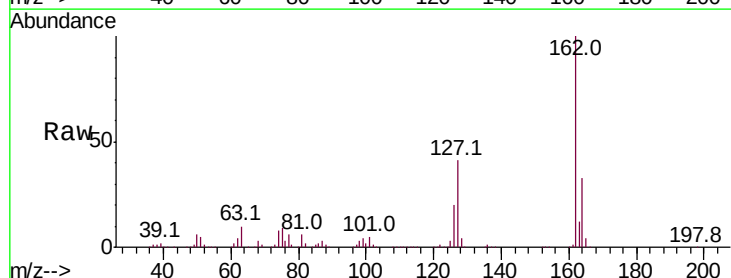


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

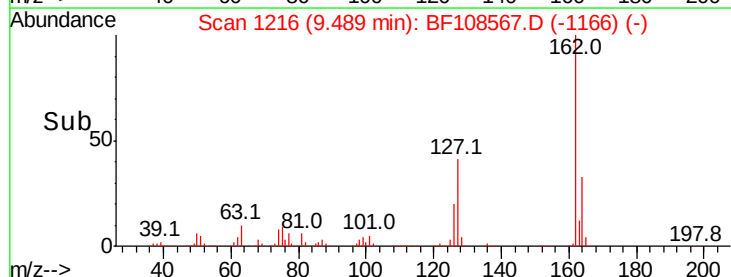
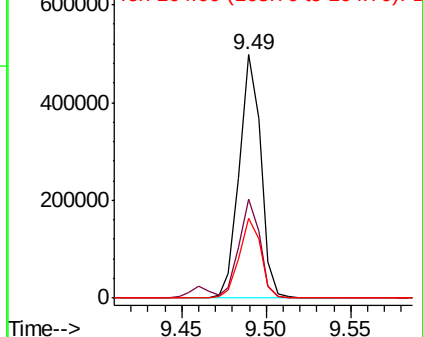


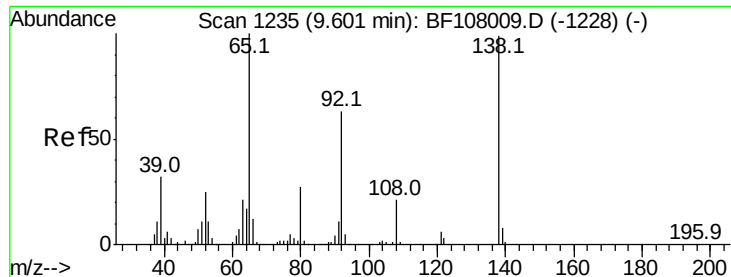
#46
 2-Chloronaphthalene
 Concen: 42.543 ng
 RT: 9.49 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF108567.D
 Acq: 28 Aug 2018 20:34

Tgt Ion:	162	Resp:	444048
Ion	Ratio	Lower	Upper
162	100		
127	40.8	33.9	50.9
164	32.8	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.560 ng

RT: 9.59 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036MS

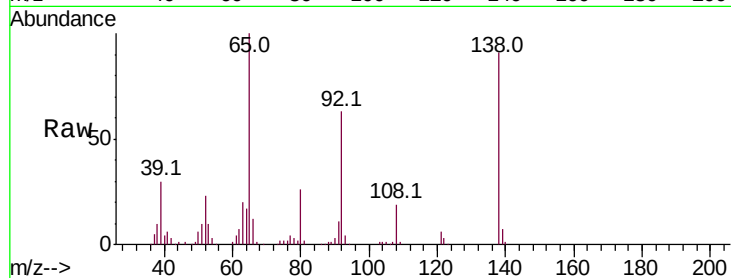
Tot Ion: 65 Resp: 147111

Ion Ratio Lower Upper

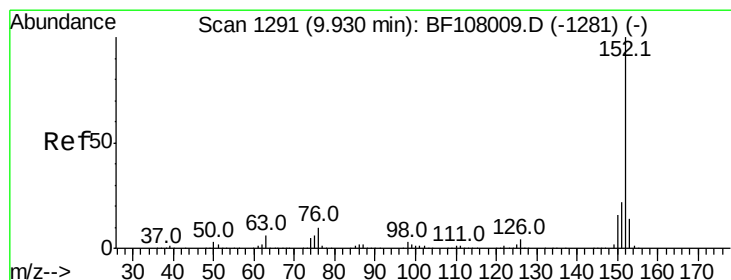
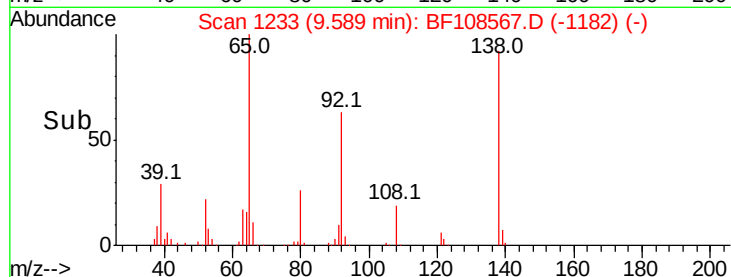
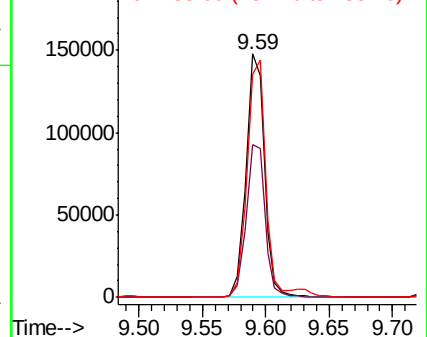
65 100

92 62.9 55.8 83.6

138 91.4 91.2 136.8



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



#48

Acenaphthylene

Concen: 41.998 ng

RT: 9.91 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

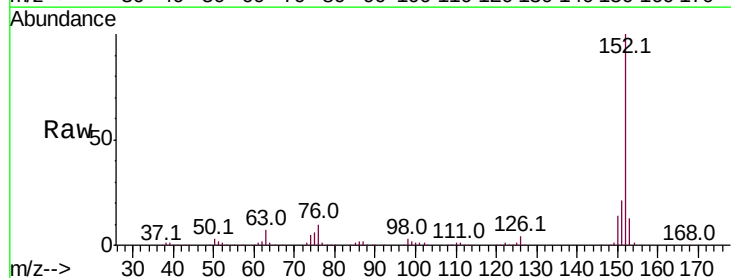
Tgt Ion: 152 Resp: 693012

Ion Ratio Lower Upper

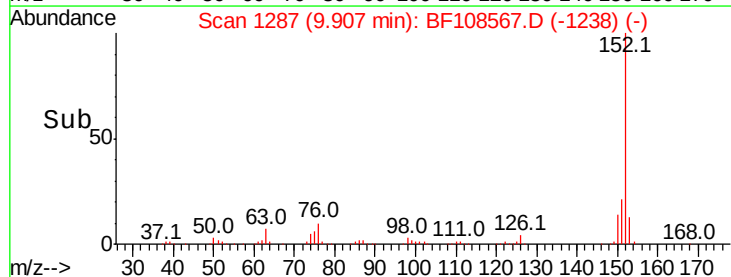
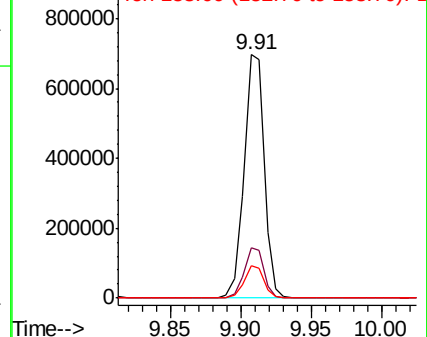
152 100

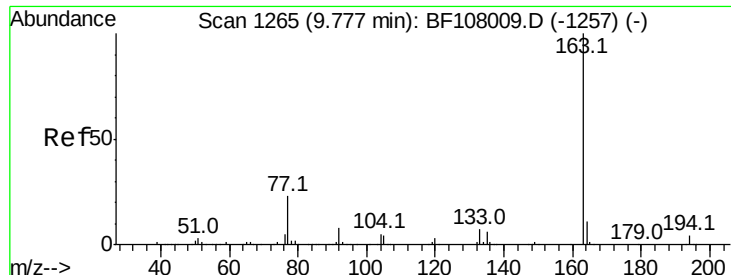
151 20.6 16.3 24.5

153 13.4 10.7 16.1



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

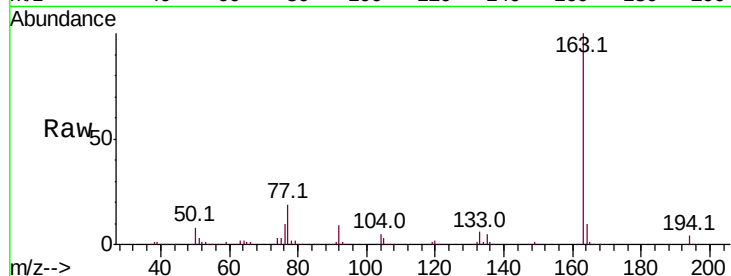




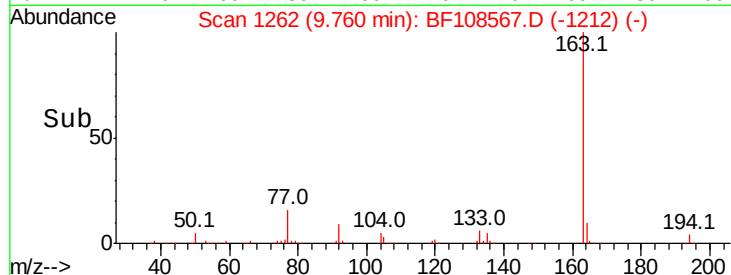
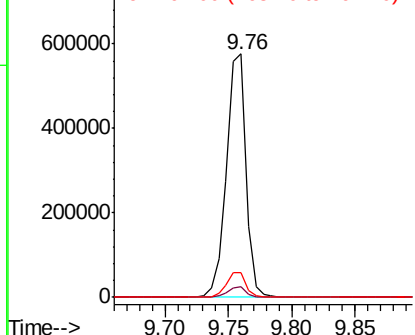
#49
Dimethylphthalate
Concen: 49.160 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF108567.D
Acq: 28 Aug 2018 20:34

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

Tot Ion:163 Resp: 613363
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.0 8.2 12.2

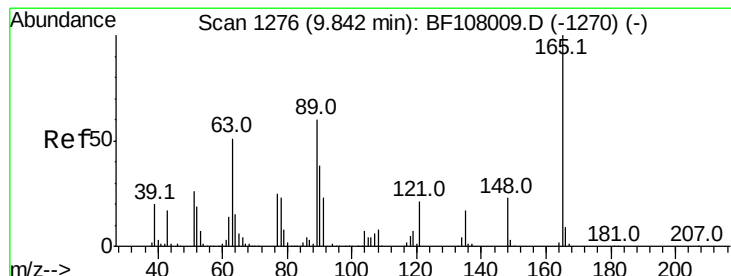


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

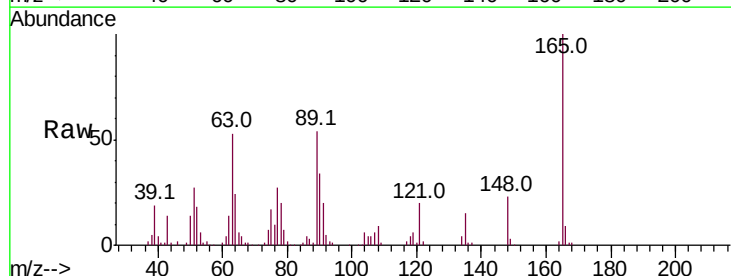
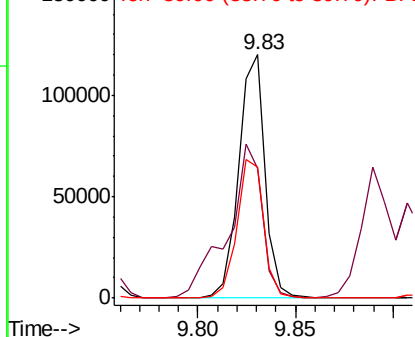


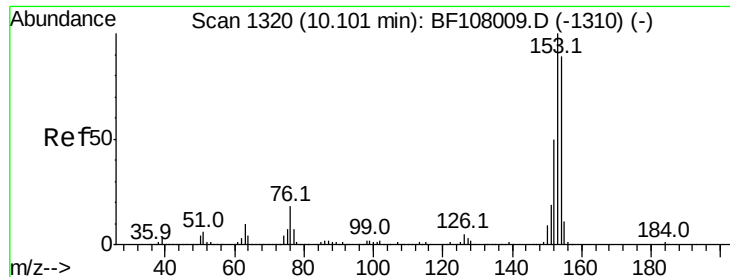
#50
2,6-Dinitrotoluene
Concen: 42.623 ng
RT: 9.83 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BF108567.D
Acq: 28 Aug 2018 20:34

Tgt Ion:165 Resp: 111263
Ion Ratio Lower Upper
165 100
63 53.4 44.7 67.1
89 53.8 44.0 66.0



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





#51

Acenaphthene

Concen: 39.044 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036MS

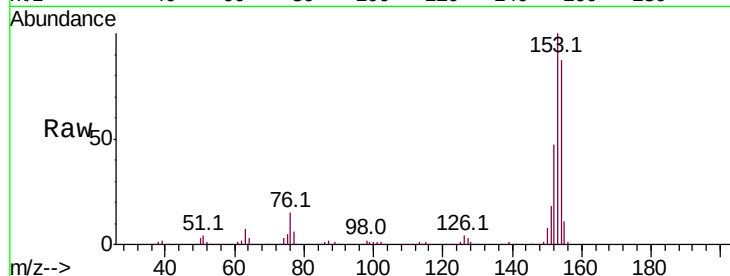
Tot Ion:154 Resp: 394612

Ion Ratio Lower Upper

154 100

153 114.7 91.2 136.8

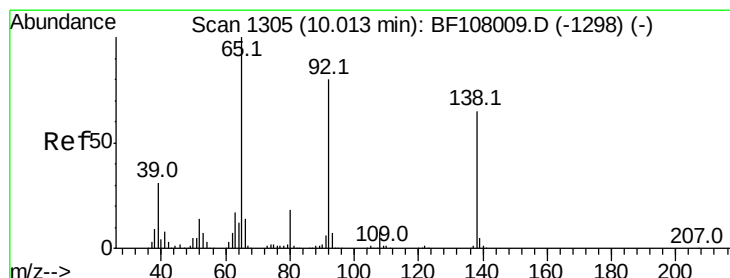
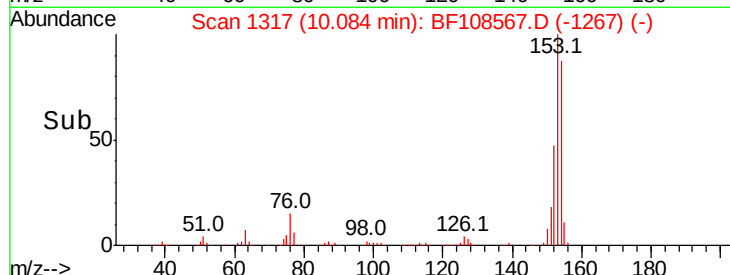
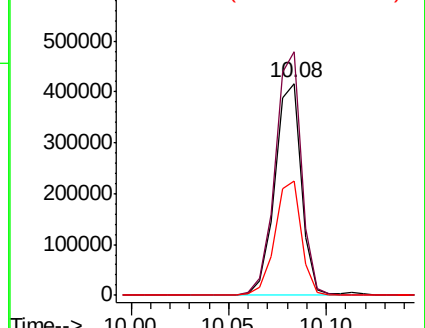
152 54.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.690 ng

