

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110256.D
 Acq On : 29 Oct 2018 12:25
 Operator : JU/SJ
 Sample : J5703-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 29 12:58:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 12:32:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	86600	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	306822	20.00	ng	0.01
39) Acenaphthene-d10	10.05	164	120266	20.00	ng	0.03
64) Phenanthrene-d10	11.53	188	187182	20.00	ng	0.02
76) Chrysene-d12	14.16	240	206889	20.00	ng	0.00
87) Perylene-d12	15.69	264	182953	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	580759	109.21	ng	0.00
7) Phenol-d6	6.59	99	730189	107.35	ng	0.00
23) Nitrobenzene-d5	7.53	82	444142	85.86	ng	0.00
42) 2,4,6-Tribromophenol	10.84	330	98590	82.76	ng	0.03
45) 2-Fluorobiphenyl	9.35	172	609188	79.54	ng	0.02
79) Terphenyl-d14	13.10	244	521368	52.41	ng	0.01

Target Compounds

						Qvalue
10) Phenol	6.60	94	45994	6.326	ng	# 66
15) Benzyl Alcohol	7.13	79	17554	3.355	ng	# 47
18) Hexachloroethane	7.50	117	142481	57.030	ng	# 1
19) n-Nitroso-di-n-propylamine	7.40	70	59081	13.539	ng	# 67
22) Acetophenone	7.36	105	19197	2.715	ng	# 5
24) Nitrobenzene	7.54	77	16546	3.098	ng	# 42
25) Isophorone	7.79	82	157391	17.849	ng	# 1
26) 2-Nitrophenol	7.87	139	14400	5.666	ng	# 1
27) 2,4-Dimethylphenol	7.92	122	22659	5.378	ng	# 11
29) 2,4-Dichlorophenol	8.11	162	32477	7.629	ng	# 29
31) Naphthalene	8.29	128	47635	3.369	ng	# 1
32) Benzoic acid	8.05	122	15374	4.721	ng	# 28
35) Caprolactam	8.72	113	19021	12.820	ng	# 1
36) 4-Chloro-3-methylphenol	8.80	107	15402	3.346	ng	# 36
37) 2-Methylnaphthalene	9.09	142	914877	97.783	ng	# 89
38) 1-Methylnaphthalene	9.09	142	914877	101.186	ng	# 98
43) 2,4,6-Trichlorophenol	9.26	196	9053	3.746	ng	# 12
46) 1,1'-Biphenyl	9.45	154	265583	24.420	ng	# 98
48) 2-Nitroaniline	9.57	65	5483	2.268	ng	# 62
49) Acenaphthylene	9.91	152	79139	6.868	ng	# 1
50) Dimethylphthalate	9.74	163	70919	7.988	ng	# 77
51) 2,6-Dinitrotoluene	9.80	165	14094	7.370	ng	# 71
52) Acenaphthene	10.08	154	193330	25.363	ng	# 61
53) 3-Nitroaniline	9.99	138	14258	6.270	ng	# 35
54) 2,4-Dinitrophenol	10.23	184	3962	10.058	ng	# 1
55) Dibenzofuran	10.25	168	110685	10.371	ng	# 1
56) 4-Nitrophenol	10.15	139	138347	82.198	ng	# 61
57) 2,4-Dinitrotoluene	10.25	165	67412	27.753	ng	# 53
58) Fluorene	10.60	166	326029	41.047	ng	# 87
62) 4-Nitroaniline	10.46	138	12751	5.638	ng	# 87
63) Azobenzene	10.74	77	63561	7.389	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.61	198	3173	3.710	ng	# 1
66) n-Nitrosodiphenylamine	10.68	169	254708	41.486	ng	# 76
69) Atrazine	11.23	200	7709	3.973	ng	# 6

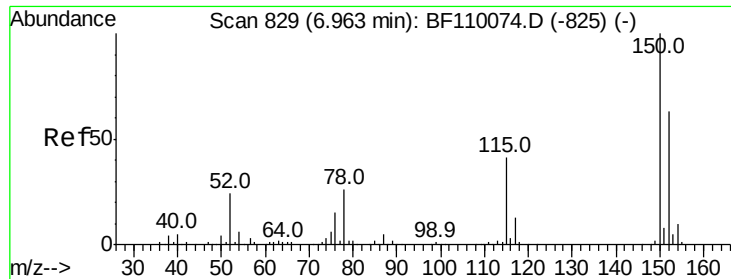
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110256.D
Acq On : 29 Oct 2018 12:25
Operator : JU/SJ
Sample : J5703-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 29 12:58:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 12:32:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Phenanthrene	11.57	178	1171362	119.597	ng	# 95
72) Anthracene	11.62	178	122536	12.482	ng	# 63
75) Fluoranthene	12.76	202	54121	5.445	ng	62
78) Pyrene	12.98	202	211203	14.240	ng	# 81

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

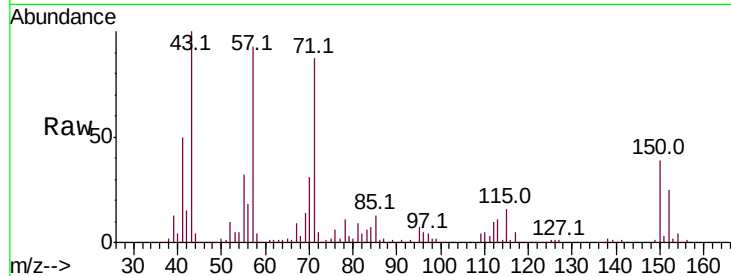


#1

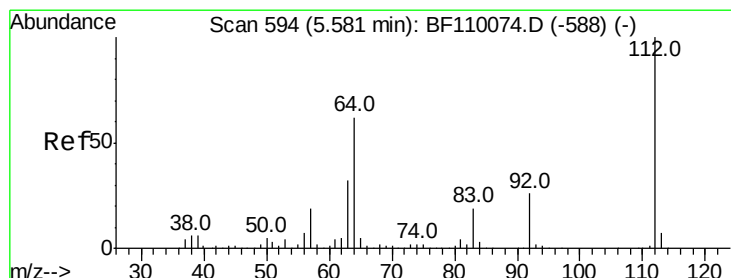
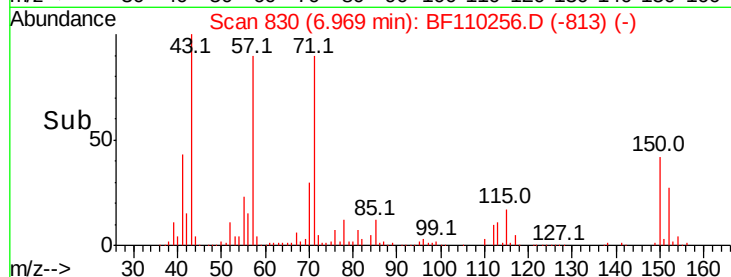
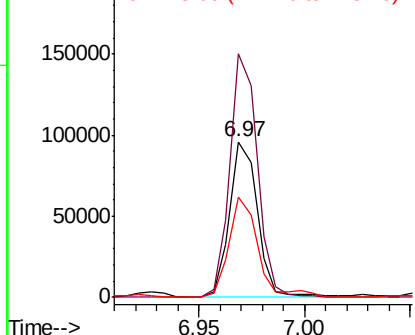
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 86600
Ion Ratio Lower Upper
152 100
150 156.2 122.7 184.1
115 64.4 49.1 73.7



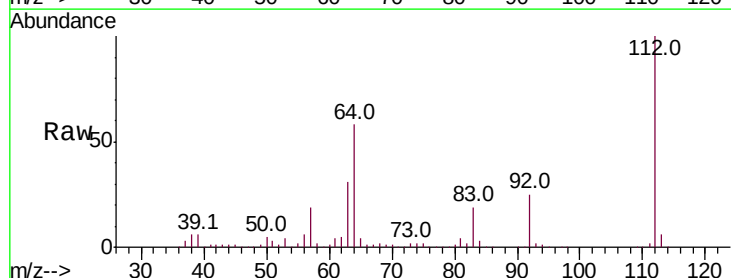
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



