

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108655.D
 Acq On : 30 Aug 2018 22:06
 Operator : JU/SJ
 Sample : J4699-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 01:12:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	79761	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	300365	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	133255	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	255543	20.00	ng	0.00
75) Chrysene-d12	14.19	240	266100	20.00	ng	0.00
86) Perylene-d12	15.75	264	220103	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	270458	58.91	ng	0.00
7) Phenol-d6	6.64	99	452252	68.77	ng	0.00
23) Nitrobenzene-d5	7.57	82	322054	54.42	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	121037	68.81	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	559631	56.47	ng	0.00
78) Terphenyl-d14	13.12	244	639389	46.69	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.90	88	51790	24.272	ng	# 76
3) Pyridine	3.71	79	124938	25.343	ng	# 86
4) n-Nitrosodimethylamine	3.68	42	57000	23.178	ng	# 80
6) Aniline	6.70	93	172428	24.299	ng	# 83
8) 2-Chlorophenol	6.80	128	176300	31.405	ng	# 94
9) Benzaldehyde	6.58	77	91301	22.463	ng	# 95
10) Phenol	6.65	94	227319	29.644	ng	# 81
11) bis(2-Chloroethyl)ether	6.73	93	204739	30.321	ng	# 97
12) 1,3-Dichlorobenzene	6.94	146	189049	29.044	ng	# 99
13) 1,4-Dichlorobenzene	7.02	146	214186	30.146	ng	# 99
14) 1,2-Dichlorobenzene	7.17	146	191542	29.353	ng	# 97
15) Benzyl Alcohol	7.16	79	69057	14.599	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	7.27	45	310383	29.963	ng	# 68
17) 2-Methylphenol	7.26	107	129517	29.674	ng	# 67
18) Hexachloroethane	7.50	117	67478	27.616	ng	# 96
19) n-Nitroso-di-n-propylamine	7.40	70	124744	28.327	ng	# 88
20) 3+4-Methylphenols	7.42	107	148420	27.140	ng	# 31
22) Acetophenone	7.41	105	260681	34.765	ng	# 90
24) Nitrobenzene	7.58	77	181780	30.296	ng	# 92
25) Isophorone	7.81	82	329041	33.473	ng	# 97
26) 2-Nitrophenol	7.90	139	77709	28.609	ng	# 87
27) 2,4-Dimethylphenol	7.93	122	138240	34.994	ng	# 95
28) bis(2-Chloroethoxy)methane	8.02	93	204528	32.937	ng	# 99
29) 2,4-Dichlorophenol	8.15	162	145319	31.007	ng	# 98
30) 1,2,4-Trichlorobenzene	8.22	180	162070	30.925	ng	# 97
31) Naphthalene	8.31	128	516106	36.075	ng	# 99
32) Benzoic acid	7.93	122	138240	54.568	ng	# 17
33) 4-Chloroaniline	8.37	127	152081	24.081	ng	# 98
34) Hexachlorobutadiene	8.41	225	101468	29.487	ng	# 98
35) Caprolactam	8.71	113	33568	26.880	ng	# 84
36) 4-Chloro-3-methylphenol	8.84	107	143389	28.507	ng	# 99
37) 2-Methylnaphthalene	9.00	142	320693	33.131	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	163533	34.568	ng	# 97
40) Hexachlorocyclopentadiene	9.14	237	29298	20.463	ng	# 94

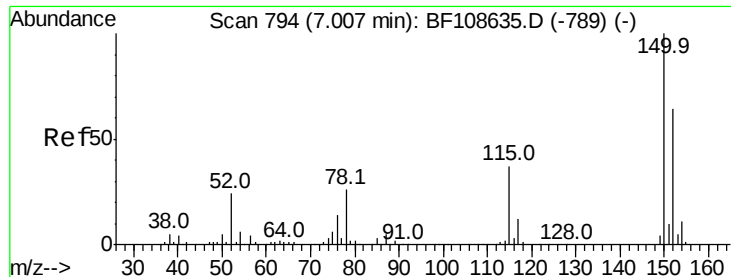
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	89627	31.993	nq	99
43) 2,4,5-Trichlorophenol	9.33	196	116189	35.566	nq	96
45) 1,1'-Biphenyl	9.46	154	391128	33.716	nq	97
46) 2-Chloronaphthalene	9.49	162	299579	32.987	nq	98
47) 2-Nitroaniline	9.60	65	95092	31.306	nq	86
48) Acenaphthylene	9.91	152	466945	35.119	nq	99
49) Dimethylphthalate	9.75	163	420877	40.109	nq #	98
50) 2,6-Dinitrotoluene	9.82	165	72473	31.333	nq #	88
51) Acenaphthene	10.08	154	269411	33.889	nq	99
52) 3-Nitroaniline	10.01	138	63271	25.287	nq	91
53) 2,4-Dinitrophenol	10.14	184	11940	15.181	nq #	43
54) Dibenzofuran	10.25	168	393861	31.662	nq	95
55) 4-Nitrophenol	10.20	139	60130	40.187	nq #	85
56) 2,4-Dinitrotoluene	10.24	165	90495	29.549	nq #	92
57) Fluorene	10.60	166	314978	32.673	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	95599	32.665	nq #	83
59) Diethylphthalate	10.45	149	333313	31.528	nq	97
60) 4-Chlorophenyl-phenylether	10.58	204	159508	29.158	nq	94
61) 4-Nitroaniline	10.64	138	58152	24.017	nq	94
62) Azobenzene	10.74	77	310775	29.575	nq	92
64) 4,6-Dinitro-2-methylphenol	10.65	198	12208	10.766	nq #	80
65) n-Nitrosodiphenylamine	10.70	169	284624	33.524	nq	97
66) 4-Bromophenyl-phenylether	11.07	248	97643	31.090	nq #	90
67) Hexachlorobenzene	11.14	284	105073	31.053	nq #	87
68) Atrazine	11.22	200	90020	35.144	nq	95
69) Pentachlorophenol	11.34	266	96799	53.838	nq	97
70) Phenanthrene	11.57	178	443830	34.409	nq	98
71) Anthracene	11.62	178	489405	36.111	nq	100
72) Carbazole	11.78	167	438704	33.477	nq	98
73) Di-n-butylphthalate	12.08	149	500234	33.178	nq	99
74) Fluoranthene	12.76	202	552667	38.066	nq	94
76) Benzidine	12.89	184	337334	45.036	nq	98
77) Pyrene	12.99	202	556791	27.835	nq	99
79) Butylbenzylphthalate	13.59	149	233347	27.742	nq #	96
80) Benzo(a)anthracene	14.18	228	544156	33.544	nq	99
81) 3,3'-Dichlorobenzidine	14.14	252	202633	34.444	nq #	98
82) Chrysene	14.22	228	513486	32.915	nq	98
83) Bis(2-ethylhexyl)phthalate	14.14	149	329686	30.494	nq #	100
84) Di-n-octyl phthalate	14.76	149	584558	36.774	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	353493	32.588	nq #	89
87) Benzo(b)fluoranthene	15.28	252	498387	36.861	nq #	96
88) Benzo(k)fluoranthene	15.31	252	455945	34.041	nq #	96
89) Benzo(a)pyrene	15.68	252	426095	34.872	nq #	97
90) Dibenzo(a,h)anthracene	17.38	278	303569	31.107	nq #	93
91) Benzo(g,h,i)perylene	17.87	276	276116	29.112	nq #	88

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

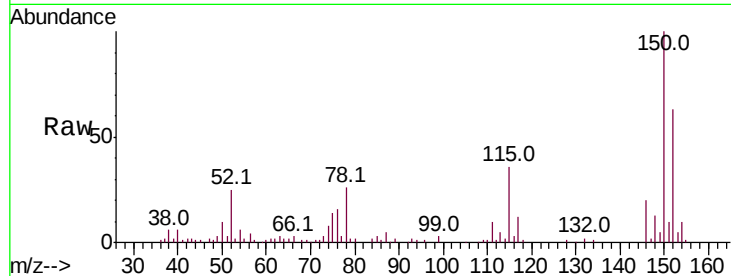


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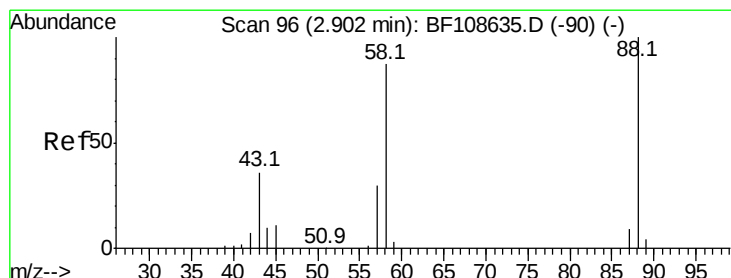
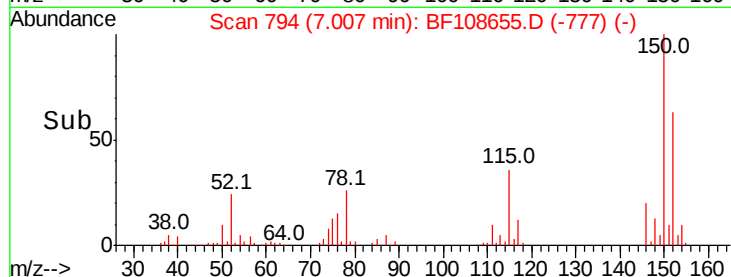
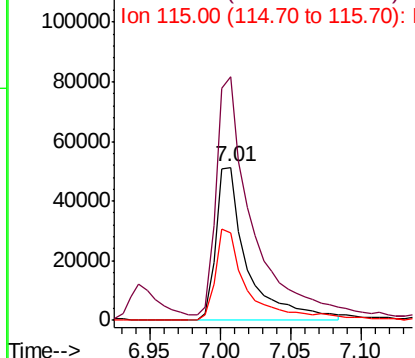
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 79761
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 57.6 50.1 75.1



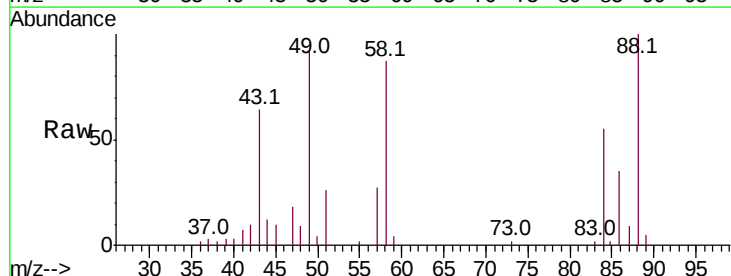
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



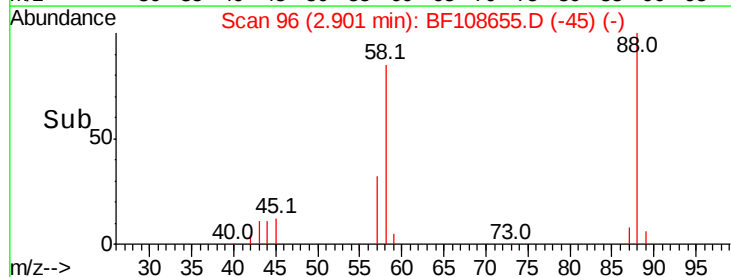
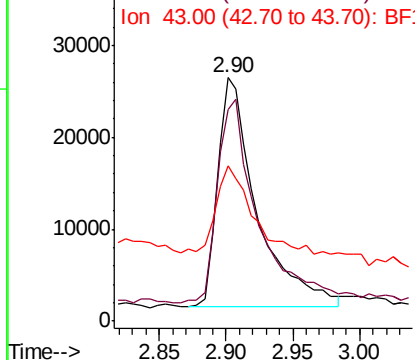
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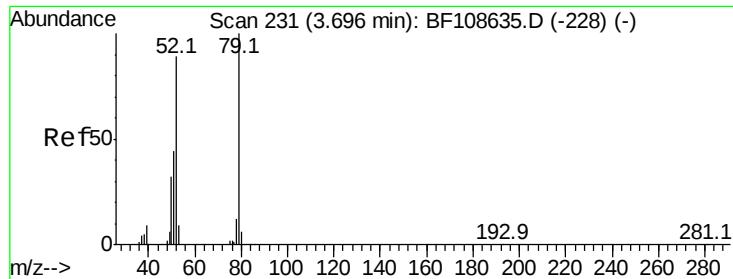
1,4-Dioxane
Concen: 24.272 ng
RT: 2.90 min Scan# 96
Delta R.T. -0.00 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

Tgt Ion: 88 Resp: 51790
Ion Ratio Lower Upper
88 100
58 93.2 62.6 93.8
43 54.1 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: 25.343 ng

RT: 3.71 min Scan# 234

Delta R.T. 0.02 min

Lab File: BF108655.D

Acq: 30 Aug 2018 22:06

Instrument :

BNA_F

ClientSampleId :

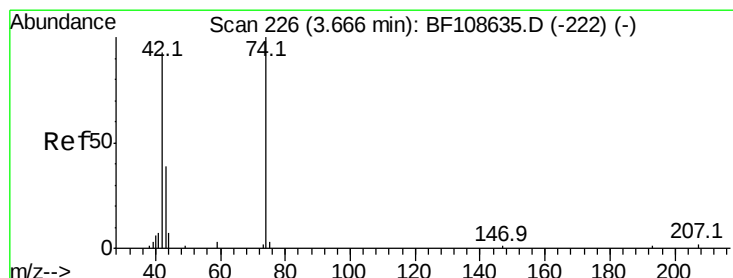
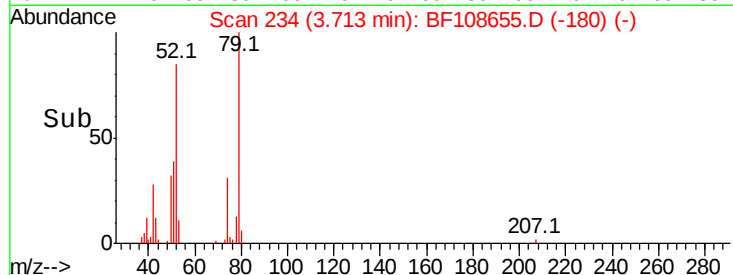
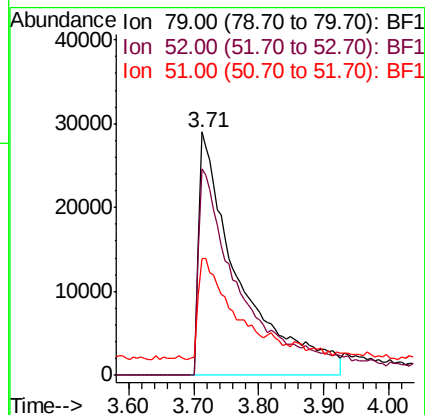
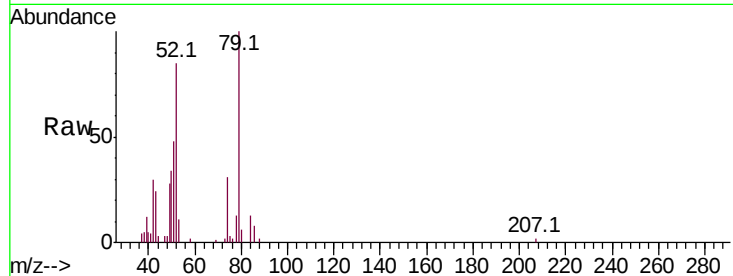
Tot Ion: 79 Resp: 124938

Ion Ratio Lower Upper

79 100

52 84.8 59.8 89.6

51 47.9 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 23.178 ng

RT: 3.68 min Scan# 229

Delta R.T. 0.02 min

Lab File: BF108655.D

Acq: 30 Aug 2018 22:06

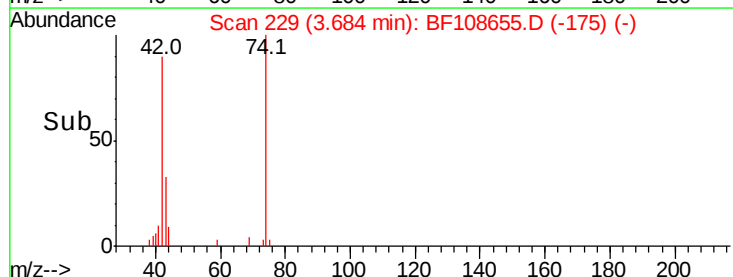
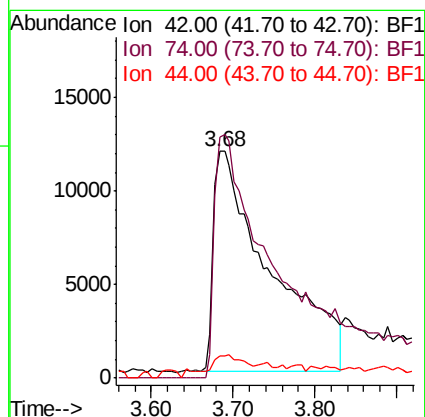
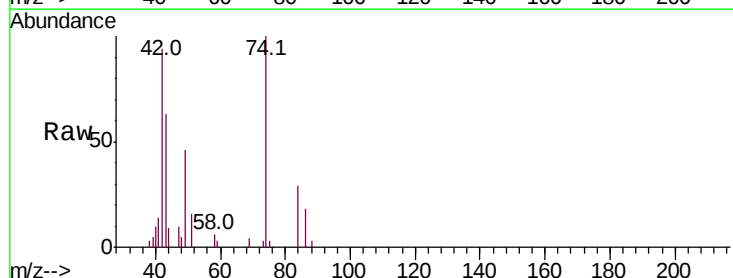
Tgt Ion: 42 Resp: 57000

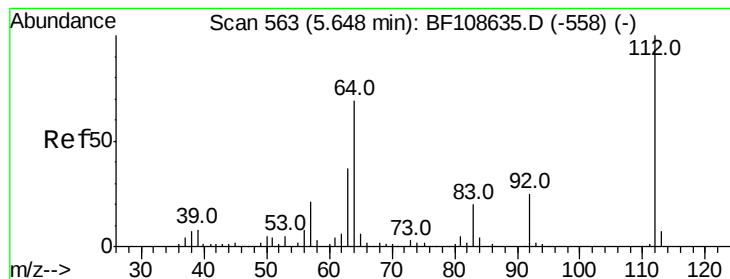
Ion Ratio Lower Upper

42 100

74 106.2 104.9 157.3

44 9.8 6.9 10.3





#5

2-Fluorophenol

Concen: 58.906 ng

RT: 5.65 min Scan# 564

Delta R.T. 0.01 min

Lab File: BF108655.D

Acq: 30 Aug 2018 22:06

Instrument :

BNA_F

ClientSampled :

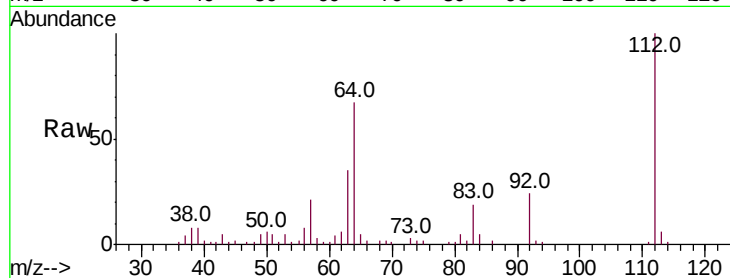
Tot Ion:112 Resp: 270458

Ion Ratio Lower Upper

112 100

64 67.1 47.9 71.9

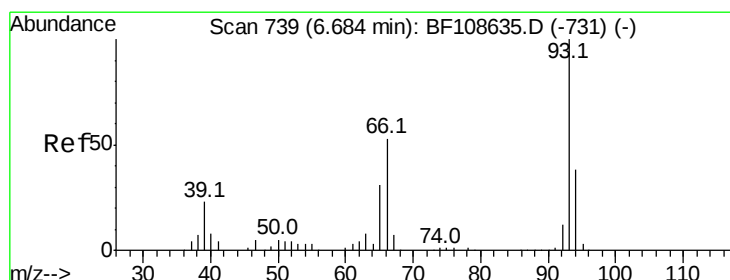
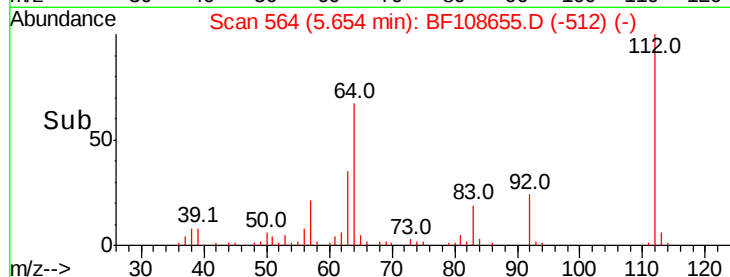
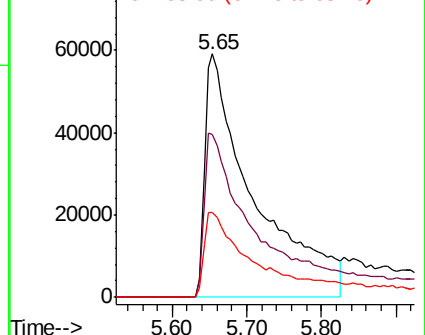
63 35.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.299 ng

RT: 6.70 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF108655.D

Acq: 30 Aug 2018 22:06

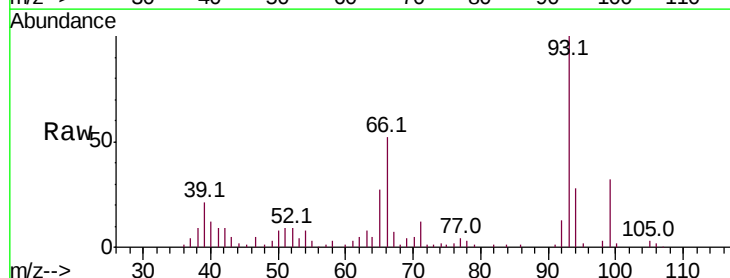
Tgt Ion: 93 Resp: 172428

Ion Ratio Lower Upper

93 100

66 51.8 32.2 48.2#

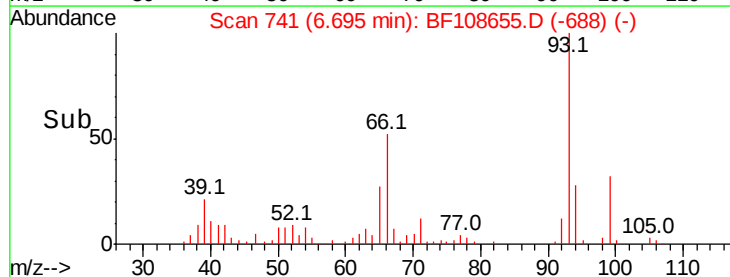
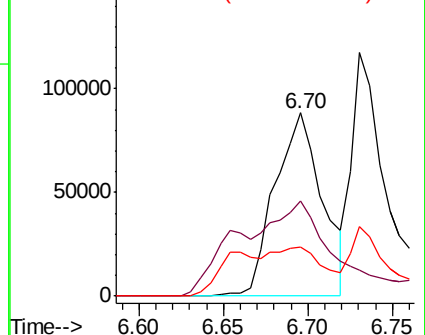
65 27.0 16.4 24.6#

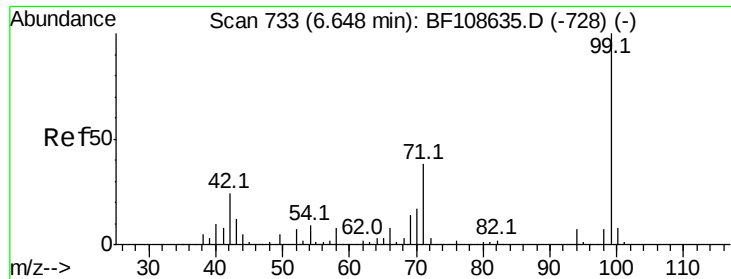


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 68.773 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF108655.D

Acq: 30 Aug 2018 22:06

Instrument :

BNA_F

ClientSampled :

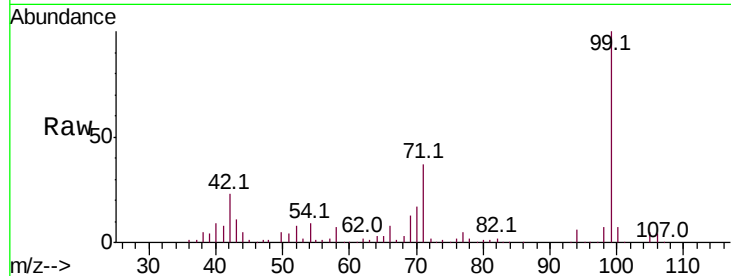
Tot Ion: 99 Resp: 452252

Ion Ratio Lower Upper

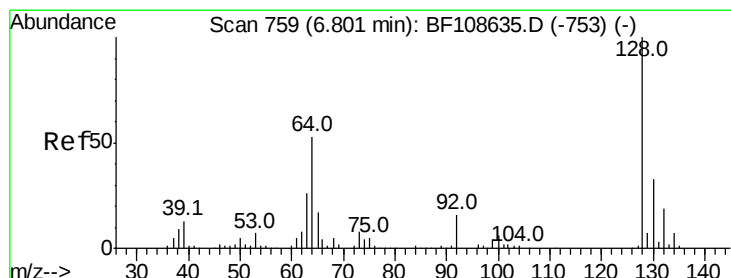
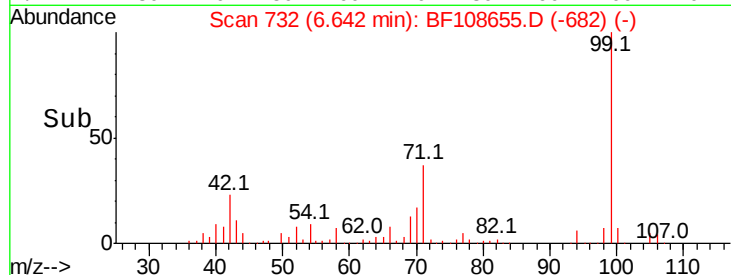
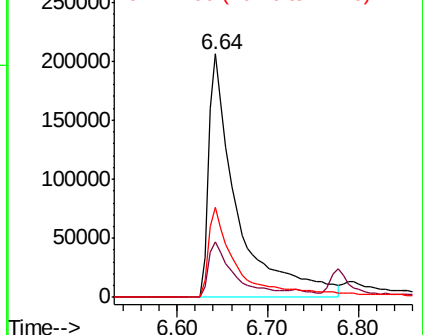
99 100

42 22.9 14.5 21.7#

71 36.8 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: 31.405 ng

RT: 6.80 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF108655.D

Acq: 30 Aug 2018 22:06

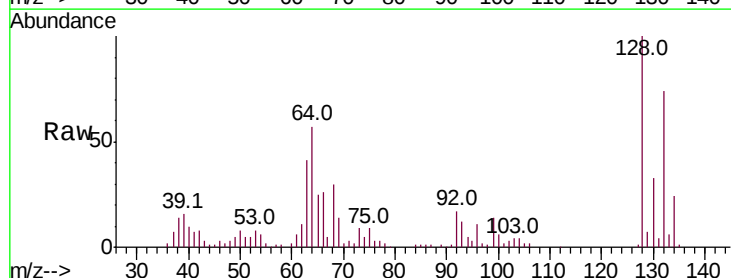
Tgt Ion:128 Resp: 176300

Ion Ratio Lower Upper

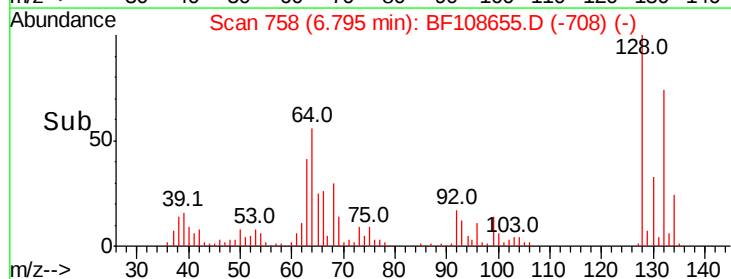
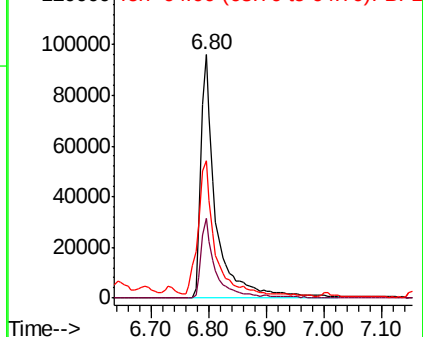
128 100

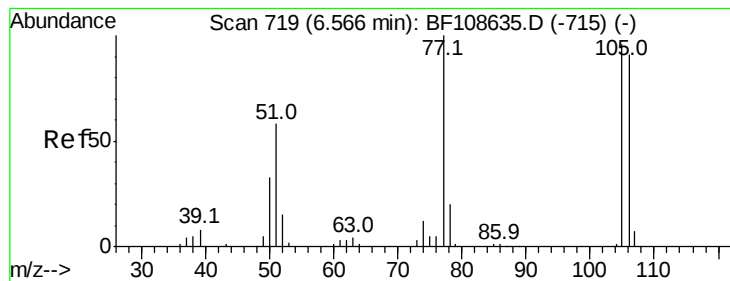
130 32.9 13.0 53.0

64 56.7 29.4 69.4



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





#9

Benzaldehyde

Concen: 22.463 ng

RT: 6.58 min Scan# 722

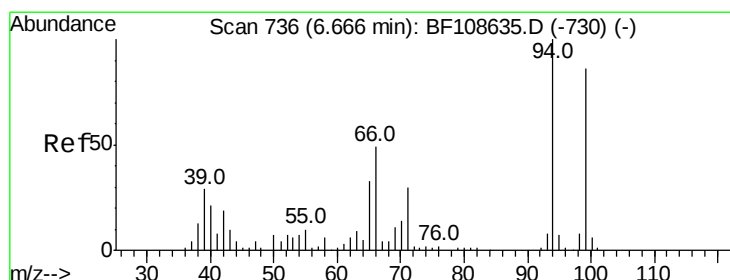
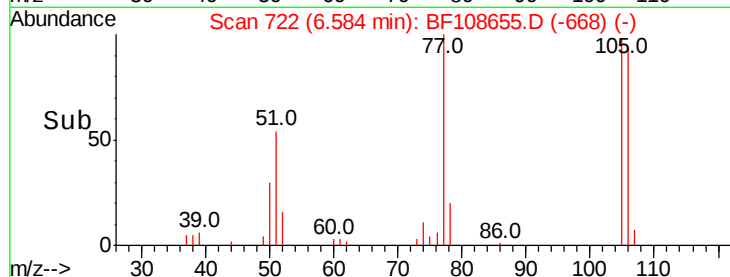
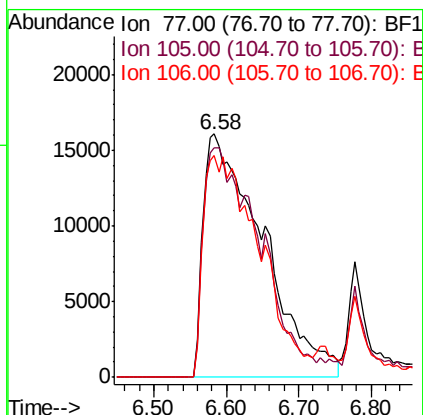
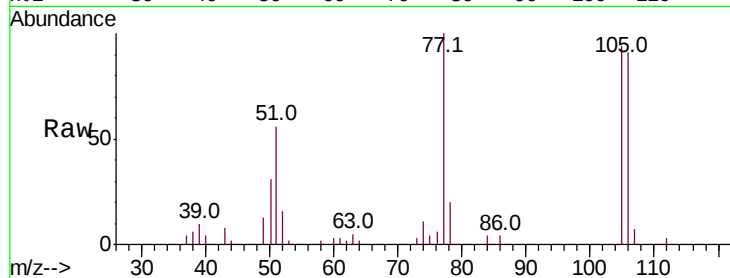
Delta R.T. 0.02 min