RT: 10.01 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

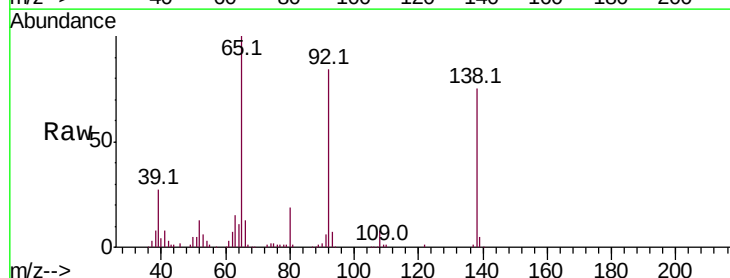
Tgt Ion:138 Resp: 96221

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

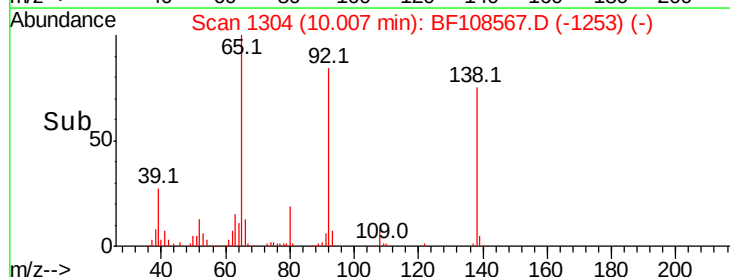
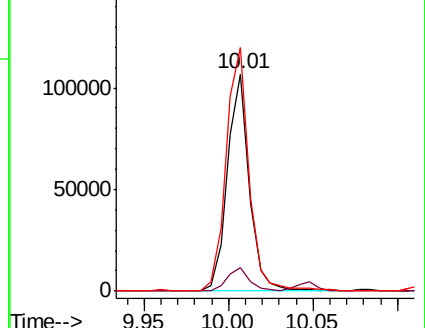
92 112.3 89.4 134.2

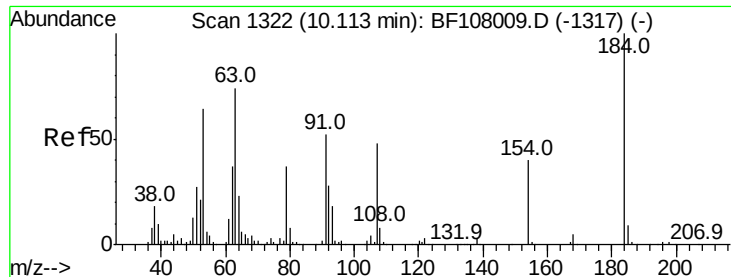


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

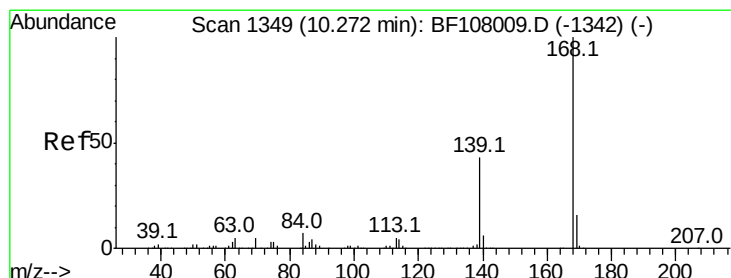
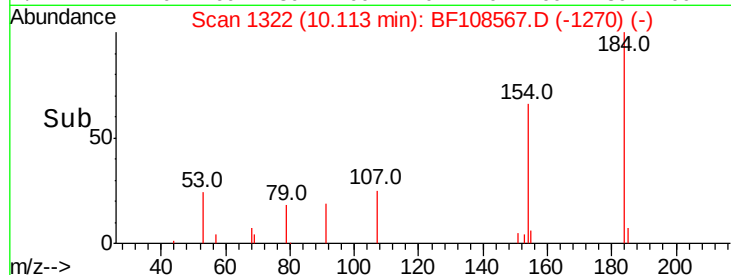
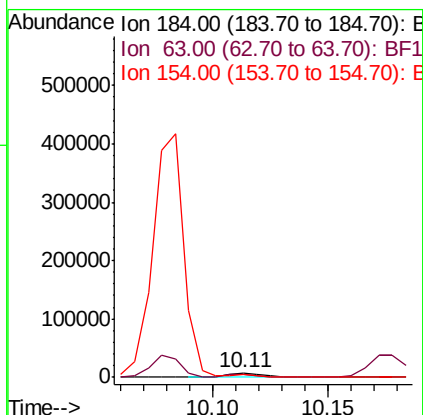
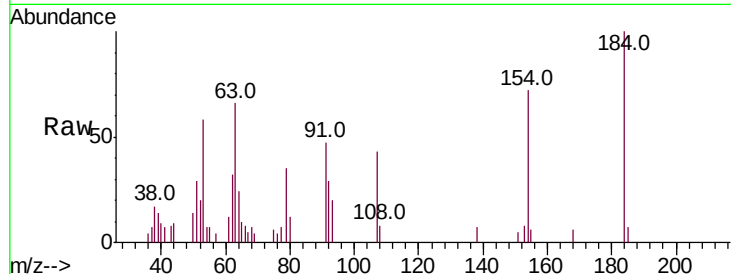




#53
 2,4-Dinitrophenol
 Concen: 15.105 ng
 RT: 10.11 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: BF108567.D
 Acq: 28 Aug 2018 20:34

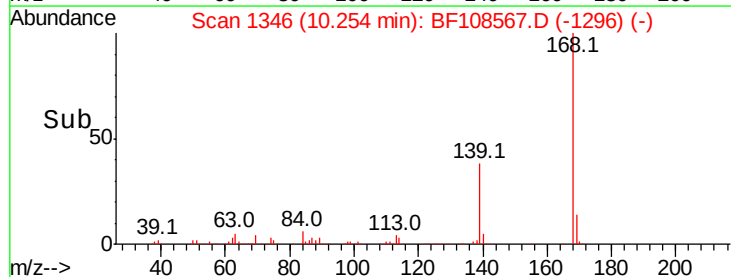
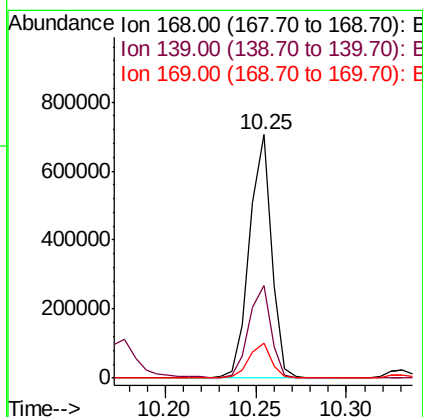
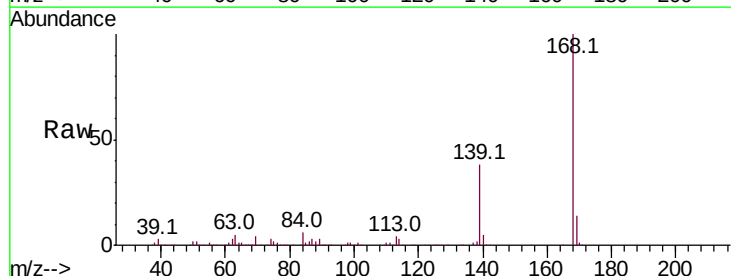
Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MS

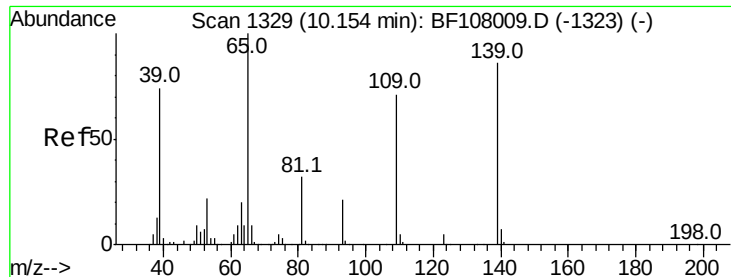
Tot Ion:184 Resp: 8657
 Ion Ratio Lower Upper
 184 100
 63 65.6 54.2 81.2
 154 71.6 184.0 276.0#



#54
 Dibenzofuran
 Concen: 40.734 ng
 RT: 10.25 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF108567.D
 Acq: 28 Aug 2018 20:34

Tgt Ion:168 Resp: 596459
 Ion Ratio Lower Upper
 168 100
 139 38.3 30.1 45.1
 169 14.1 10.9 16.3

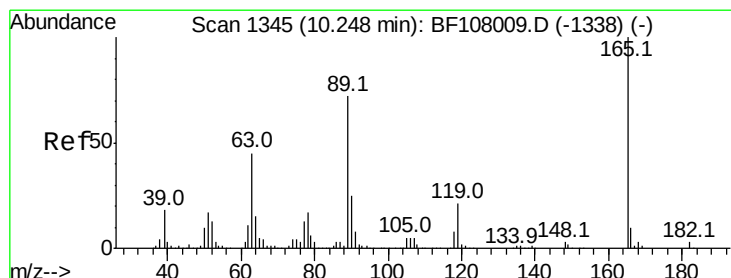
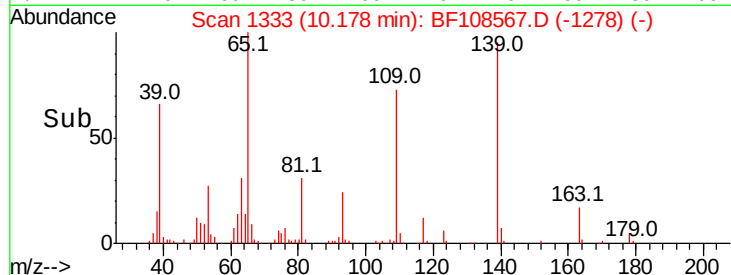
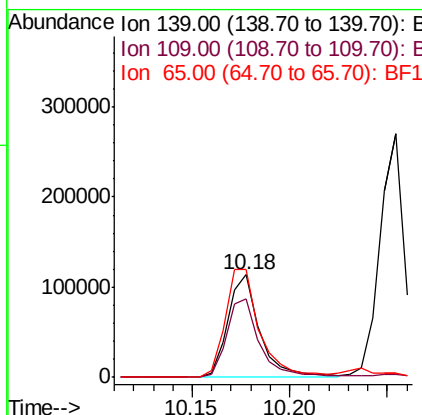
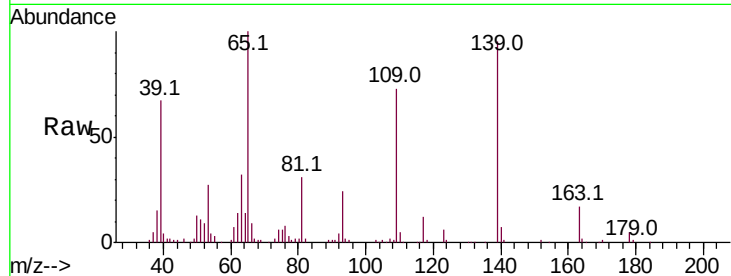




#55
4-Nitrophenol
Concen: 60.338 ng
RT: 10.18 min Scan# 1333
Delta R.T. 0.02 min
Lab File: BF108567.D
Acq: 28 Aug 2018 20:34

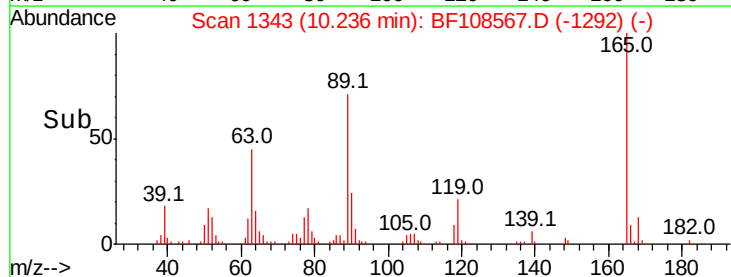
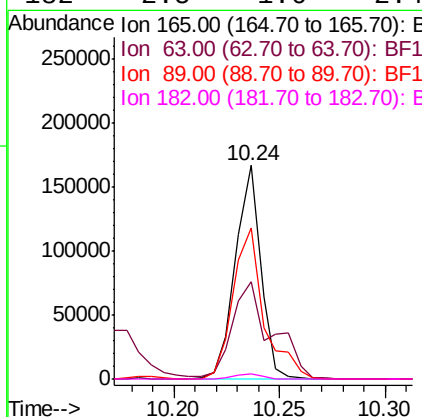
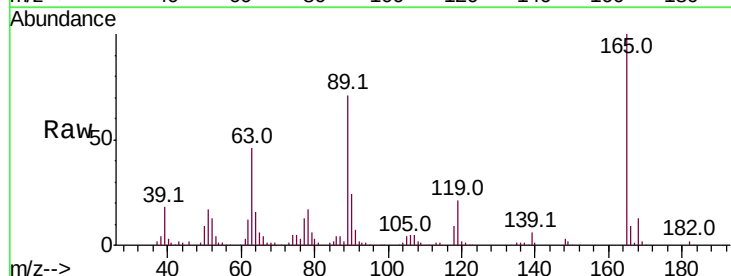
Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

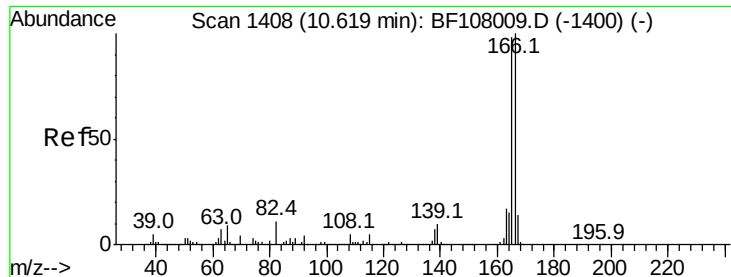
Tot Ion:139 Resp: 130499
Ion Ratio Lower Upper
139 100
109 77.0 48.4 88.4
65 105.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 41.211 ng
RT: 10.24 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF108567.D
Acq: 28 Aug 2018 20:34

Tgt Ion:165 Resp: 138472
Ion Ratio Lower Upper
165 100
63 45.5 36.4 54.6
89 71.0 57.8 86.6
182 2.5 1.6 2.4#