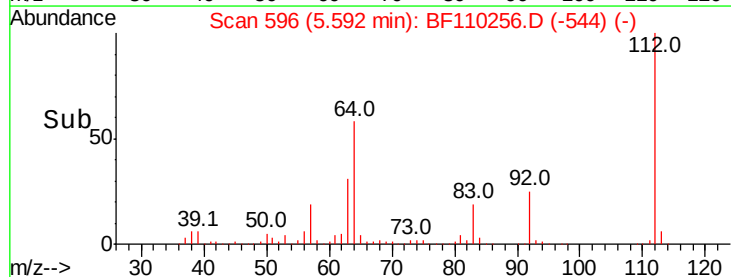
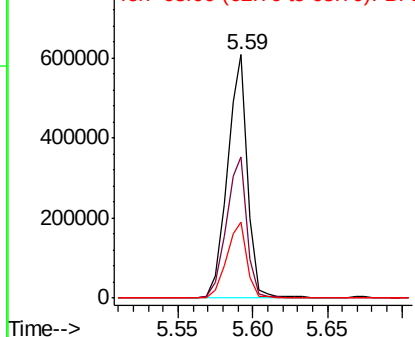
#5

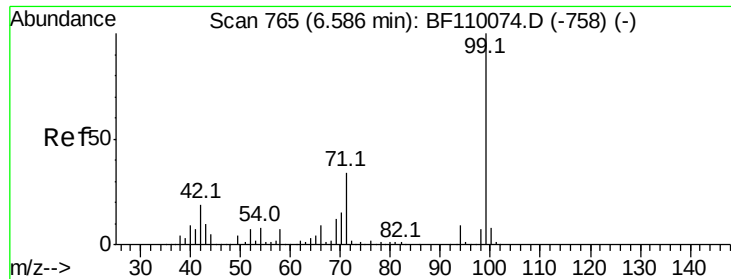
2-Fluorophenol
Concen: 109.208 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

Tgt Ion:112 Resp: 580759
Ion Ratio Lower Upper
112 100
64 57.8 44.1 66.1
63 31.2 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





#7

Phenol-d6

Concen: 107.348 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

Instrument :

BNA_F

ClientSampled :

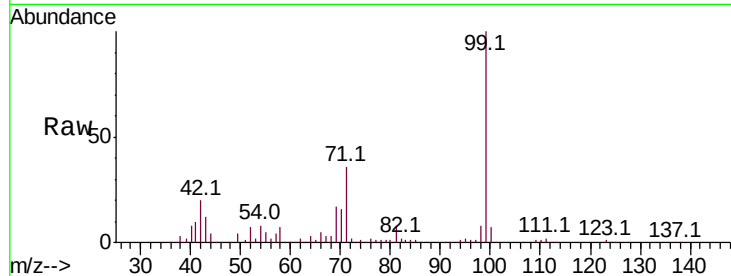
Tot Ion: 99 Resp: 730189

Ion Ratio Lower Upper

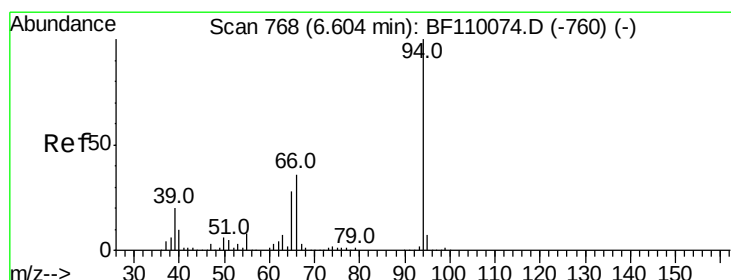
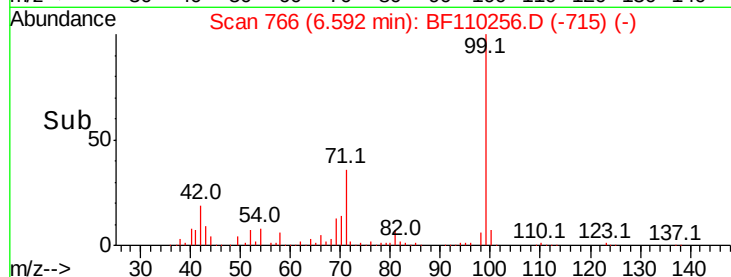
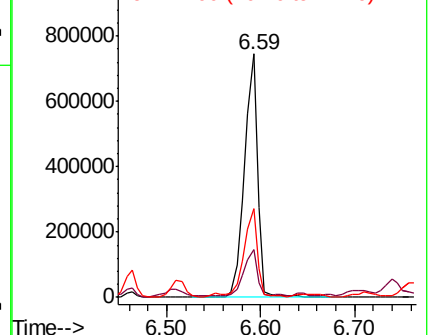
99 100

42 19.7 15.8 23.6

71 36.5 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
1000000
Ion 42.00 (41.70 to 42.70): BF1
800000
Ion 71.00 (70.70 to 71.70): BF1
600000
400000
200000
0



#10

Phenol

Concen: 6.326 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

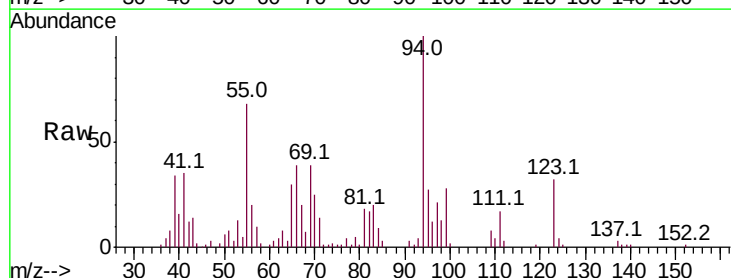
Tgt Ion: 94 Resp: 45994

Ion Ratio Lower Upper

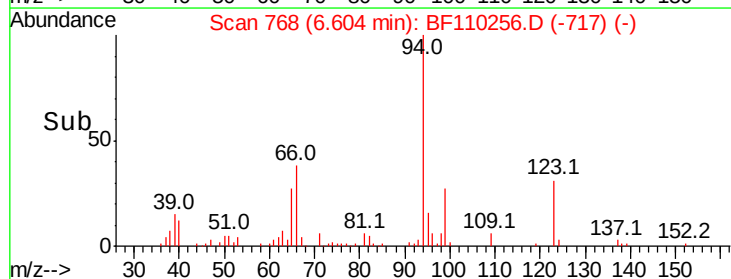
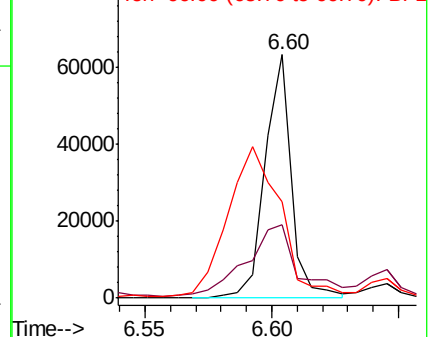
94 100

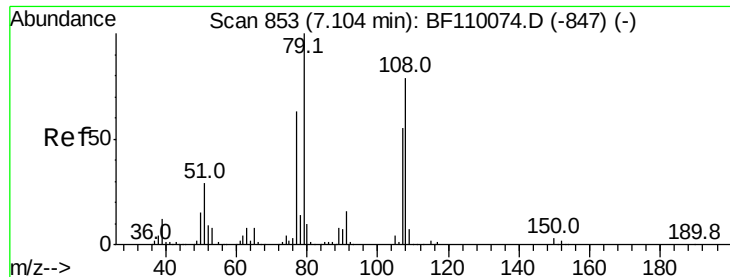
65 30.1 25.3 65.3

66 39.5 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
80000
Ion 65.00 (64.70 to 65.70): BF1
60000
Ion 66.00 (65.70 to 66.70): BF1
40000
20000
0





#15

Benzyl Alcohol

Concen: 3.355 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.02 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

Instrument :

BNA_F

ClientSampleId :