Lab File: BF108655.D

Acq: 30 Aug 2018 22:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:	77	Resp:	91301
Ion	Ratio	Lower	Upper
77	100		
105	94.3	81.1	121.1
106	90.9	74.5	114.5



#10

Phenol

Concen: 29.644 ng

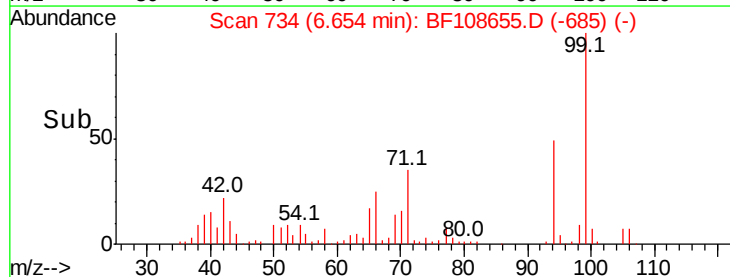
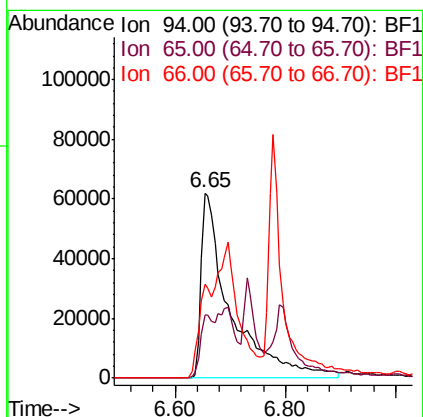
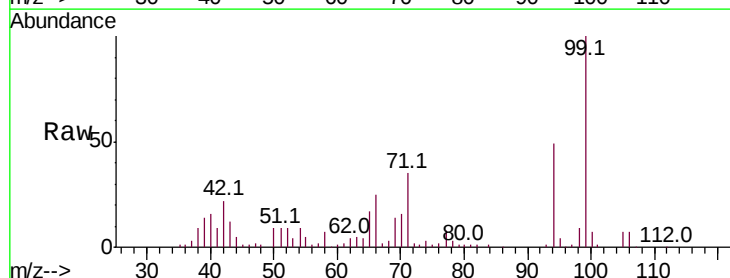
RT: 6.65 min Scan# 734

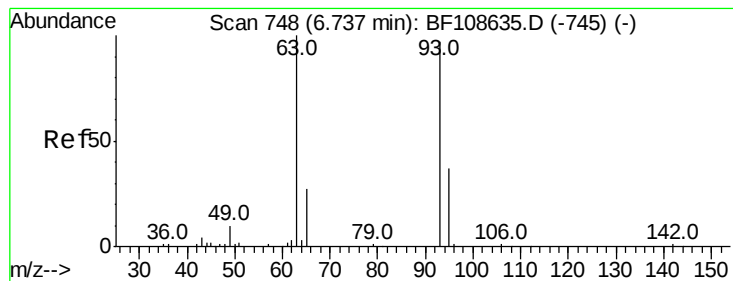
Delta R.T. -0.01 min

Lab File: BF108655.D

Acq: 30 Aug 2018 22:06

Tgt Ion:	94	Resp:	227319
Ion	Ratio	Lower	Upper
94	100		
65	34.3	7.9	47.9
66	50.8	16.2	56.2



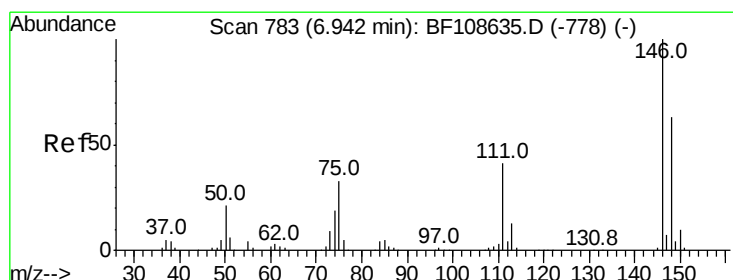
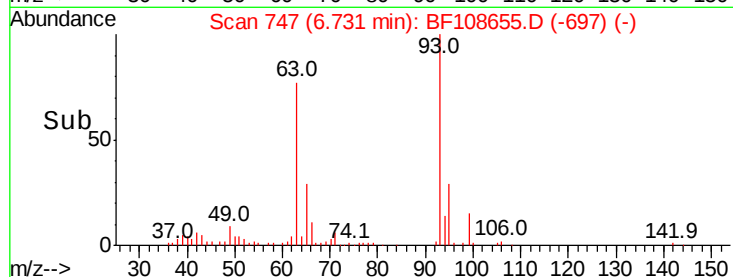
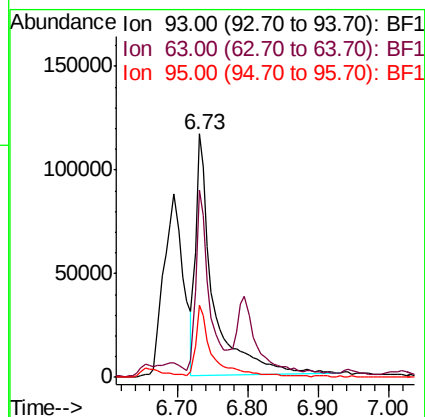
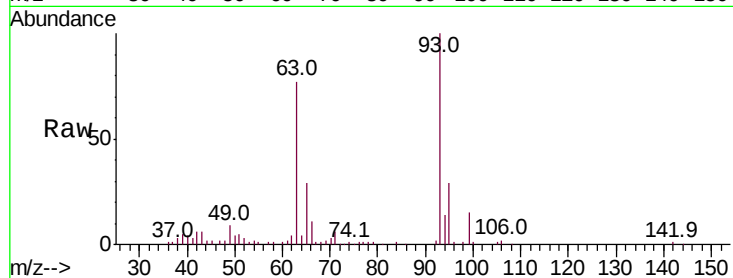


#11
 bis(2-Chloroethyl)ether
 Concen: 30.321 ng
 RT: 6.73 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF108655.D
 Acq: 30 Aug 2018 22:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 204739

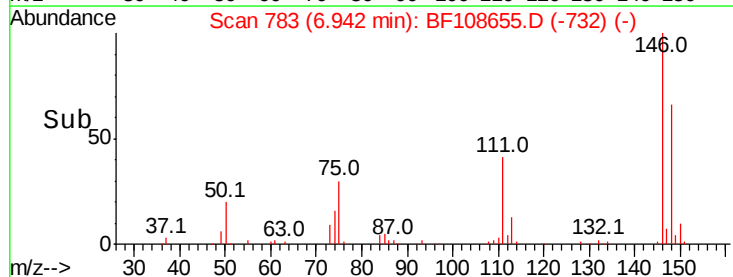
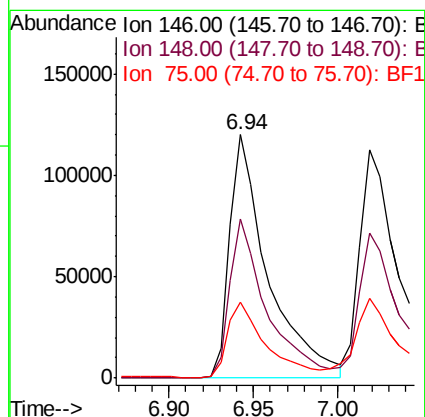
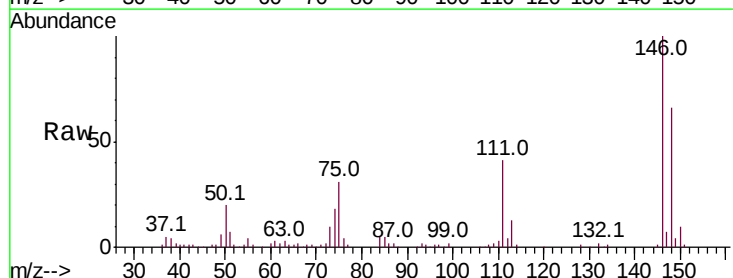
Ion	Ratio	Lower	Upper
93	100		
63	77.0	58.6	98.6
95	29.4	11.8	51.8

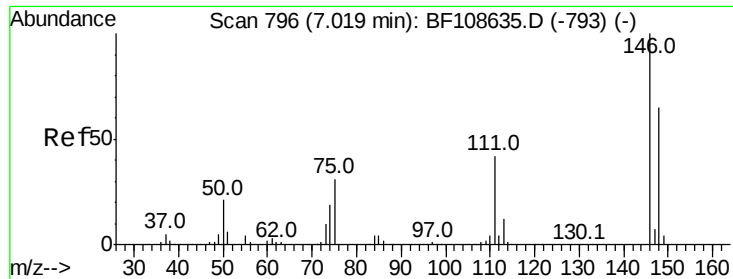


#12
 1,3-Dichlorobenzene
 Concen: 29.044 ng
 RT: 6.94 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF108655.D
 Acq: 30 Aug 2018 22:06

Tgt Ion: 146 Resp: 189049

Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.8	77.8
75	31.0	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 30.146 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF108655.D

Acq: 30 Aug 2018 22:06

Instrument :

BNA_F

ClientSampled :

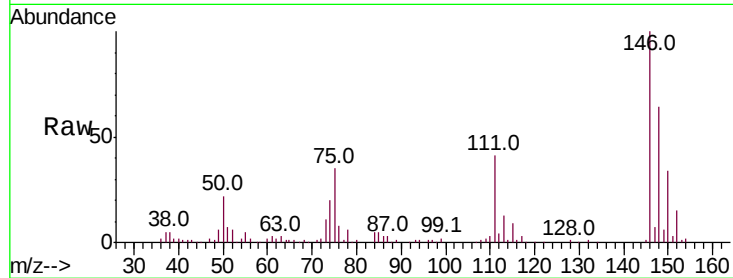
Tot Ion:146 Resp: 214186

Ion Ratio Lower Upper

146 100

148 63.6 50.8 76.2

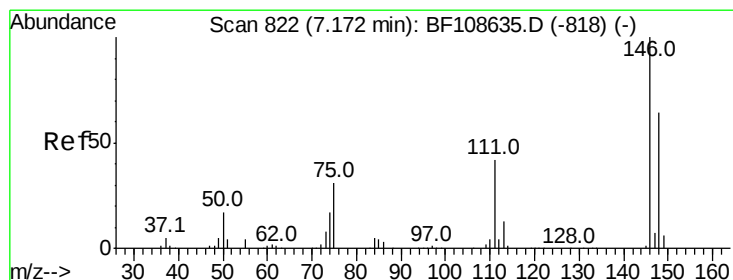
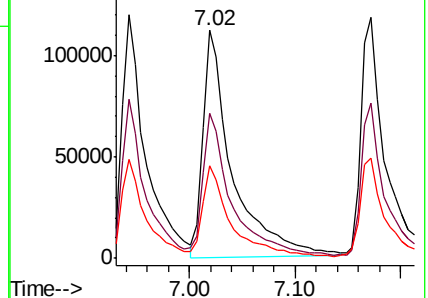
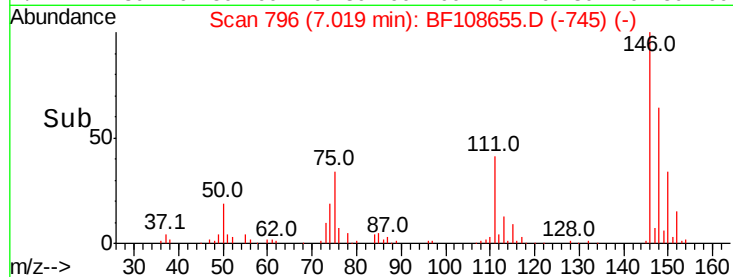
111 40.7 34.2 51.2



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: 29.353 ng

RT: 7.17 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF108655.D

Acq: 30 Aug 2018 22:06

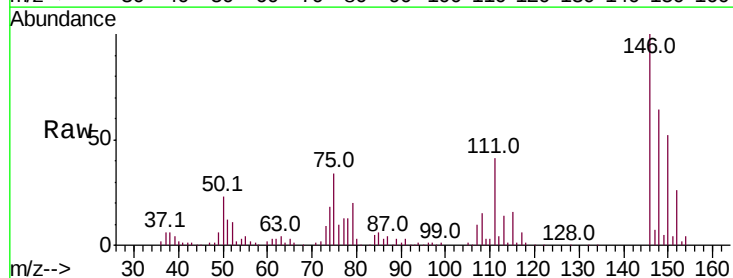
Tgt Ion:146 Resp: 191542

Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

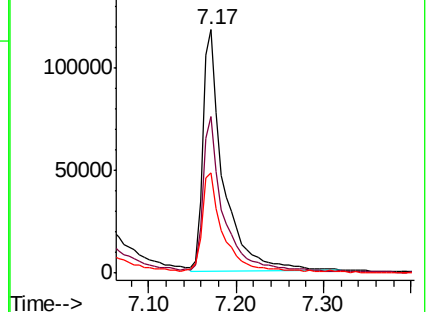
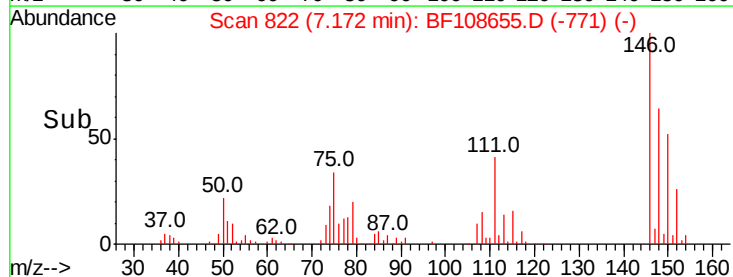
111 41.4 36.0 54.0

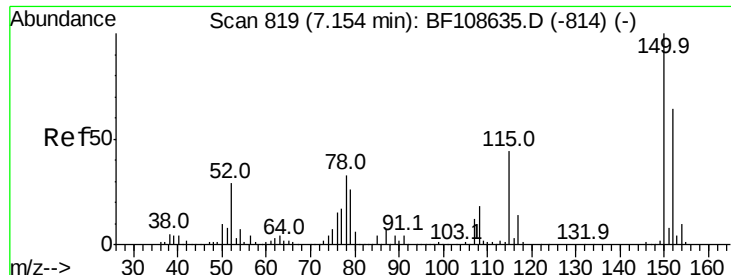


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

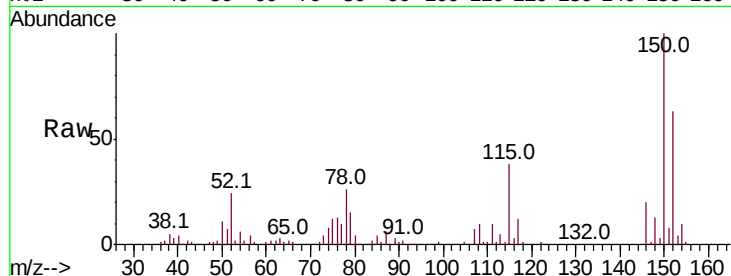




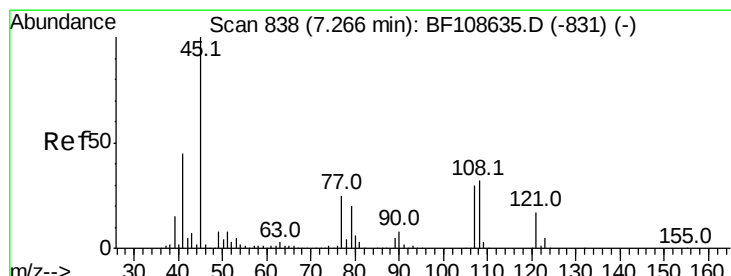
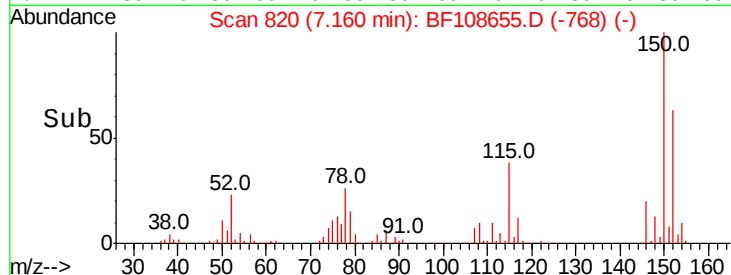
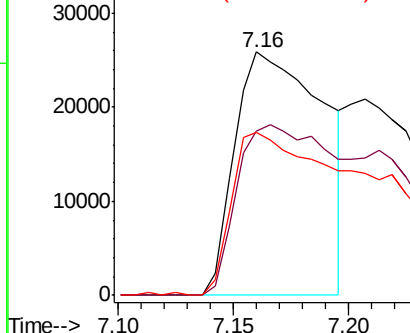
#15
Benzyl Alcohol
Concen: 14.599 ng
RT: 7.16 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
79	100		
108	67.5	65.1	97.7
77	67.0	50.6	75.8

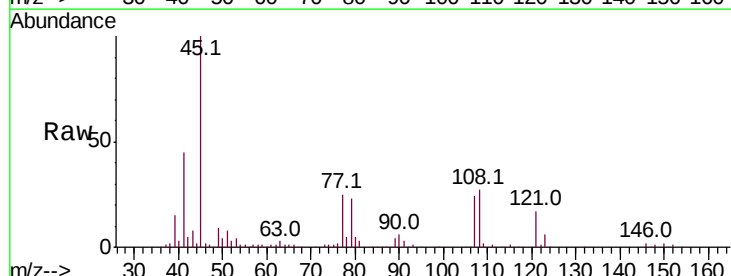


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

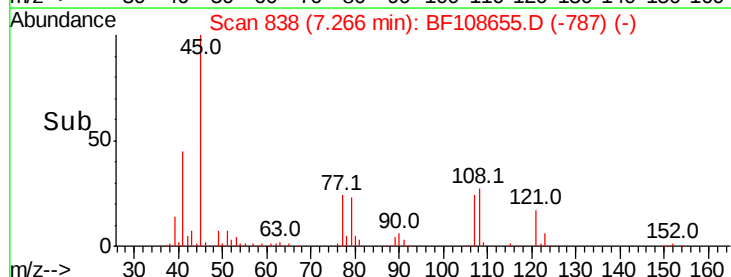
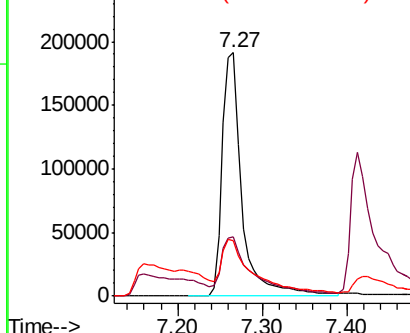


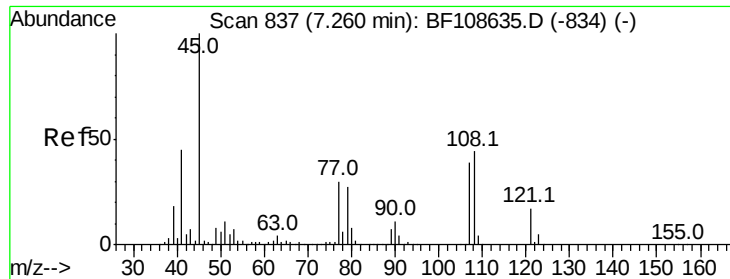
#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.963 ng
RT: 7.27 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.5	0.0	32.9
79	22.7	0.0	29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

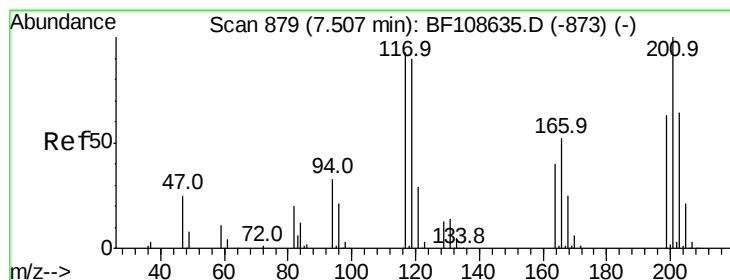
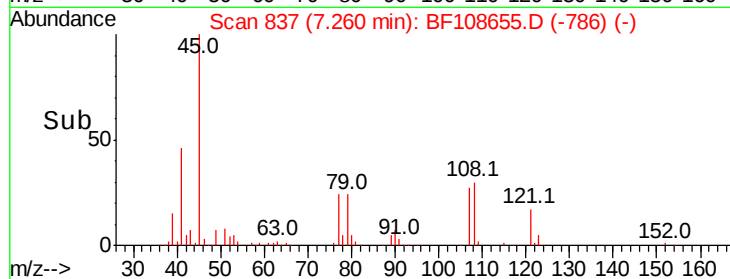
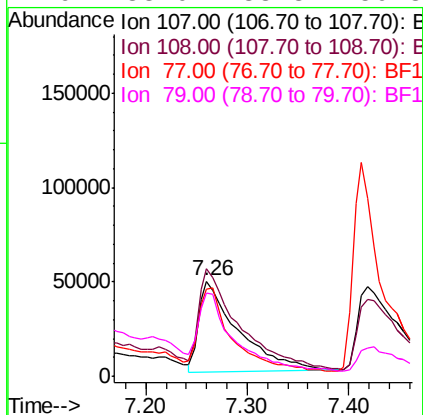
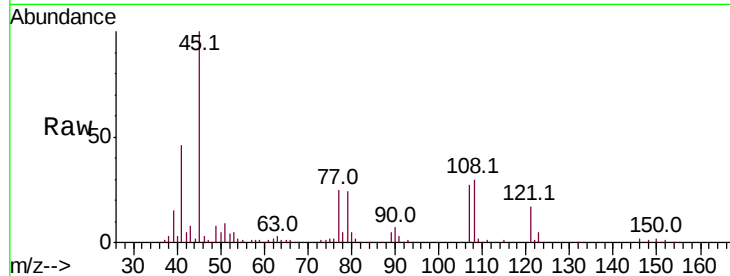




#17
2-Methylphenol
Concen: 29.674 ng
RT: 7.26 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

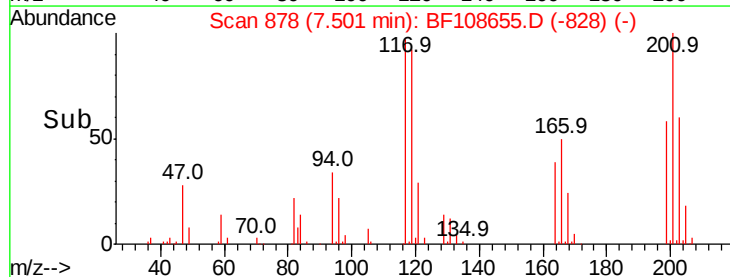
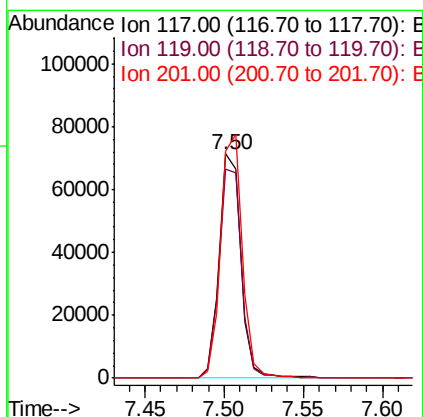
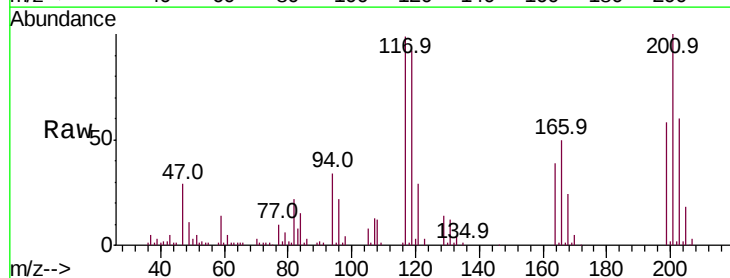
Instrument :
BNA_F
ClientSampleId :

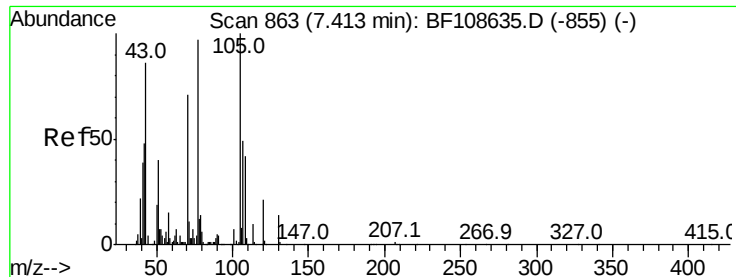
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.8	91.7	137.5
77	91.2	33.8	50.8#
79	88.0	33.8	50.8#



#18
Hexachloroethane
Concen: 27.616 ng
RT: 7.50 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.8	113.8
201	101.4	75.7	113.5

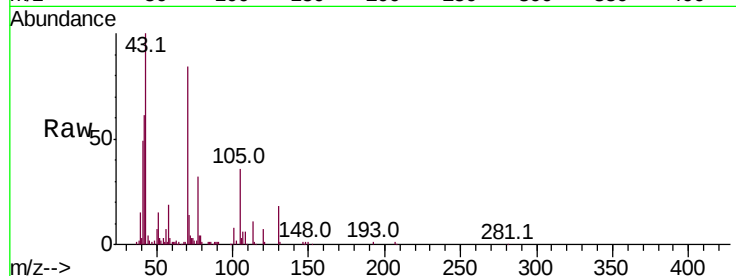




#19
n-Nitroso-di-n-propylamine
Concen: 28.327 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.4	47.5	71.3#
101	9.9	7.4	11.2
130	21.3	16.6	25.0



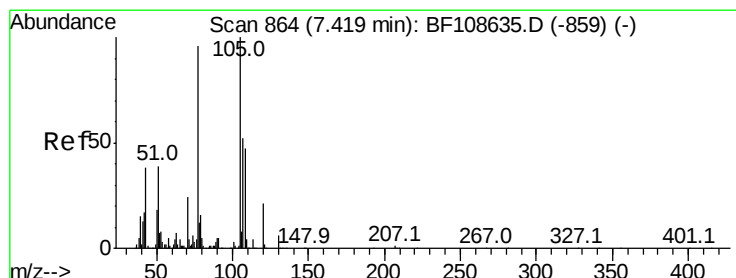
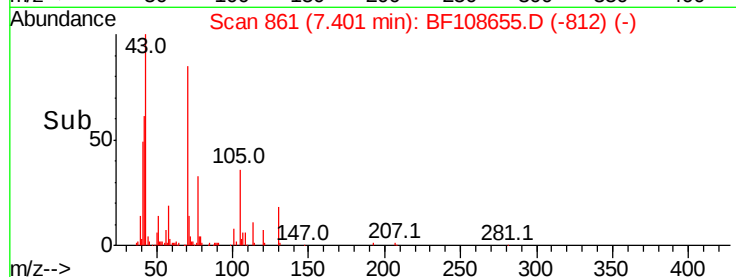
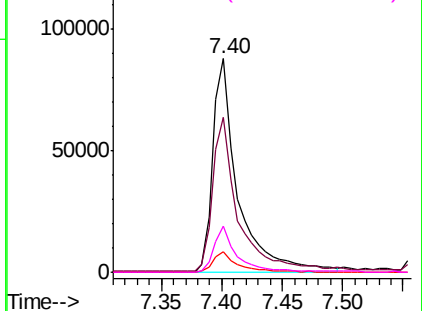
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 27.140 ng
RT: 7.42 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	68.2	108.2
77	198.7	26.7	66.7#
79	31.8	6.3	46.3

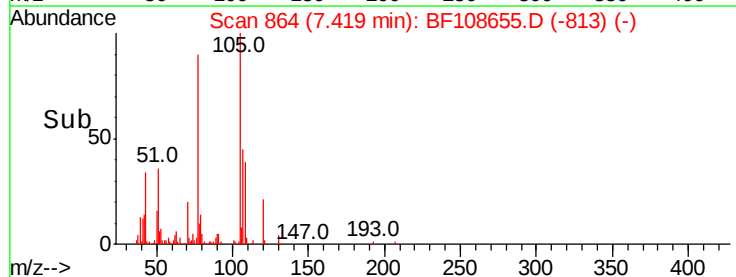
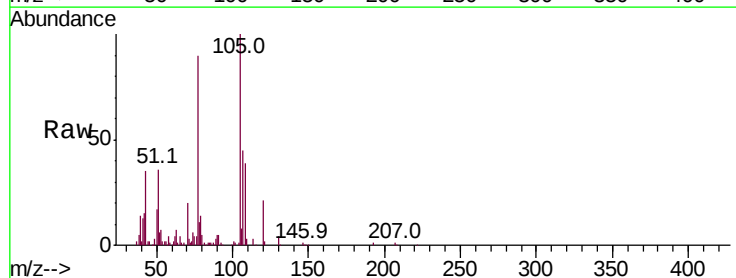
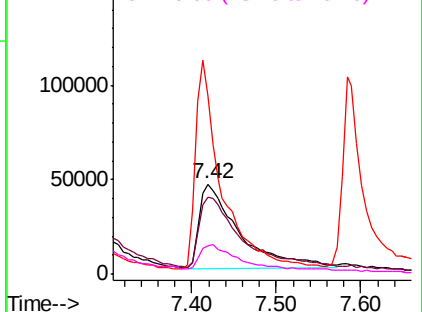
Abundance

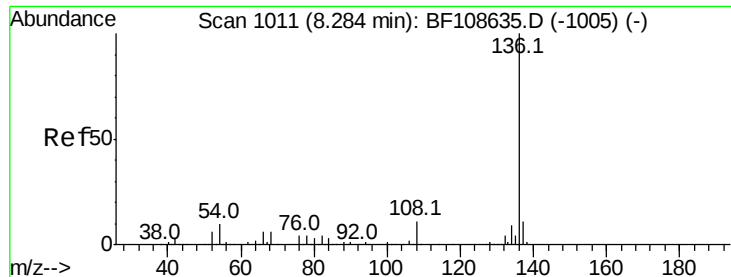
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF108655.D

Acq: 30 Aug 2018 22:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 300365

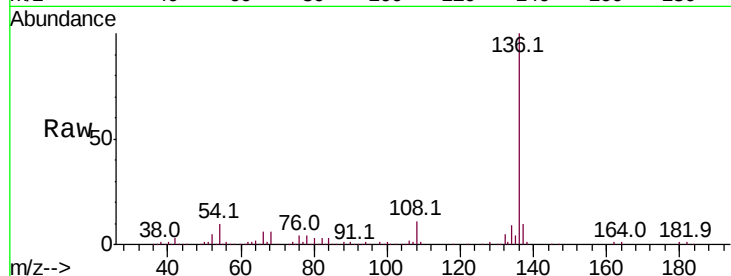
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 9.6 6.6 9.8