#57

Fluorene

Concen: 39.575 ng

RT: 10.60 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036MS

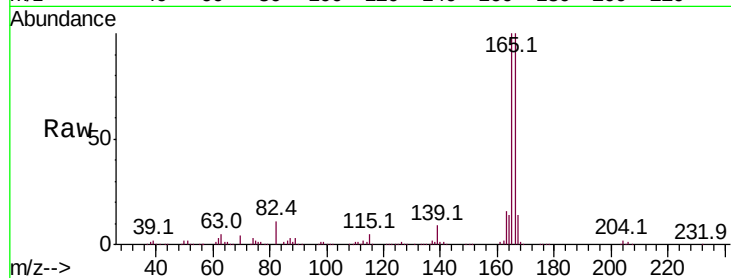
Tot Ion:166 Resp: 458734

Ion Ratio Lower Upper

166 100

165 100.0 79.8 119.8

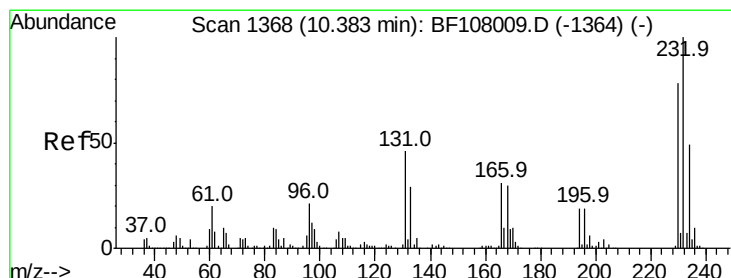
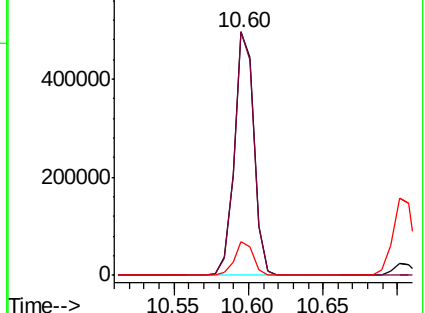
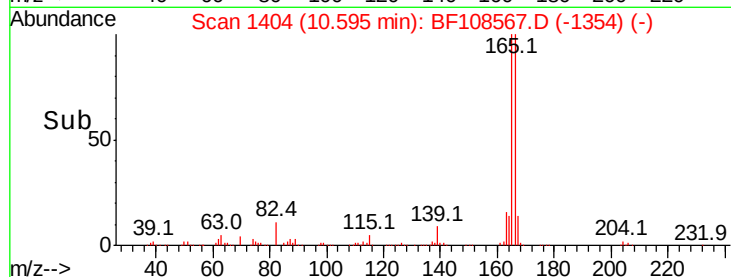
167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.169 ng

RT: 10.37 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Tgt Ion:232 Resp: 116730

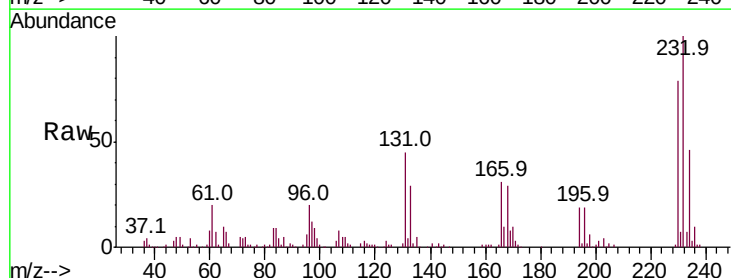
Ion Ratio Lower Upper

232 100

131 42.5 43.8 65.8#

130 2.1 2.1 3.1

166 29.1 27.8 41.6

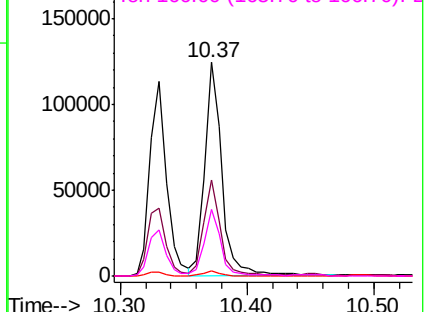
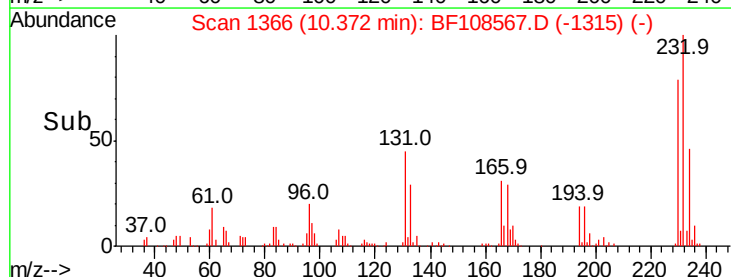


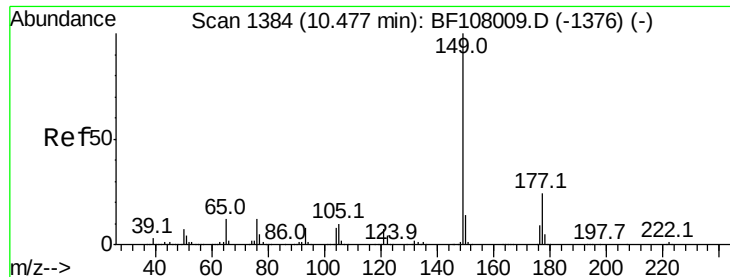
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

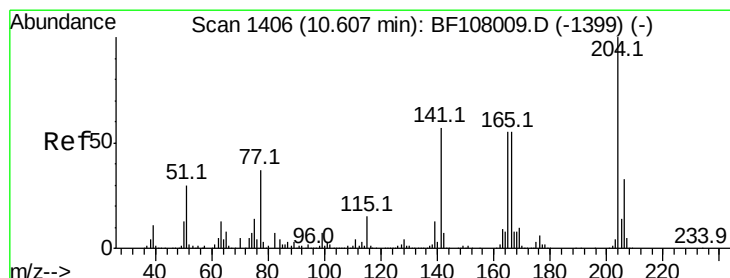
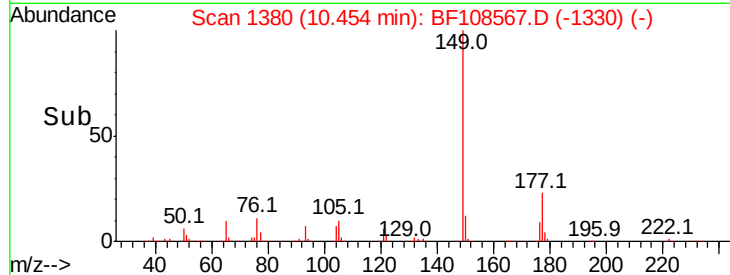
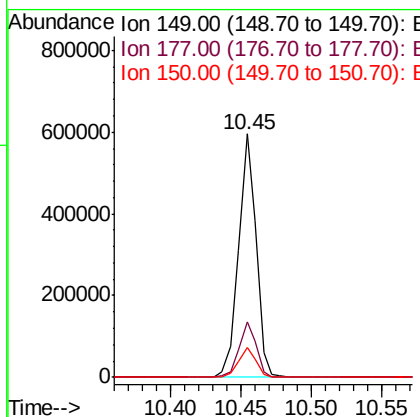
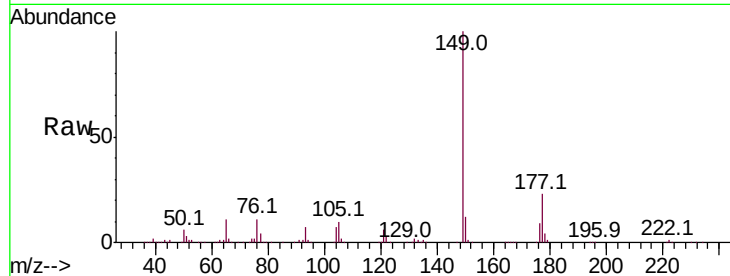




#59
 Diethylphthalate
 Concen: 42.534 ng
 RT: 10.45 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF108567.D
 Acq: 28 Aug 2018 20:34

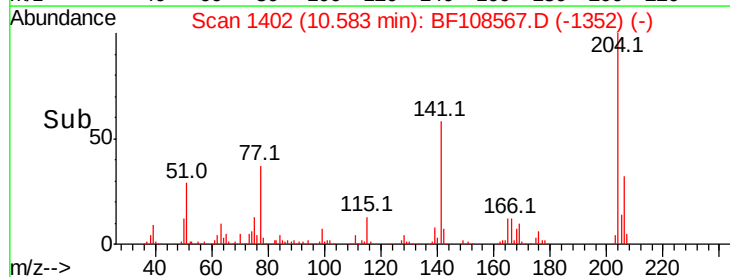
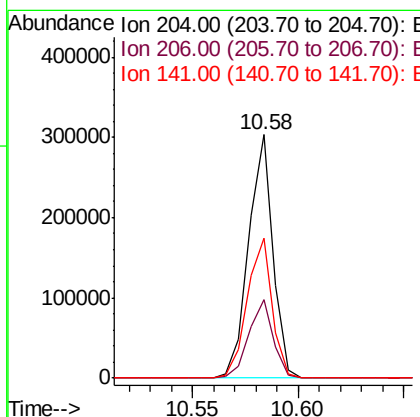
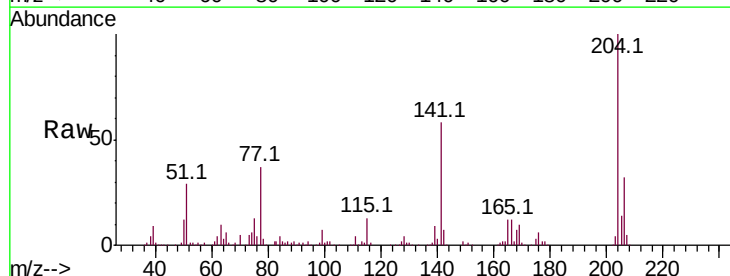
Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MS

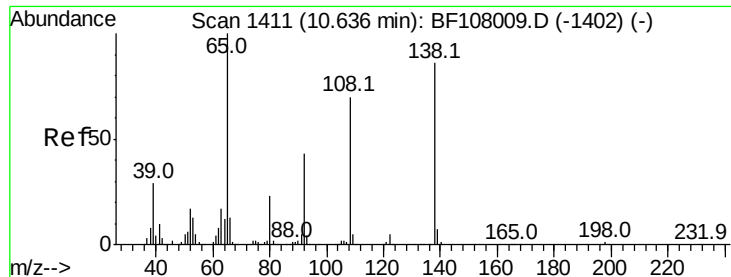
Tot Ion:	149	Resp:	513891
Ion	Ratio	Lower	Upper
149	100		
177	22.7	16.1	24.1
150	12.2	10.1	15.1



#60
 4-Chlorophenyl-phenylether
 Concen: 40.121 ng
 RT: 10.58 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF108567.D
 Acq: 28 Aug 2018 20:34

Tgt Ion:	204	Resp:	242328
Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	57.7	54.6	81.8

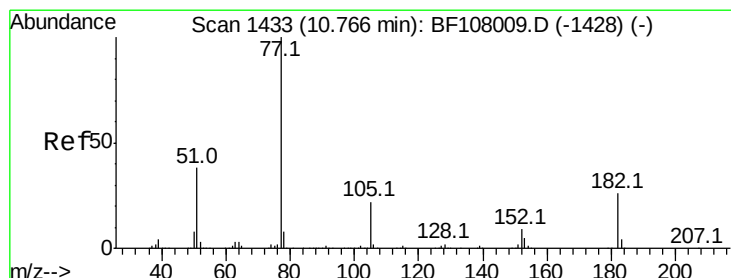
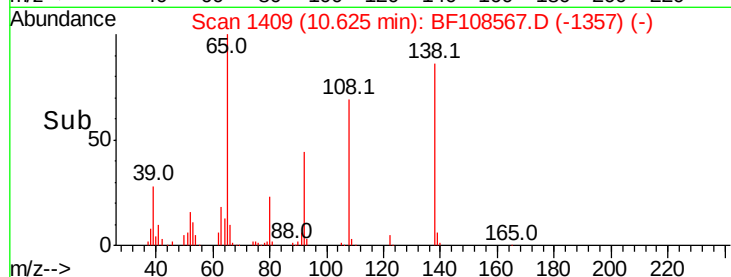
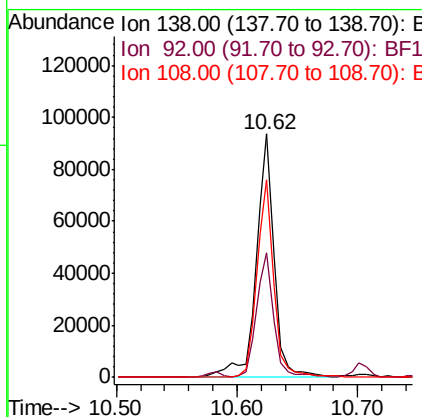
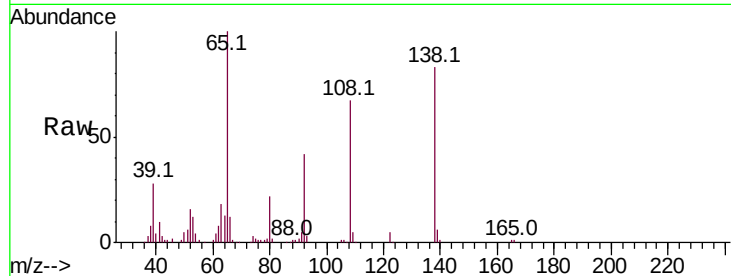




#61
4-Nitroaniline
Concen: 34.474 ng
RT: 10.62 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF108567.D
Acq: 28 Aug 2018 20:34

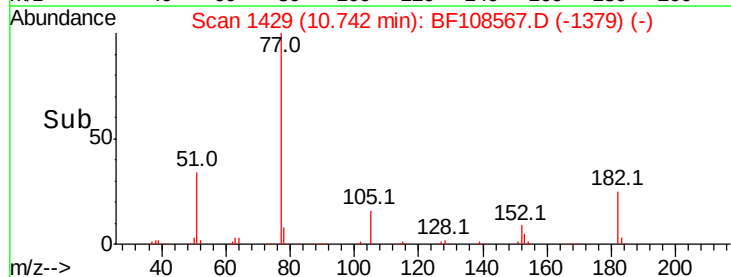
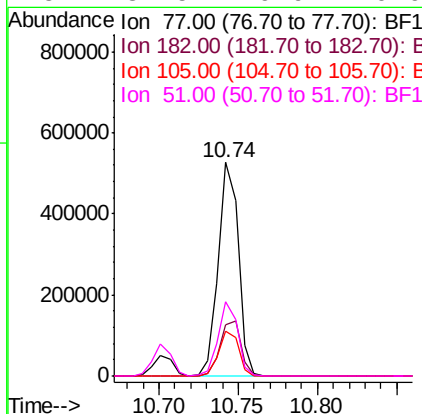
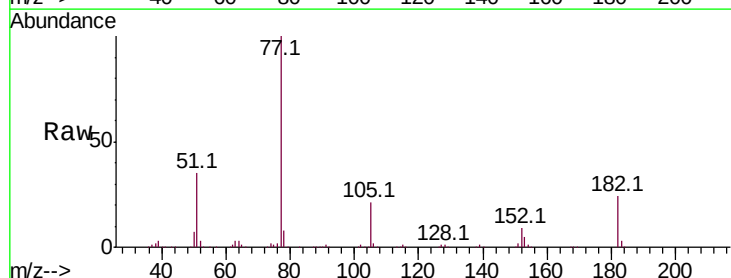
Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

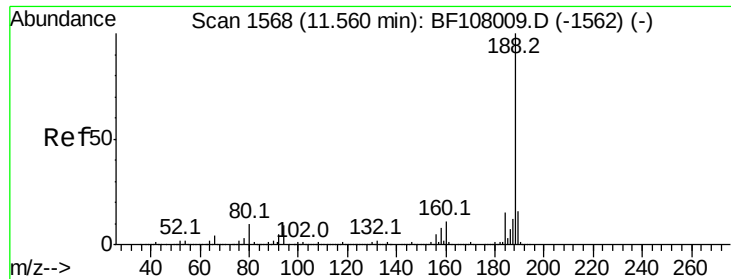
Tot Ion:138 Resp: 97347
Ion Ratio Lower Upper
138 100
92 51.0 30.2 70.2
108 80.9 52.5 92.5