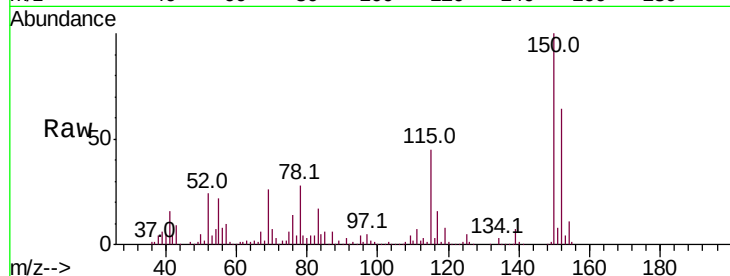
Tot Ion: 79 Resp: 17554

Ion Ratio Lower Upper

79 100

108 20.6 56.3 84.5#

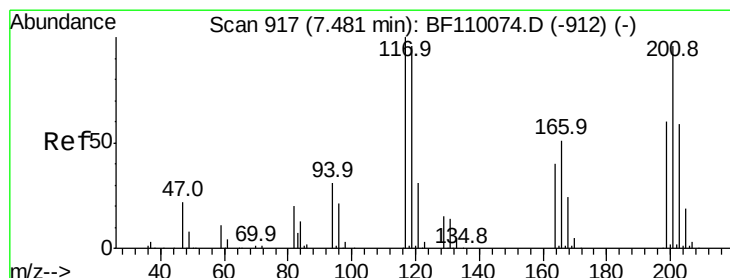
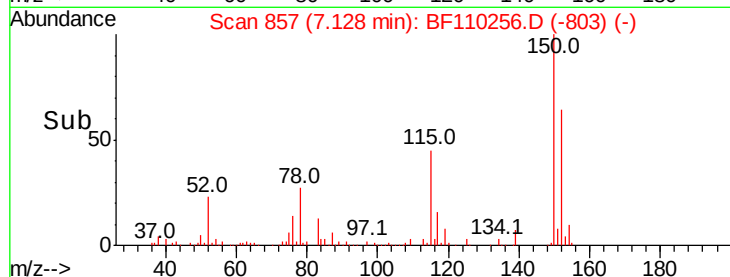
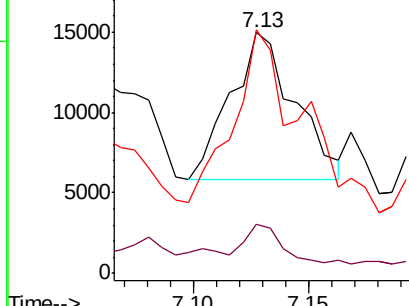
77 101.2 52.9 79.3#



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



#18

Hexachloroethane

Concen: 57.030 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.02 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

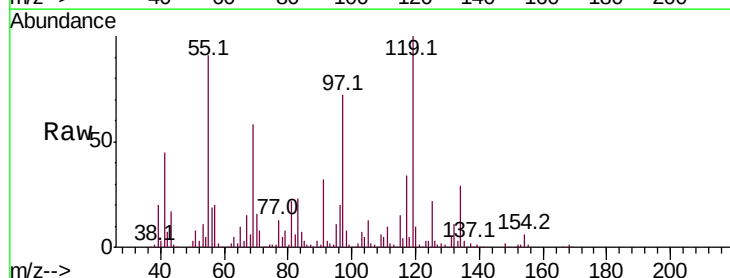
Tgt Ion: 117 Resp: 142481

Ion Ratio Lower Upper

117 100

119 298.2 75.0 112.6#

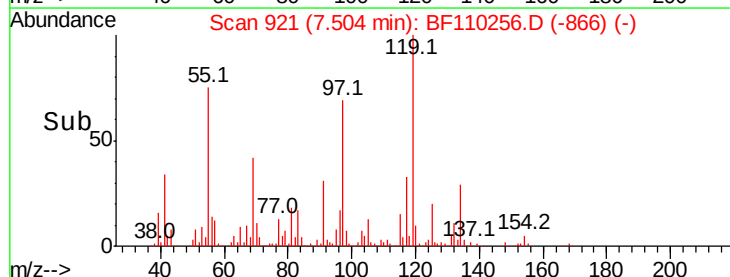
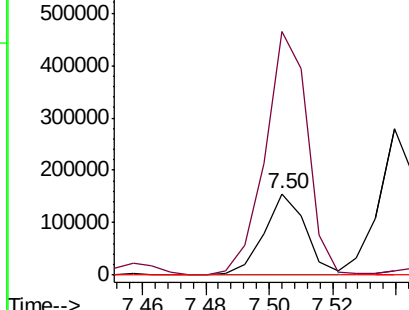
201 0.0 79.2 118.8#

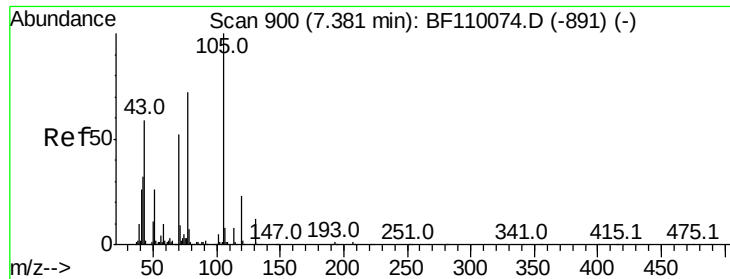


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

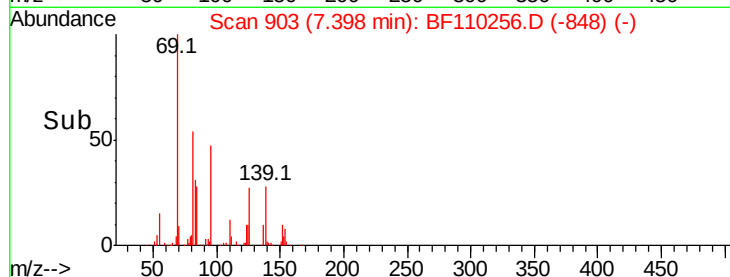
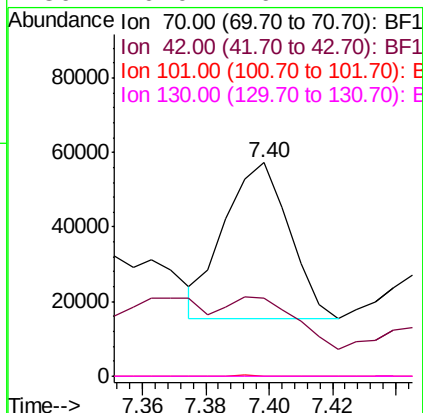
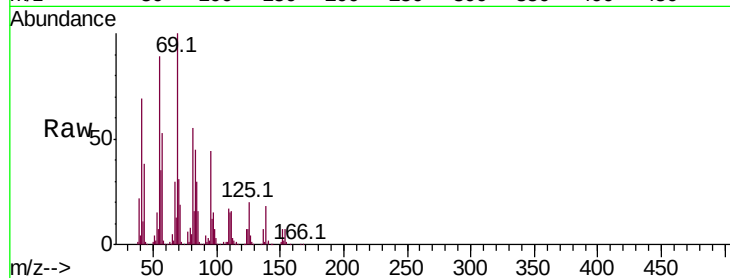




#19
n-Nitroso-di-n-propylamine
Concen: 13.539 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.02 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