68 5.7 5.0 7.4

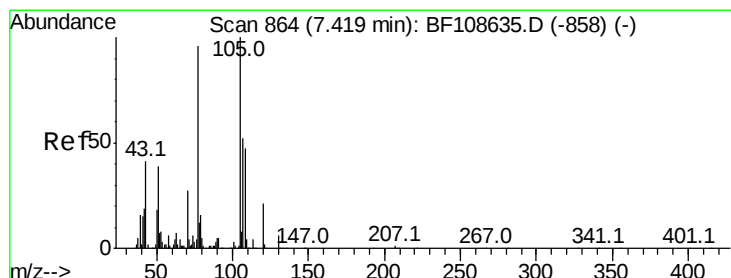
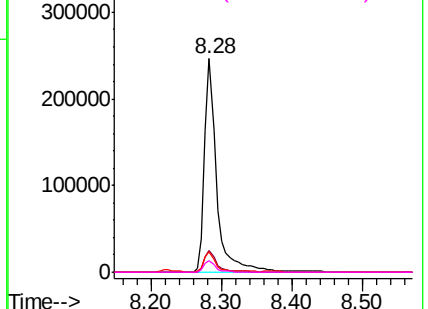
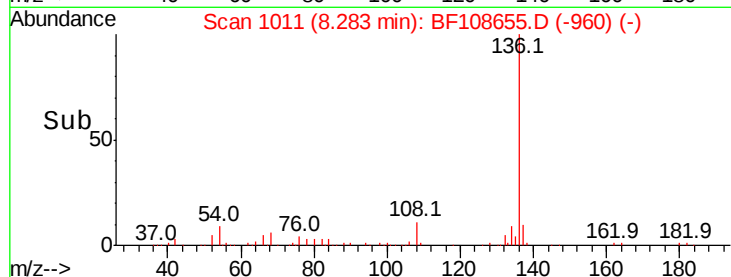


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.765 ng

RT: 7.41 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF108655.D

Acq: 30 Aug 2018 22:06

Tgt Ion:105 Resp: 260681

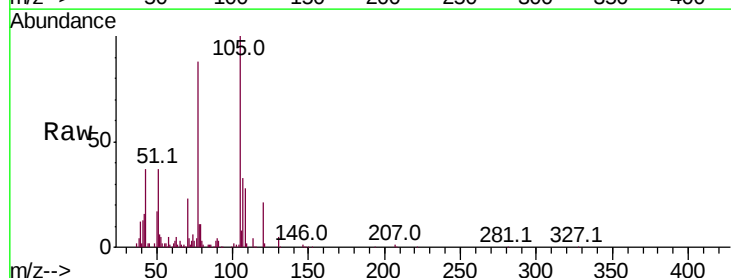
Ion Ratio Lower Upper

105 100

71 4.2 4.4 6.6#

51 37.5 22.3 33.5#

120 20.8 16.9 25.3

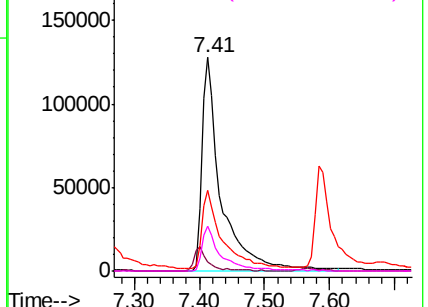
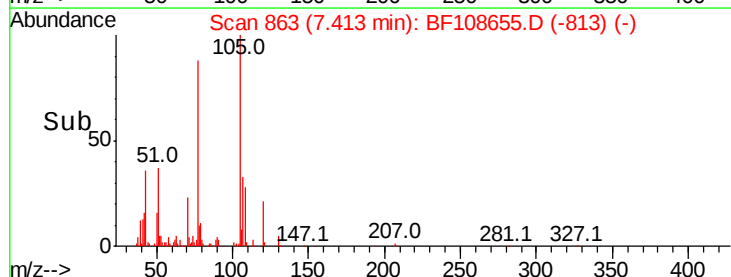


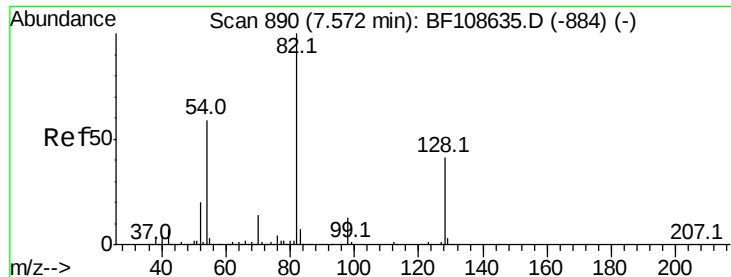
Abundance Ion 105.00 (104.70 to 105.70): E

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

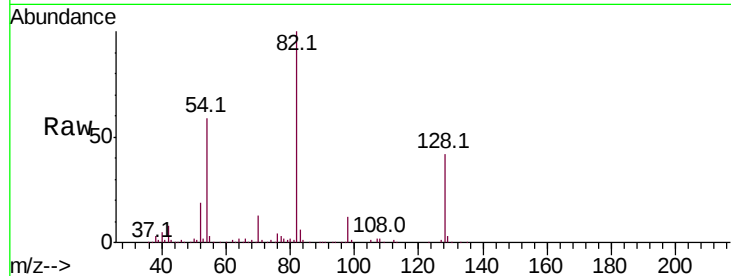




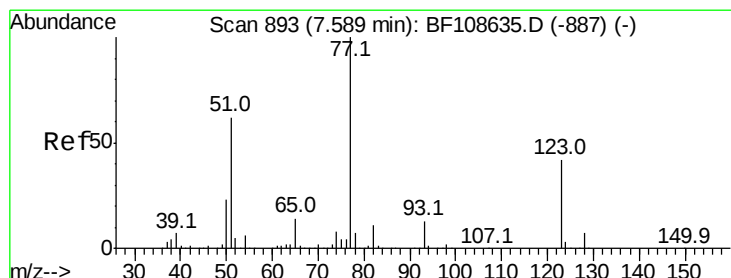
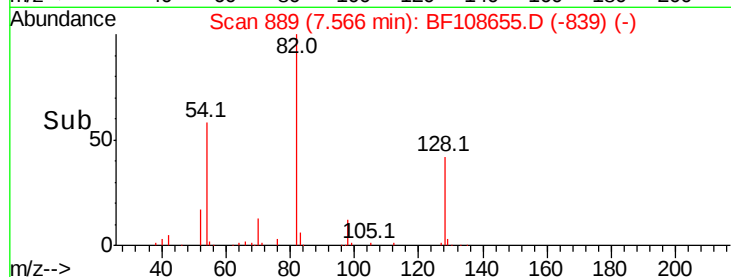
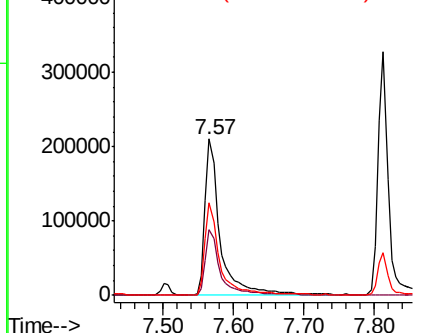
#23
 Nitrobenzene-d5
 Concen: 54.424 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108655.D
 Acq: 30 Aug 2018 22:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 322054
 Ion Ratio Lower Upper
 82 100
 128 41.7 36.1 54.1
 54 59.2 41.4 62.2

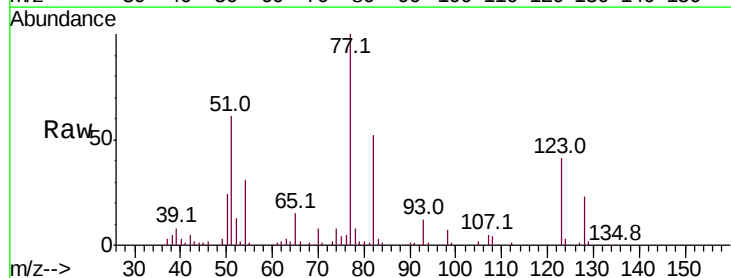


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

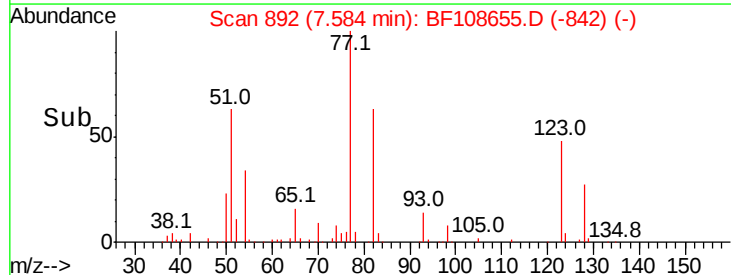
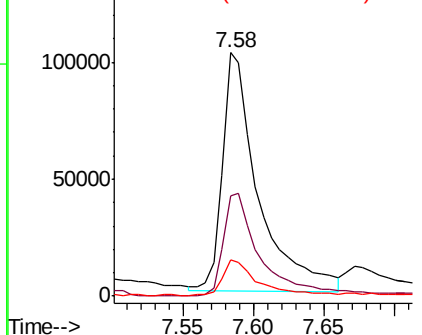


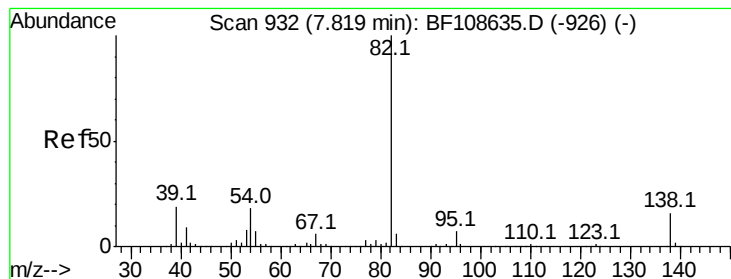
#24
 Nitrobenzene
 Concen: 30.296 ng
 RT: 7.58 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF108655.D
 Acq: 30 Aug 2018 22:06

Tgt Ion: 77 Resp: 181780
 Ion Ratio Lower Upper
 77 100
 123 41.3 37.9 56.9
 65 14.8 11.0 16.4



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





#25

Isophorone

Concen: 33.473 ng

RT: 7.81 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF108655.D

Acq: 30 Aug 2018 22:06

Instrument :

BNA_F

ClientSampleId :

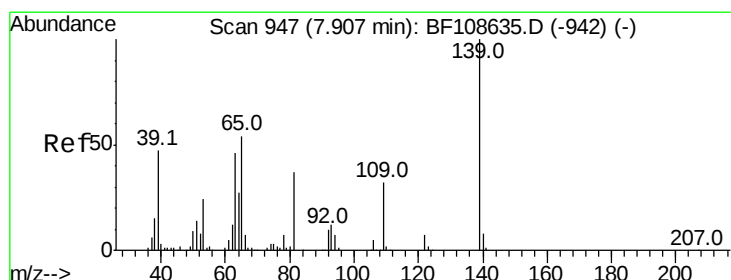
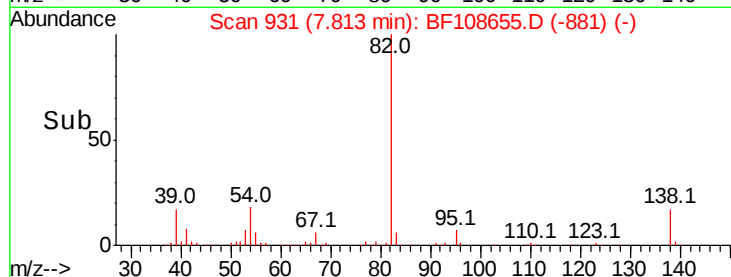
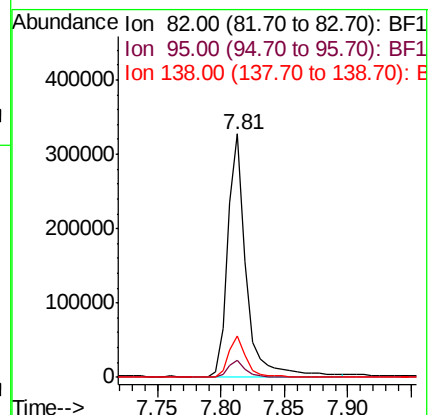
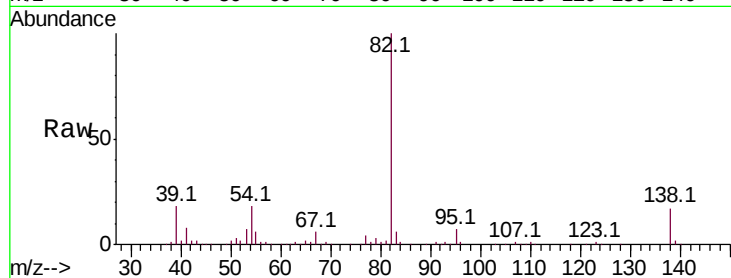
Tot Ion: 82 Resp: 329041

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 16.9 14.9 22.3



#26

2-Nitrophenol

Concen: 28.609 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF108655.D

Acq: 30 Aug 2018 22:06

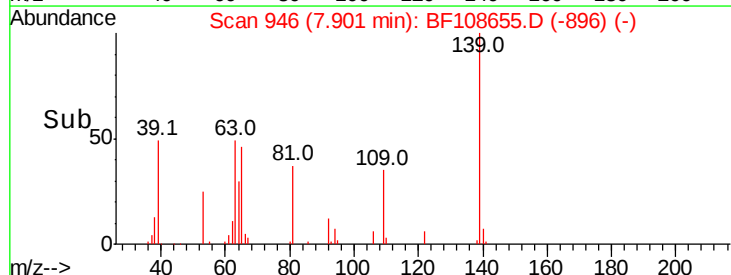
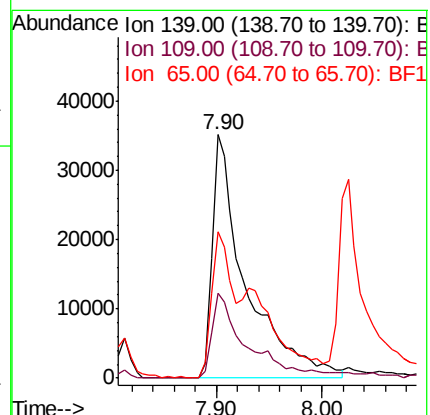
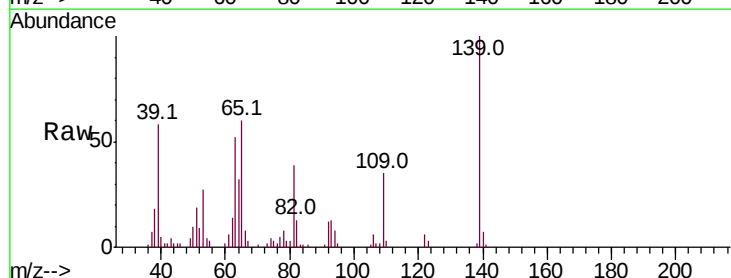
Tgt Ion: 139 Resp: 77709

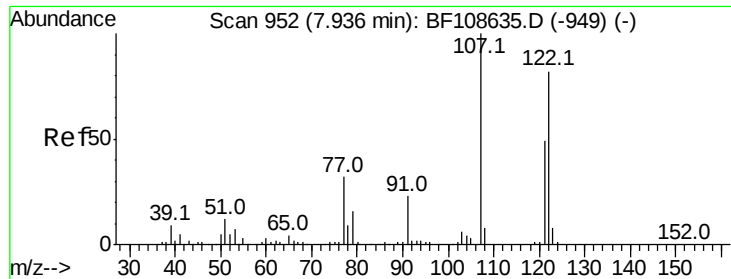
Ion Ratio Lower Upper

139 100

109 34.7 22.7 34.1#

65 60.3 40.5 60.7

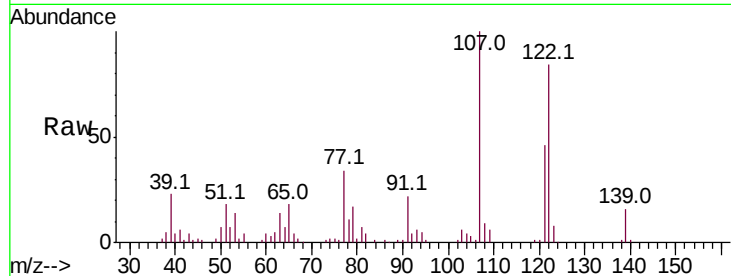




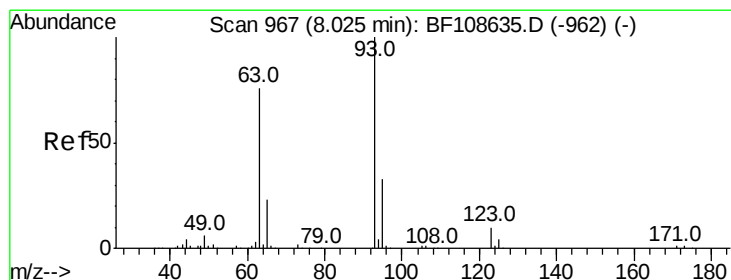
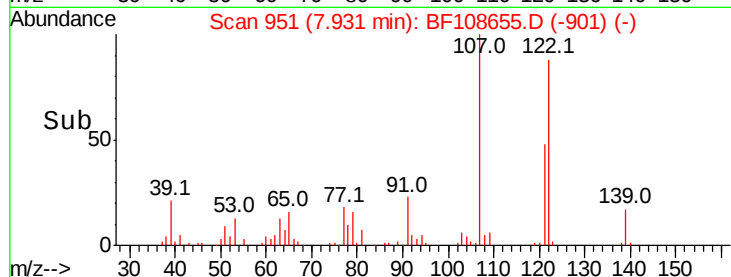
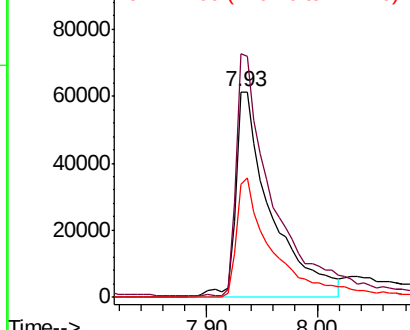
#27
2,4-Dimethylphenol
Concen: 34.994 ng
RT: 7.93 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 138240
Ion Ratio Lower Upper
122 100
107 118.4 91.2 136.8
121 54.8 47.2 70.8

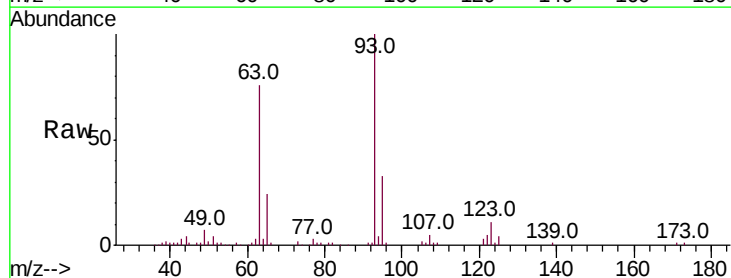


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

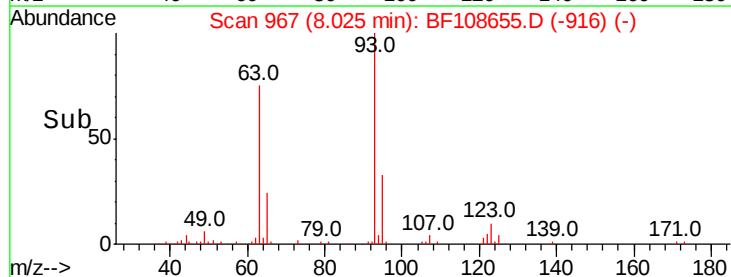
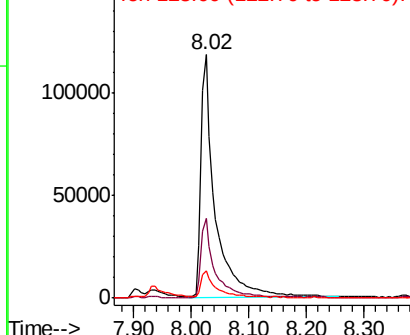


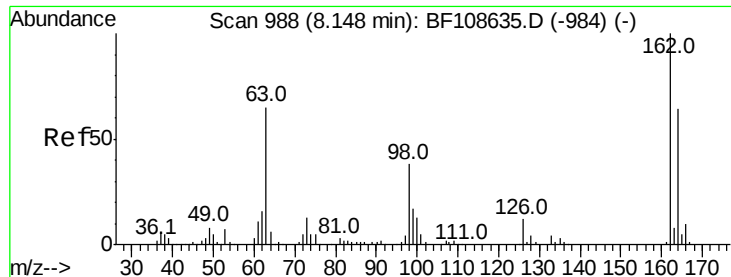
#28
bis(2-Chloroethoxy)methane
Concen: 32.937 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.00 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

Tgt Ion: 93 Resp: 204528
Ion Ratio Lower Upper
93 100
95 32.9 26.3 39.5
123 11.0 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

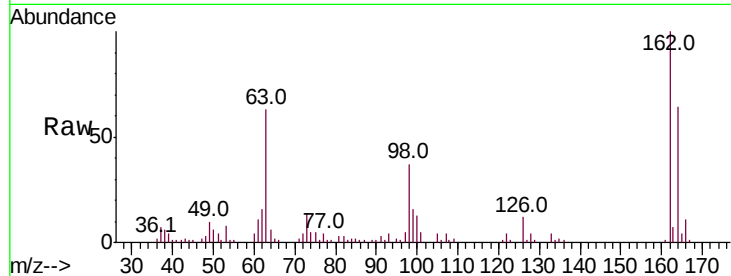




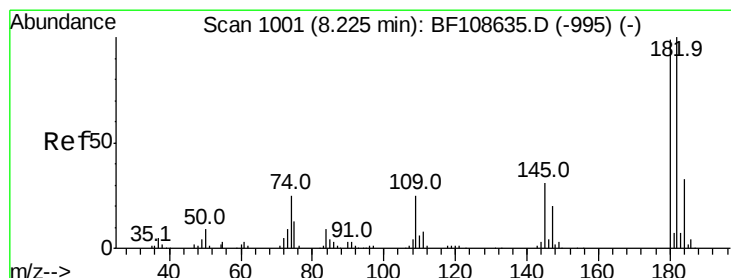
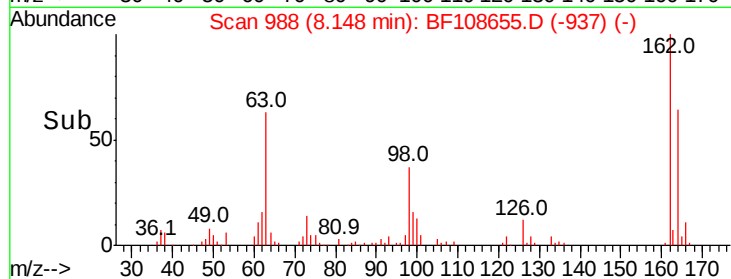
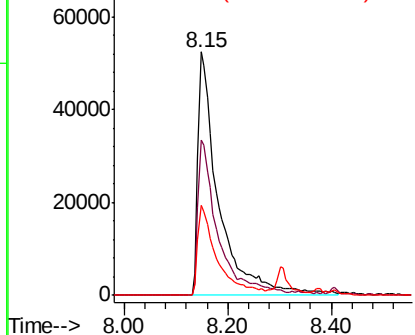
#29
 2,4-Dichlorophenol
 Concen: 31.007 ng
 RT: 8.15 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF108655.D
 Acq: 30 Aug 2018 22:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.7	82.7
98	37.0	18.1	58.1

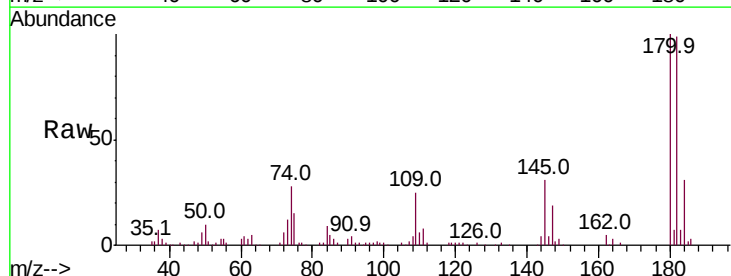


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

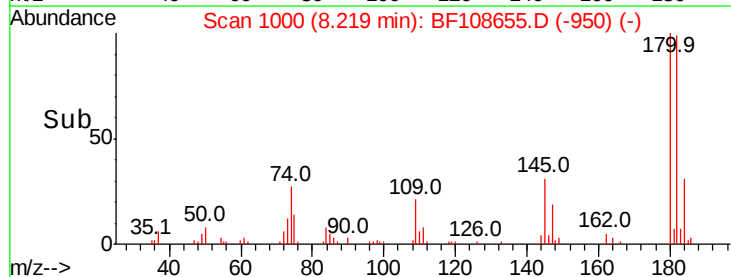
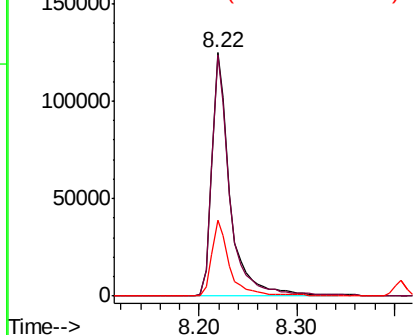


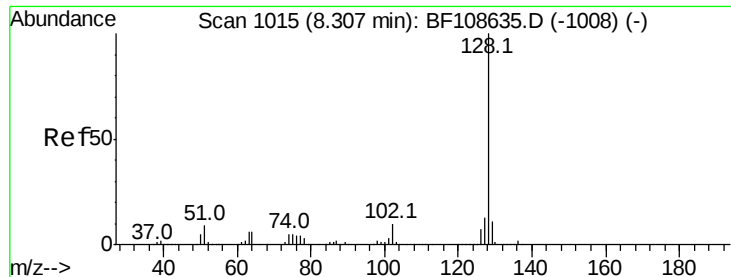
#30
 1,2,4-Trichlorobenzene
 Concen: 30.925 ng
 RT: 8.22 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF108655.D
 Acq: 30 Aug 2018 22:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.9	76.8	115.2
145	31.3	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

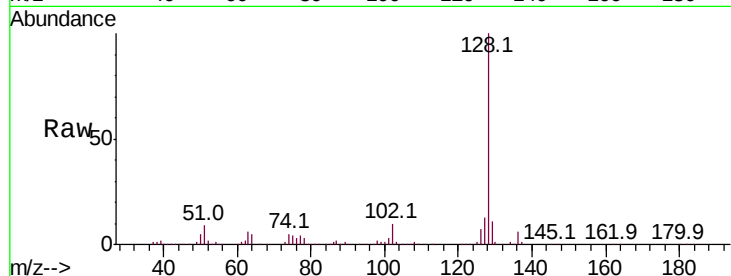




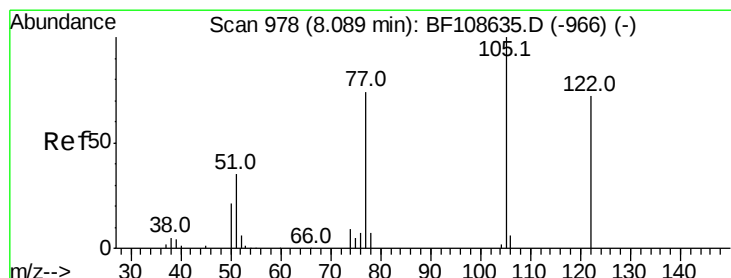
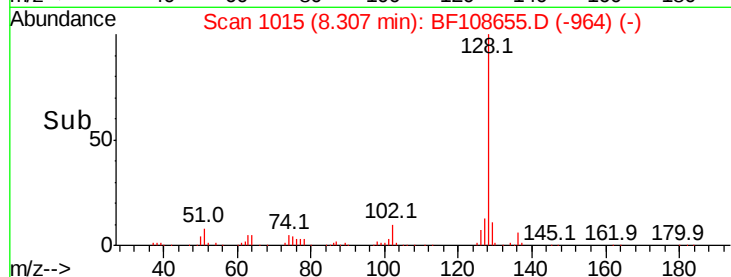
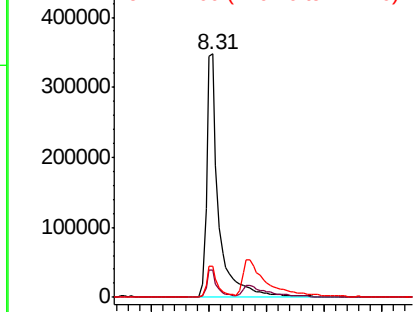
#31
Naphthalene
Concen: 36.075 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.0	10.9	16.3

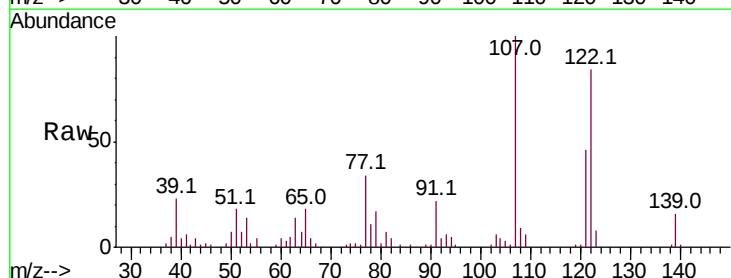


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

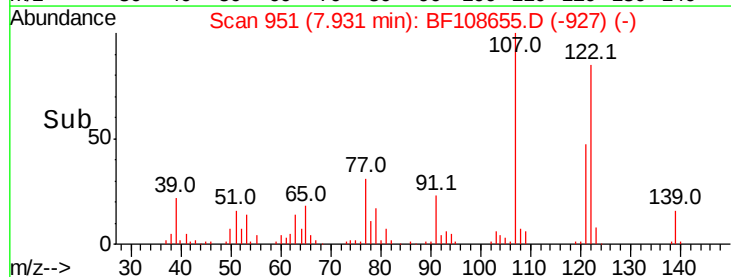
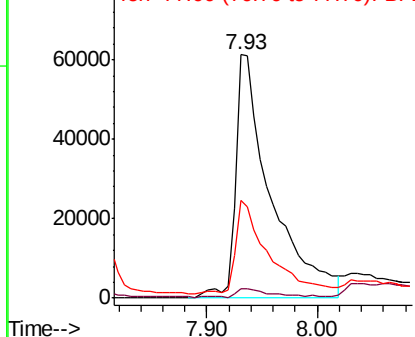


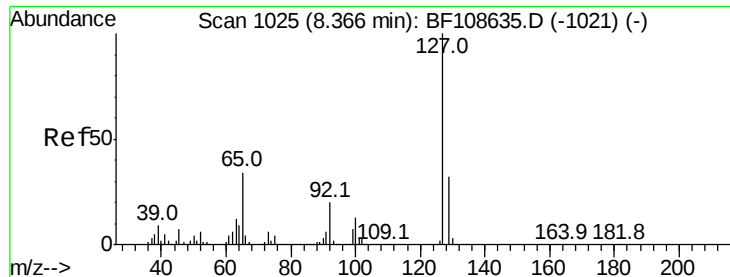
#32
Benzoic acid
Concen: 54.568 ng
RT: 7.93 min Scan# 951
Delta R.T. -0.16 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	4.0	101.1	141.1#
77	39.9	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