#62
Azobenzene
Concen: 37.320 ng
RT: 10.74 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF108567.D
Acq: 28 Aug 2018 20:34

Tgt Ion: 77 Resp: 465650
Ion Ratio Lower Upper
77 100
182 23.9 1.7 41.7
105 20.7 3.0 43.0
51 34.5 9.9 49.9

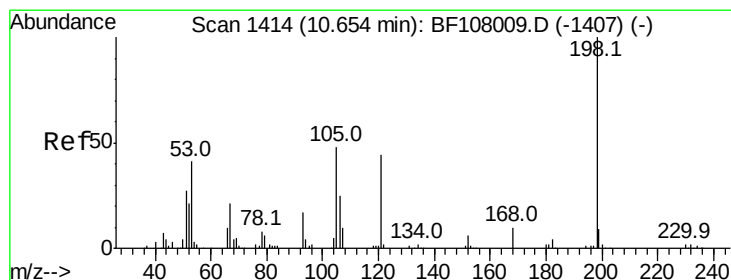
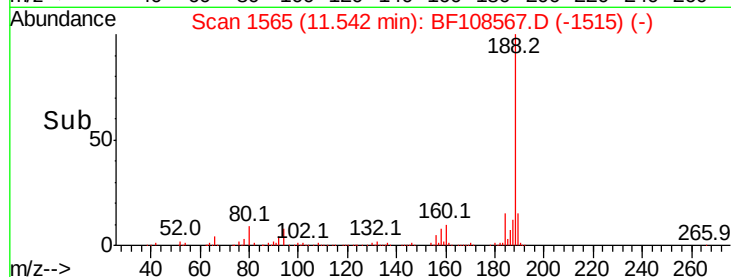
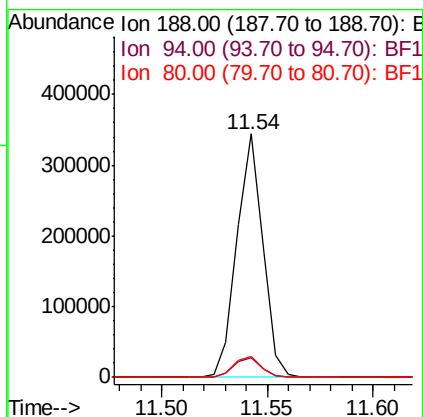
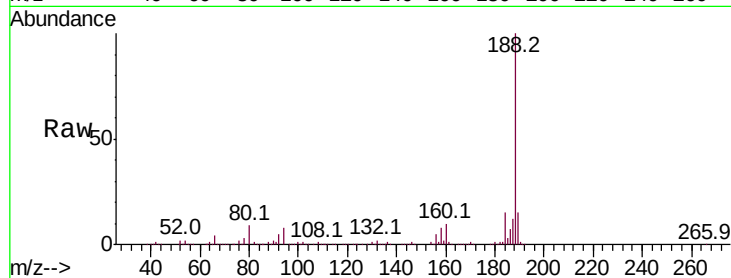




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108567.D
Acq: 28 Aug 2018 20:34

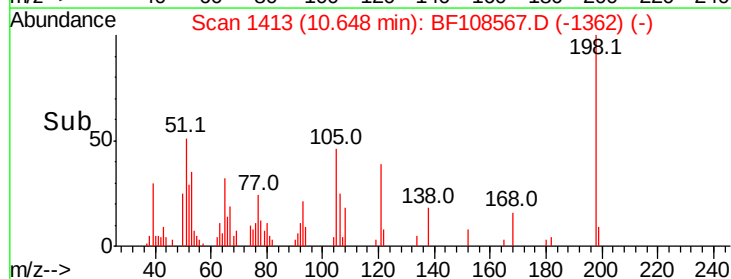
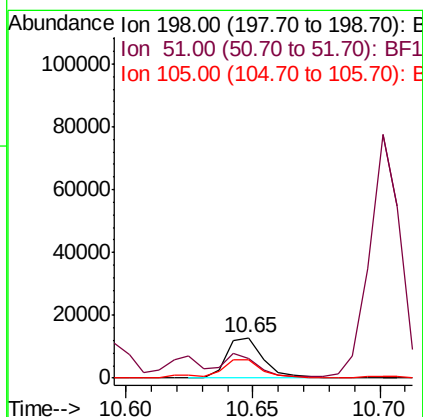
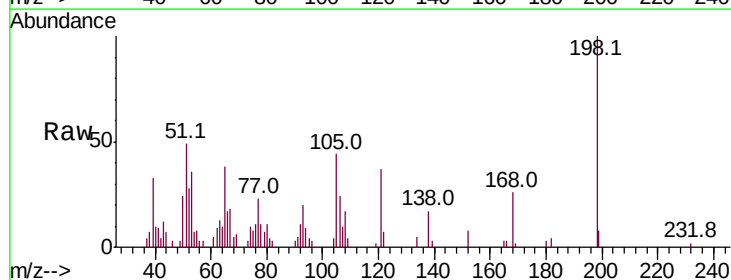
Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

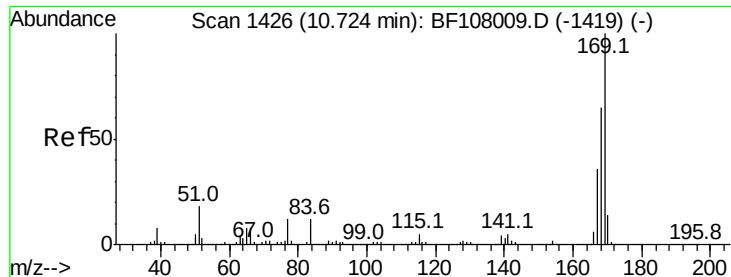
Tot Ion:188 Resp: 292061
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 8.7 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 15.795 ng
RT: 10.65 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF108567.D
Acq: 28 Aug 2018 20:34

Tgt Ion:198 Resp: 12882
Ion Ratio Lower Upper
198 100
51 48.7 37.7 77.7
105 44.1 36.3 76.3

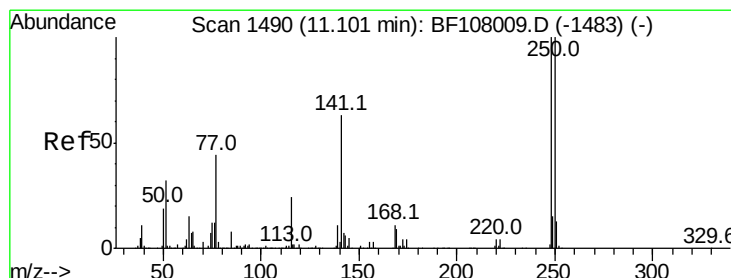
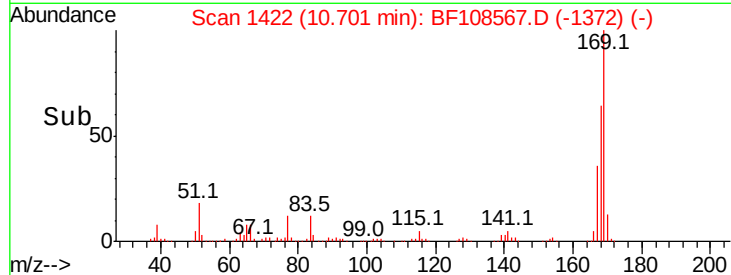
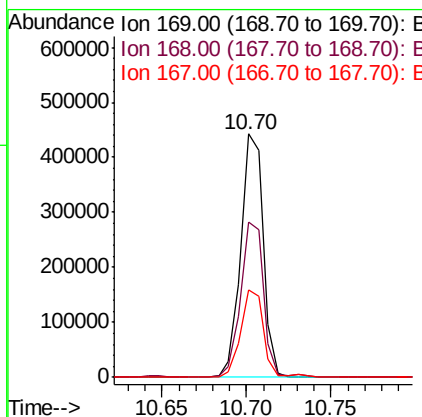
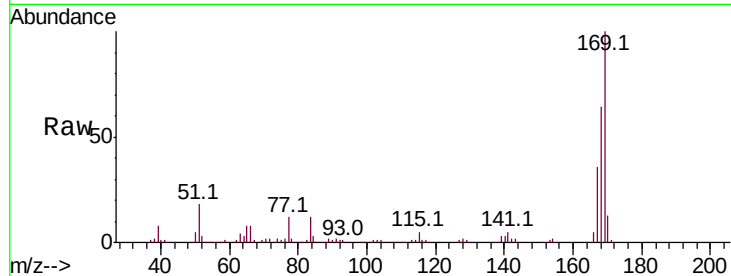




#65
 n-Nitrosodiphenylamine
 Concen: 47.738 ng
 RT: 10.70 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF108567.D
 Acq: 28 Aug 2018 20:34

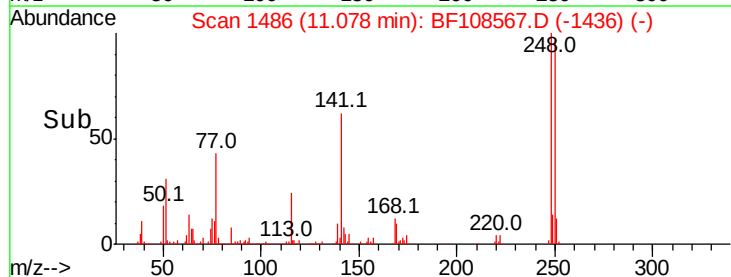
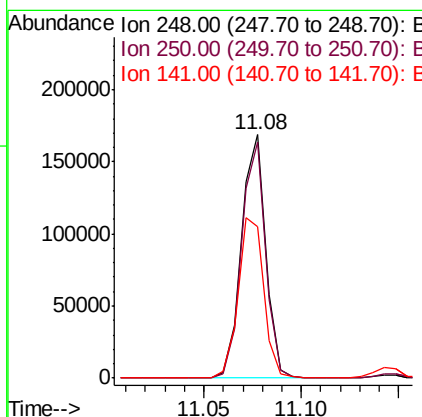
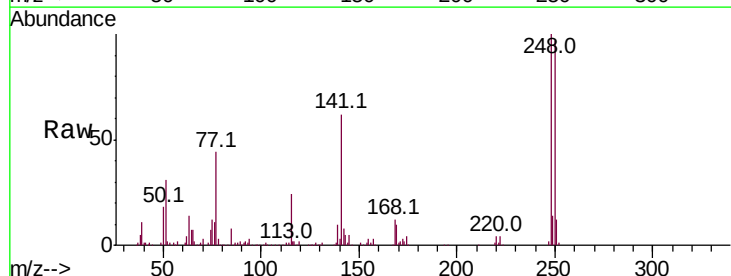
Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MS

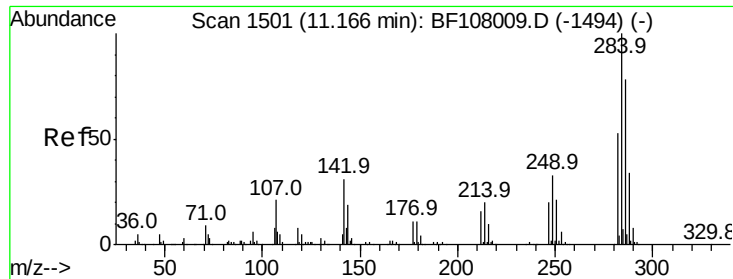
Tot Ion	Ratio	Lower	Upper
169	100		
168	63.8	54.4	81.6
167	35.7	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 45.738 ng
 RT: 11.08 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BF108567.D
 Acq: 28 Aug 2018 20:34

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.9	115.3
141	62.0	74.4	111.6

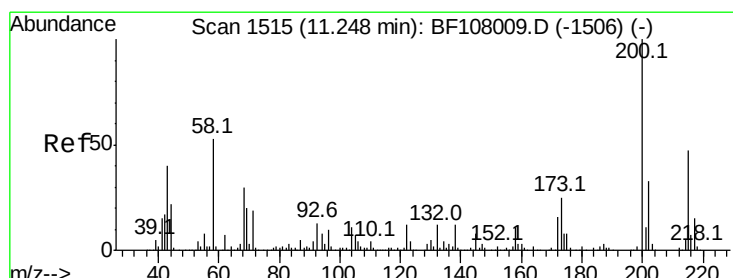
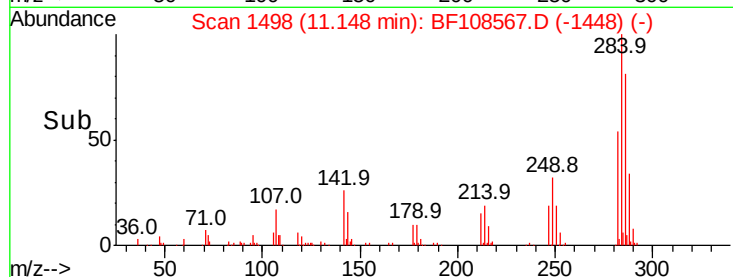
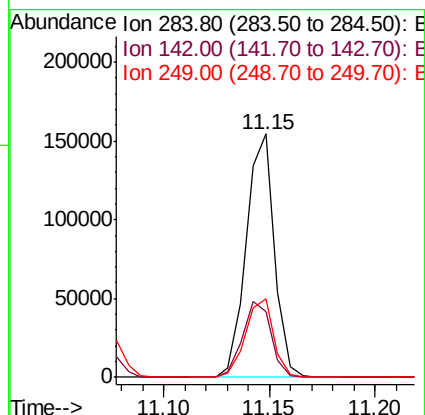
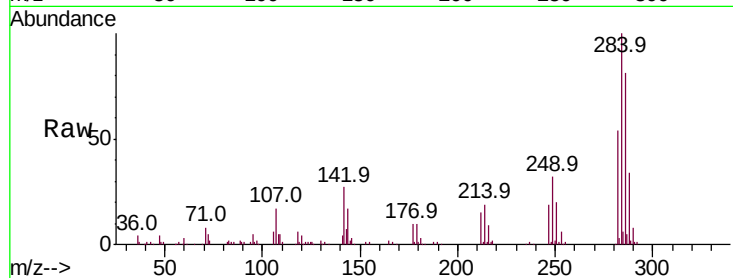




#67
Hexachlorobenzene
Concen: 42.678 ng
RT: 11.15 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF108567.D
Acq: 28 Aug 2018 20:34