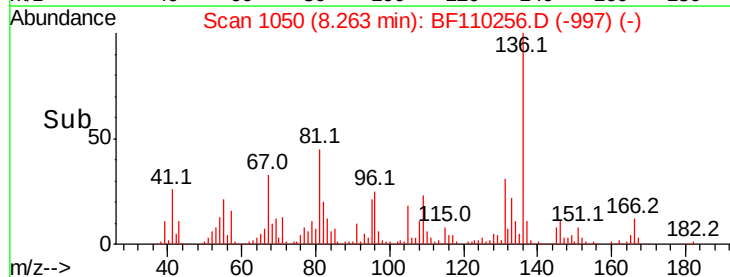
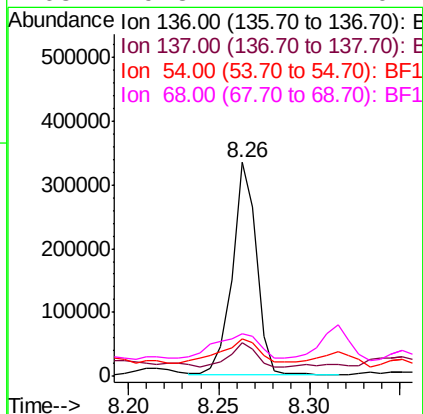
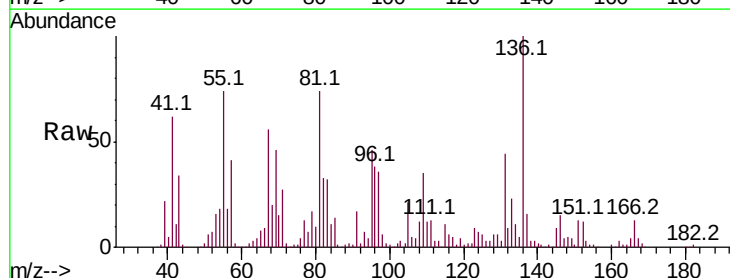
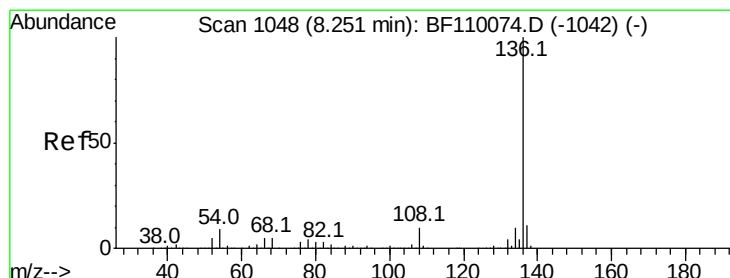
Instrument :
BNA_F
ClientSampleId :

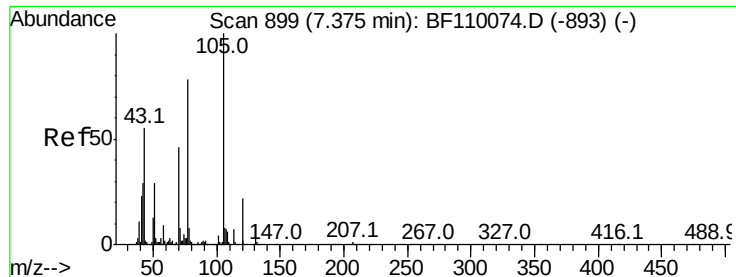
Tot Ion: 70 Resp: 59081
Ion Ratio Lower Upper
70 100
42 36.8 47.4 71.2#
101 0.0 7.3 10.9#
130 0.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.01 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

Tgt Ion: 136 Resp: 306822
Ion Ratio Lower Upper
136 100
137 15.7 8.8 13.2#
54 17.7 5.4 8.2#
68 19.8 4.2 6.2#

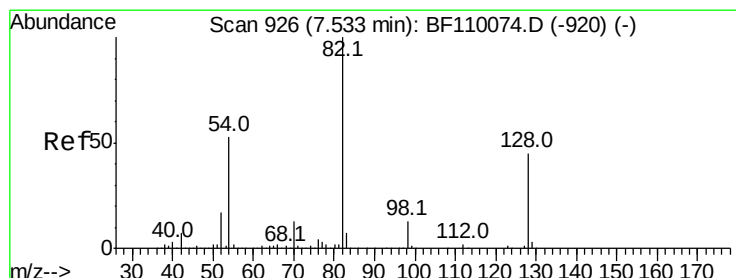
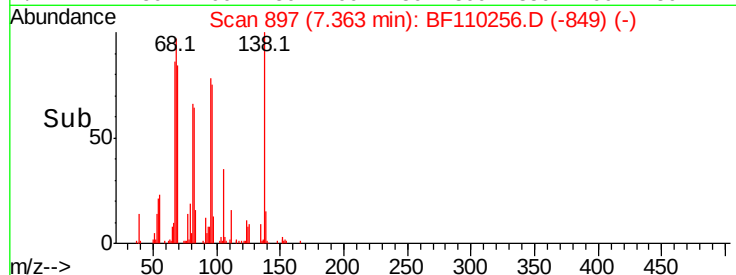
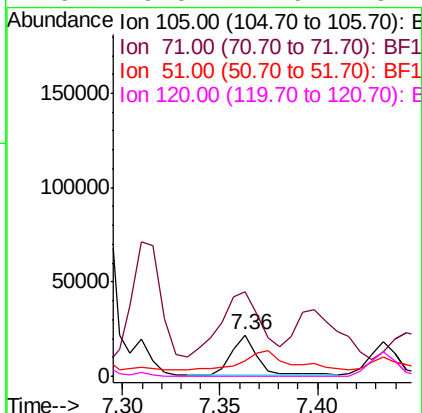
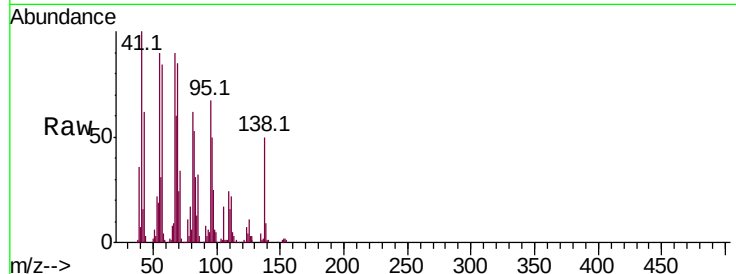




#22
Acetophenone
Concen: 2.715 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

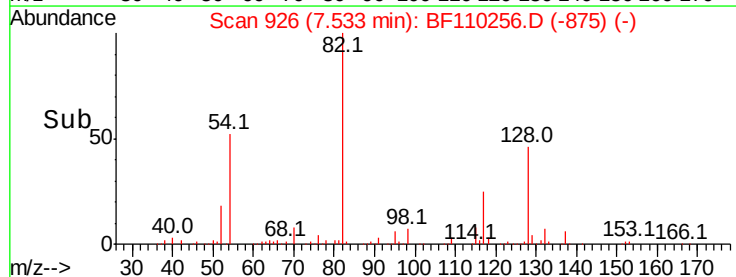
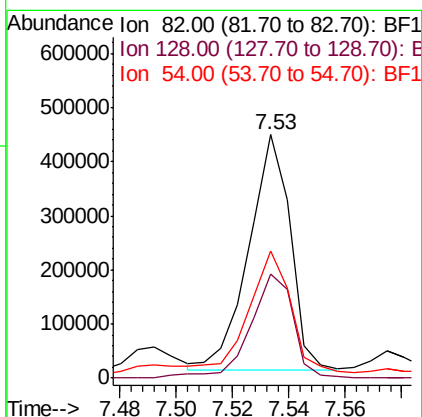
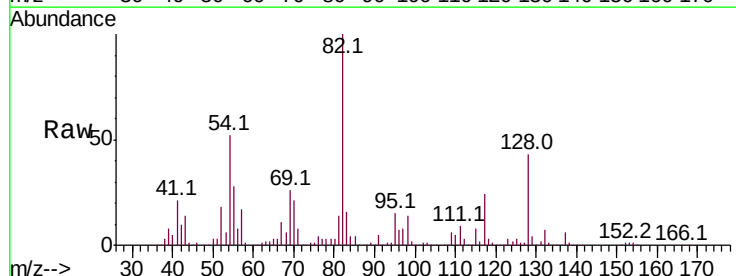
Instrument :
BNA_F
ClientSampleId :

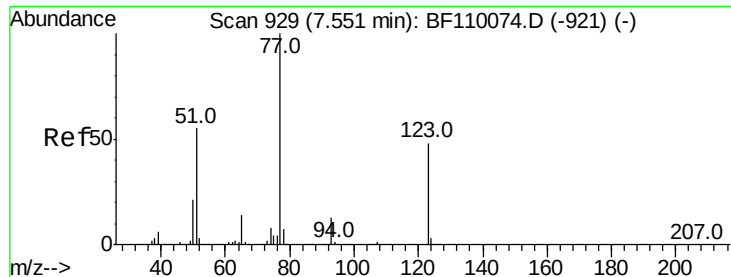
Tot Ion:105 Resp: 19197
Ion Ratio Lower Upper
105 100
71 205.2 5.2 7.8#
51 36.5 21.8 32.8#
120 0.0 17.0 25.4#