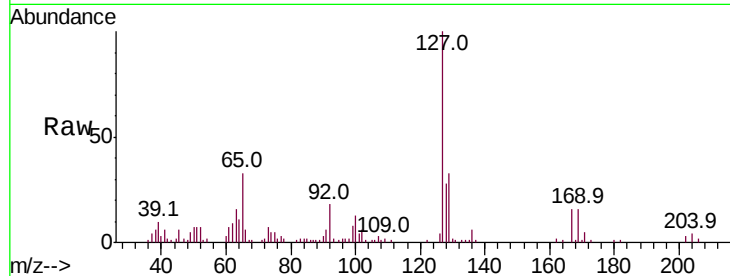




#33
4-Chloroaniline
Concen: 24.081 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	152081
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	32.9	25.0	37.4
92	17.9	15.2	22.8



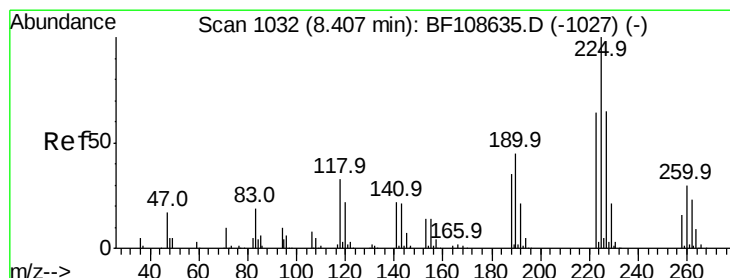
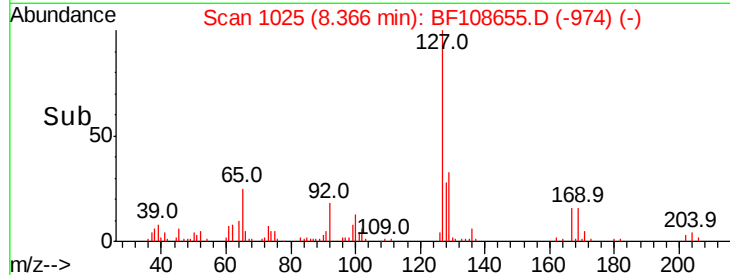
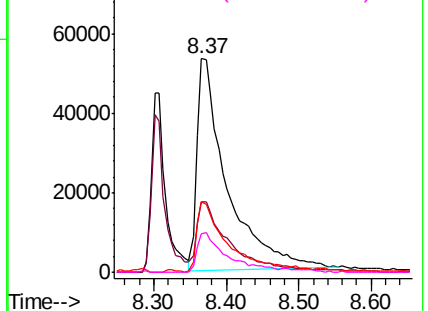
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

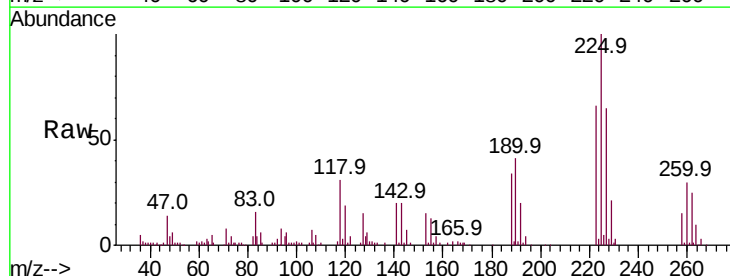
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 29.487 ng
RT: 8.41 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

Tgt Ion:	225	Resp:	101468
Ion	Ratio	Lower	Upper
225	100		
223	65.5	50.6	76.0
227	64.6	51.9	77.9

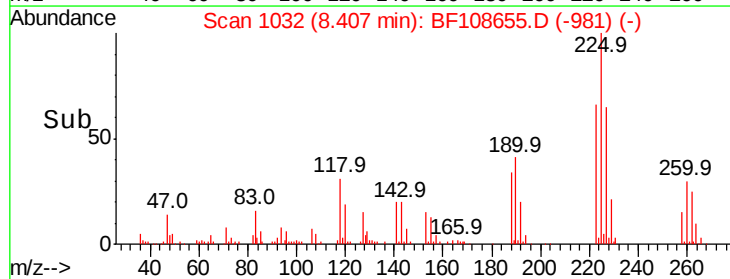
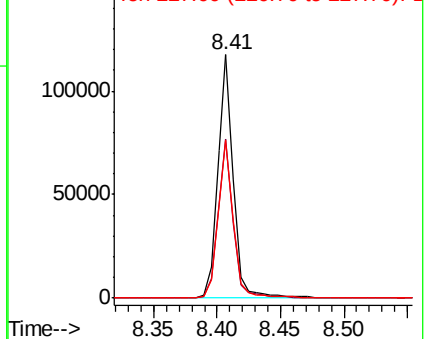


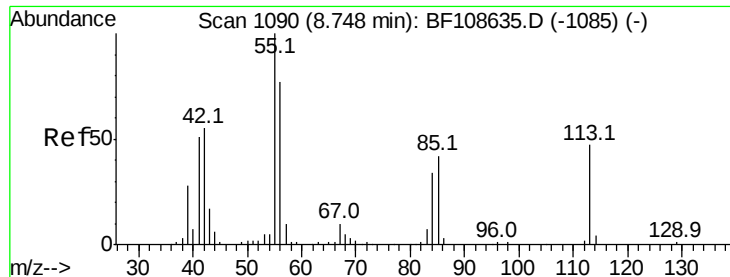
Abundance

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

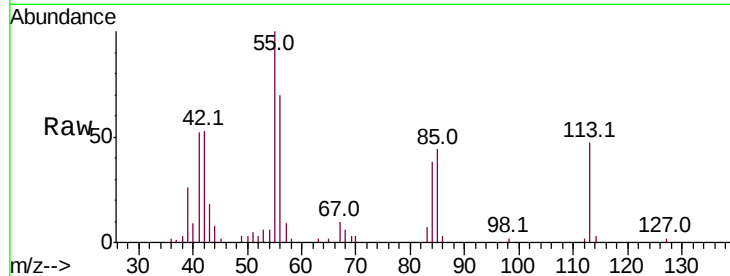




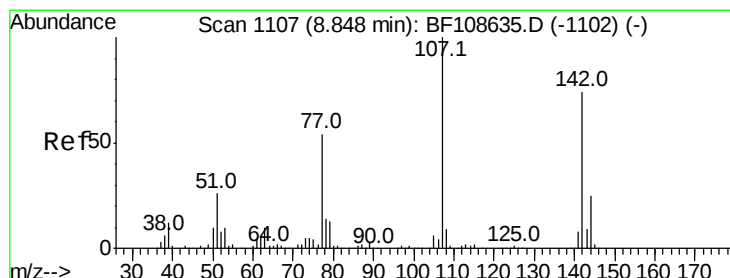
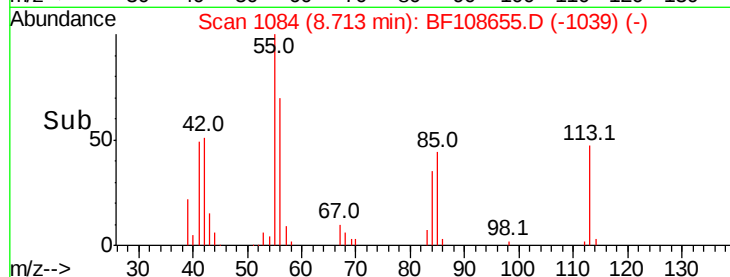
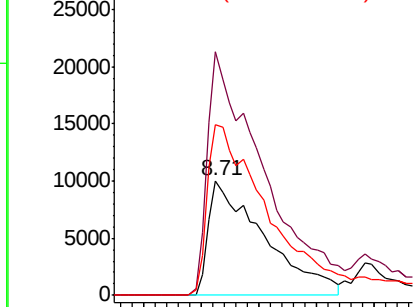
#35
 Caprolactam
 Concen: 26.880 ng
 RT: 8.71 min Scan# 1084
 Delta R.T. -0.04 min
 Lab File: BF108655.D
 Acq: 30 Aug 2018 22:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 33568
 Ion Ratio Lower Upper
 113 100
 55 211.9 163.3 203.3#
 56 148.4 115.7 155.7

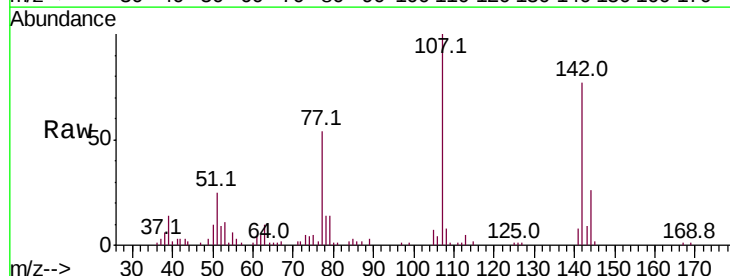


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

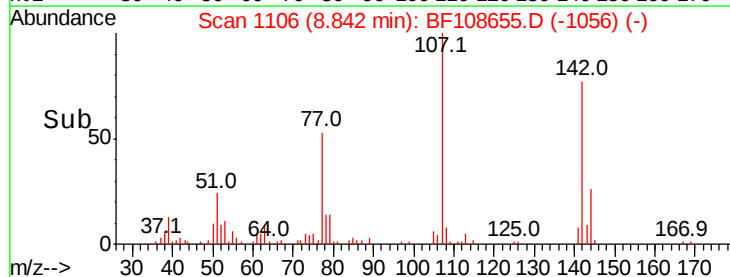
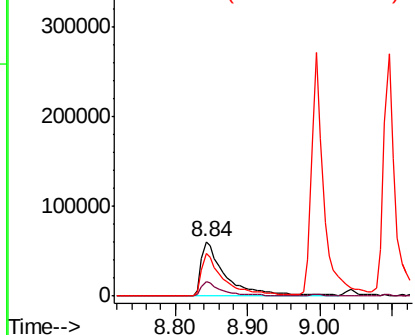


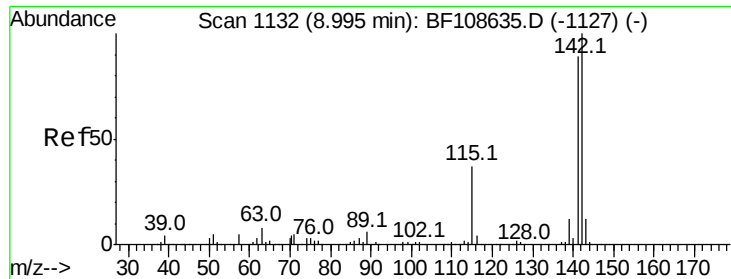
#36
 4-Chloro-3-methylphenol
 Concen: 28.507 ng
 RT: 8.84 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF108655.D
 Acq: 30 Aug 2018 22:06

Tgt Ion:107 Resp: 143389
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.5 30.7
 142 77.1 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

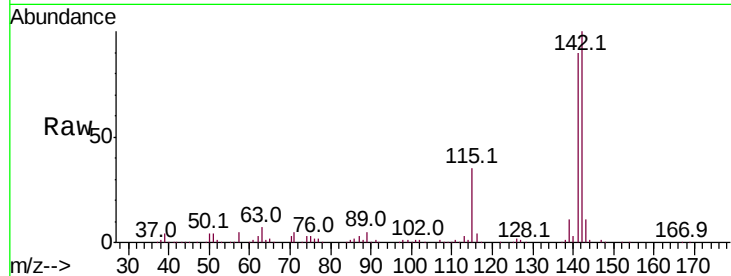




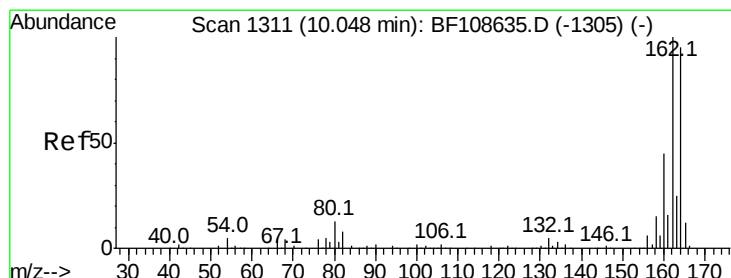
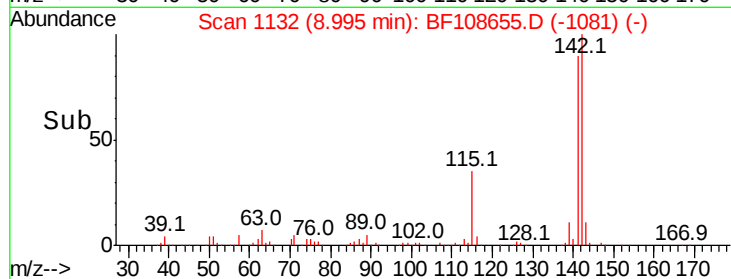
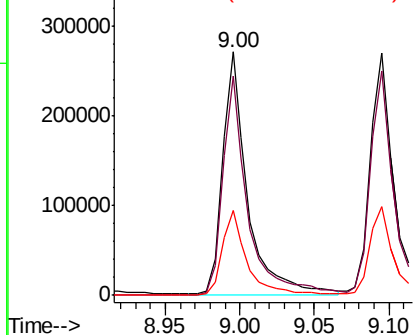
#37
2-Methylnaphthalene
Concen: 33.131 ng
RT: 9.00 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	34.9	26.1	39.1

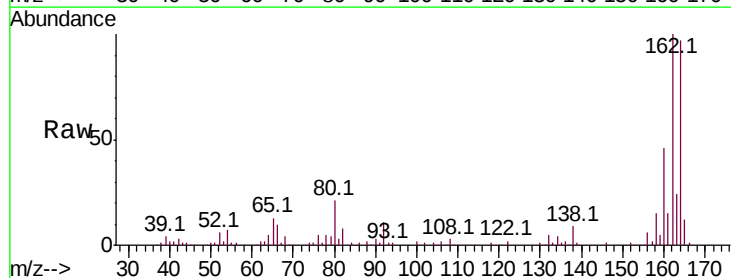


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

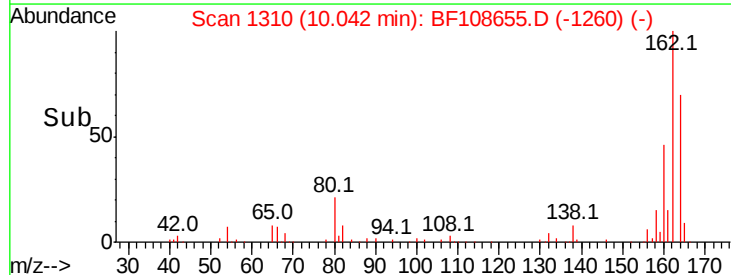
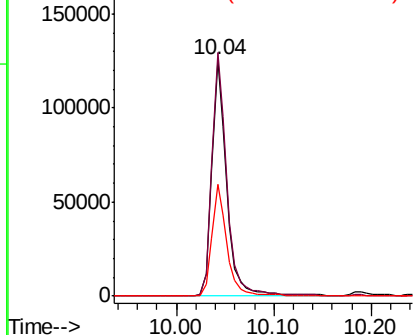


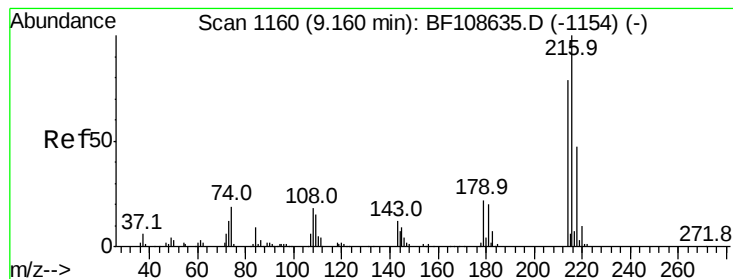
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	47.3	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: 34.568 ng

RT: 9.16 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF108655.D

Acq: 30 Aug 2018 22:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 163533

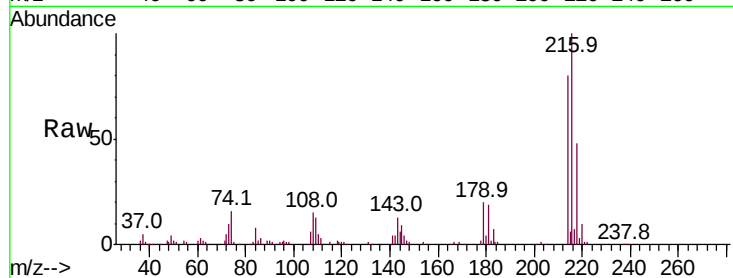
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 19.8 18.1 27.1

108 17.2 17.2 25.8

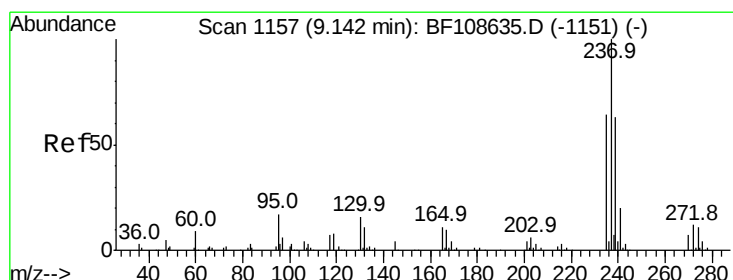
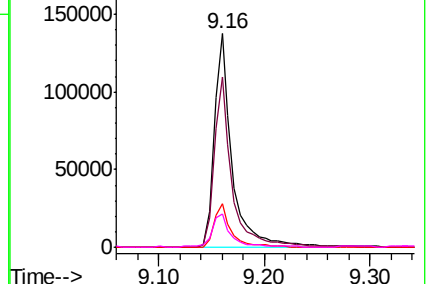
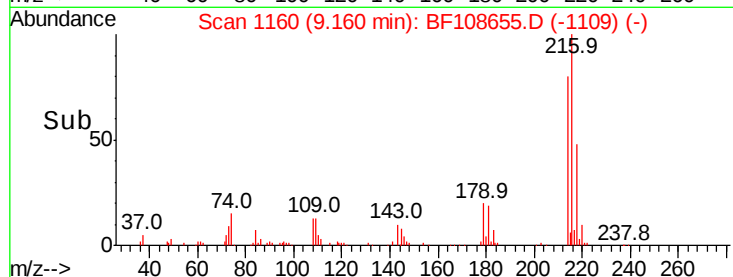


Abundance Ion 216.00 (215.70 to 216.70): E

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: 20.463 ng

RT: 9.14 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF108655.D

Acq: 30 Aug 2018 22:06

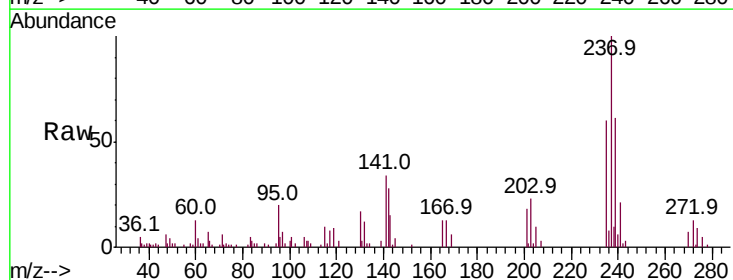
Tgt Ion:237 Resp: 29298

Ion Ratio Lower Upper

237 100

235 59.7 44.8 84.8

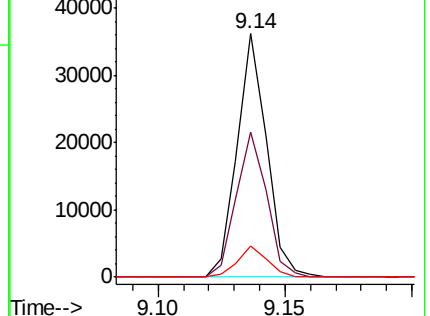
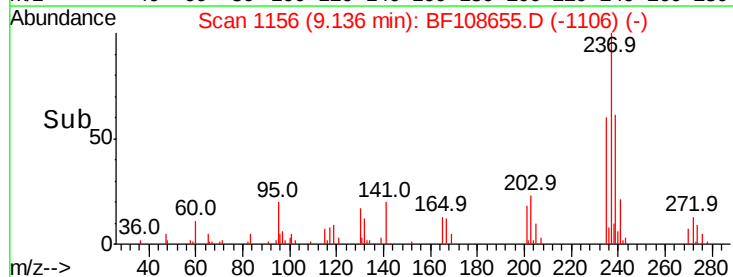
272 12.5 0.0 33.3

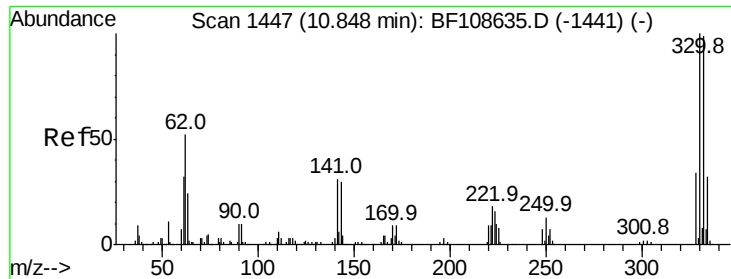


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

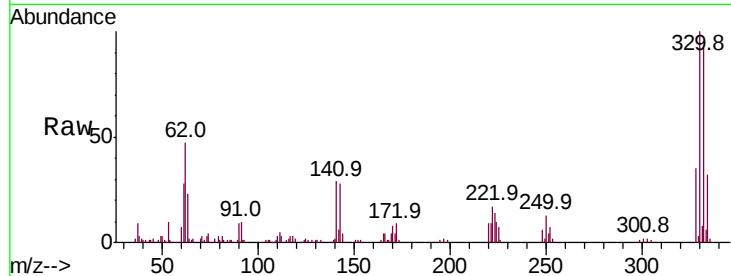




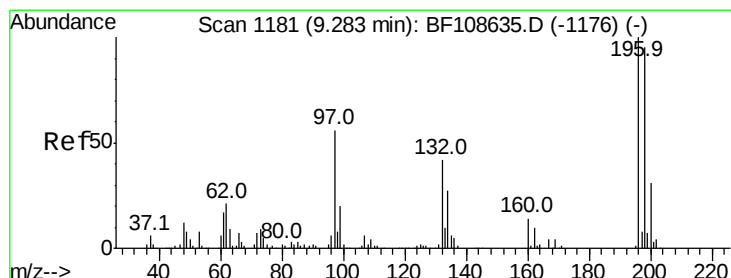
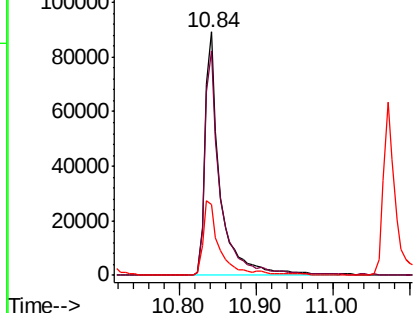
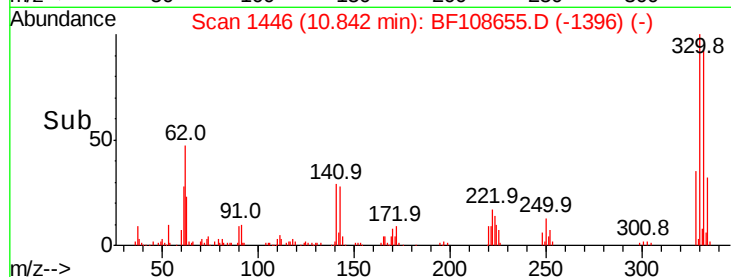
#41
 2,4,6-Tribromophenol
 Concen: 68.805 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108655.D
 Acq: 30 Aug 2018 22:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	31.6	29.9	44.9

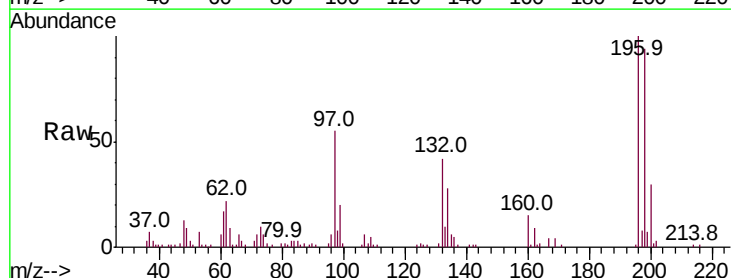


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

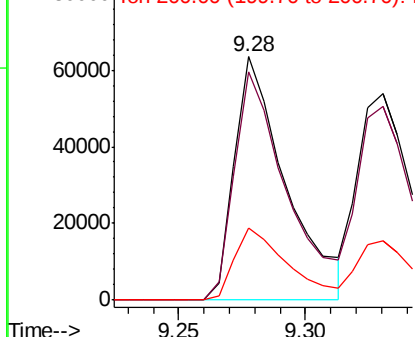
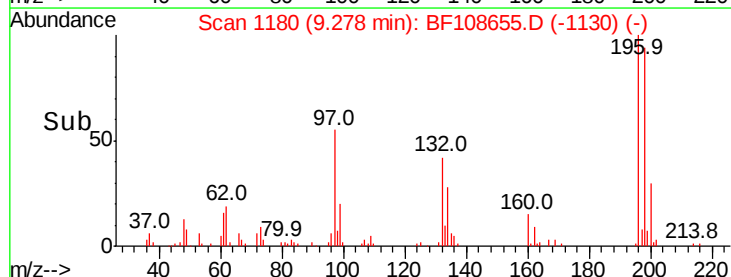


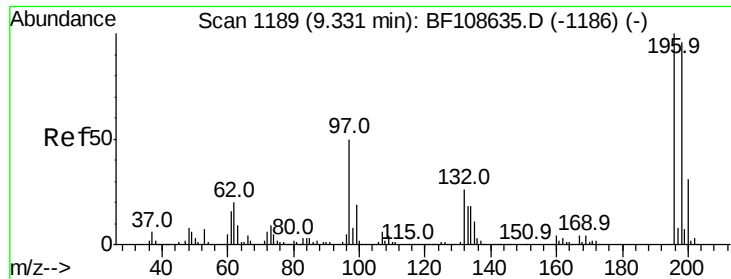
#42
 2,4,6-Trichlorophenol
 Concen: 31.993 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF108655.D
 Acq: 30 Aug 2018 22:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.7	113.5
200	29.6	24.5	36.7



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

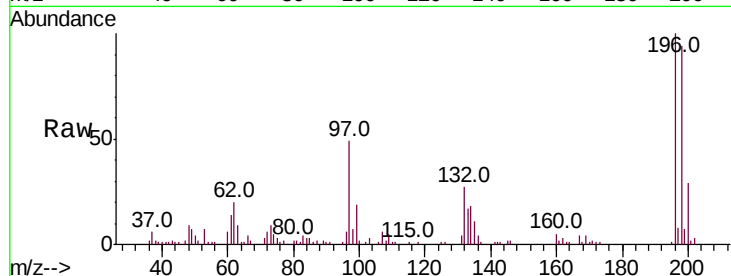




#43
 2,4,5-Trichlorophenol
 Concen: 35.566 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF108655.D
 Acq: 30 Aug 2018 22:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	116189
Ion	Ratio	Lower	Upper
196	100		
198	93.7	74.6	112.0
97	48.8	42.9	64.3
132	27.0	26.3	39.5



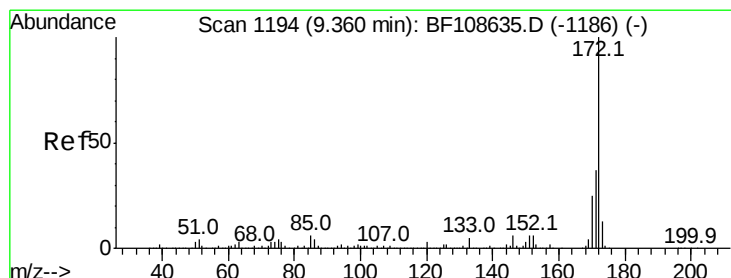
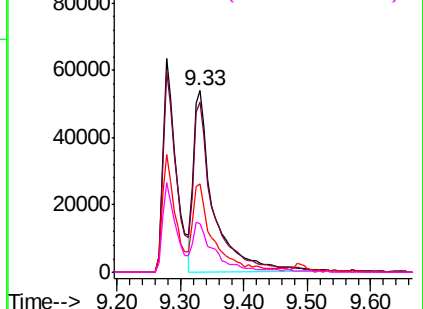
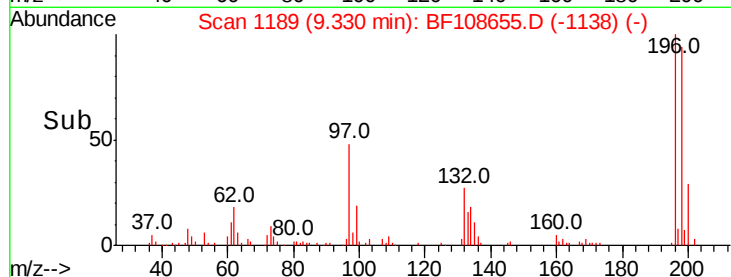
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

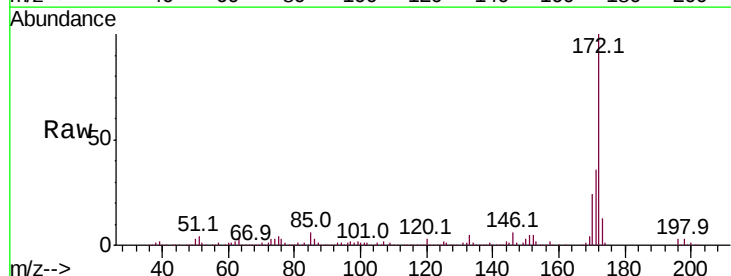
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 56.468 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108655.D
 Acq: 30 Aug 2018 22:06

Tgt Ion:	172	Resp:	559631
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.0	19.6	29.4

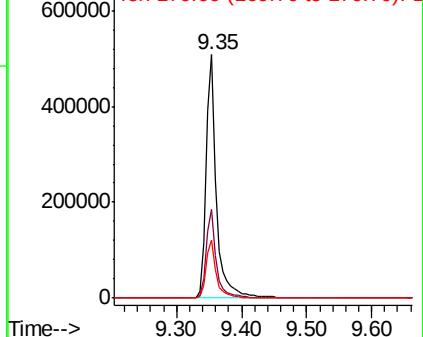
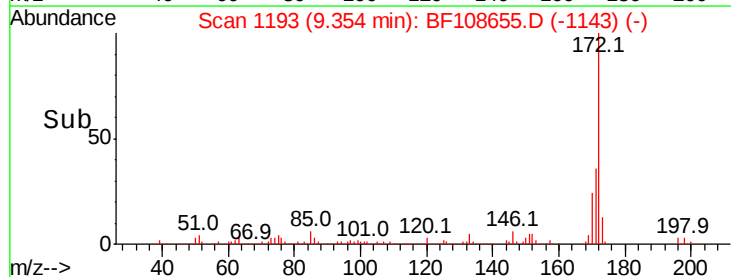


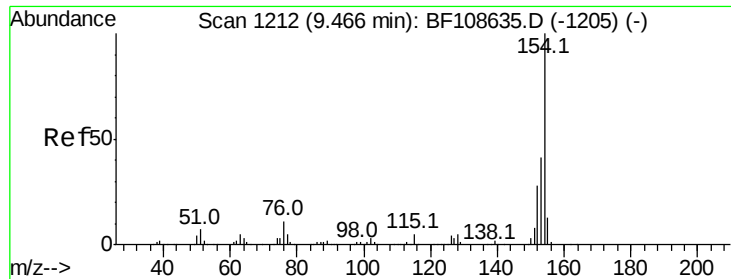
Abundance

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: 33.716 ng

RT: 9.46 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF108655.D

Acq: 30 Aug 2018 22:06

Instrument :