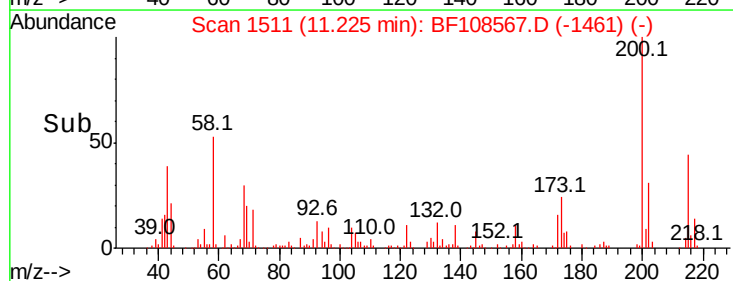
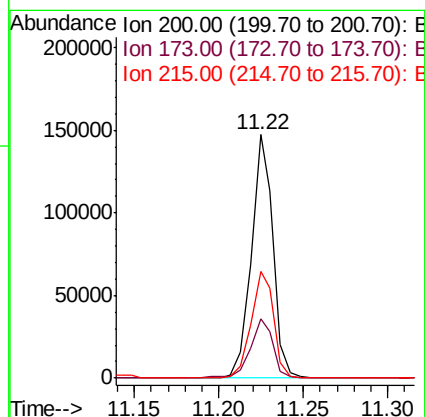
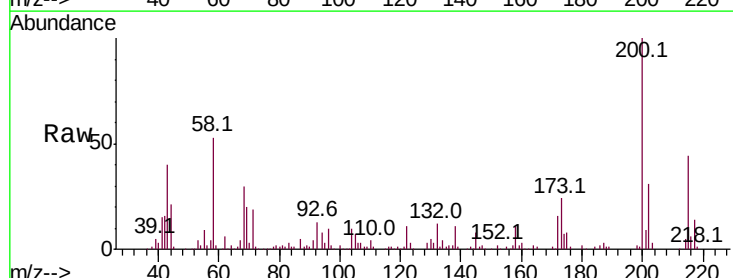
Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

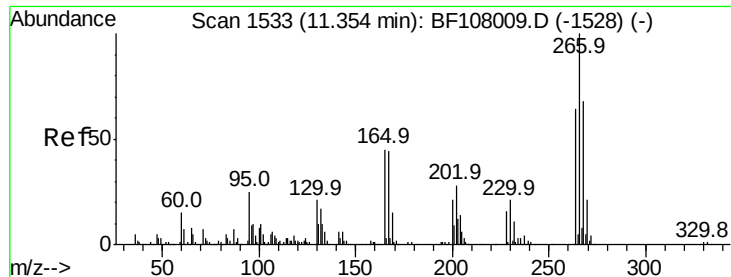
Tot Ion	Ratio	Lower	Upper
284	100		
142	27.2	34.6	52.0#
249	32.0	24.8	37.2



#68
Atrazine
Concen: 45.386 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF108567.D
Acq: 28 Aug 2018 20:34

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.2	8.6	48.6
215	43.8	25.1	65.1

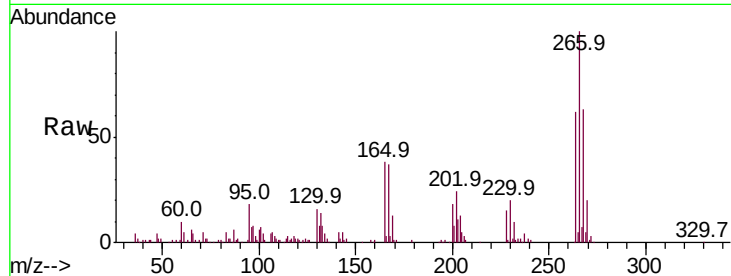




#69
 Pentachlorophenol
 Concen: 70.214 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. 0.00 min
 Lab File: BF108567.D
 Acq: 28 Aug 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	62.4	49.5	74.3

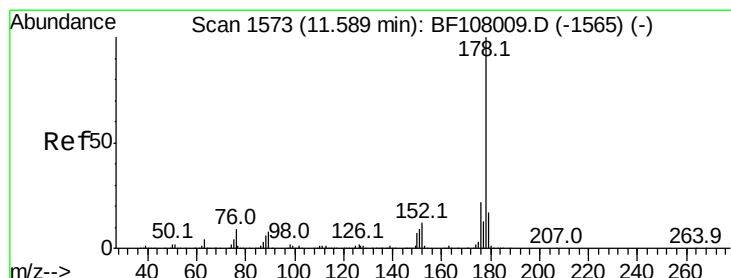
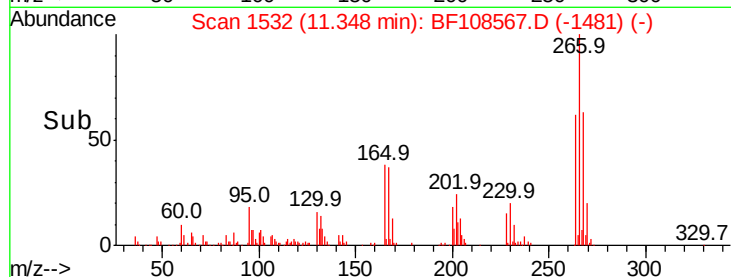
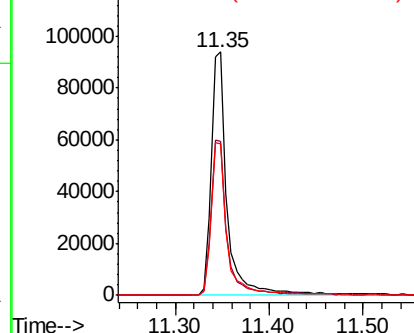


Abundance

Ion 265.70 (265.40 to 266.40): E

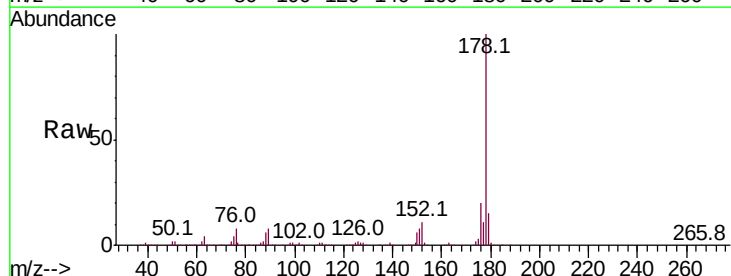
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 42.002 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108567.D
 Acq: 28 Aug 2018 20:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.5	13.0	19.6

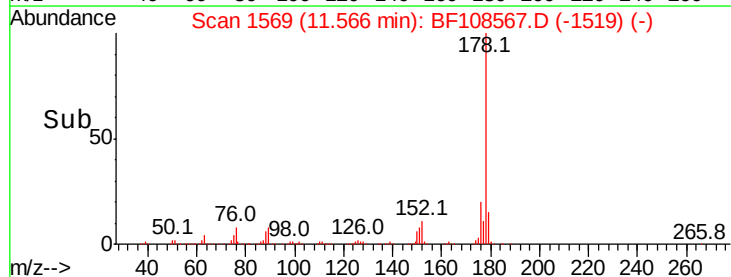
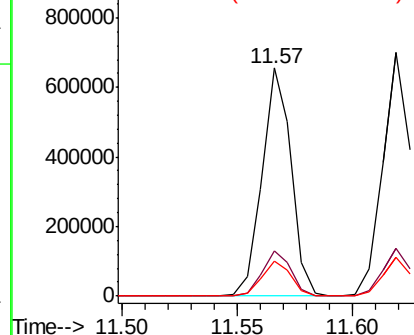


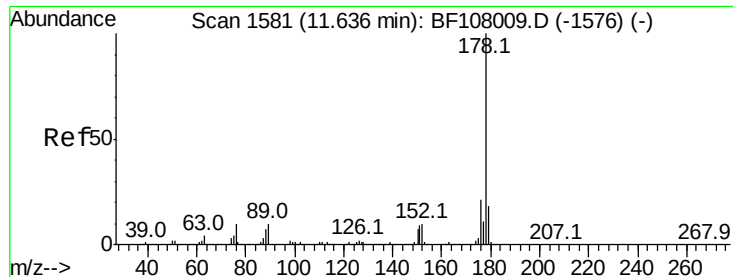
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

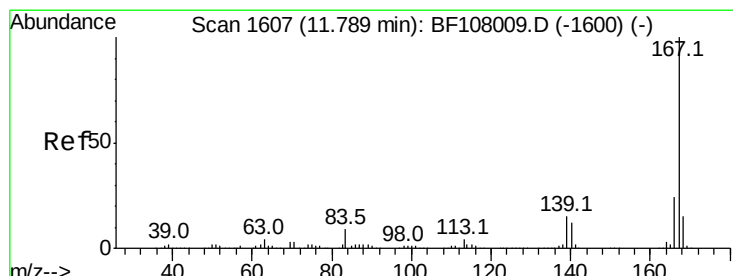
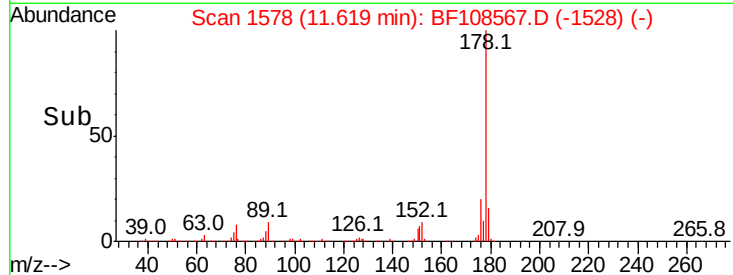
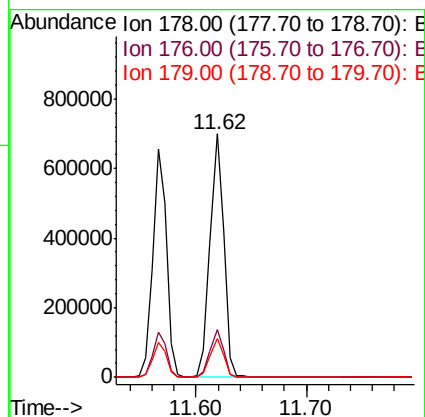
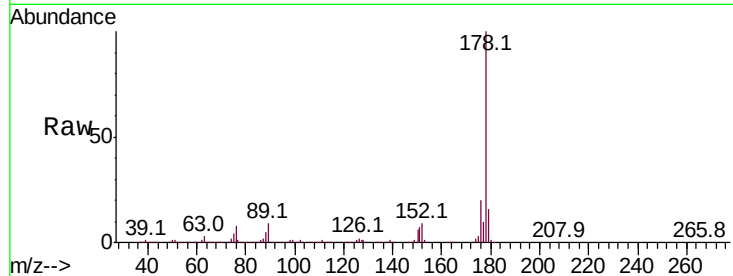




#71
 Anthracene
 Concen: 41.621 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108567.D
 Acq: 28 Aug 2018 20:34

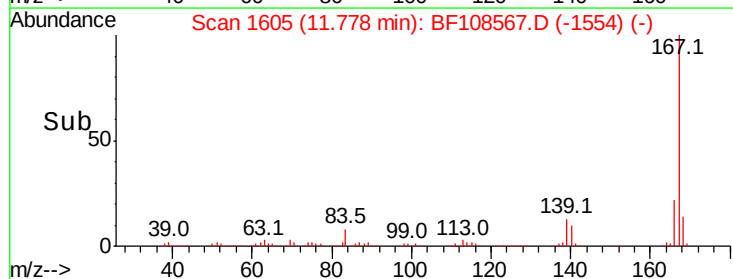
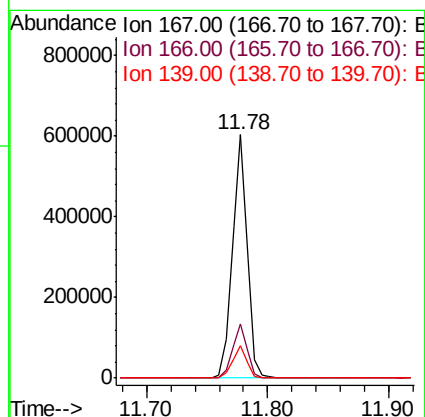
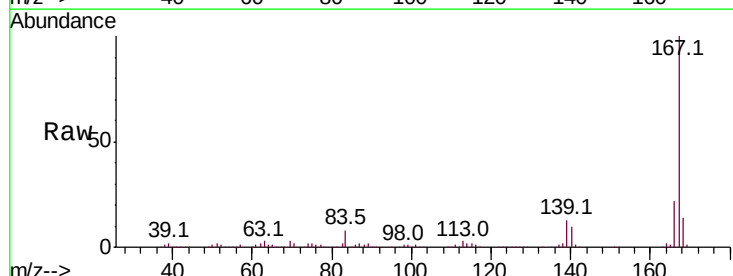
Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MS

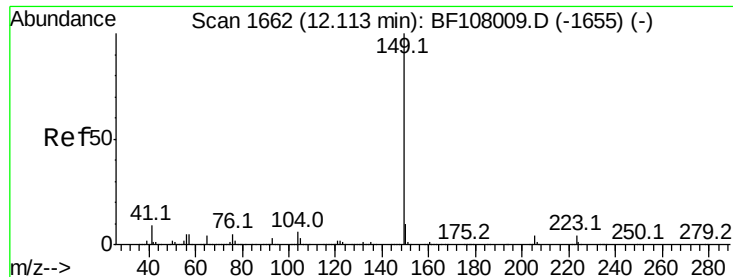
Tot Ion:178 Resp: 587641
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 40.781 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: BF108567.D
 Acq: 28 Aug 2018 20:34

Tgt Ion:167 Resp: 511569
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.2 10.9 16.3

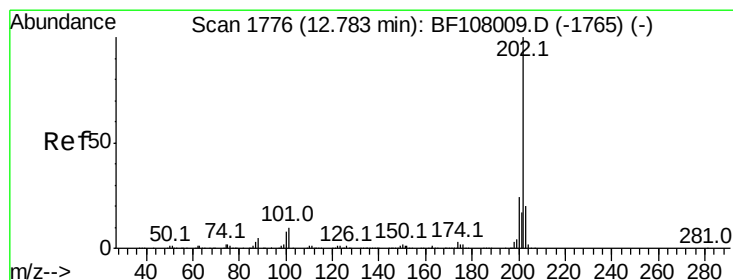
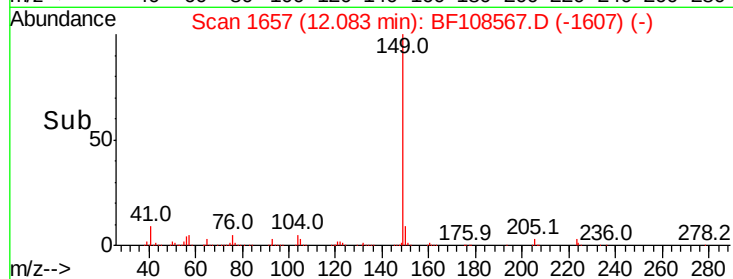
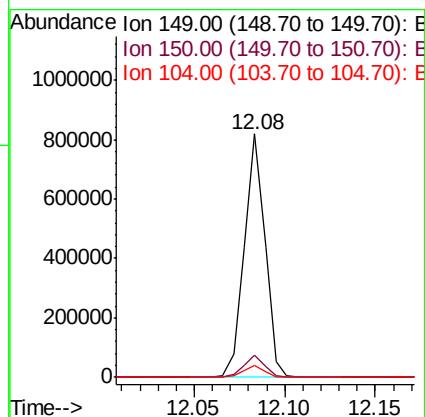
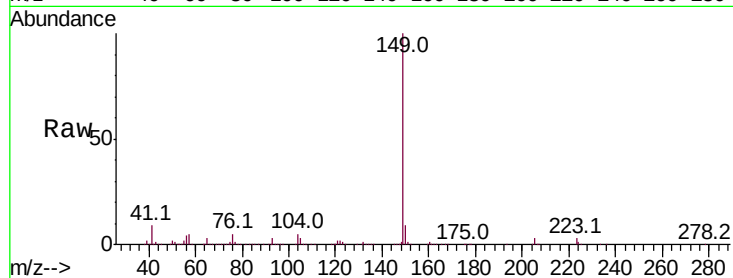