#23
Nitrobenzene-d5
Concen: 85.859 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

Tgt Ion: 82 Resp: 444142
Ion Ratio Lower Upper
82 100
128 43.0 34.2 51.2
54 52.4 38.6 58.0

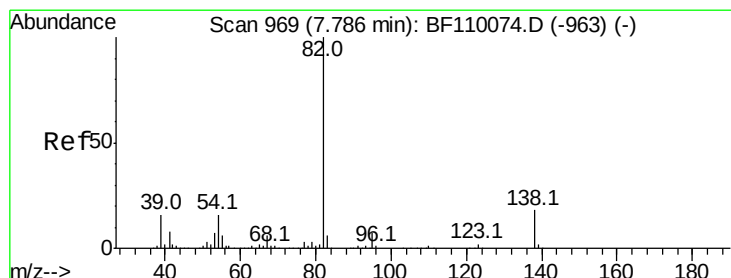
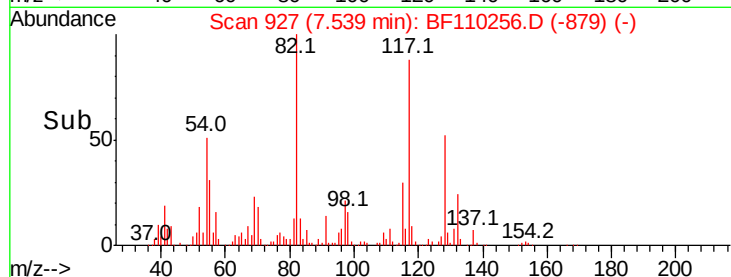
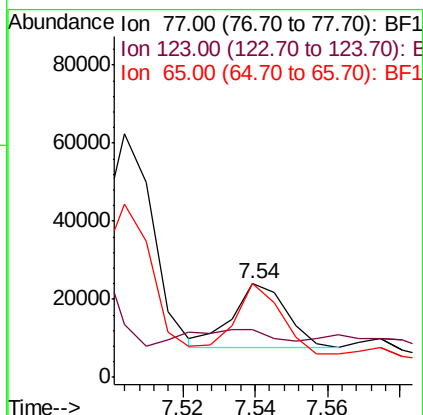
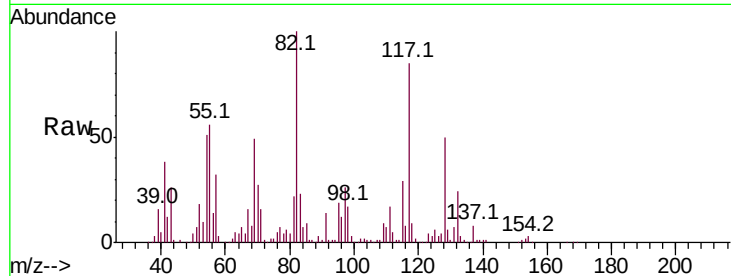




#24
Nitrobenzene
Concen: 3.098 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.02 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

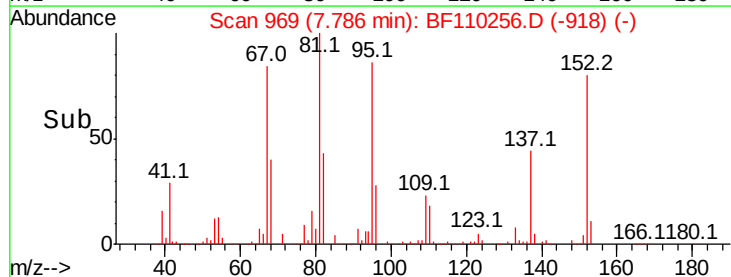
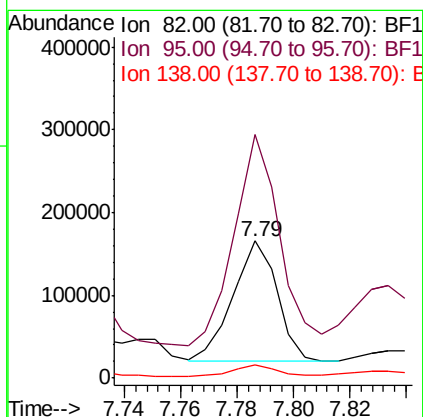
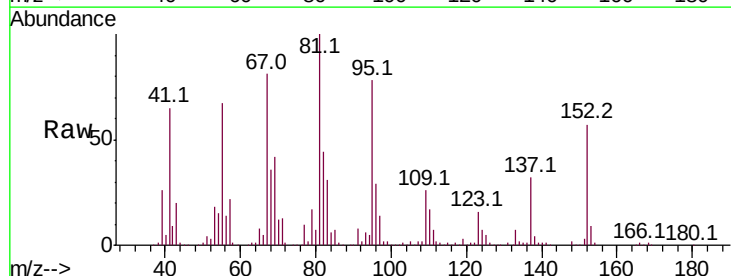
Instrument :
BNA_F
ClientSampled :

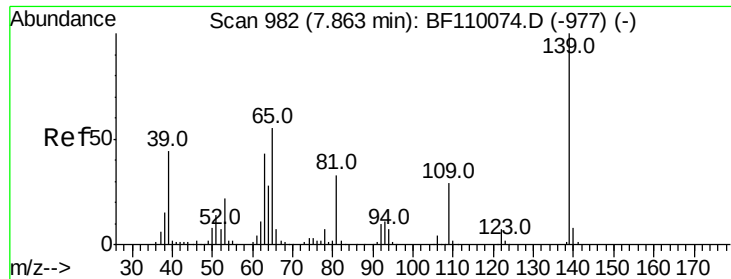
Tot Ion: 77 Resp: 16546
Ion Ratio Lower Upper
77 100
123 51.4 35.7 53.5
65 100.8 10.7 16.1#



#25
Isophorone
Concen: 17.849 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

Tgt Ion: 82 Resp: 157391
Ion Ratio Lower Upper
82 100
95 177.9 5.7 8.5#
138 9.5 13.2 19.8#





#26

2-Nitrophenol

Concen: 5.666 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

Instrument :

BNA_F

ClientSampleId :

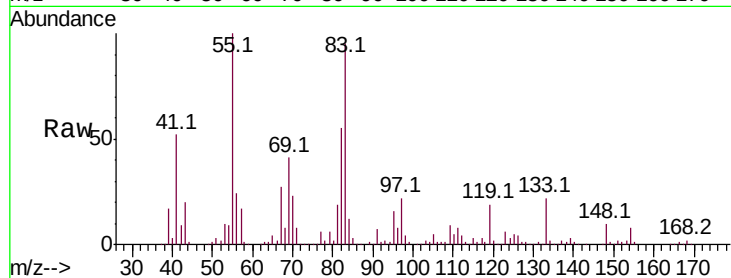
Tot Ion:139 Resp: 14400

Ion Ratio Lower Upper

139 100

109 248.2 25.0 37.6#

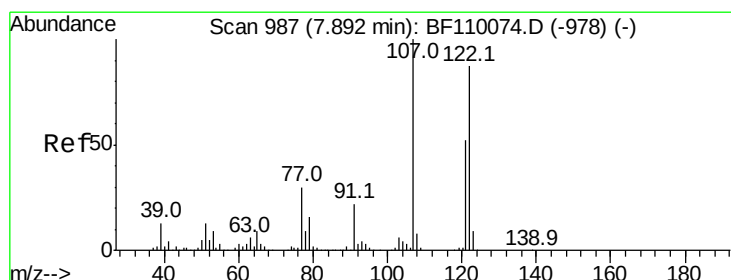
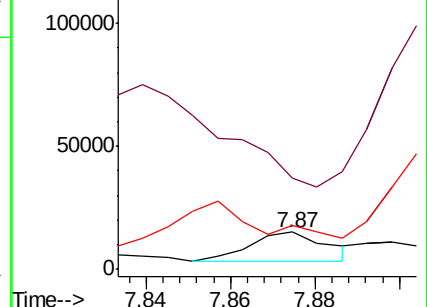
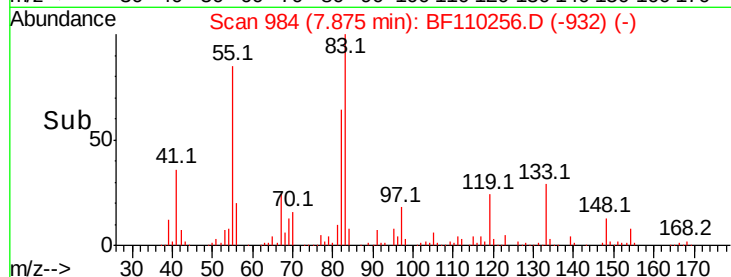
65 120.3 44.0 66.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#27