BNA_F

ClientSampleId :

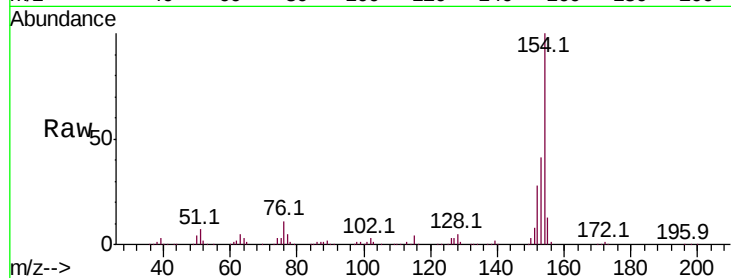
Tot Ion:154 Resp: 391128

Ion Ratio Lower Upper

154 100

153 40.8 21.3 61.3

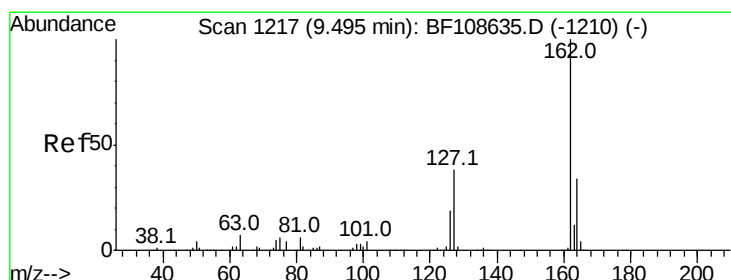
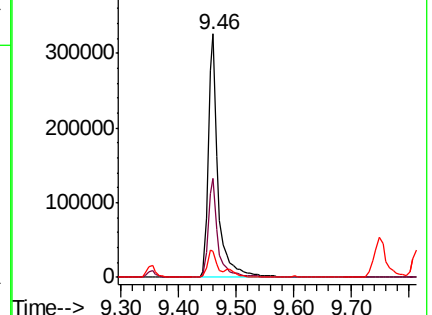
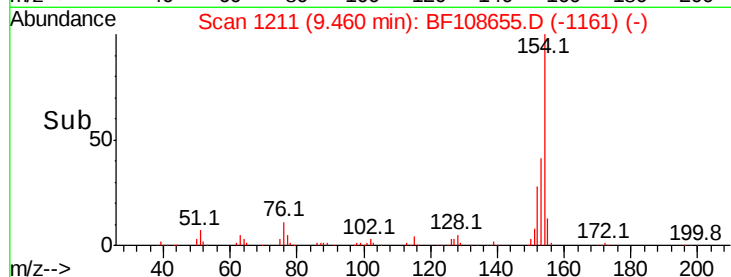
76 10.9 0.0 34.0



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: 32.987 ng

RT: 9.49 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF108655.D

Acq: 30 Aug 2018 22:06

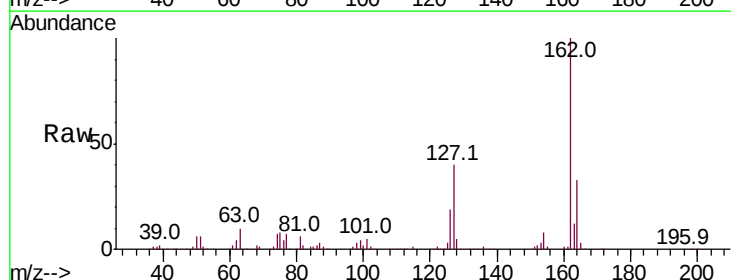
Tgt Ion:162 Resp: 299579

Ion Ratio Lower Upper

162 100

127 40.0 33.9 50.9

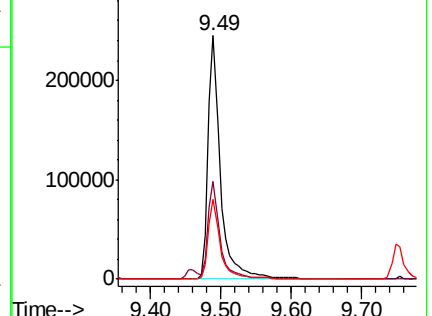
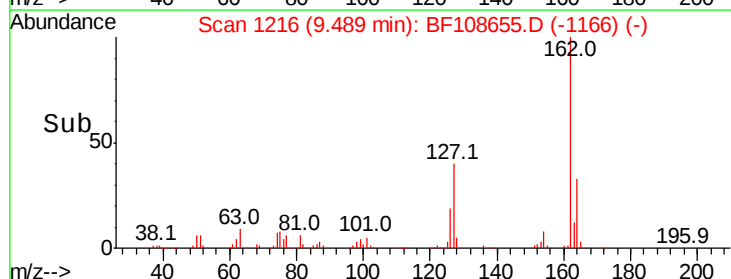
164 32.7 26.5 39.7

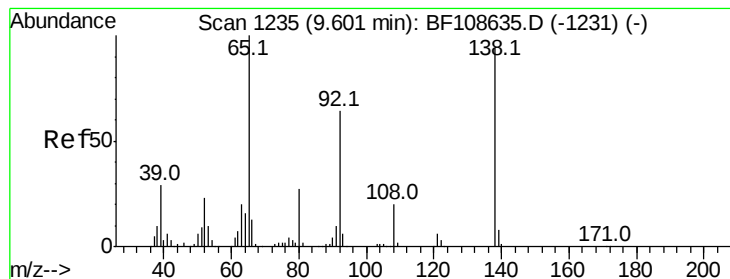


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 31.306 ng

RT: 9.60 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF108655.D

Acq: 30 Aug 2018 22:06

Instrument :

BNA_F

ClientSampleId :

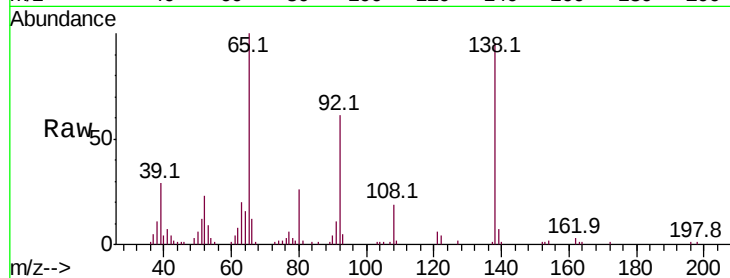
Tot Ion: 65 Resp: 95092

Ion Ratio Lower Upper

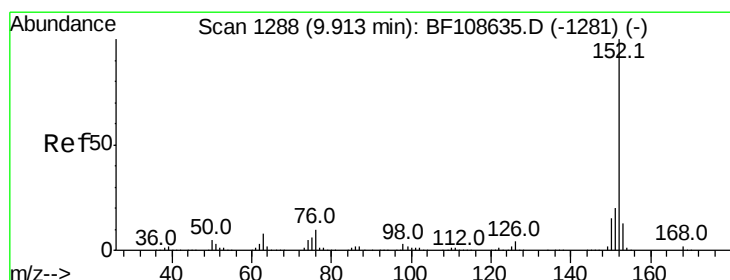
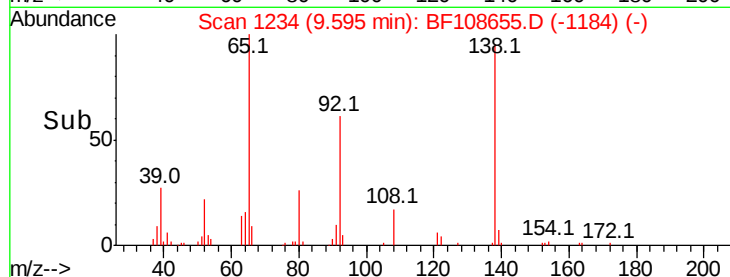
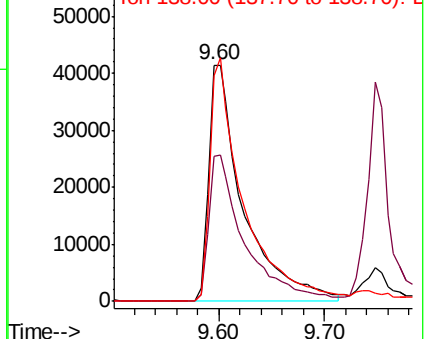
65 100

92 61.4 55.8 83.6

138 95.5 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: 35.119 ng

RT: 9.91 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF108655.D

Acq: 30 Aug 2018 22:06

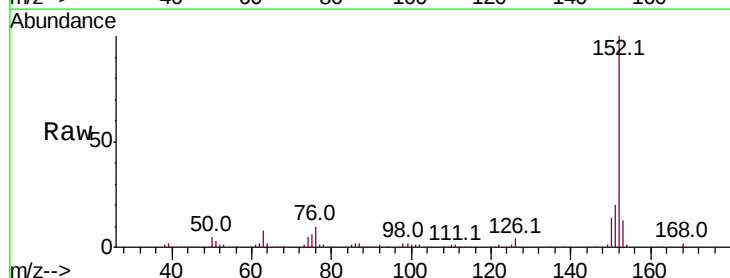
Tgt Ion: 152 Resp: 466945

Ion Ratio Lower Upper

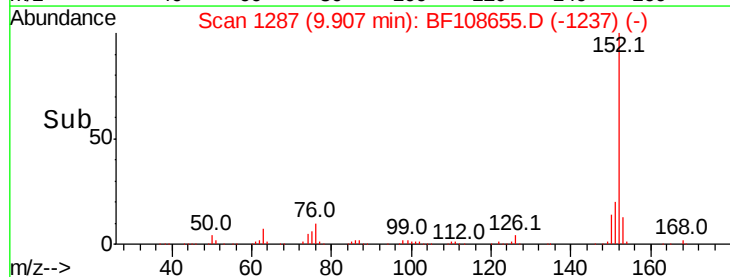
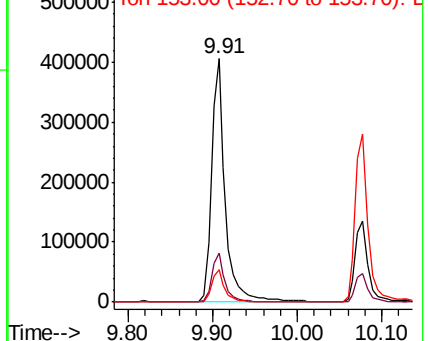
152 100

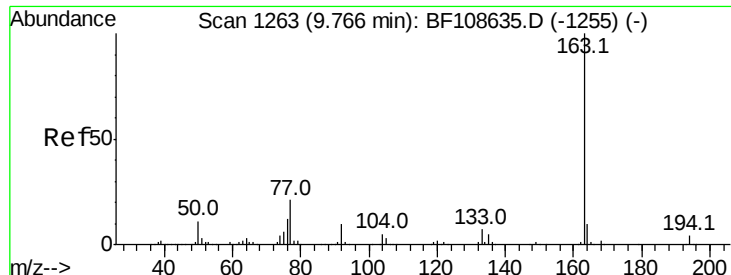
151 20.2 16.3 24.5

153 13.1 10.7 16.1



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

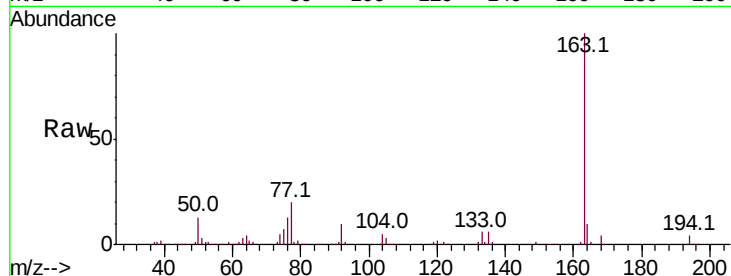




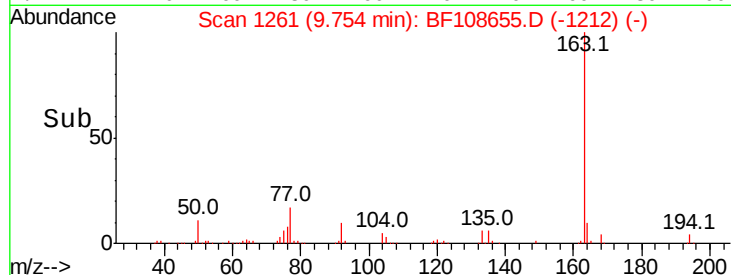
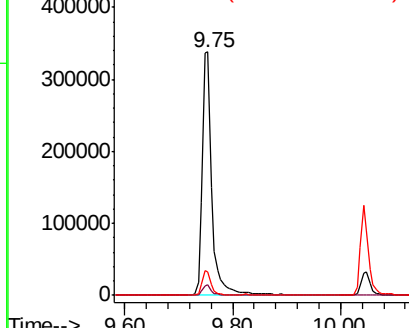
#49
Dimethylphthalate
Concen: 40.109 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 420877
Ion Ratio Lower Upper
163 100
194 4.4 2.7 4.1#
164 9.8 8.2 12.2

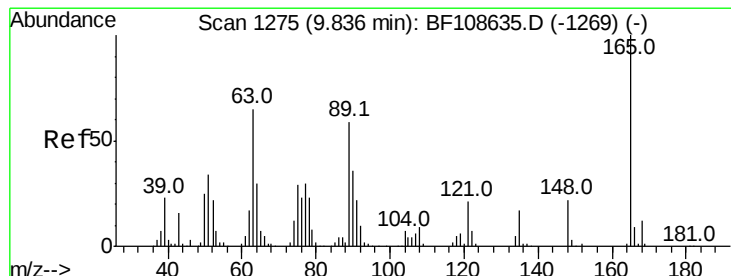


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

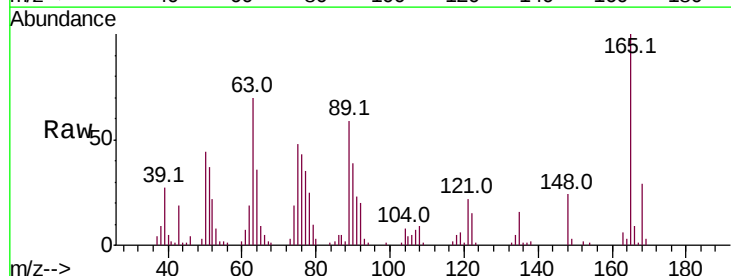
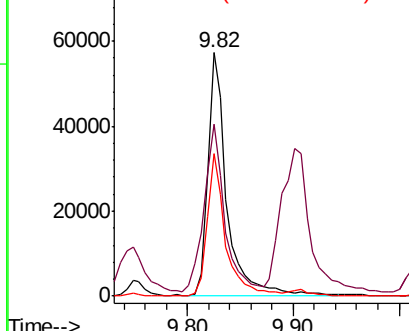


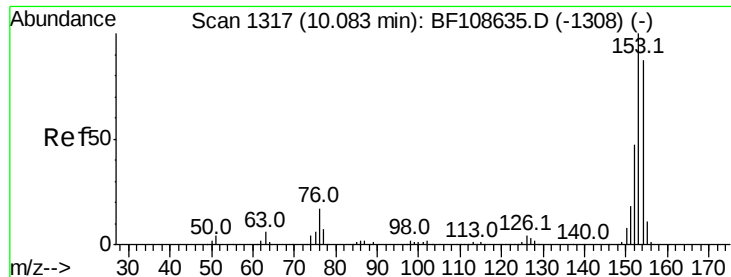
#50
2,6-Dinitrotoluene
Concen: 31.333 ng
RT: 9.82 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

Tgt Ion:165 Resp: 72473
Ion Ratio Lower Upper
165 100
63 70.4 44.7 67.1#
89 58.5 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: 33.889 ng

RT: 10.08 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF108655.D

Acq: 30 Aug 2018 22:06

Instrument :

BNA_F

ClientSampleId :

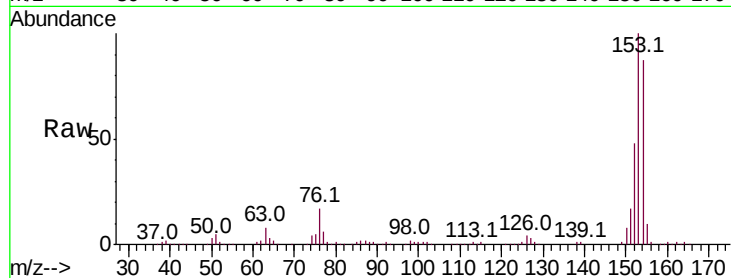
Tot Ion:154 Resp: 269411

Ion Ratio Lower Upper

154 100

153 115.1 91.2 136.8

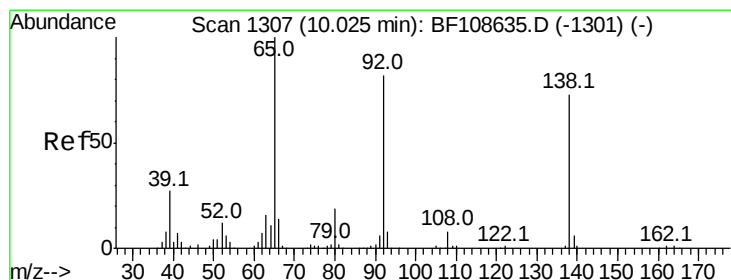
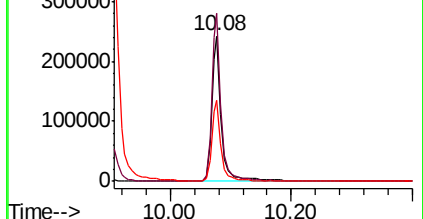
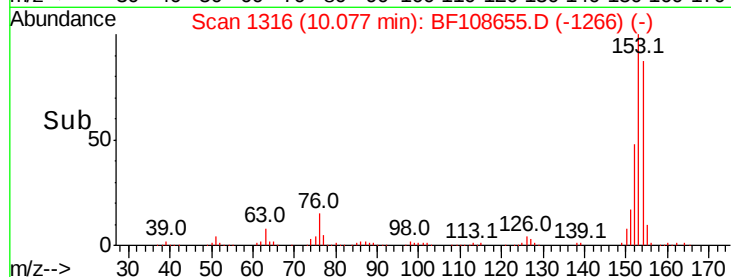
152 55.8 43.8 65.8



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: 25.287 ng

RT: 10.01 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF108655.D

Acq: 30 Aug 2018 22:06

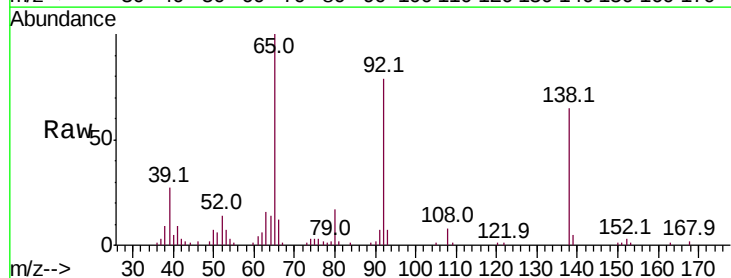
Tgt Ion:138 Resp: 63271

Ion Ratio Lower Upper

138 100

108 13.1 9.4 14.0

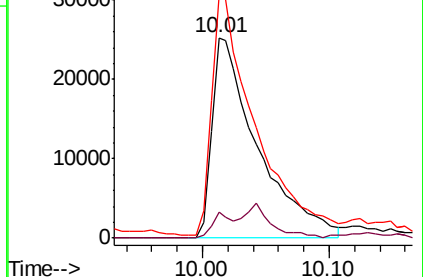
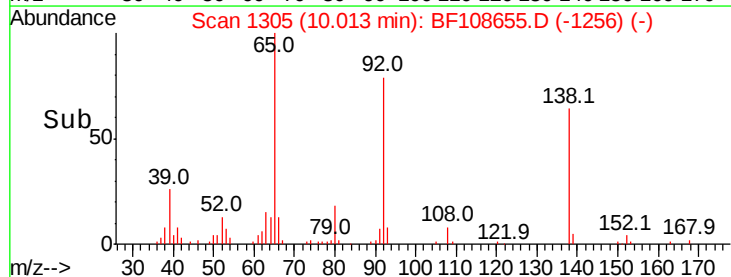
92 121.6 89.4 134.2

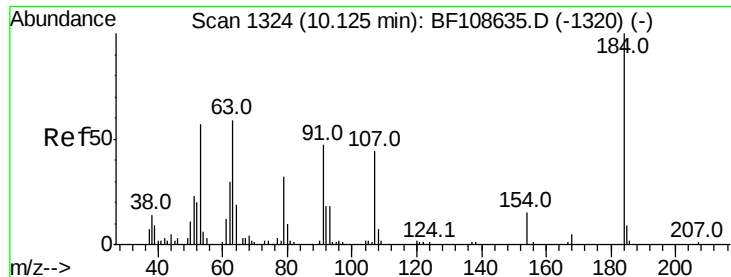


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

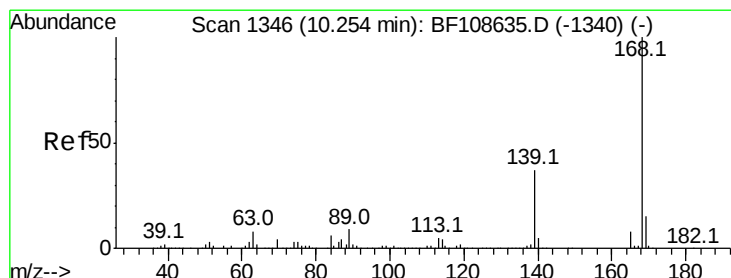
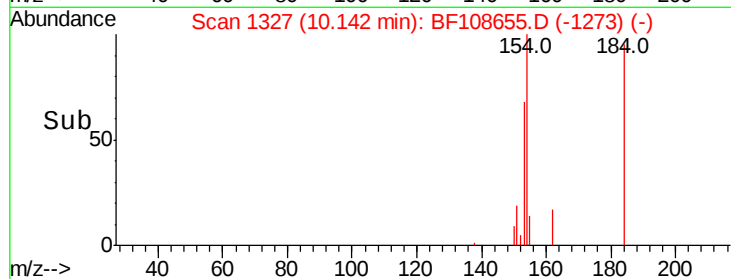
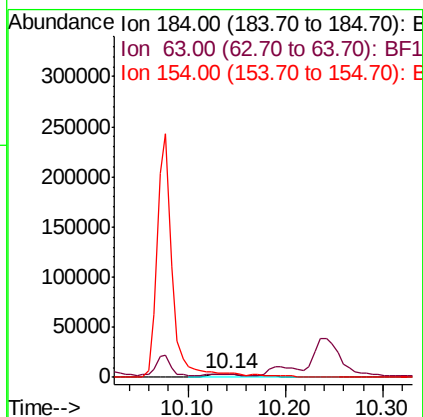
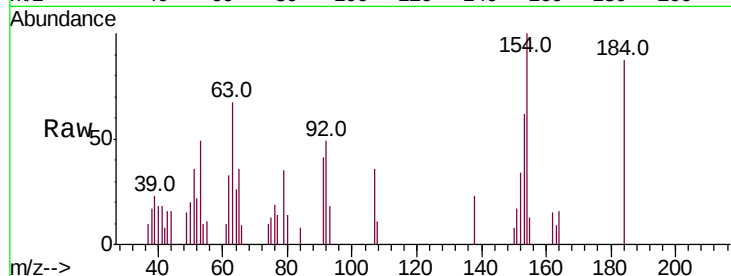




#53
 2,4-Dinitrophenol
 Concen: 15.181 ng
 RT: 10.14 min Scan# 1327
 Delta R.T. 0.02 min
 Lab File: BF108655.D
 Acq: 30 Aug 2018 22:06

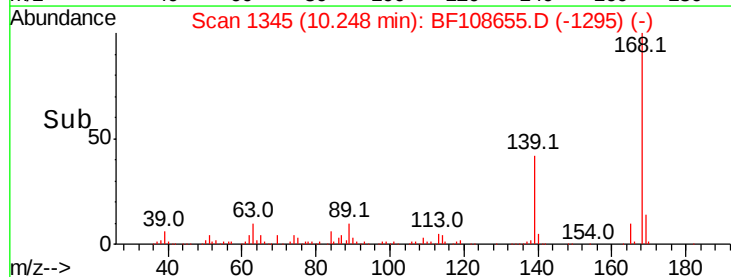
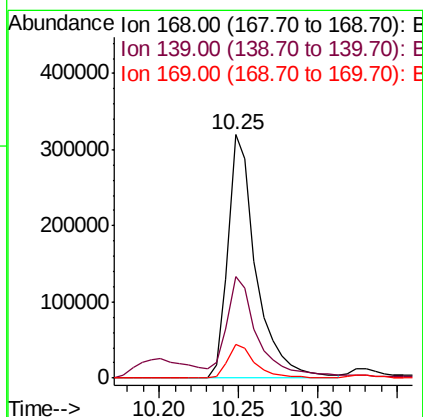
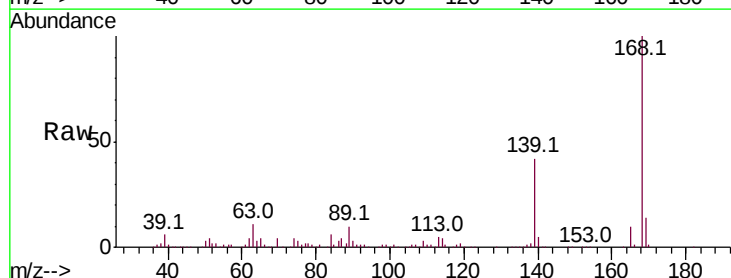
Instrument :
 BNA_F
 ClientSampleId :

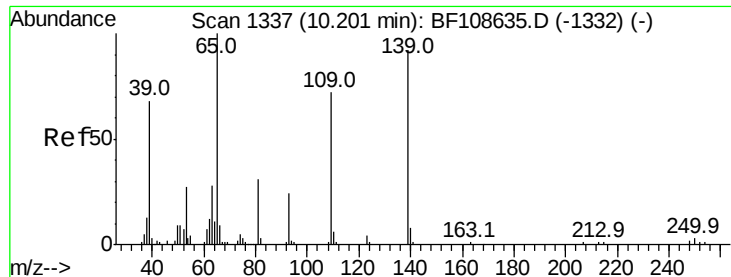
Tot Ion:184 Resp: 11940
 Ion Ratio Lower Upper
 184 100
 63 77.2 54.2 81.2
 154 114.5 184.0 276.0#



#54
 Dibenzofuran
 Concen: 31.662 ng
 RT: 10.25 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: BF108655.D
 Acq: 30 Aug 2018 22:06

Tgt Ion:168 Resp: 393861
 Ion Ratio Lower Upper
 168 100
 139 41.8 30.1 45.1
 169 13.9 10.9 16.3

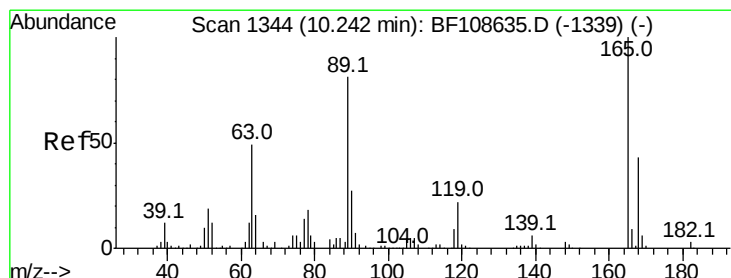
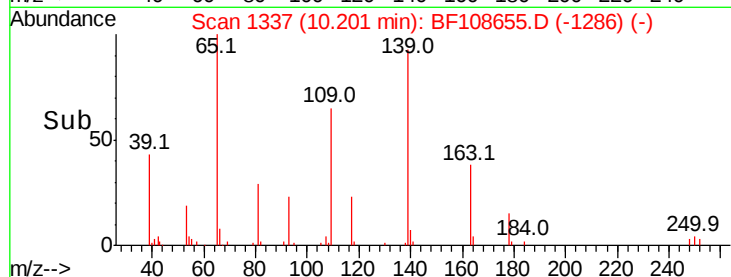
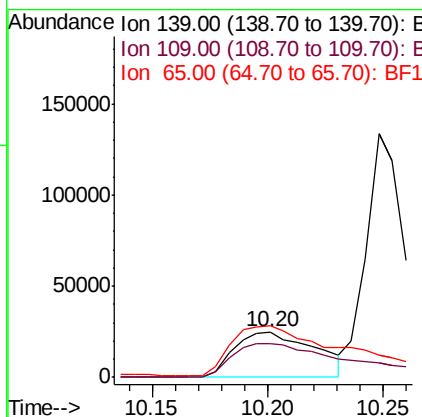
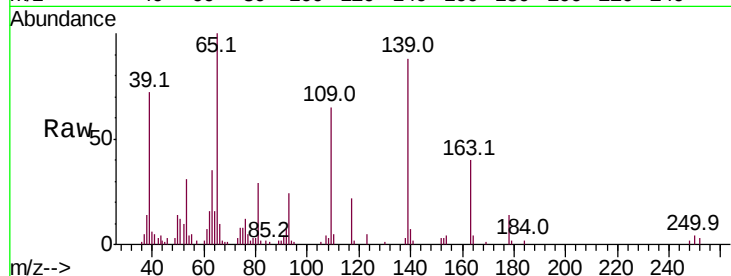




#55
4-Nitrophenol
Concen: 40.187 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

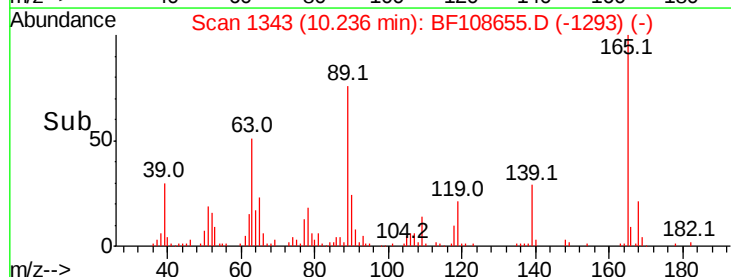
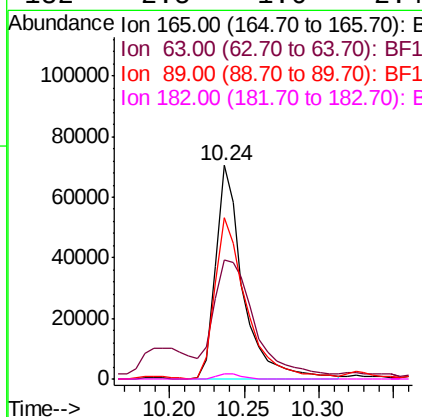
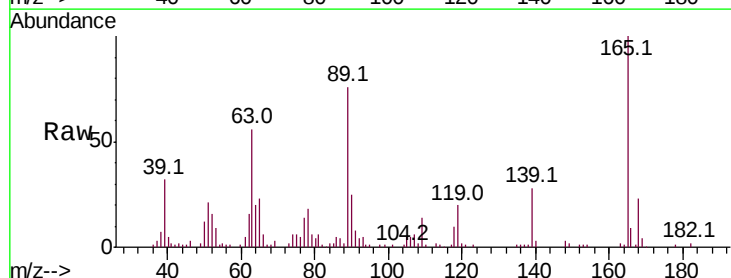
Instrument :
BNA_F
ClientSampleId :