#73
Di-n-butylphthalate
Concen: 45.804 ng
RT: 12.08 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BF108567.D
Acq: 28 Aug 2018 20:34

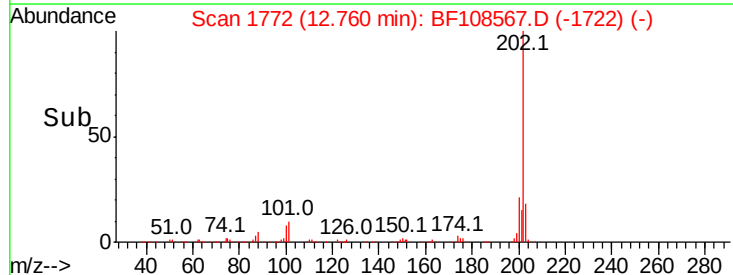
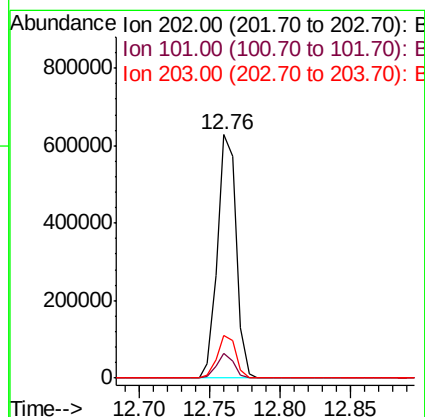
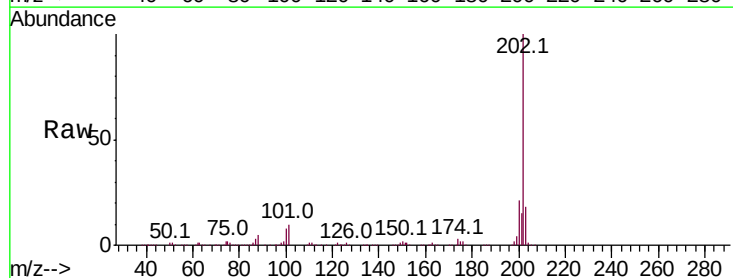
Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

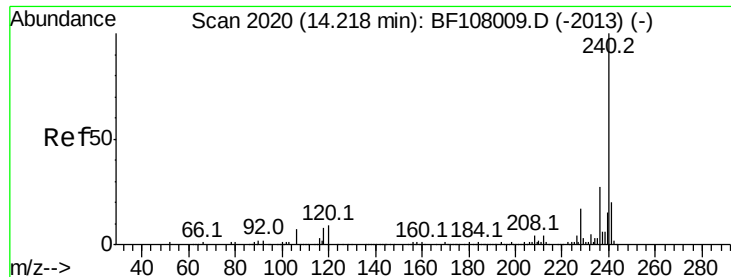
Tot Ion:	149	Resp:	650811
Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.8	11.6
104	5.0	3.8	5.8



#74
Fluoranthene
Concen: 38.972 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108567.D
Acq: 28 Aug 2018 20:34

Tgt Ion:	202	Resp:	585920
Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036MS

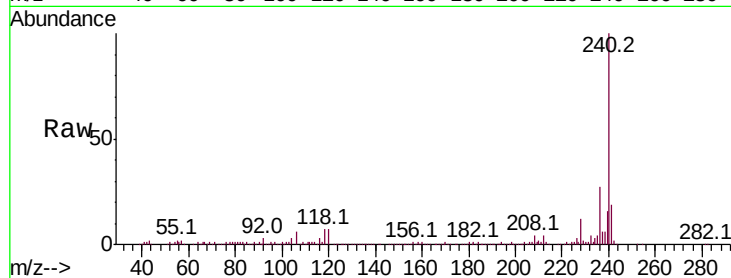
Tot Ion:240 Resp: 238942

Ion Ratio Lower Upper

240 100

120 7.4 9.5 14.3#

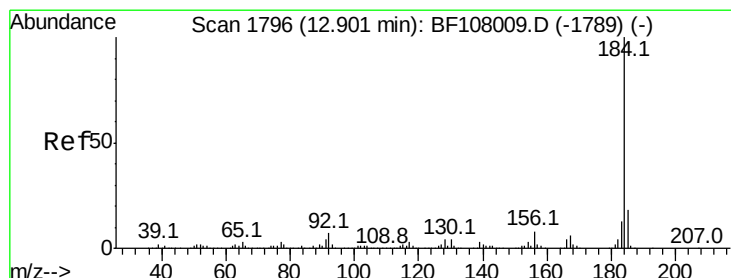
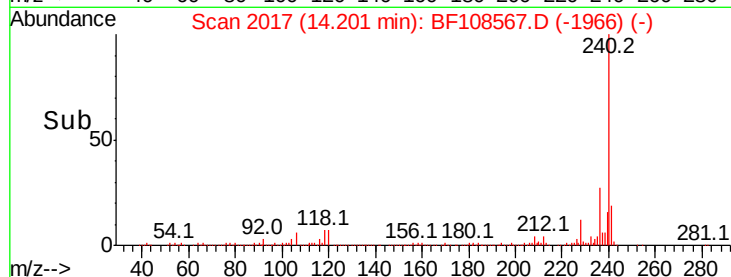
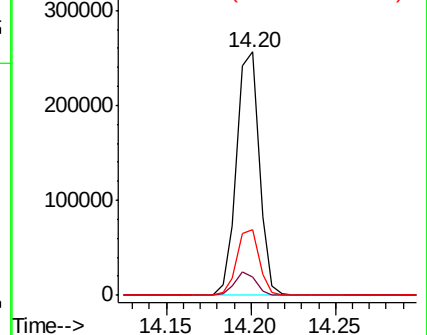
236 27.1 20.7 31.1



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: 21.033 ng

RT: 12.88 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

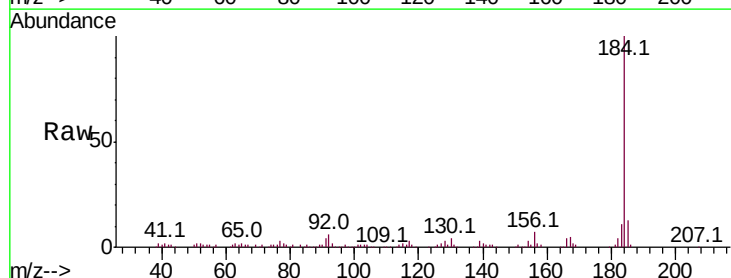
Tgt Ion:184 Resp: 187767

Ion Ratio Lower Upper

184 100

185 13.5 12.6 18.8

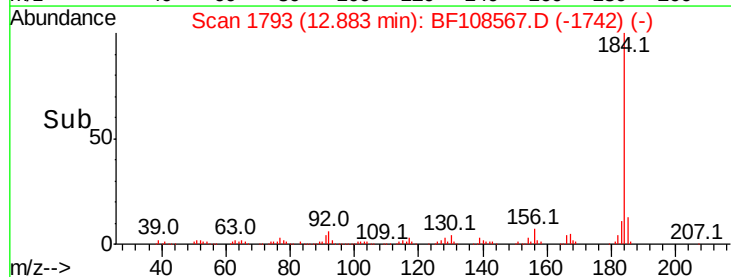
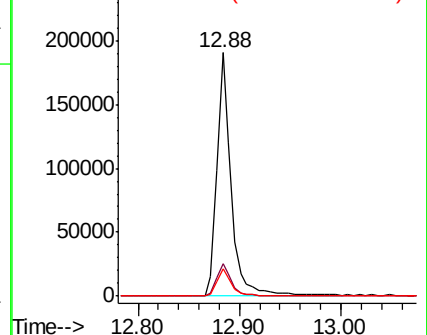
183 11.5 9.3 13.9

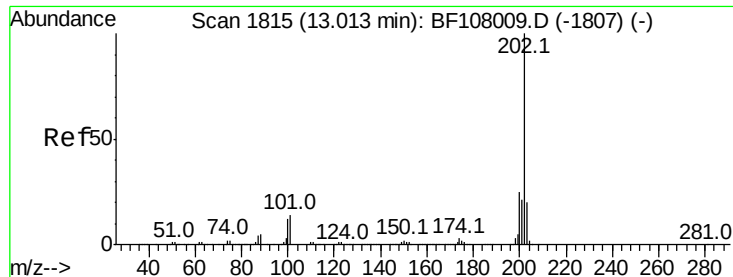


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.252 ng

RT: 13.00 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036MS

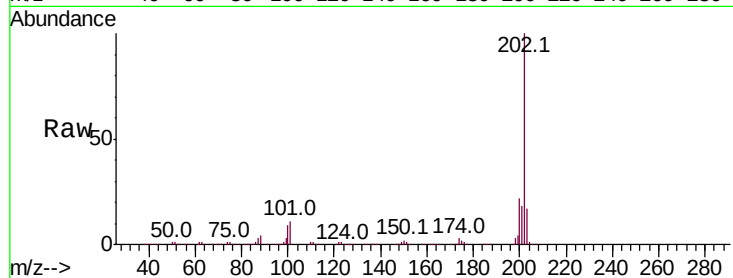
Tot Ion:202 Resp: 578661

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

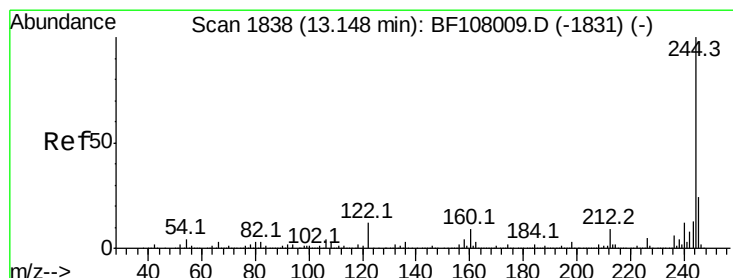
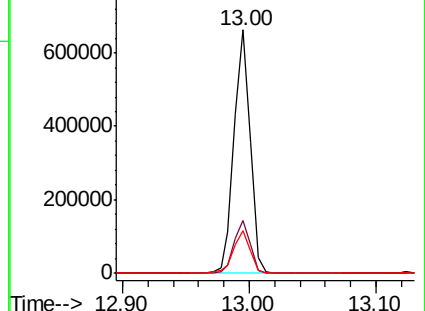
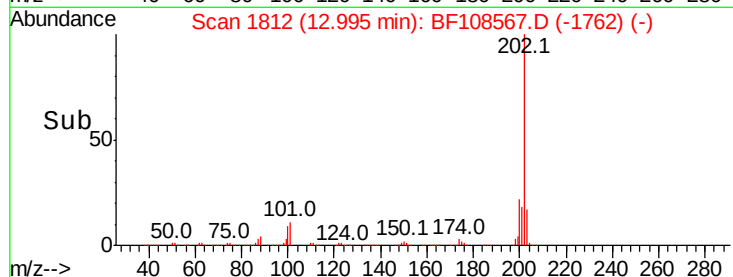
203 17.4 14.3 21.5



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: 83.356 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

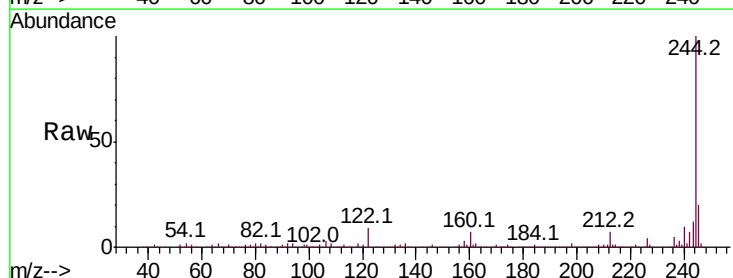
Tgt Ion:244 Resp: 783347

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

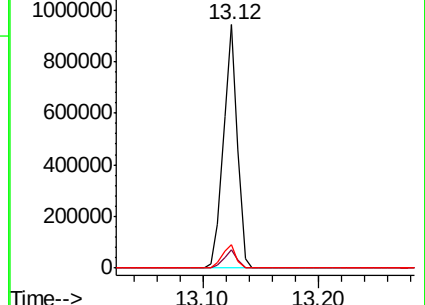
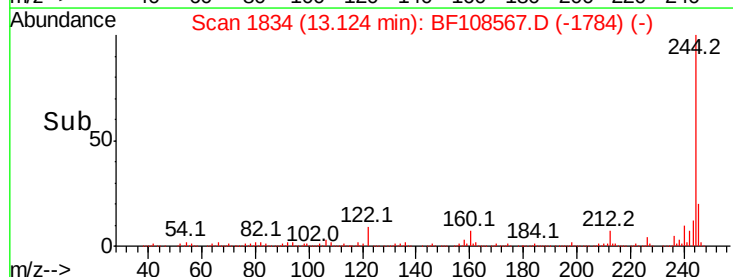
122 9.5 11.0 16.4#

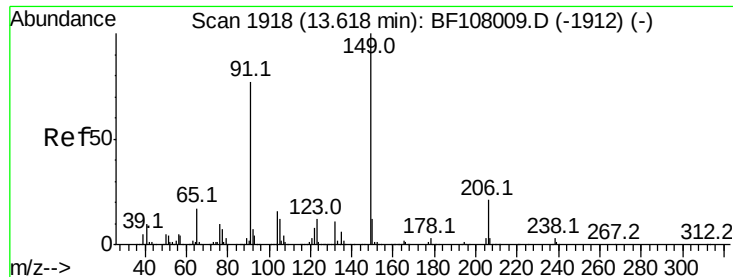


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.632 ng

RT: 13.60 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036MS

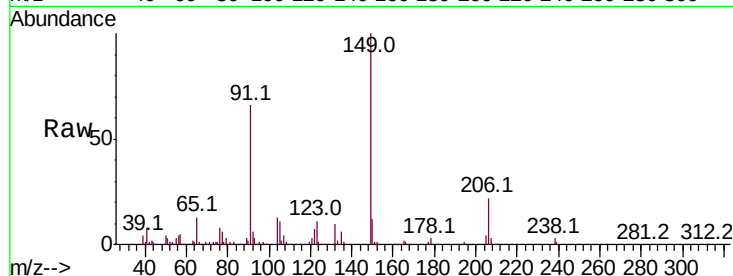
Tot Ion:149 Resp: 250081

Ion Ratio Lower Upper

149 100

91 65.9 56.8 85.2

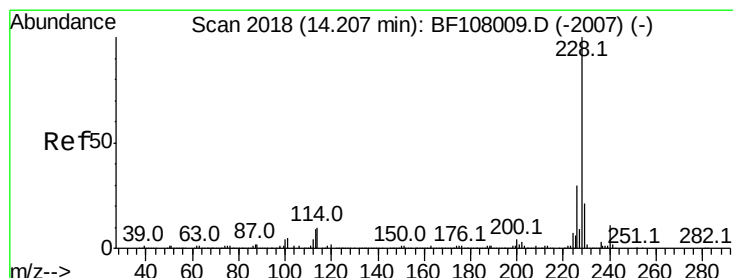
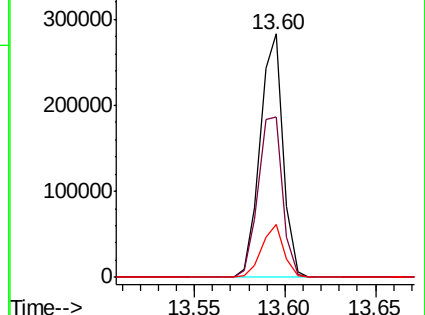
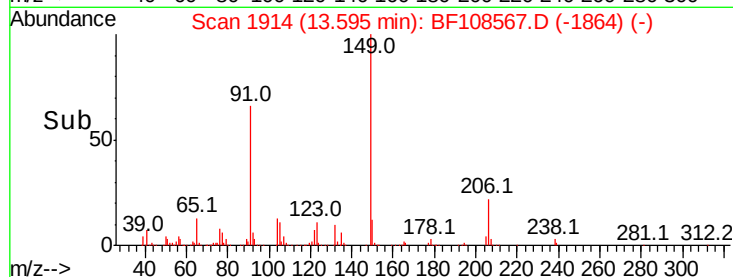
206 21.8 14.1 21.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.746 ng