2,4-Dimethylphenol

Concen: 5.378 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.02 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

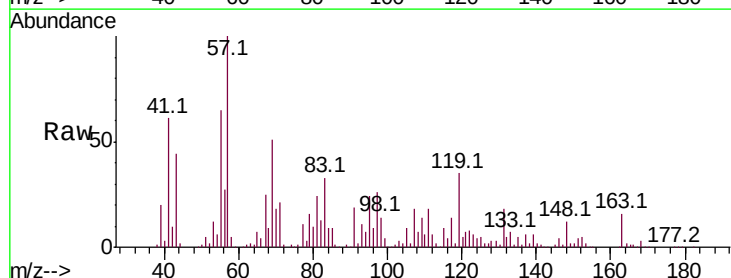
Tgt Ion:122 Resp: 22659

Ion Ratio Lower Upper

122 100

107 234.8 92.5 138.7#

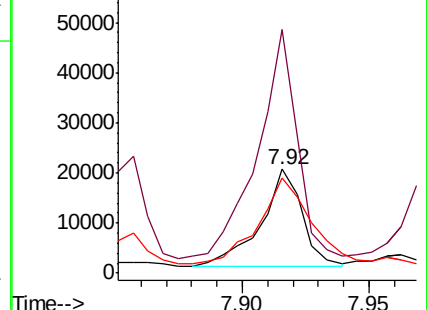
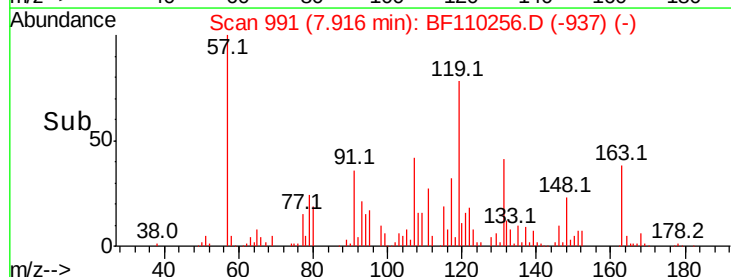
121 91.2 45.8 68.8#

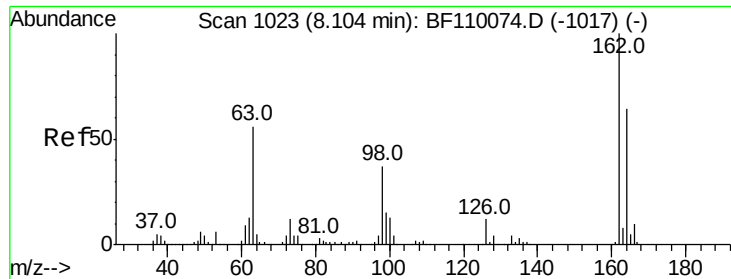


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

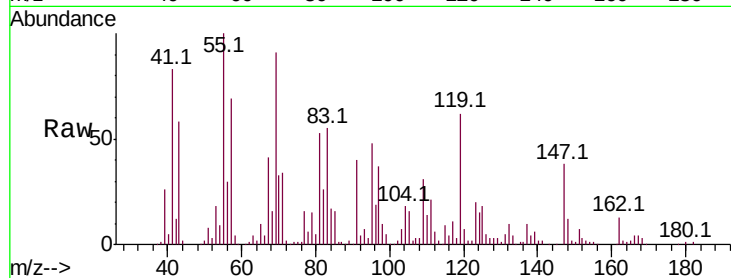




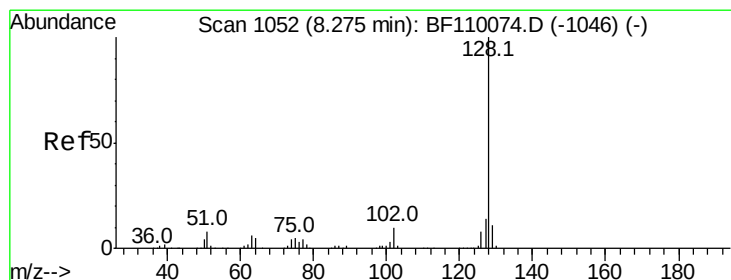
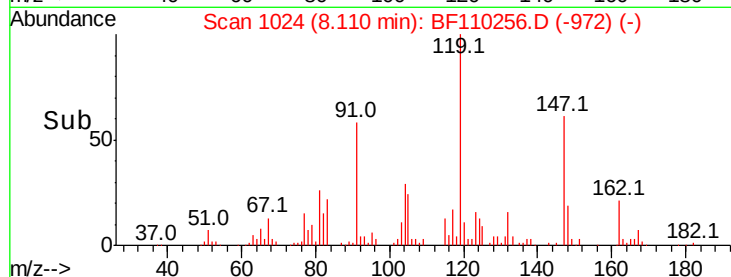
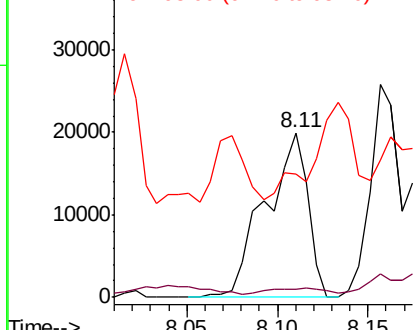
#29
2,4-Dichlorophenol
Concen: 7.629 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	5.0	44.6	84.6#
98	74.7	17.4	57.4#

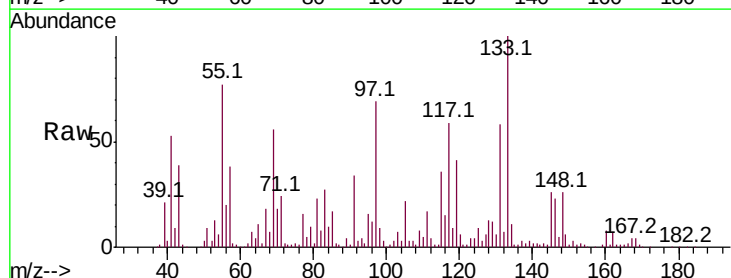


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

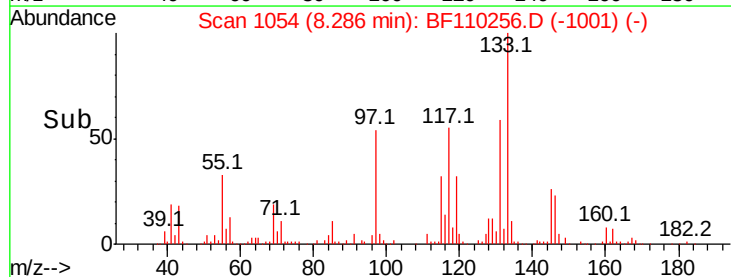
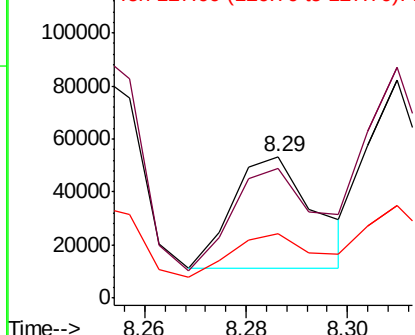