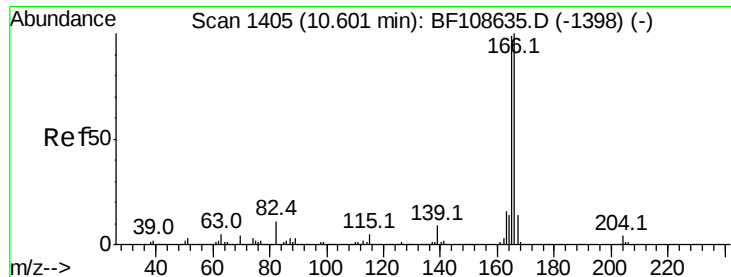
Tot Ion:139 Resp: 60130
Ion Ratio Lower Upper
139 100
109 74.0 48.4 88.4
65 113.3 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 29.549 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

Tgt Ion:165 Resp: 90495
Ion Ratio Lower Upper
165 100
63 55.6 36.4 54.6#
89 75.6 57.8 86.6
182 2.5 1.6 2.4#

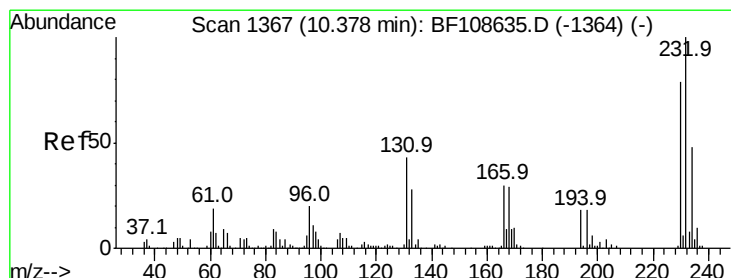
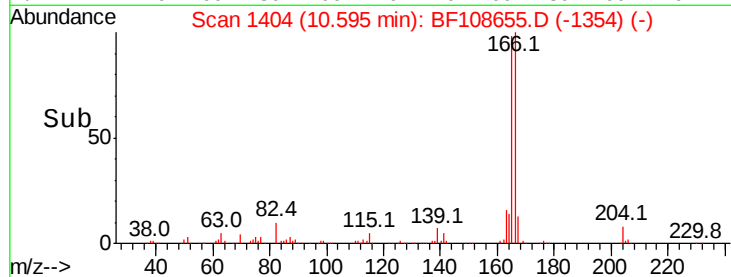
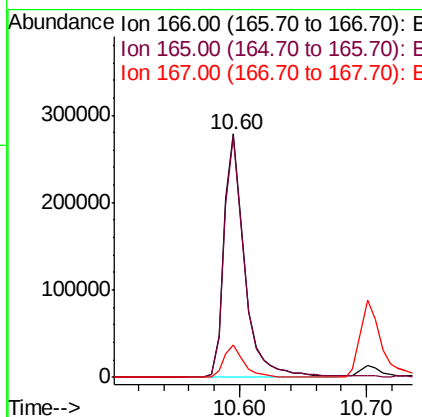
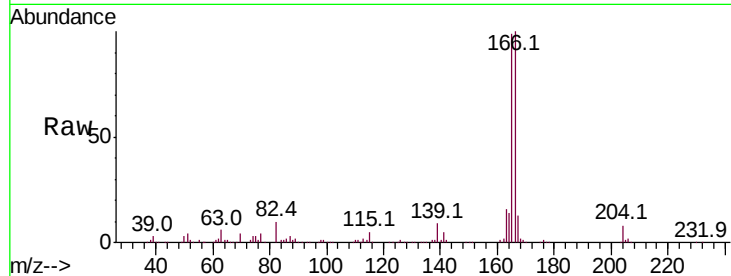




#57
 Fluorene
 Concen: 32.673 ng
 RT: 10.60 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF108655.D
 Acq: 30 Aug 2018 22:06

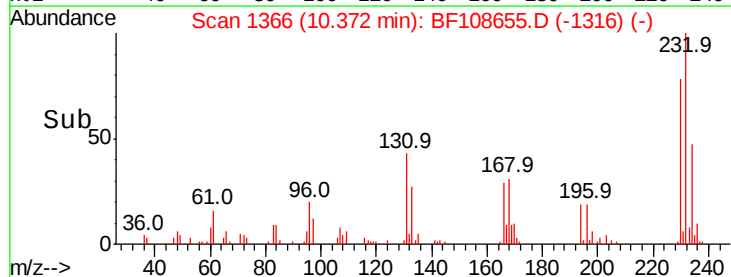
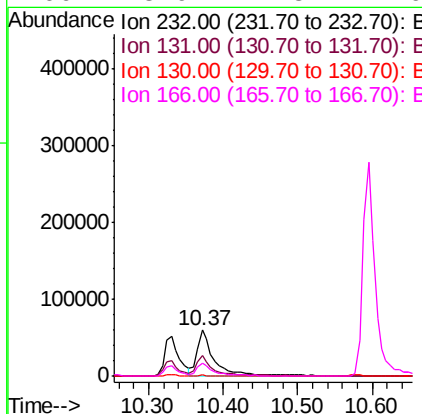
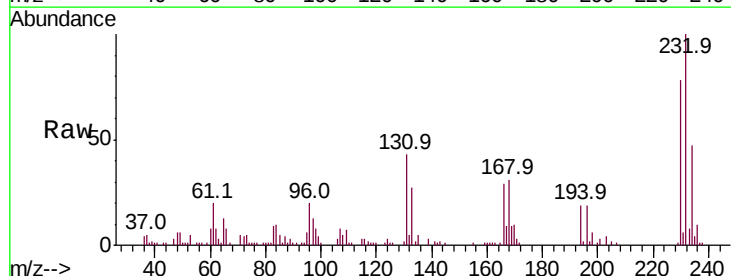
Instrument :
 BNA_F
 ClientSampleId :

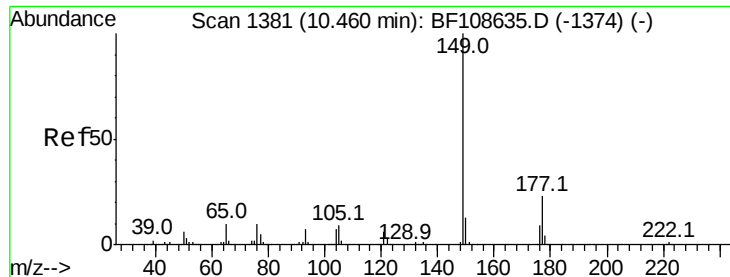
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.8	119.8
167	13.4	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.665 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: BF108655.D
 Acq: 30 Aug 2018 22:06

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.3	43.8	65.8#
130	1.7	2.1	3.1#
166	28.9	27.8	41.6

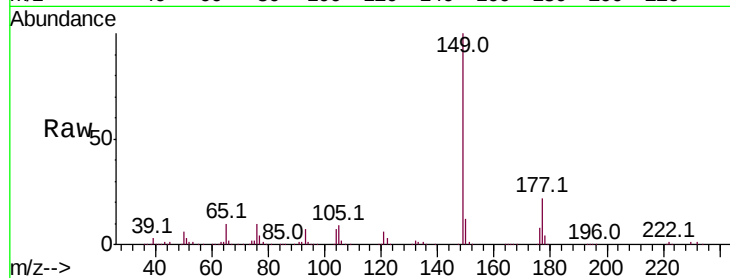




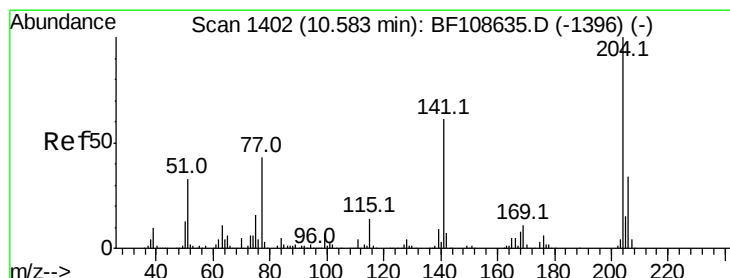
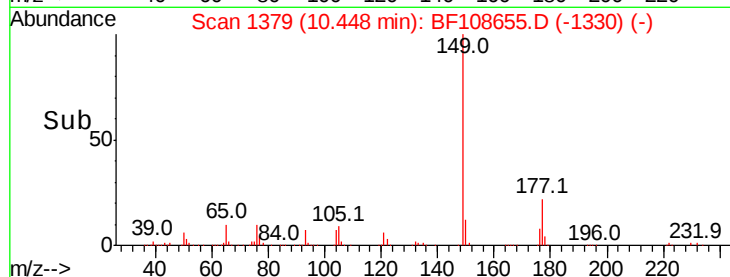
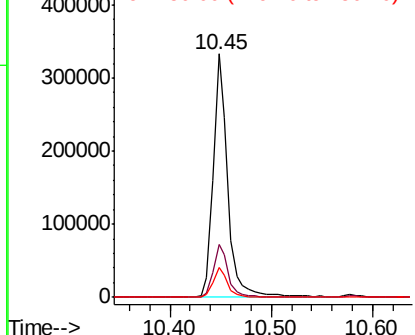
#59
Diethylphthalate
Concen: 31.528 ng
RT: 10.45 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 333313
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 12.1 10.1 15.1

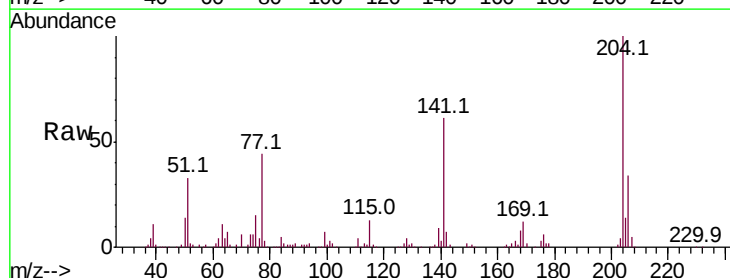


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

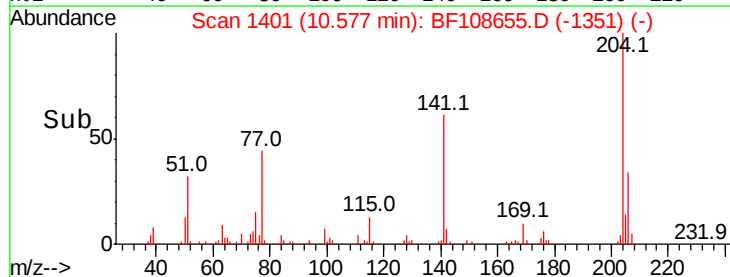
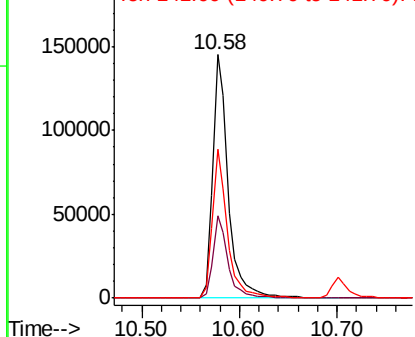


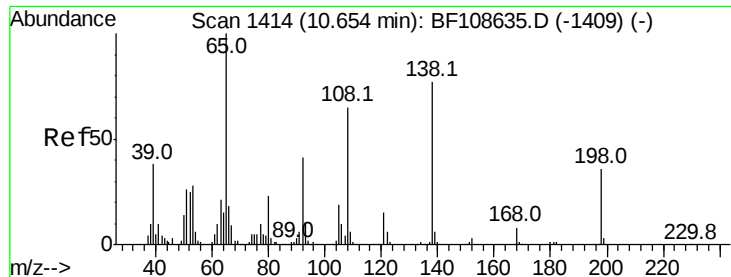
#60
4-Chlorophenyl-phenylether
Concen: 29.158 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

Tgt Ion:204 Resp: 159508
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 61.4 54.6 81.8



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

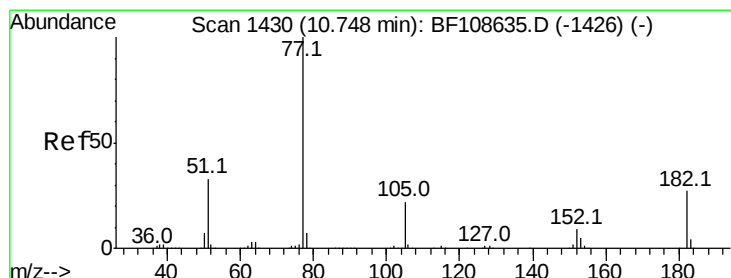
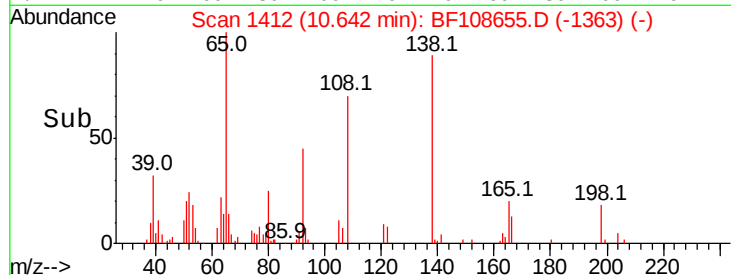
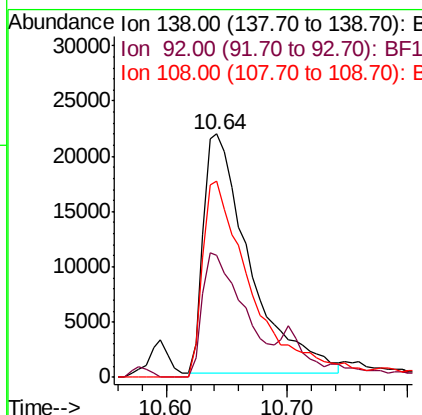
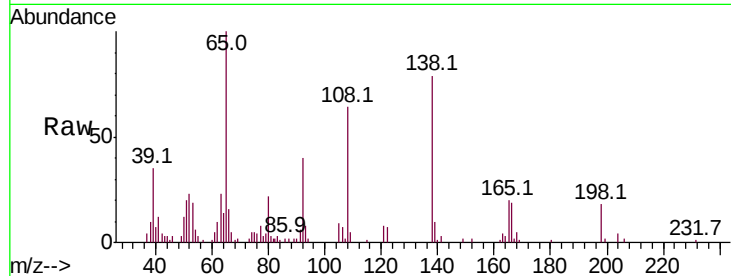




#61
4-Nitroaniline
Concen: 24.017 ng
RT: 10.64 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

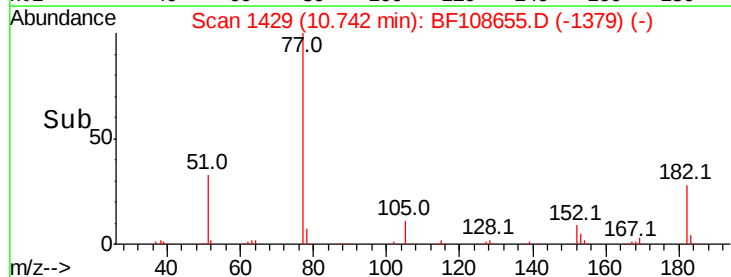
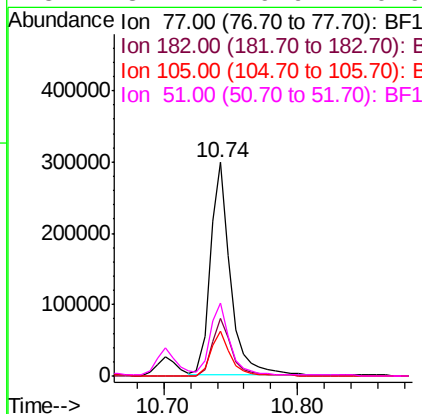
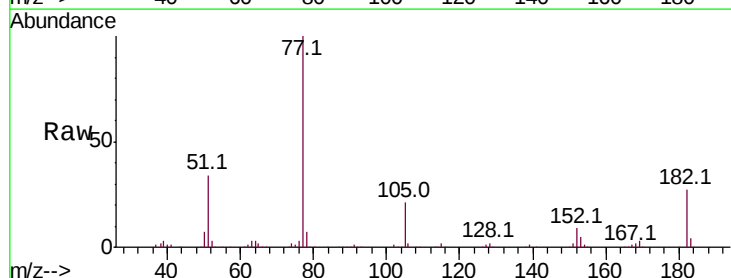
Instrument :
BNA_F
ClientSampled :

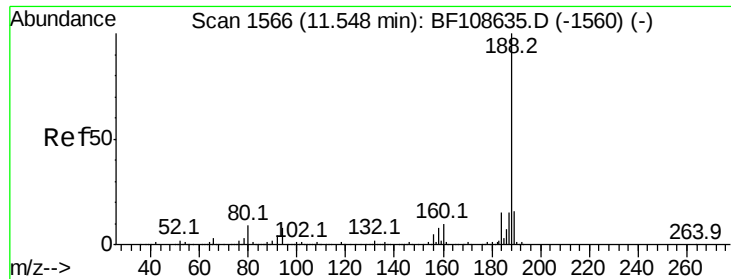
Tot Ion:138 Resp: 58152
Ion Ratio Lower Upper
138 100
92 50.2 30.2 70.2
108 80.5 52.5 92.5



#62
Azobenzene
Concen: 29.575 ng
RT: 10.74 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

Tgt Ion: 77 Resp: 310775
Ion Ratio Lower Upper
77 100
182 27.0 1.7 41.7
105 20.9 3.0 43.0
51 34.4 9.9 49.9

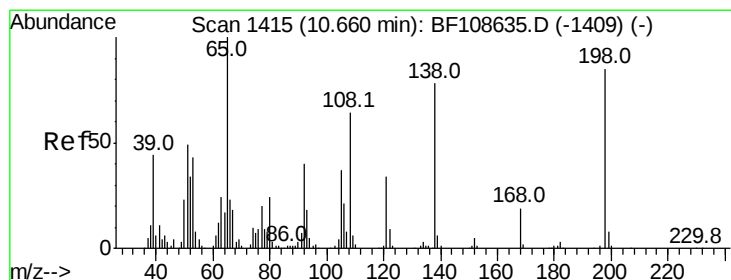
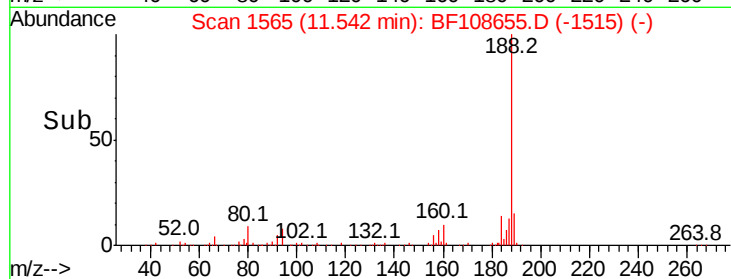
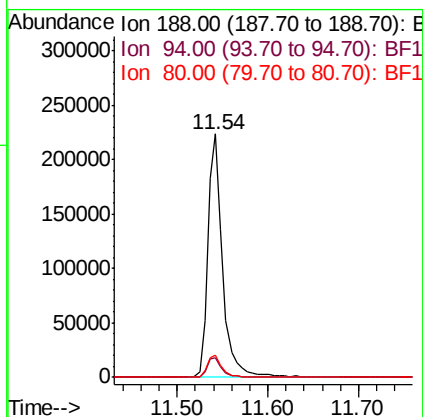
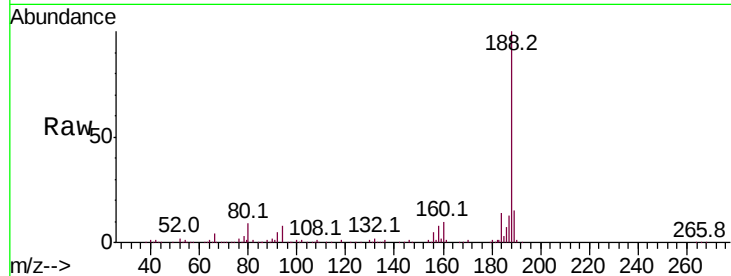




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

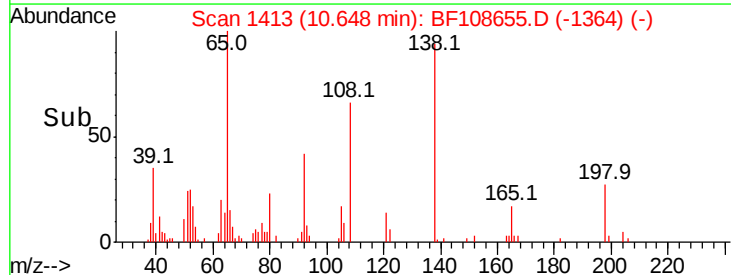
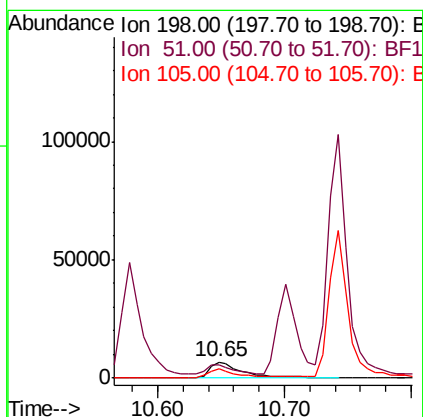
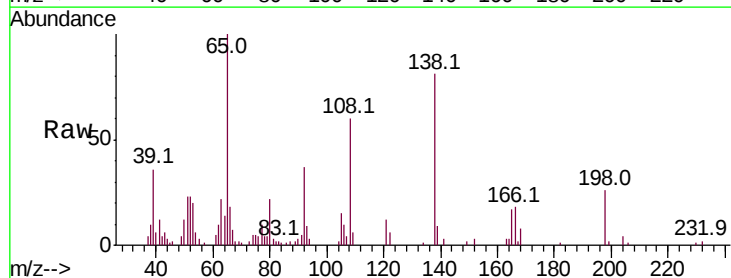
Instrument :
BNA_F
ClientSampled :

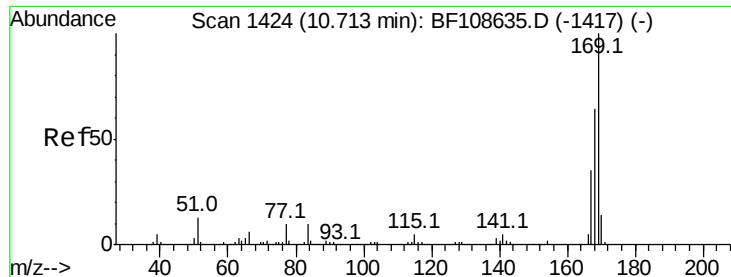
Tot Ion:188 Resp: 255543
Ion Ratio Lower Upper
188 100
94 8.2 8.5 12.7#
80 8.9 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 10.766 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

Tgt Ion:198 Resp: 12208
Ion Ratio Lower Upper
198 100
51 86.8 37.7 77.7#
105 56.6 36.3 76.3

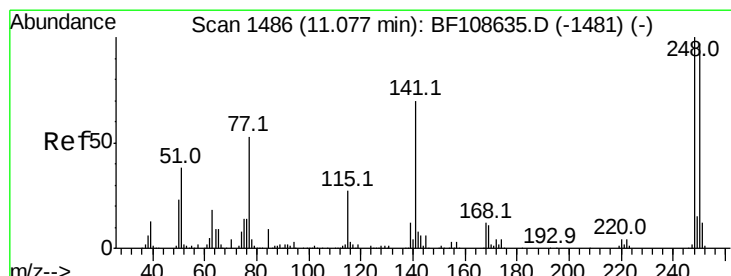
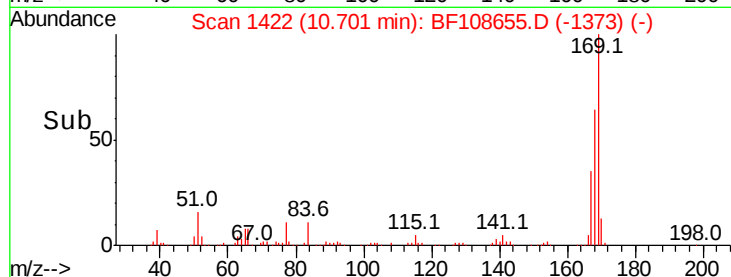
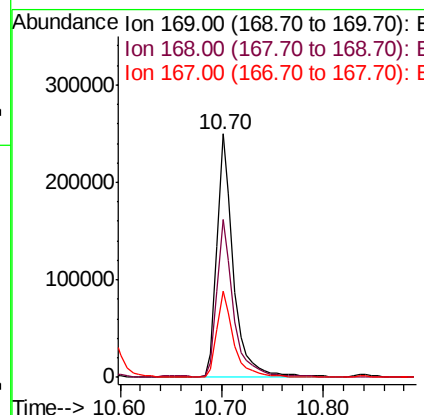
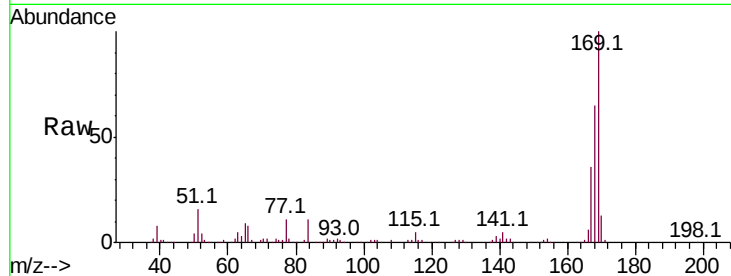




#65
 n-Nitrosodiphenylamine
 Concen: 33.524 ng
 RT: 10.70 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF108655.D
 Acq: 30 Aug 2018 22:06

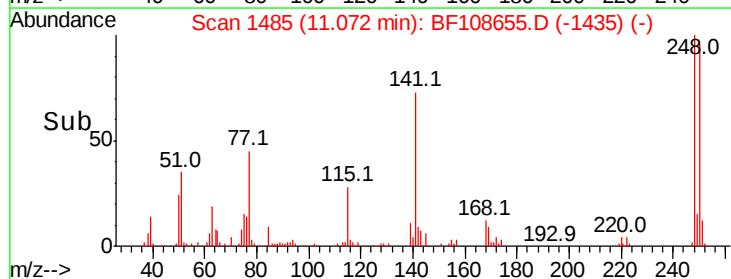
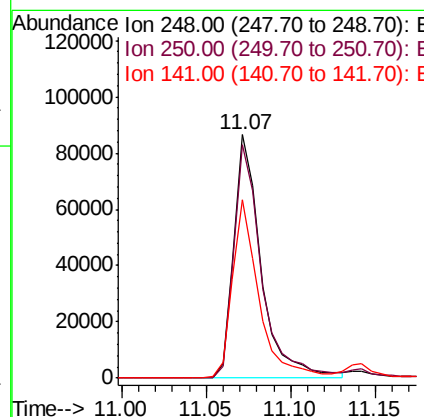
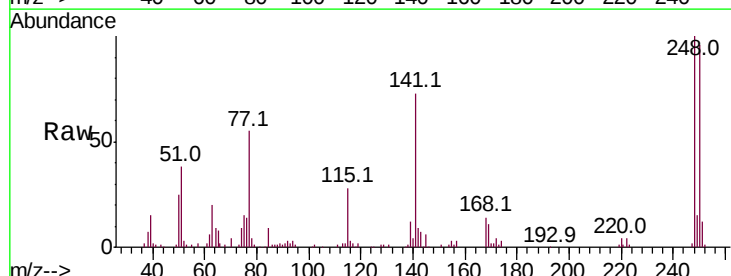
Instrument :
 BNA_F
 ClientSampleId :

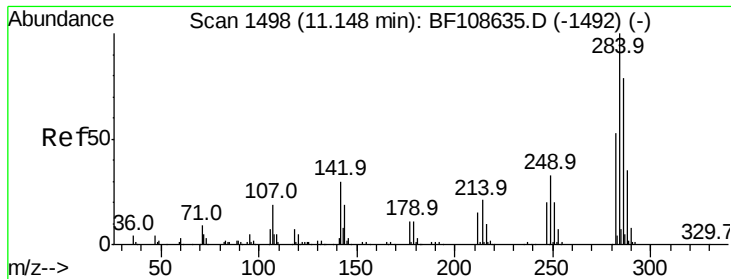
Tot Ion:169 Resp: 284624
 Ion Ratio Lower Upper
 169 100
 168 64.9 54.4 81.6
 167 35.6 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 31.090 ng
 RT: 11.07 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BF108655.D
 Acq: 30 Aug 2018 22:06

Tgt Ion:248 Resp: 97643
 Ion Ratio Lower Upper
 248 100
 250 96.0 76.9 115.3
 141 73.2 74.4 111.6#

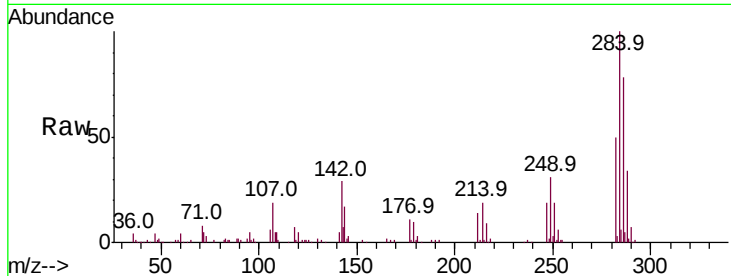




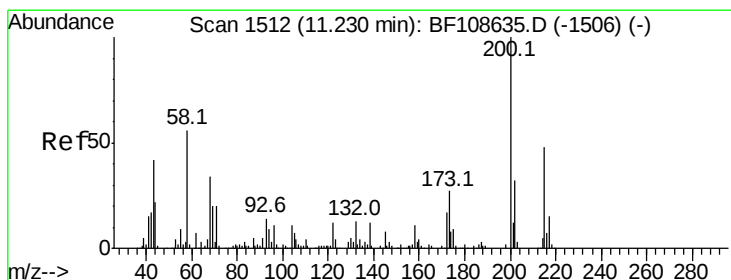
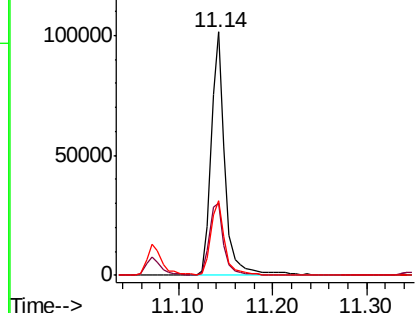
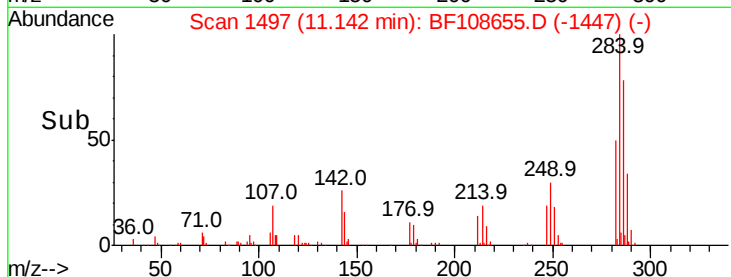
#67
Hexachlorobenzene
Concen: 31.053 ng
RT: 11.14 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.4	34.6	52.0#
249	30.9	24.8	37.2