RT: 14.19 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

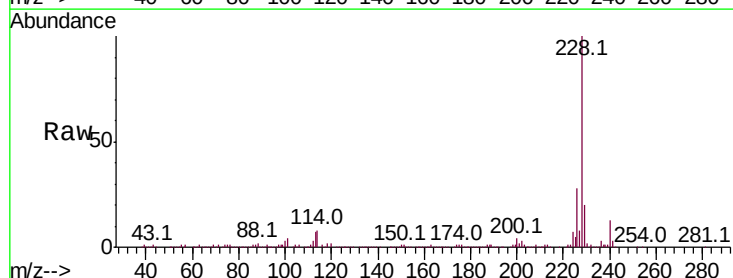
Tgt Ion:228 Resp: 558745

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

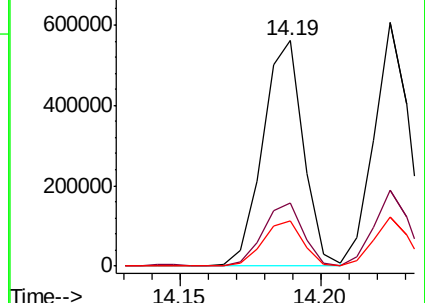
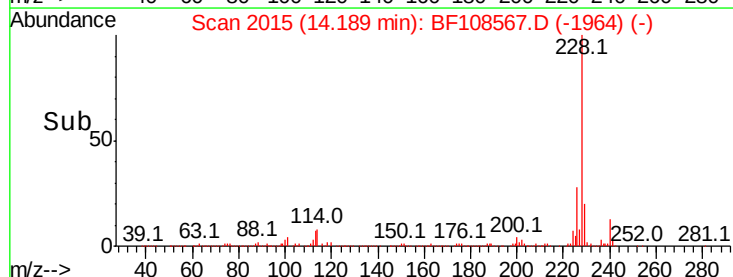
229 19.9 15.8 23.6

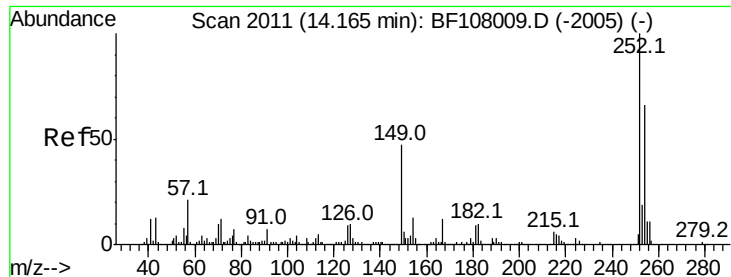


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

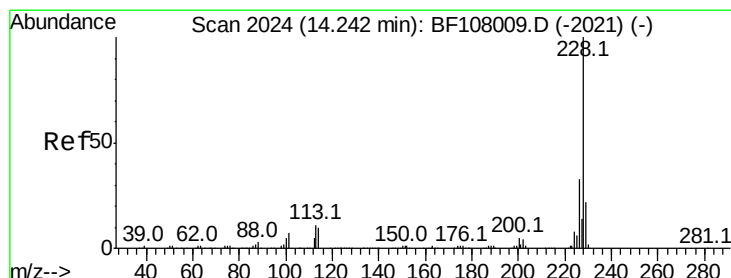
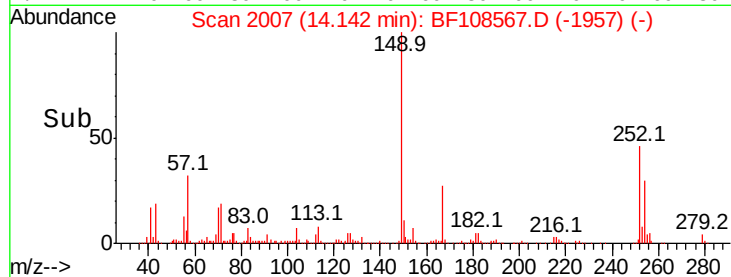
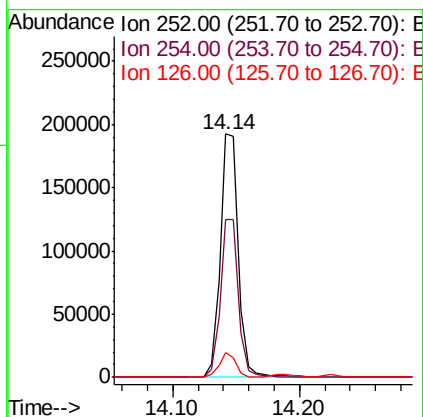
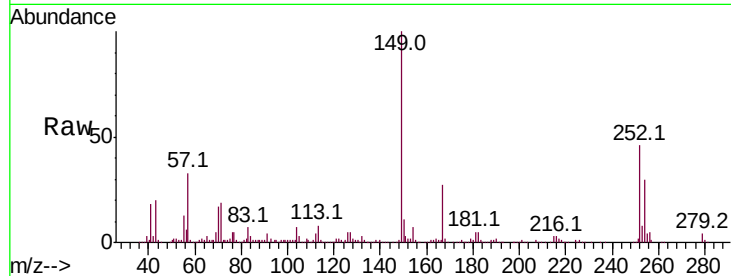




#81
 3,3'-Dichlorobenzidine
 Concen: 39.103 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108567.D
 Acq: 28 Aug 2018 20:34

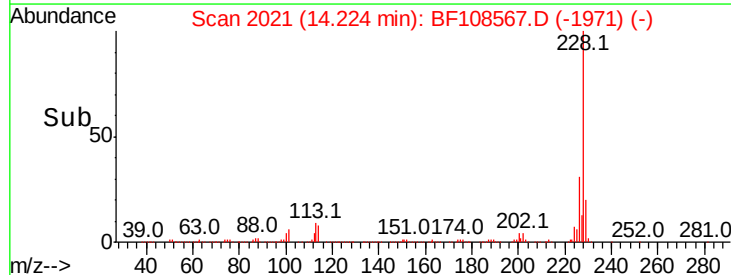
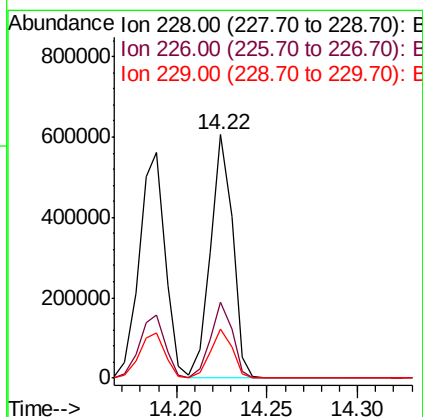
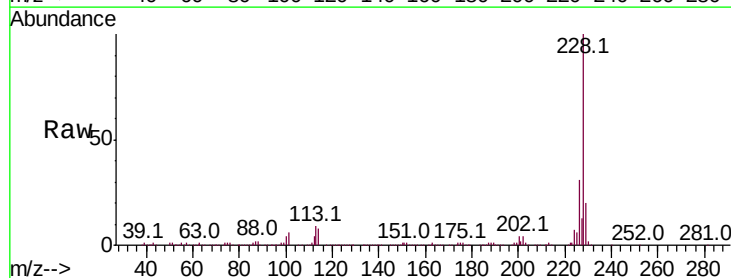
Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MS

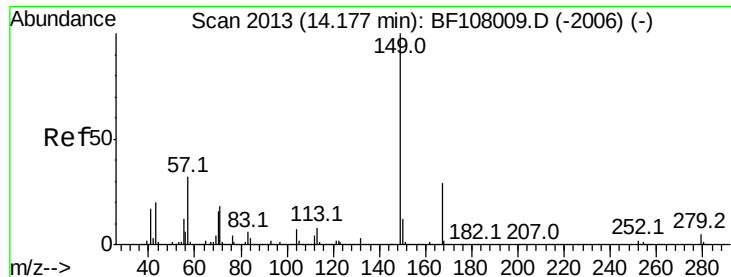
Tot Ion:252 Resp: 192166
 Ion Ratio Lower Upper
 252 100
 254 65.0 50.4 75.6
 126 10.2 11.3 16.9#



#82
 Chrysene
 Concen: 40.811 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108567.D
 Acq: 28 Aug 2018 20:34

Tgt Ion:228 Resp: 513074
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.0 37.6
 229 20.0 16.2 24.4

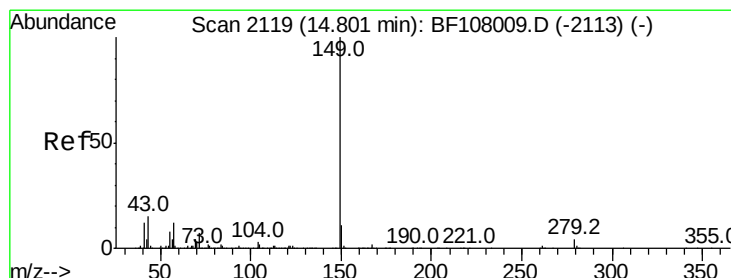
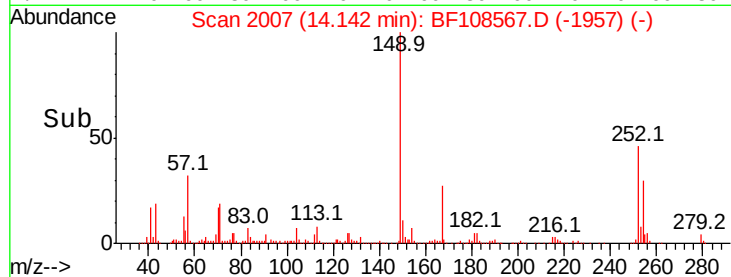
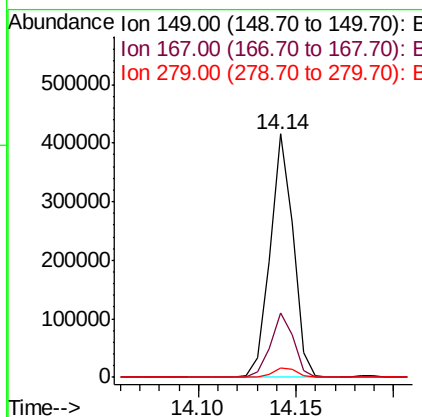
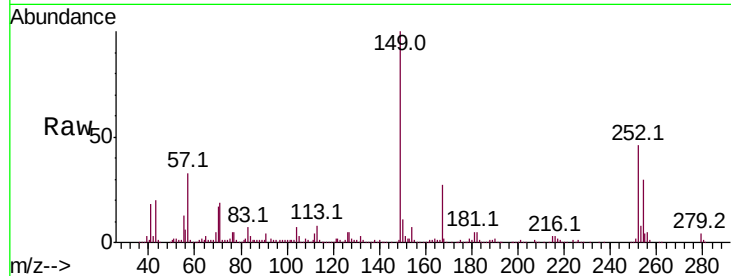




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.639 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108567.D
 Acq: 28 Aug 2018 20:34

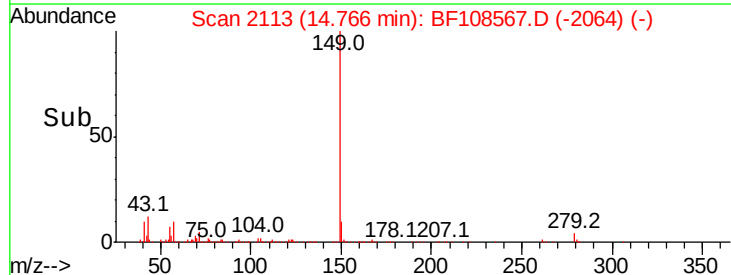
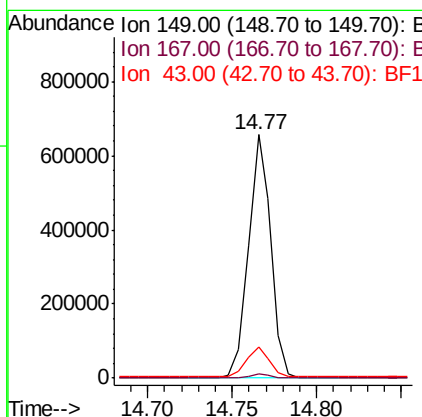
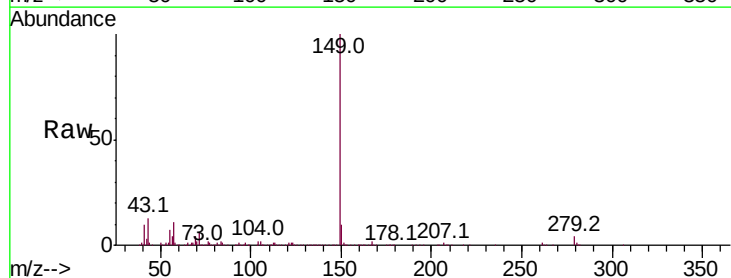
Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MS

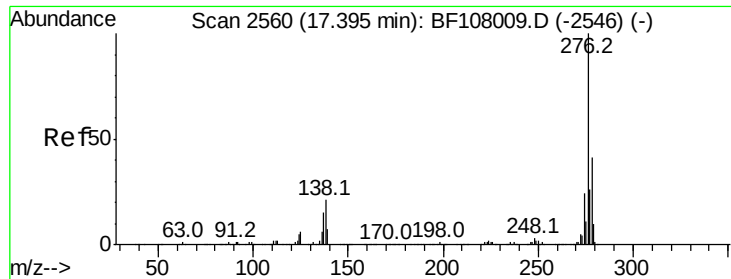
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	4.1	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 48.644 ng
 RT: 14.77 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BF108567.D
 Acq: 28 Aug 2018 20:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.8	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.663 ng