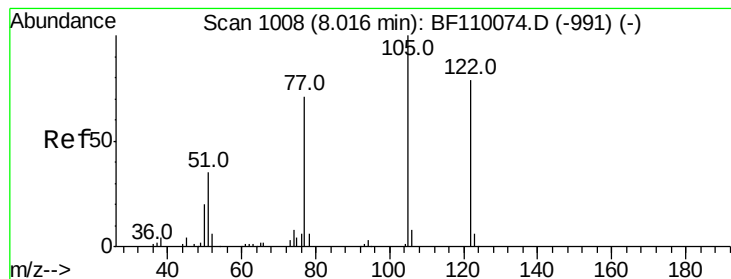
#31
Naphthalene
Concen: 3.369 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

Tgt Ion	Ratio	Lower	Upper
128	100		
129	91.9	8.8	13.2#
127	45.5	10.8	16.2#



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: 4.721 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.04 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

Instrument :

BNA_F

ClientSampled :

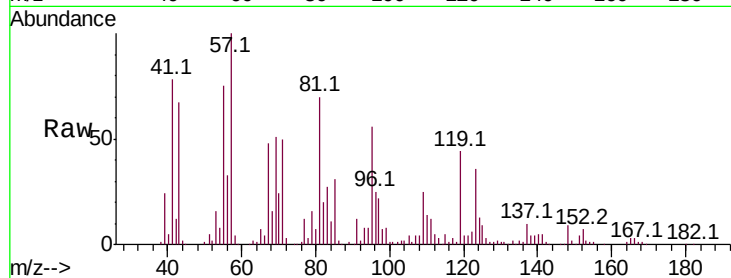
Tot Ion:122 Resp: 15374

Ion Ratio Lower Upper

122 100

105 72.1 109.0 149.0#

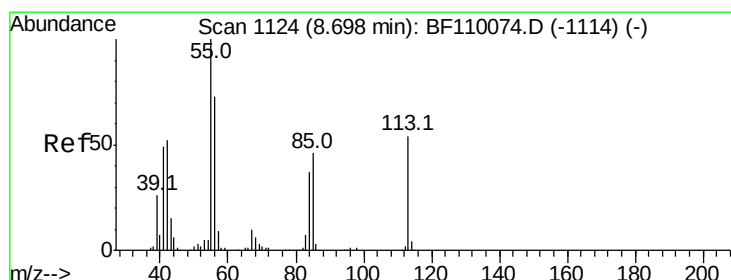
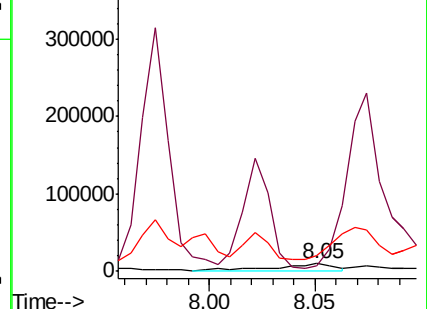
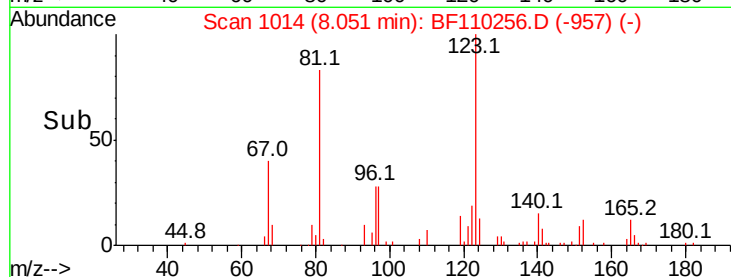
77 199.8 79.0 119.0#



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



#35

Caprolactam

Concen: 12.820 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.02 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

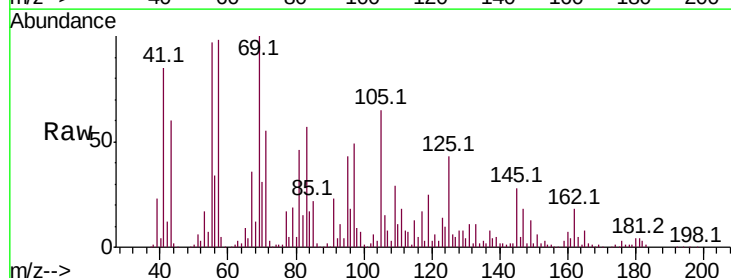
Tgt Ion:113 Resp: 19021

Ion Ratio Lower Upper

113 100

55 1359.3 142.8 182.8#

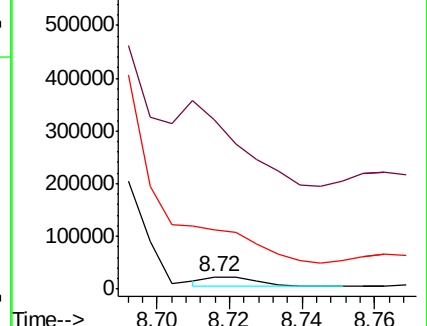
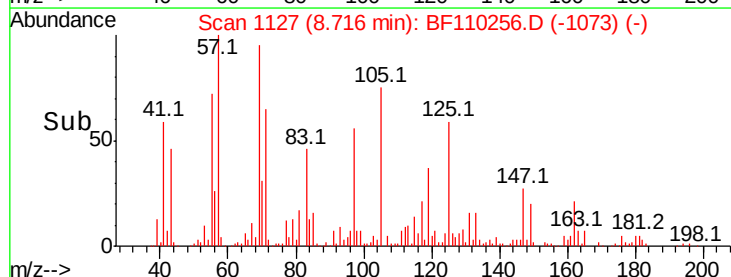
56 473.4 105.0 145.0#

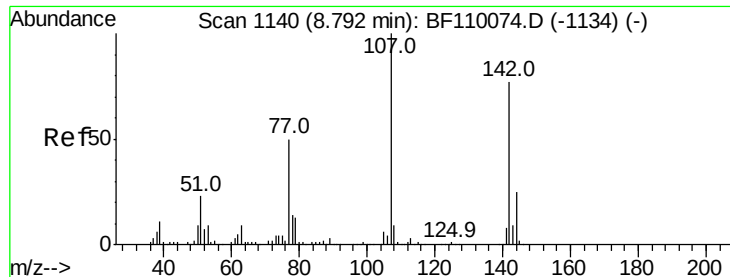


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

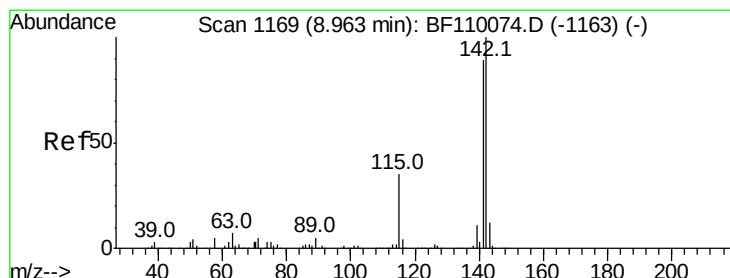
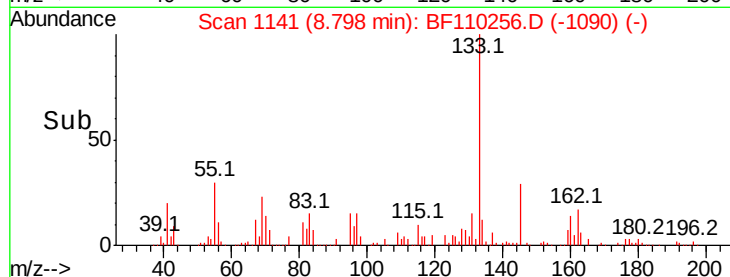
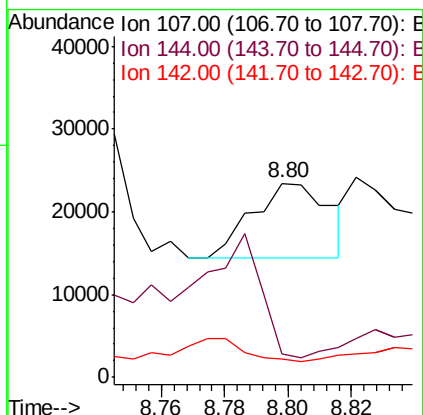
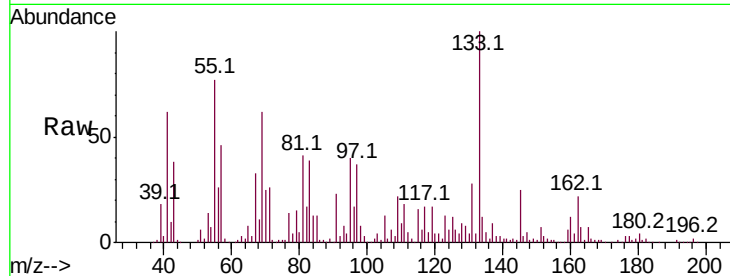