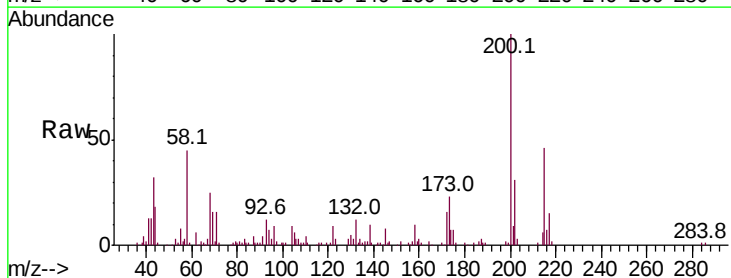


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

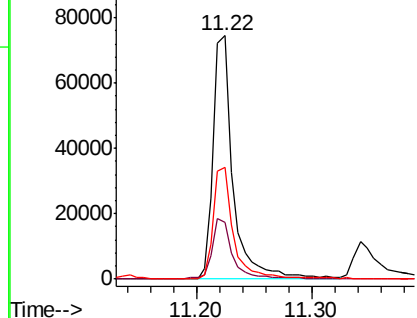
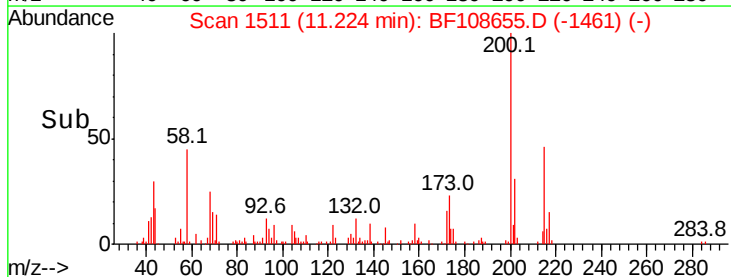


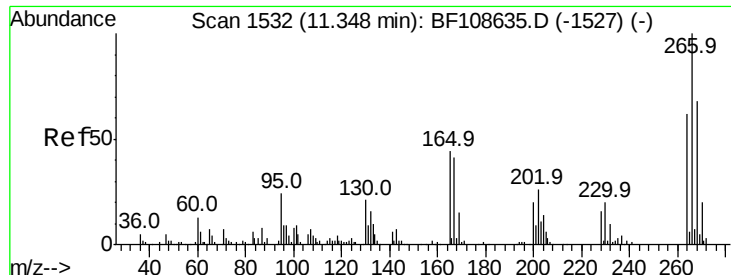
#68
Atrazine
Concen: 35.144 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.2	8.6	48.6
215	46.1	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

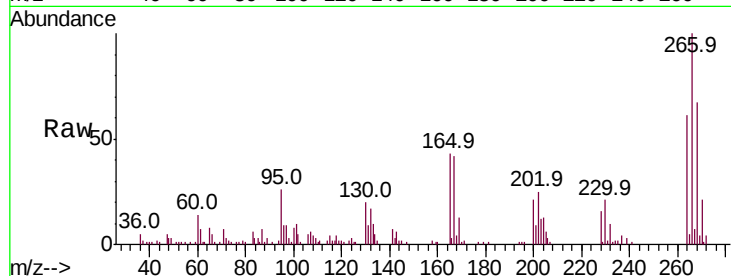




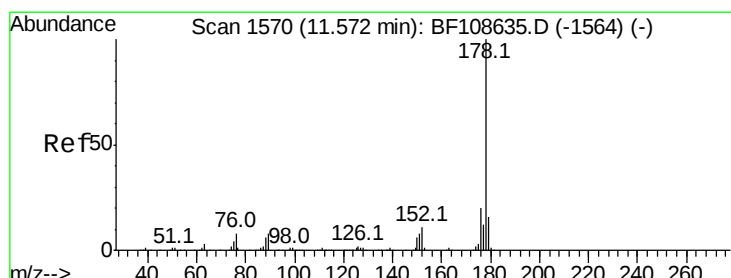
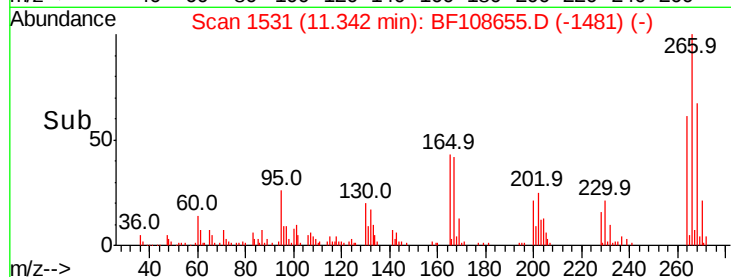
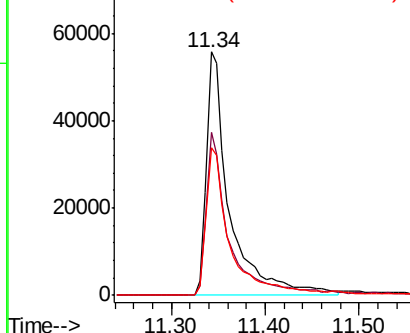
#69
 Pentachlorophenol
 Concen: 53.838 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108655.D
 Acq: 30 Aug 2018 22:06

Instrument :
 BNA_F
 ClientSampleId :

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

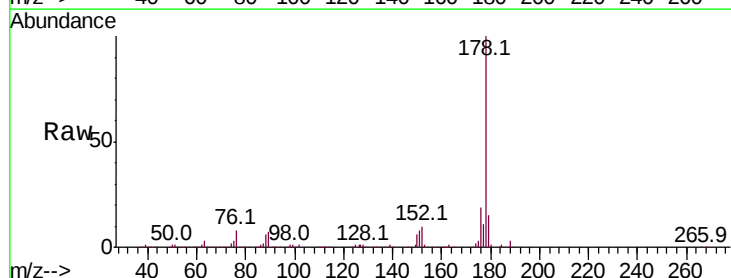


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

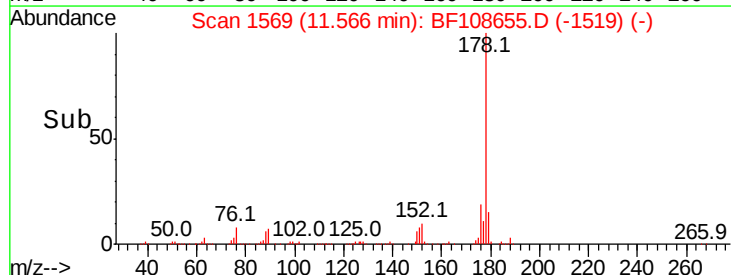
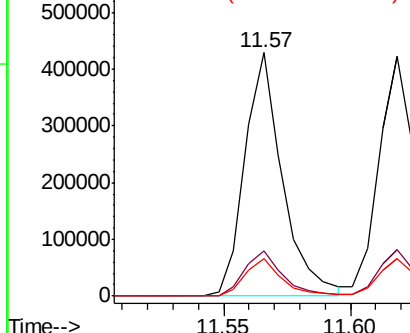


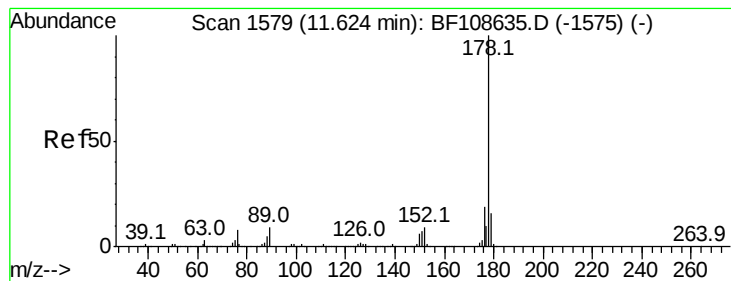
#70
 Phenanthrene
 Concen: 34.409 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108655.D
 Acq: 30 Aug 2018 22:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.3	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: 36.111 ng

RT: 11.62 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF108655.D

Acq: 30 Aug 2018 22:06

Instrument :

BNA_F

ClientSampleId :

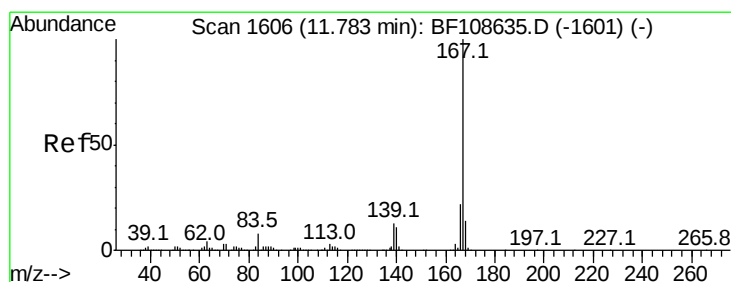
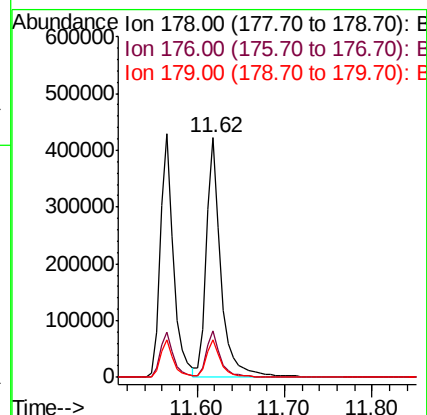
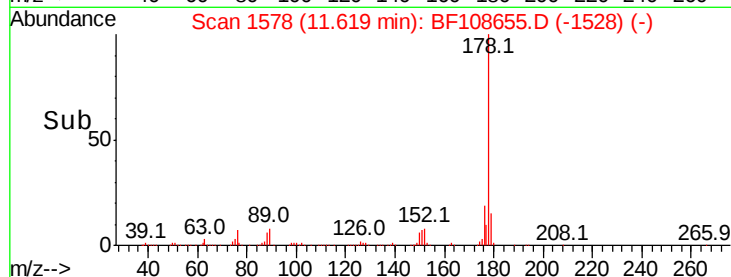
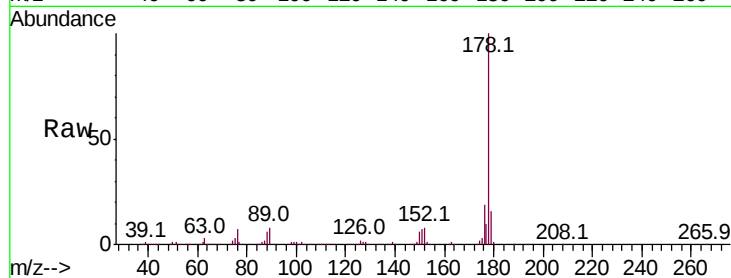
Tot Ion:178 Resp: 489405

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.6 12.6 19.0



#72

Carbazole

Concen: 33.477 ng

RT: 11.78 min Scan# 1605

Delta R.T. -0.01 min

Lab File: BF108655.D

Acq: 30 Aug 2018 22:06

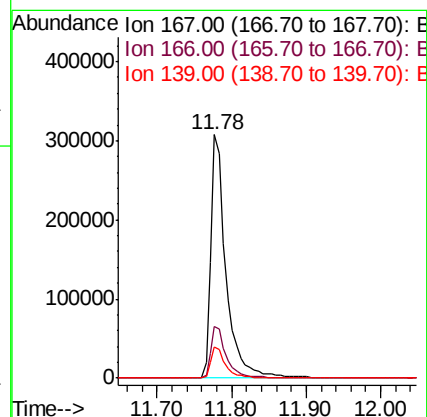
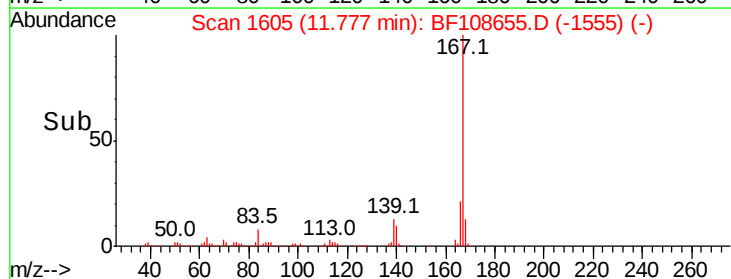
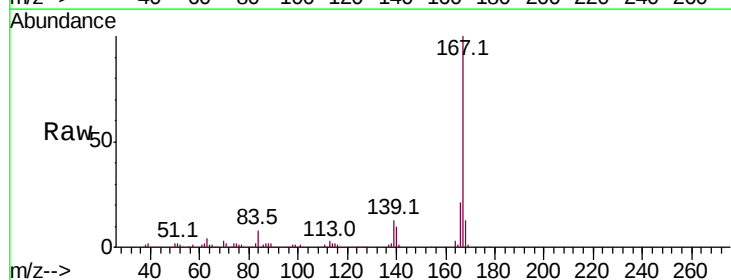
Tgt Ion:167 Resp: 438704

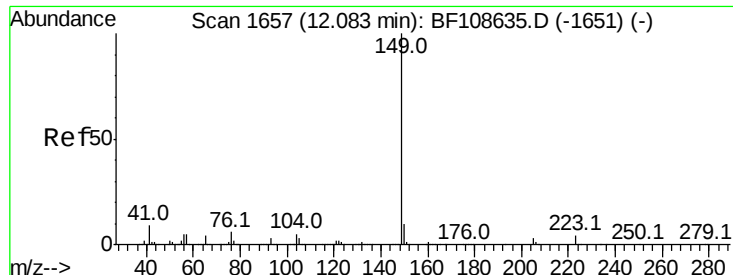
Ion Ratio Lower Upper

167 100

166 21.2 17.6 26.4

139 12.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 33.178 ng

RT: 12.08 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BF108655.D

Acq: 30 Aug 2018 22:06

Instrument :

BNA_F

ClientSampleId :

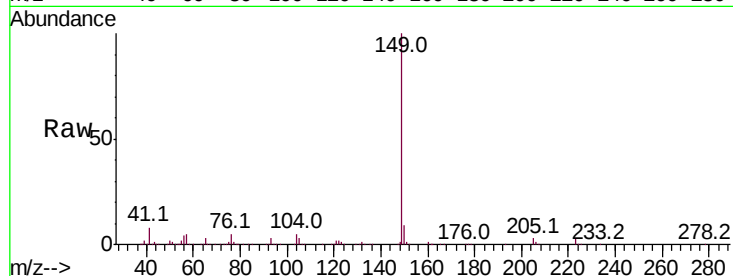
Tot Ion:149 Resp: 500234

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

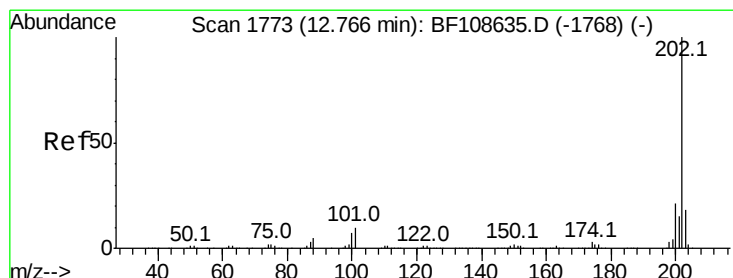
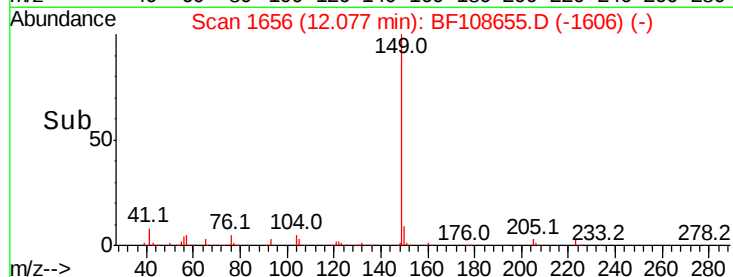
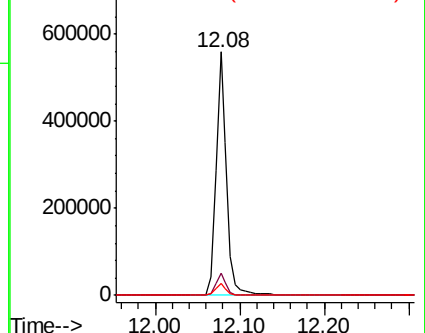
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.066 ng

RT: 12.76 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF108655.D

Acq: 30 Aug 2018 22:06

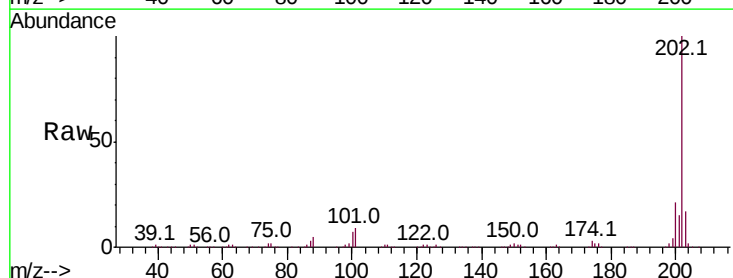
Tgt Ion:202 Resp: 552667

Ion Ratio Lower Upper

202 100

101 9.5 0.0 34.1

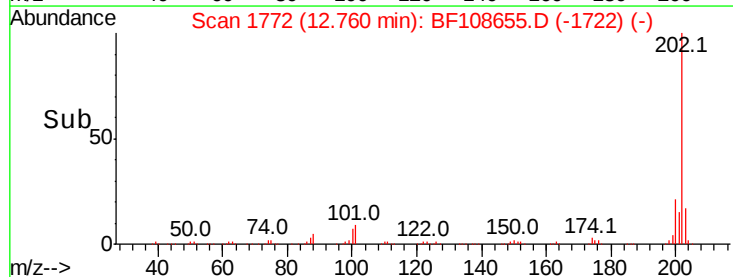
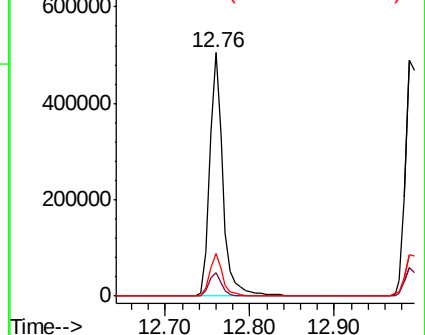
203 17.4 0.0 38.1

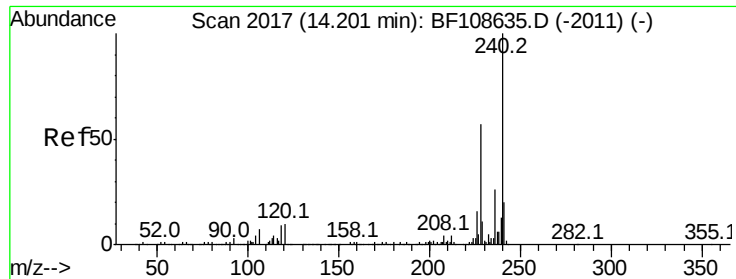


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108655.D

Acq: 30 Aug 2018 22:06

Instrument :

BNA_F

ClientSampleId :

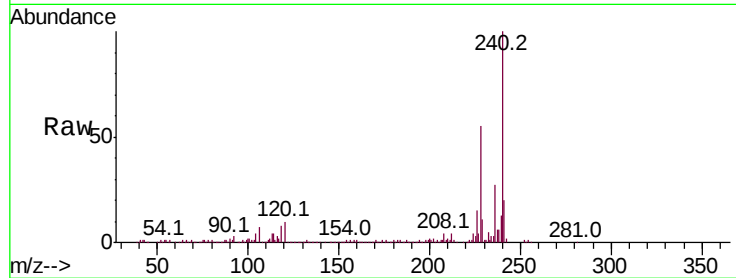
Tot Ion:240 Resp: 266100

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

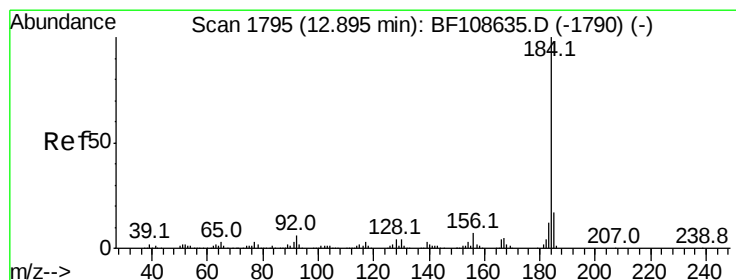
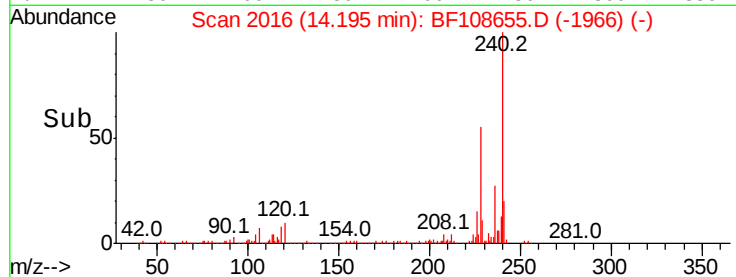
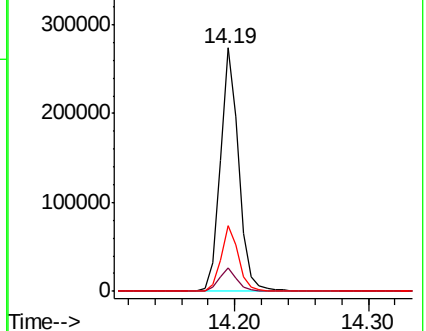
236 26.9 20.7 31.1



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: 45.036 ng

RT: 12.89 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF108655.D

Acq: 30 Aug 2018 22:06

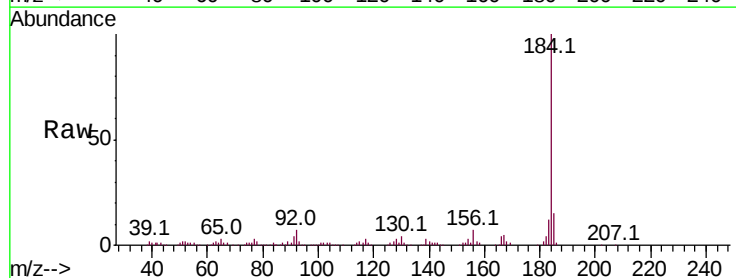
Tgt Ion:184 Resp: 337334

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

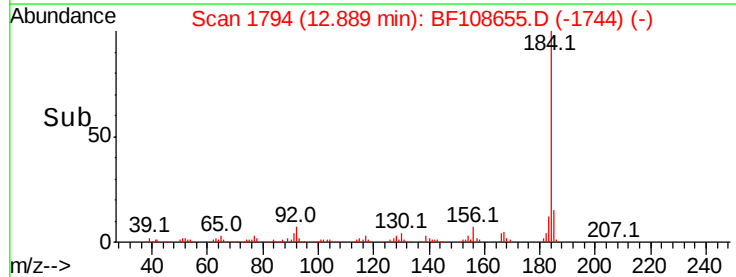
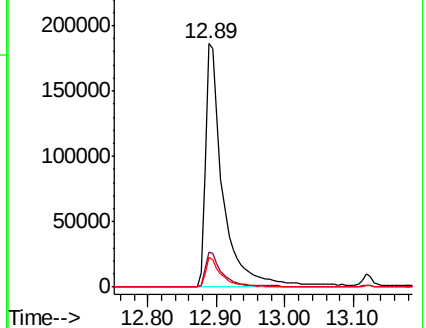
183 12.2 9.3 13.9

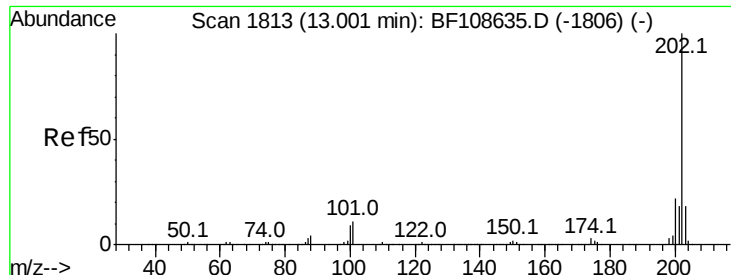


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

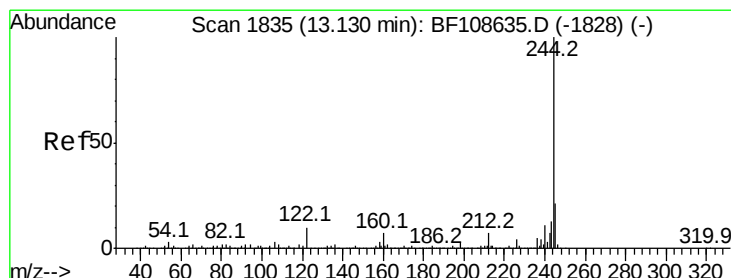
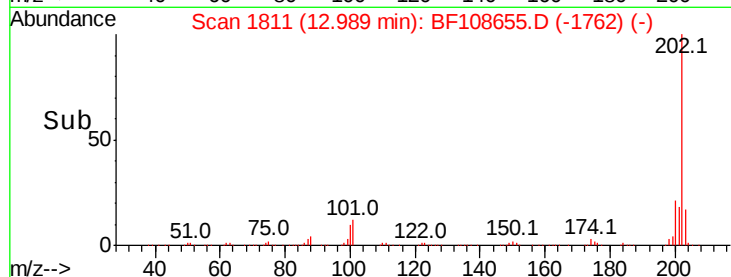
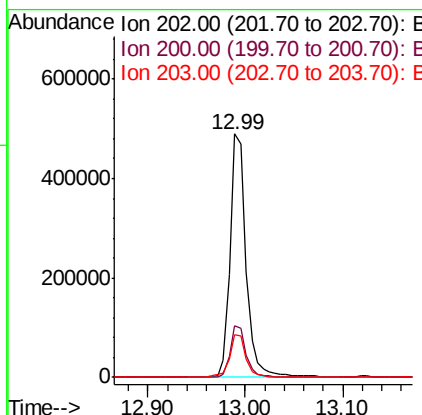
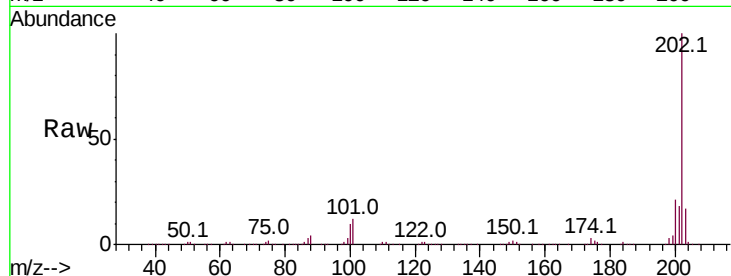




#77
Pvrene
Concen: 27.835 ng
RT: 12.99 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

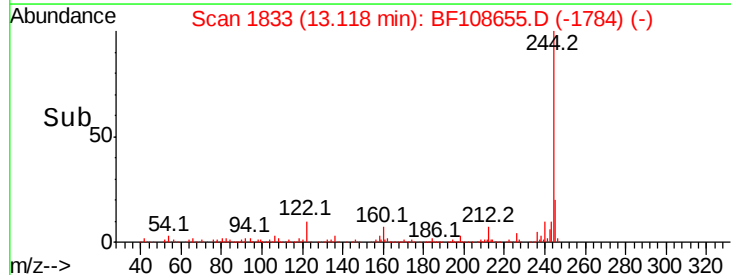
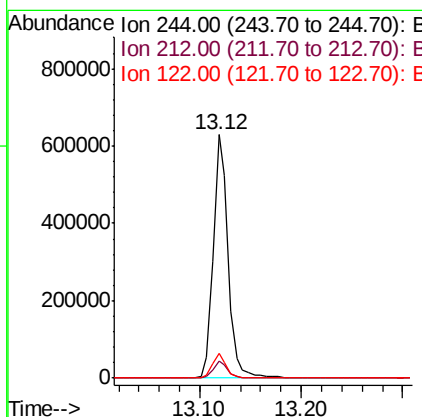
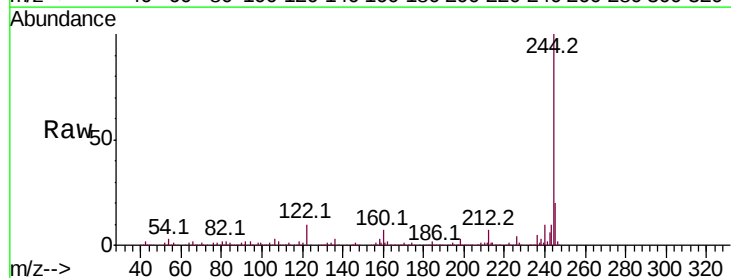
Instrument :
BNA_F
ClientSampleId :

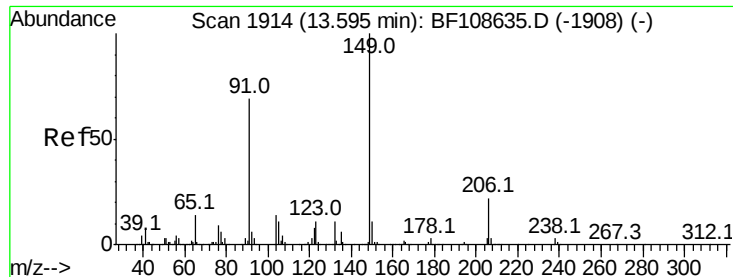
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.3	14.3	21.5



#78
Terphenyl-d14
Concen: 46.686 ng
RT: 13.12 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	9.9	11.0	16.4

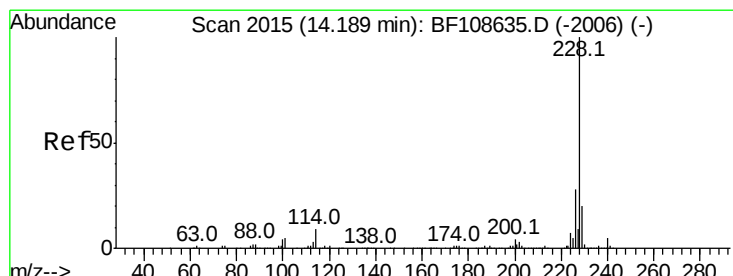
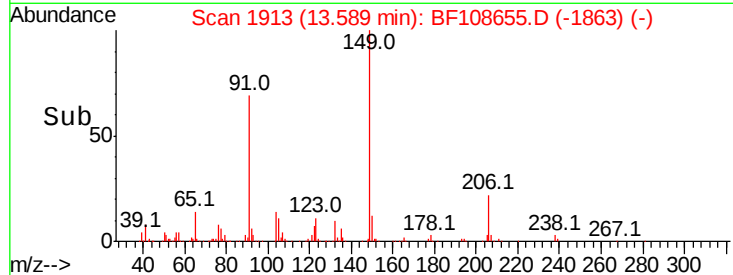
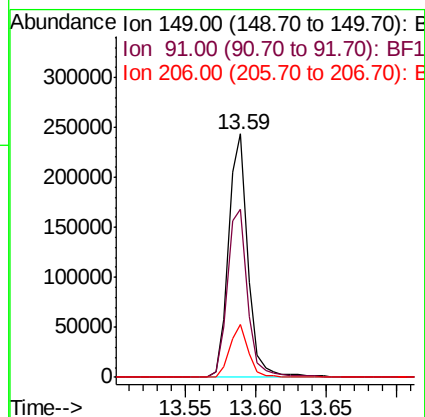
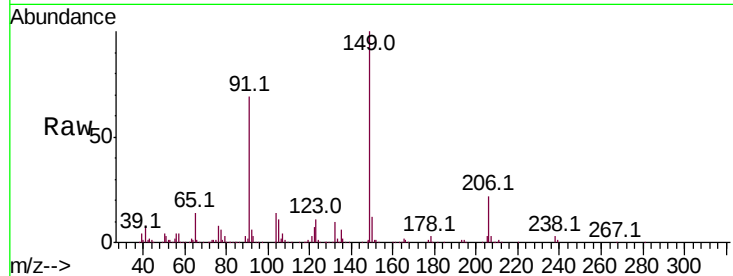