RT: 17.37 min Scan# 2556

Delta R.T. 0.00 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036MS

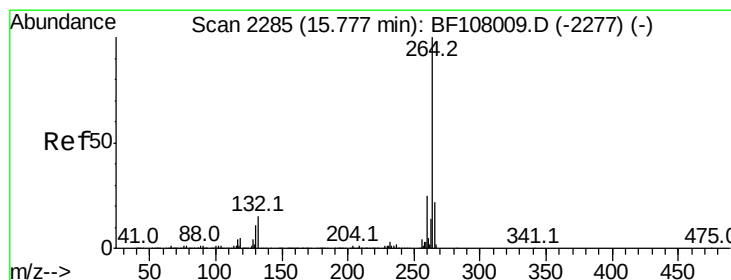
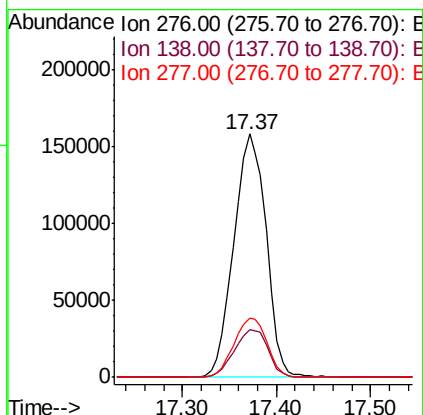
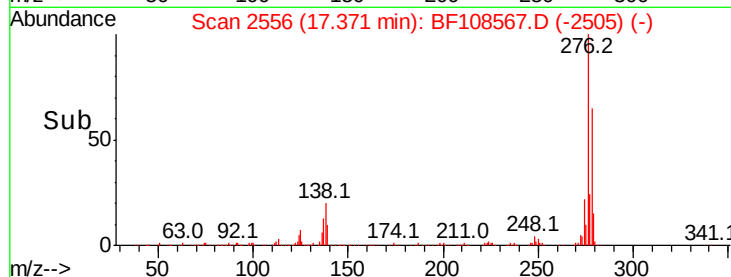
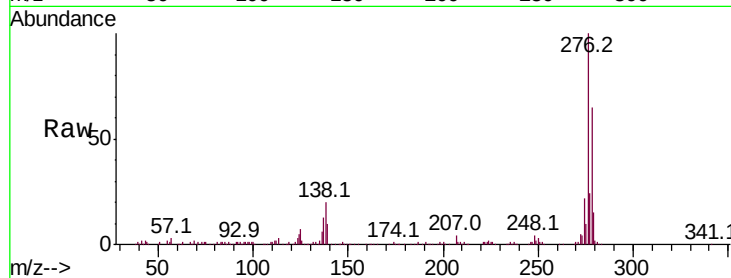
Tot Ion:276 Resp: 377580

Ion Ratio Lower Upper

276 100

138 20.5 25.0 37.6#

277 25.0 20.1 30.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

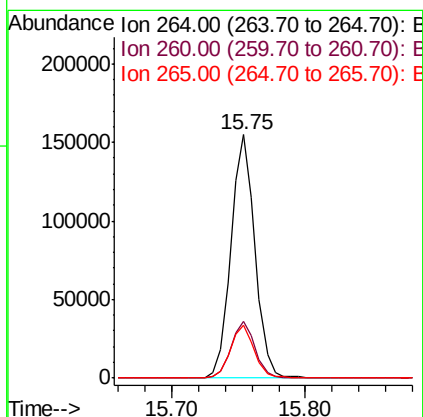
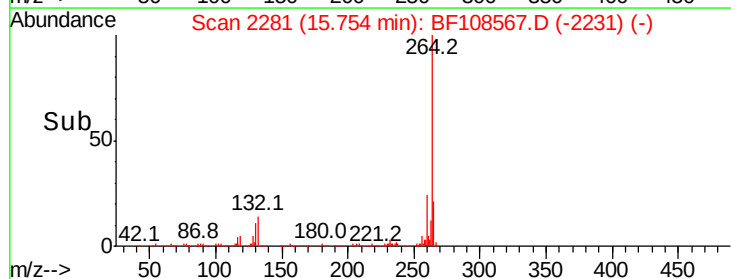
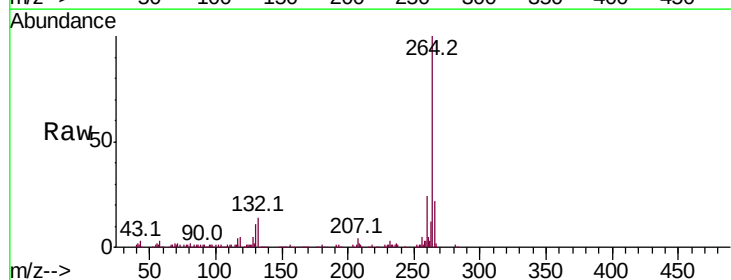
Tgt Ion:264 Resp: 194597

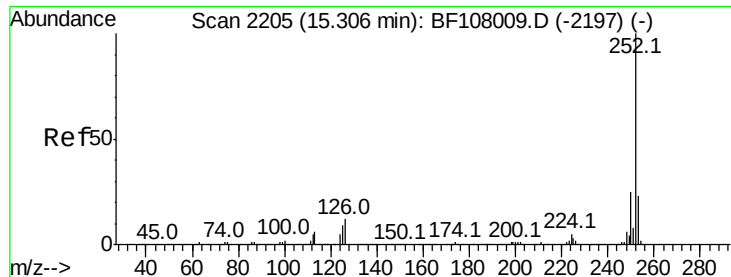
Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.6 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 41.030 ng

RT: 15.28 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036MS

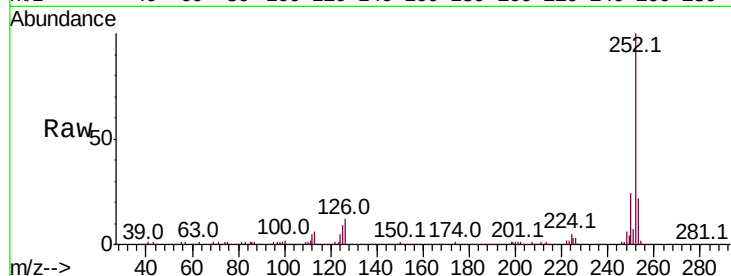
Tot Ion:252 Resp: 477099

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.6

125 8.7 9.0 13.6#

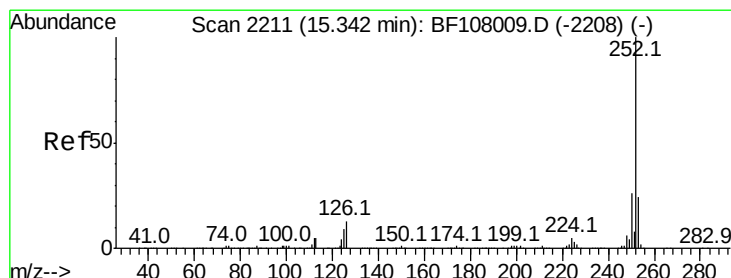
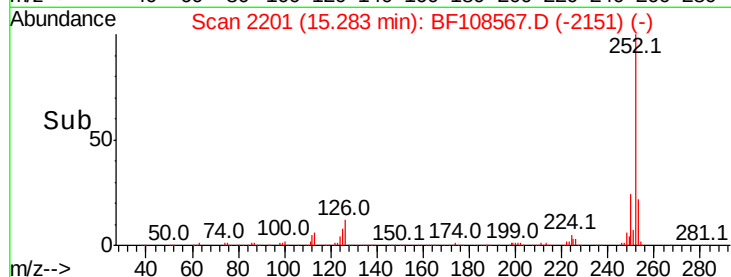
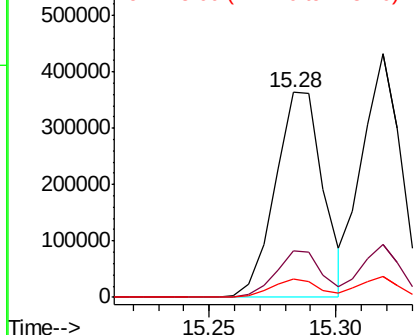


Abundance

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: 42.788 ng

RT: 15.32 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

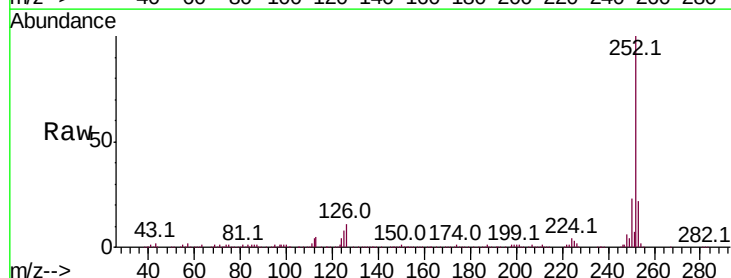
Tgt Ion:252 Resp: 457362

Ion Ratio Lower Upper

252 100

253 21.5 17.9 26.9

125 8.4 10.2 15.2#

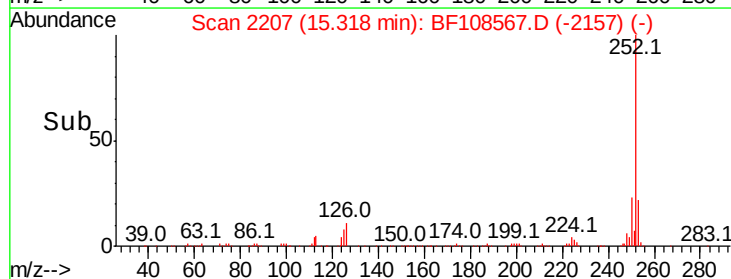
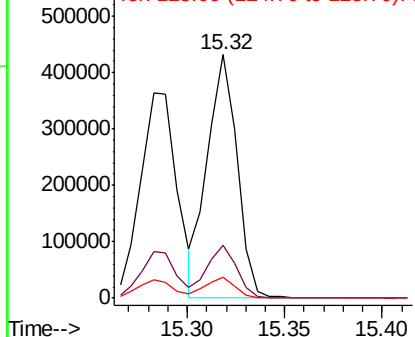


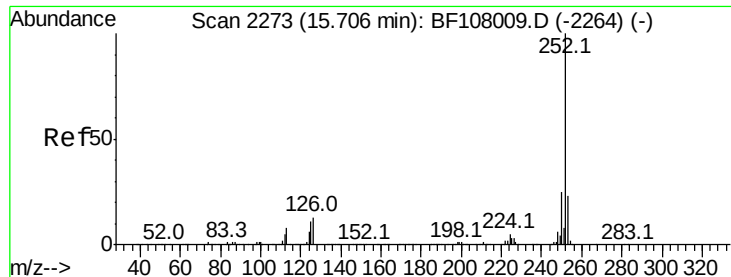
Abundance

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: 40.105 ng

RT: 15.69 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036MS

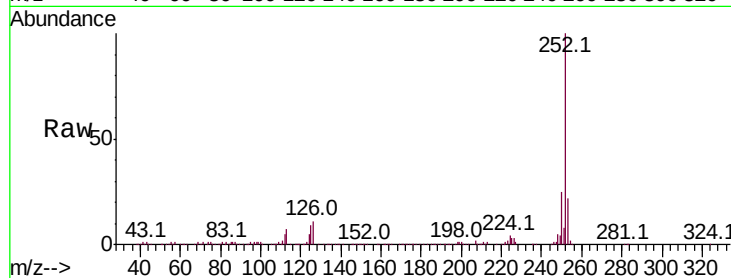
Tot Ion:252 Resp: 417592

Ion Ratio Lower Upper

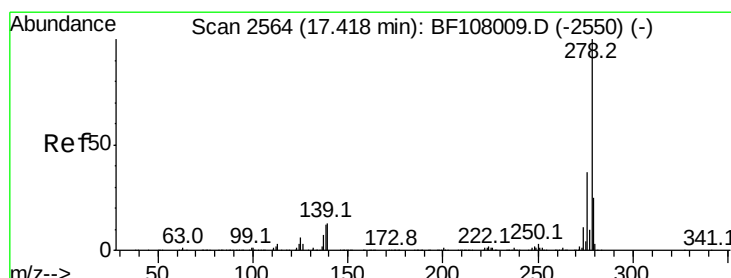
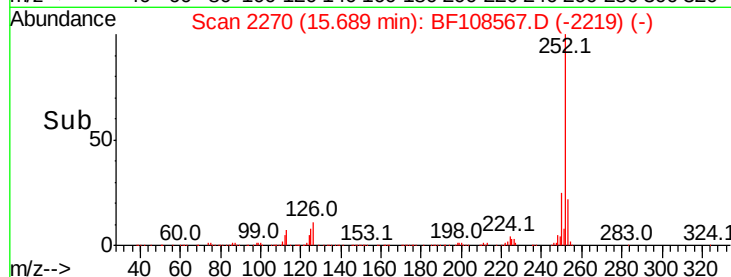
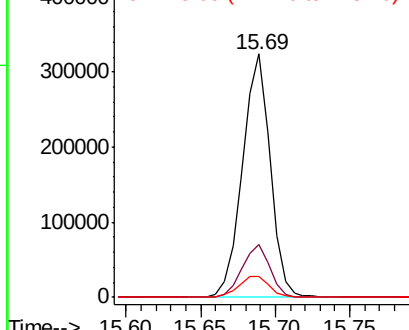
252 100

253 21.7 17.1 25.7

125 8.7 9.8 14.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 37.595 ng

RT: 17.38 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BF108567.D

Acq: 28 Aug 2018 20:34

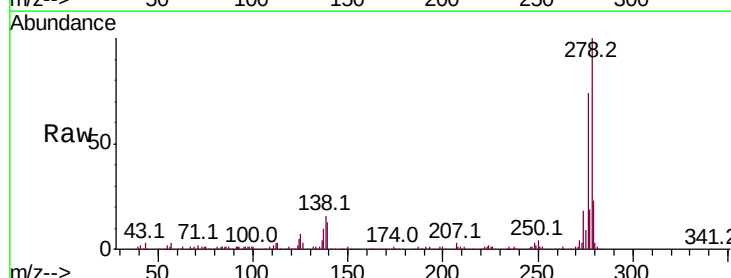
Tgt Ion:278 Resp: 323896

Ion Ratio Lower Upper

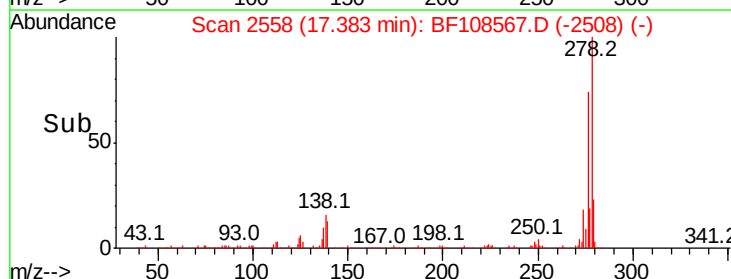
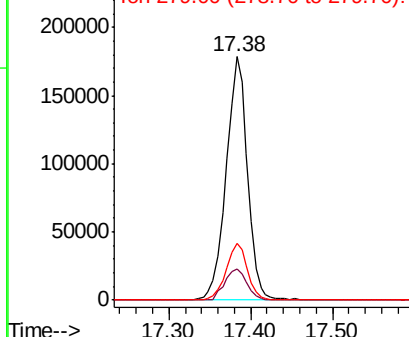
278 100

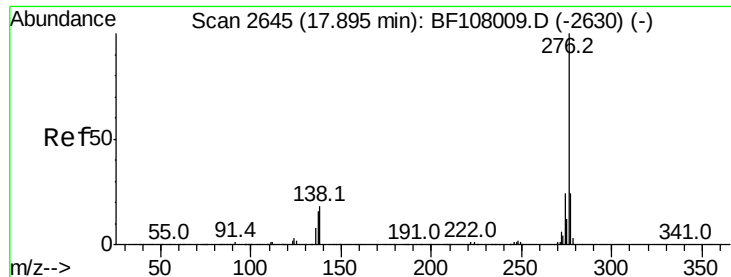
139 12.8 15.9 23.9#

279 23.2 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 34.910 ng
 RT: 17.87 min Scan# 2641
 Delta R.T. 0.01 min
 Lab File: BF108567.D
 Acq: 28 Aug 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	17.3	21.8	32.8