#79
 Butylbenzylphthalate
 Concen: 27.742 ng
 RT: 13.59 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF108655.D
 Acq: 30 Aug 2018 22:06

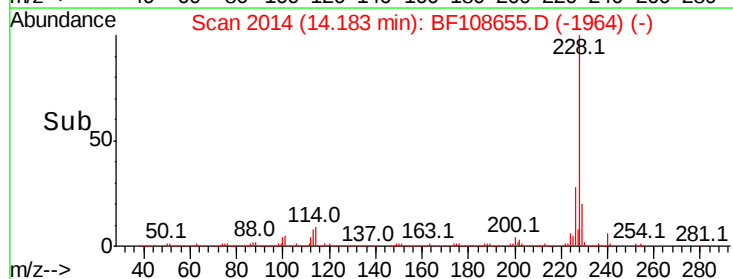
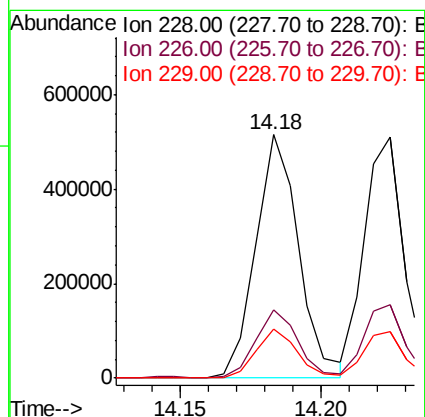
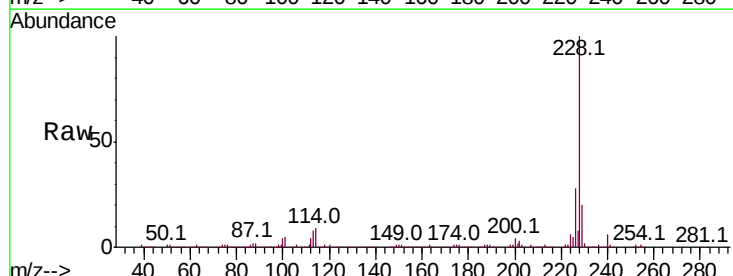
Instrument :
 BNA_F
 ClientSampleId :

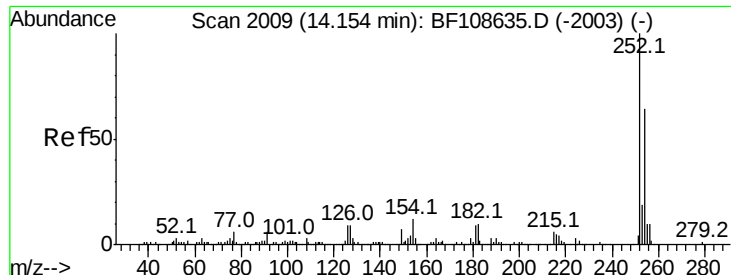
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.9	56.8	85.2
206	21.7	14.1	21.1#



#80
 Benzo(a)anthracene
 Concen: 33.544 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF108655.D
 Acq: 30 Aug 2018 22:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.4	15.8	23.6

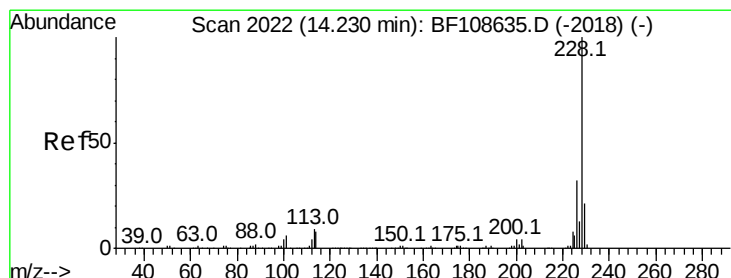
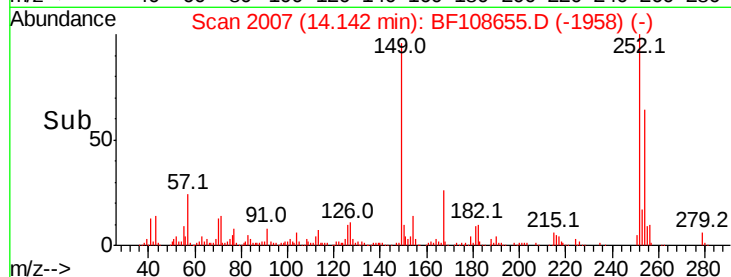
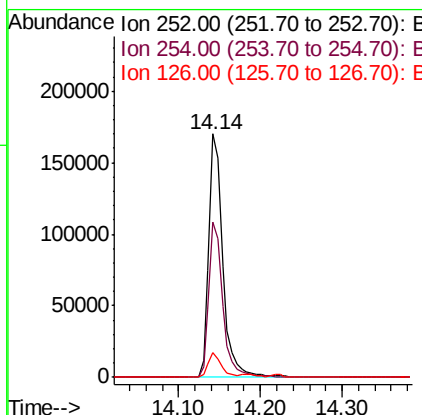
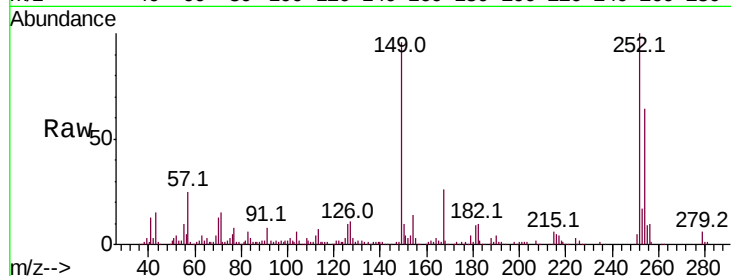




#81
 3,3'-Dichlorobenzidine
 Concen: 34.444 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108655.D
 Acq: 30 Aug 2018 22:06

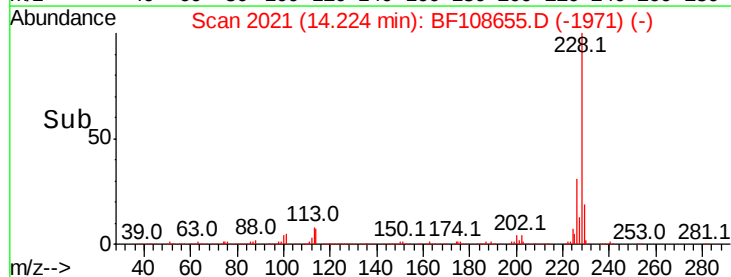
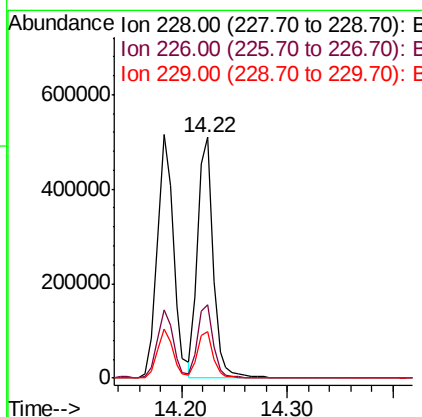
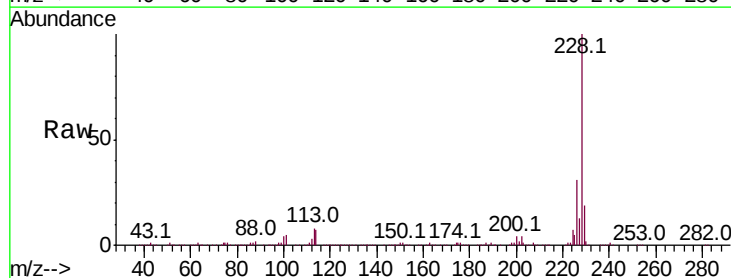
Instrument :
 BNA_F
 ClientSampleId :

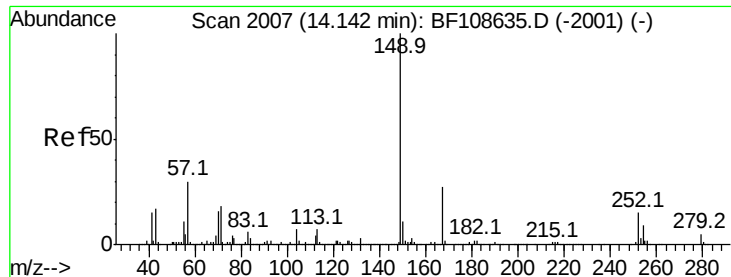
Tot Ion:252 Resp: 202633
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.4 75.6
 126 10.4 11.3 16.9#



#82
 Chrysene
 Concen: 32.915 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108655.D
 Acq: 30 Aug 2018 22:06

Tgt Ion:228 Resp: 513486
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.6
 229 19.3 16.2 24.4

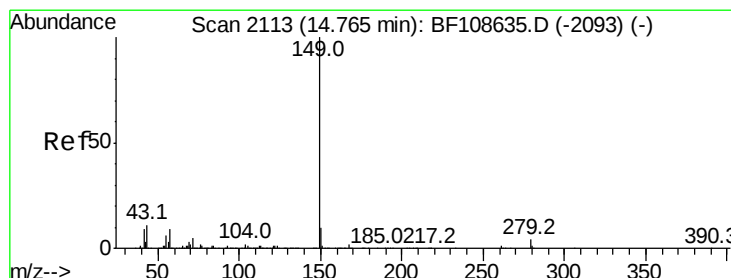
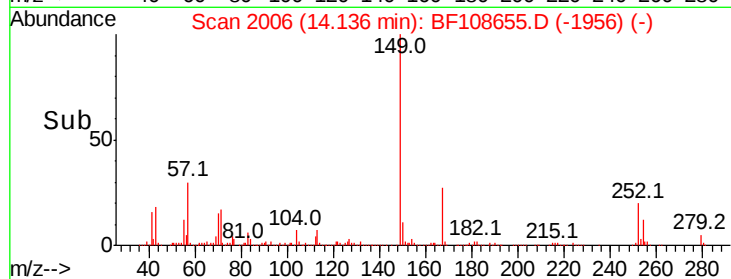
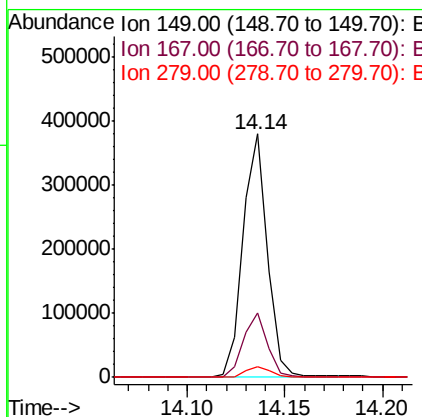
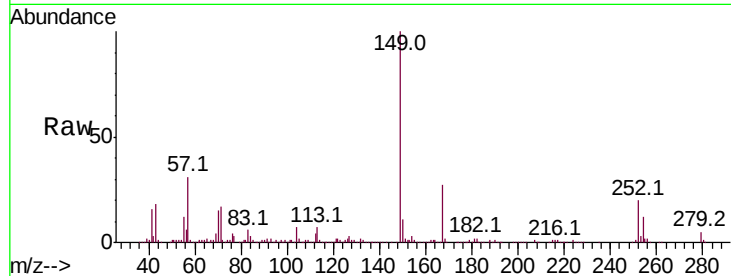




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.494 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF108655.D
 Acq: 30 Aug 2018 22:06

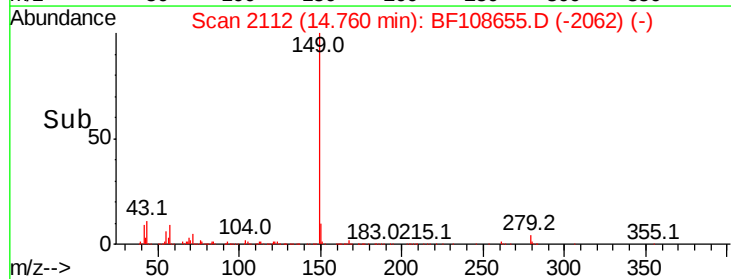
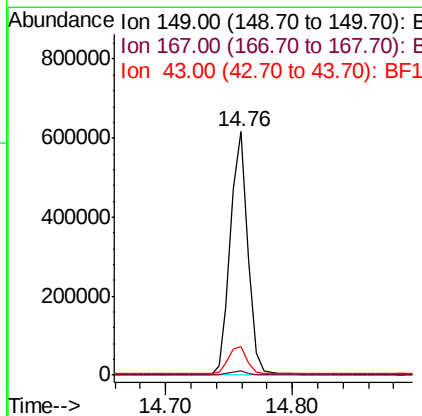
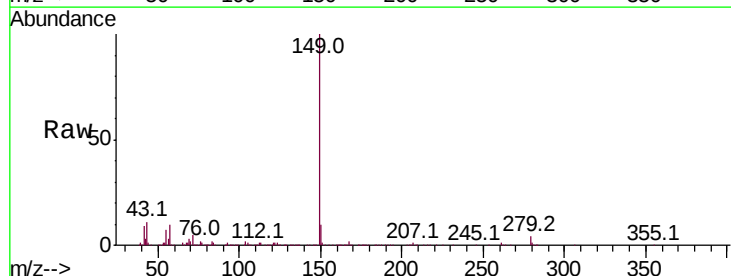
Instrument :
 BNA_F
 ClientSampleId :

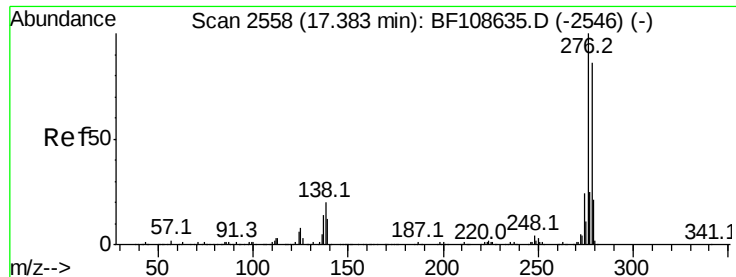
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	4.6	3.0	4.4#



#84
 Di-n-octyl phthalate
 Concen: 36.774 ng
 RT: 14.76 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BF108655.D
 Acq: 30 Aug 2018 22:06

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

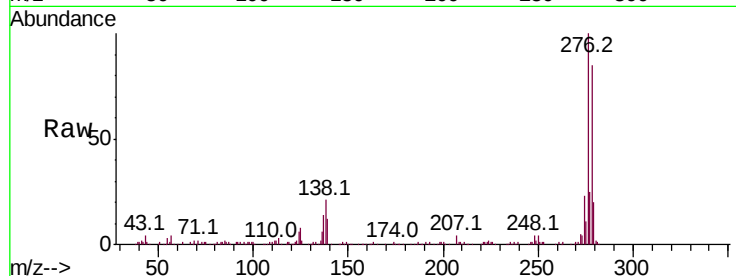




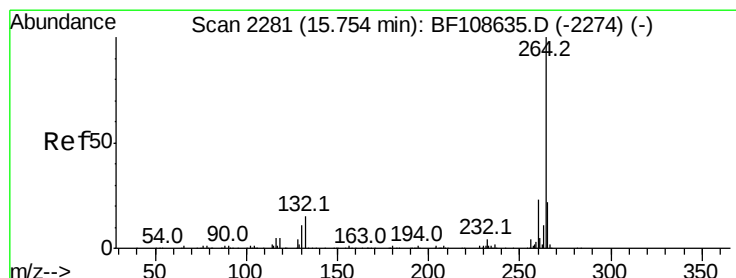
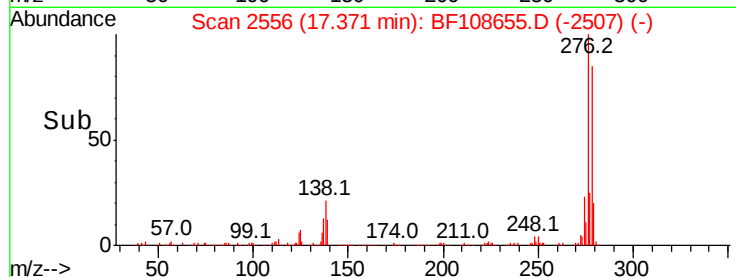
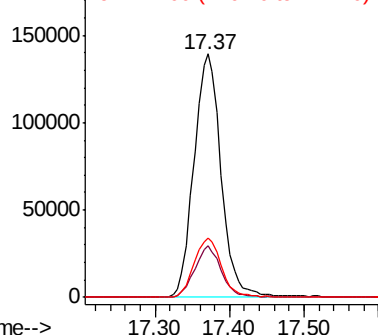
#85
Indeno(1,2,3-cd)pyrene
Concen: 32.588 ng
RT: 17.37 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	25.0	37.6#
277	24.9	20.1	30.1

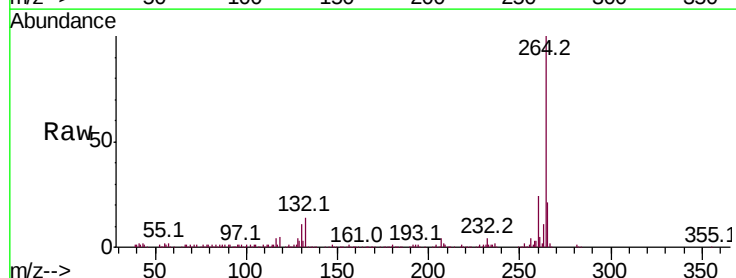


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

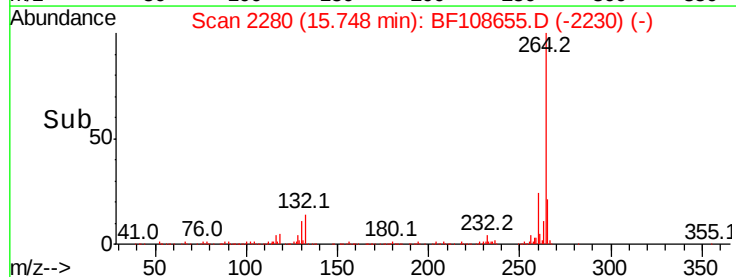
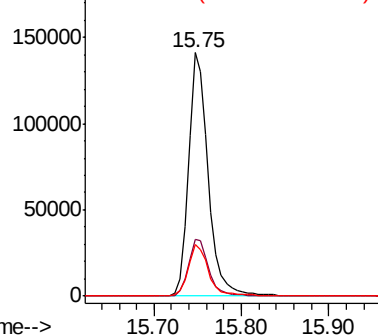


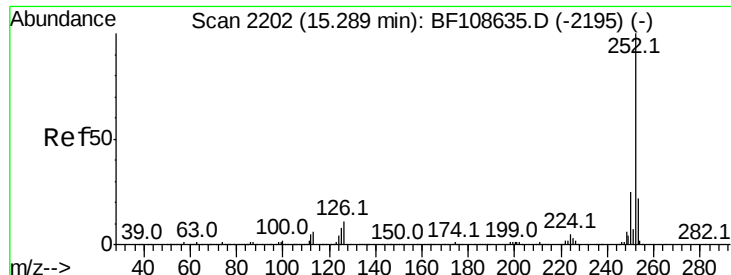
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.5	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

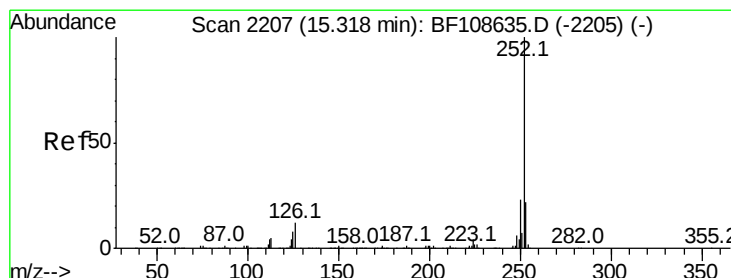
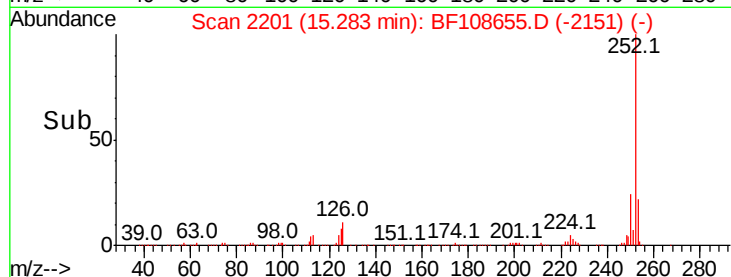
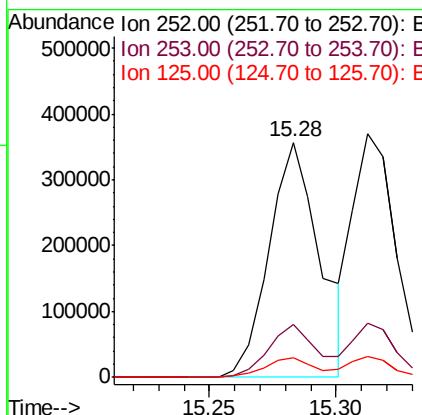
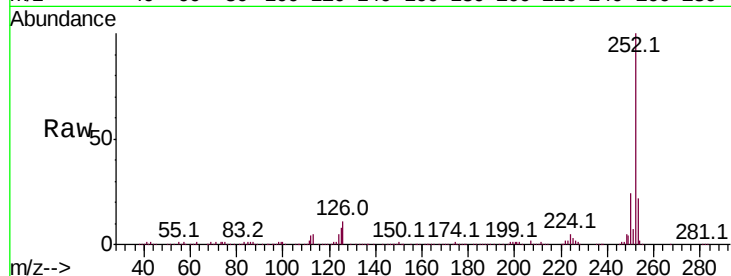




#87
Benzo(b)fluoranthene
Concen: 36.861 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

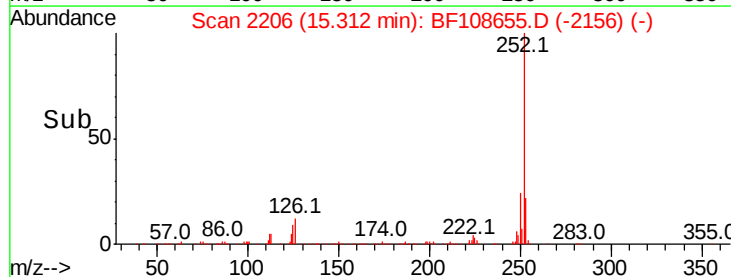
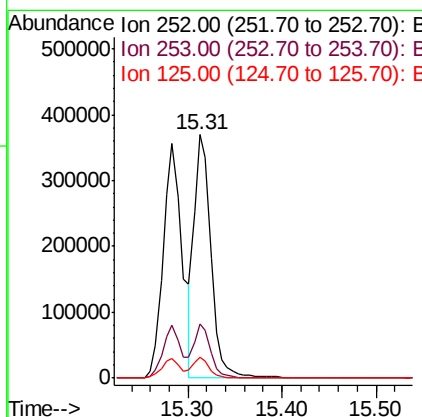
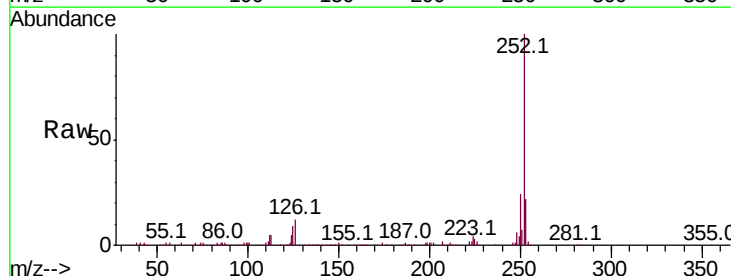
Instrument :
BNA_F
ClientSampleId :

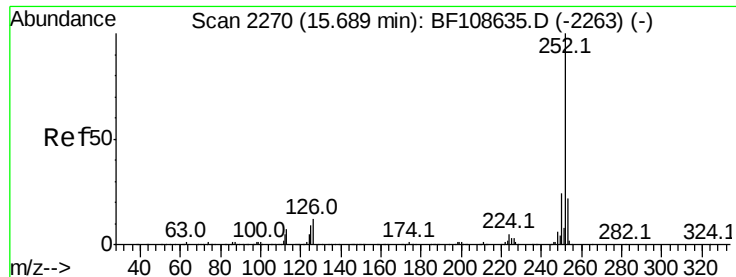
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	8.3	9.0	13.6#



#88
Benzo(k)fluoranthene
Concen: 34.041 ng
RT: 15.31 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	8.8	10.2	15.2#

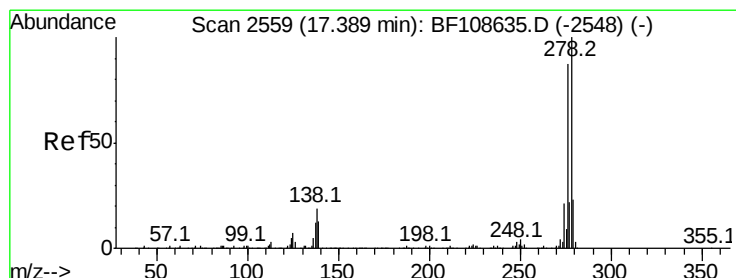
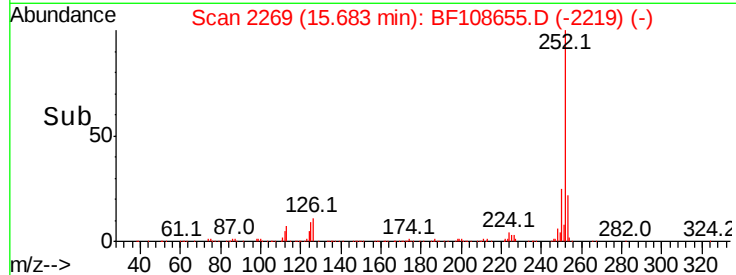
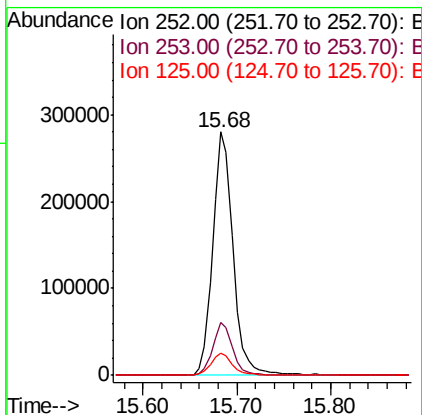
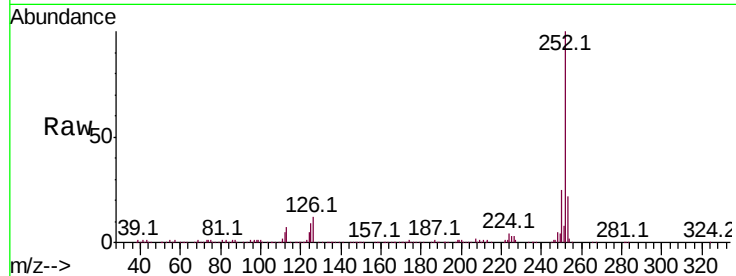




#89
Benzo(a)pyrene
Concen: 34.872 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

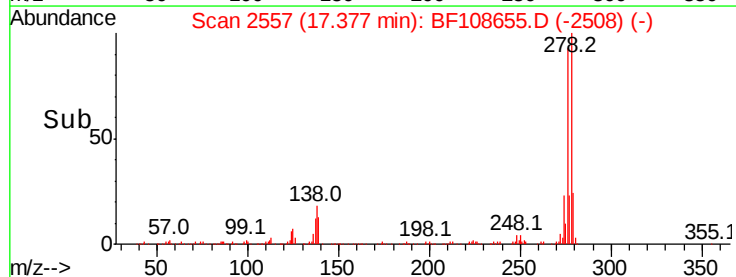
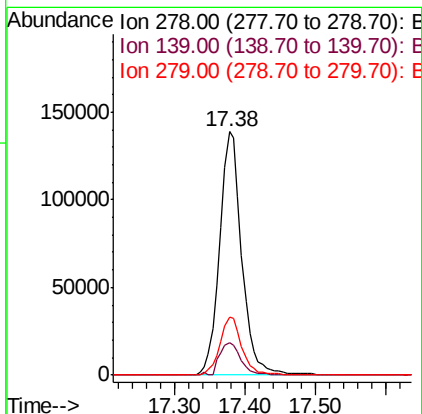
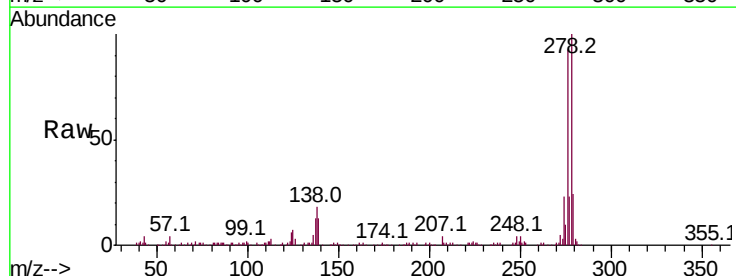
Instrument :
BNA_F
ClientSampleId :

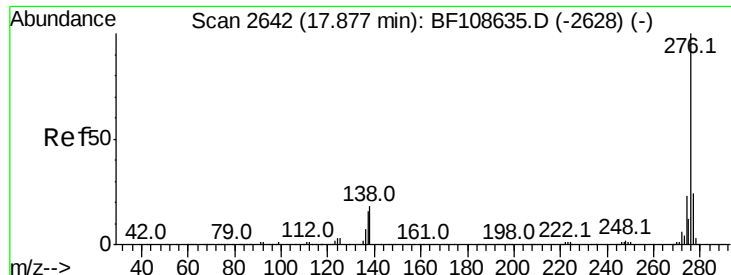
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	9.1	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 31.107 ng
RT: 17.38 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF108655.D
Acq: 30 Aug 2018 22:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.1	15.9	23.9
279	23.6	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 29.112 ng

RT: 17.87 min Scan# 2640

Delta R.T. -0.01 min

Lab File: BF108655.D

Acq: 30 Aug 2018 22:06

Instrument :

BNA_F

ClientSampleId :

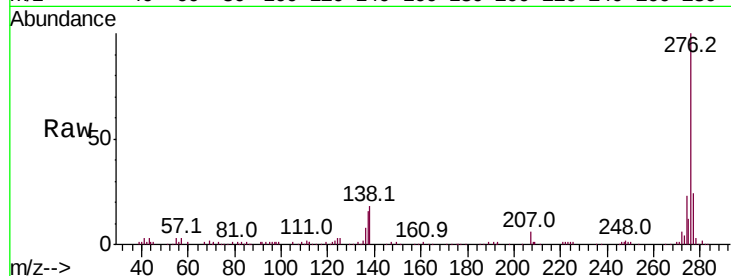
Tot Ion:276 Resp: 276116

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 17.5 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