#36
4-Chloro-3-methylphenol
Concen: 3.346 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

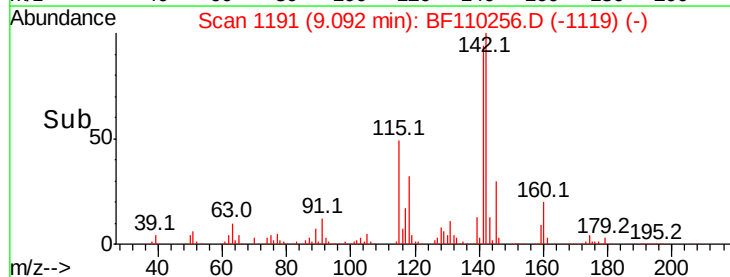
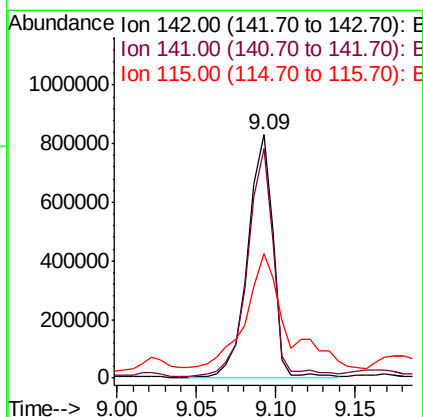
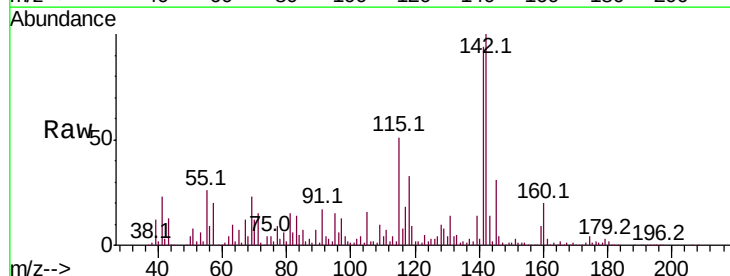
Instrument :
BNA_F
ClientSampleId :

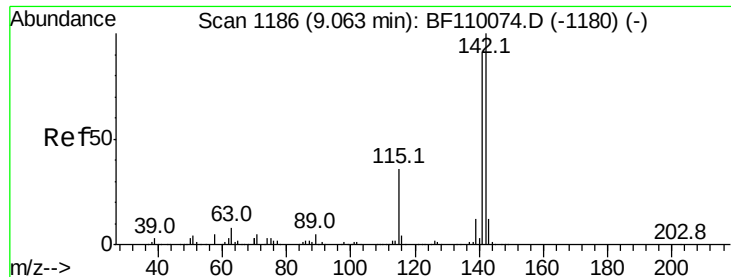
Tot Ion:107 Resp: 15402
Ion Ratio Lower Upper
107 100
144 12.3 20.0 30.0#
142 9.3 59.7 89.5#



#37
2-Methylnaphthalene
Concen: 97.783 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.12 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

Tgt Ion:142 Resp: 914877
Ion Ratio Lower Upper
142 100
141 94.1 71.4 107.2
115 51.0 28.7 43.1#

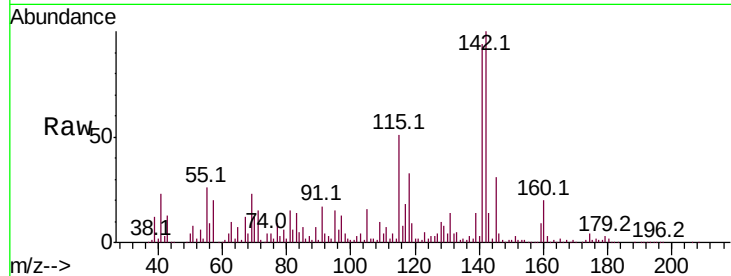




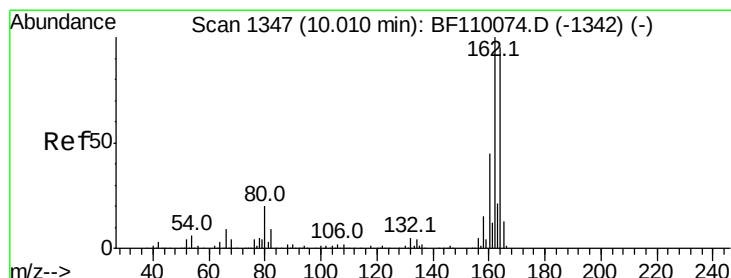
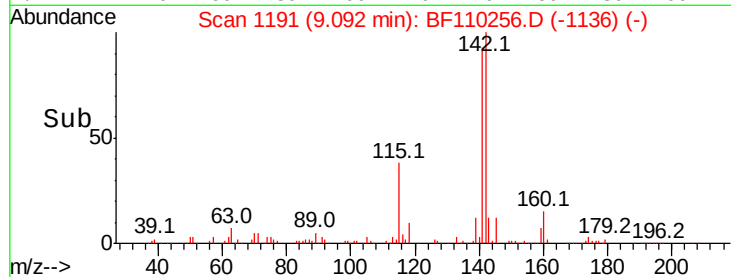
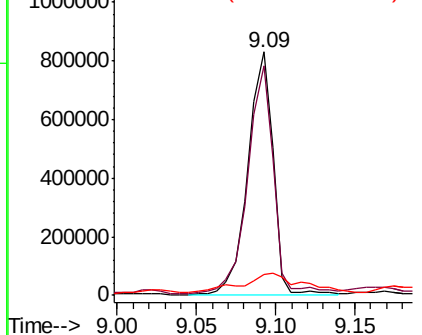
#38
1-Methylnaphthalene
Concen: 101.186 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.02 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	94.1	74.2	111.4
116	8.3	2.6	4.0#

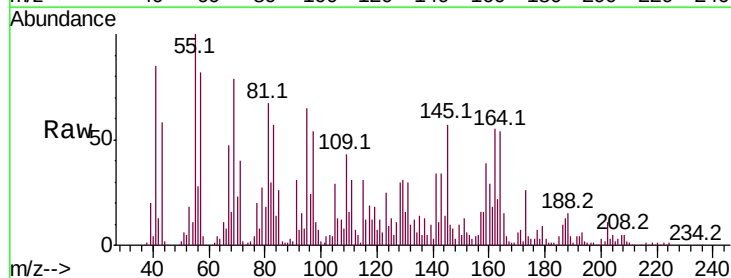


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

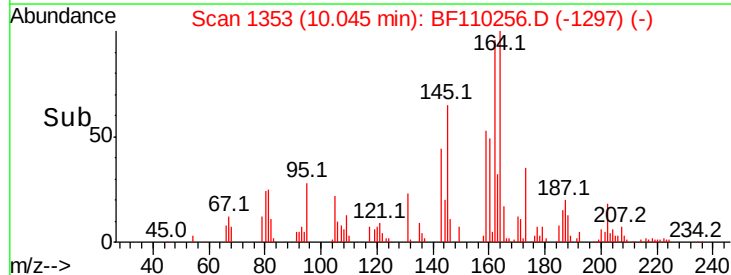
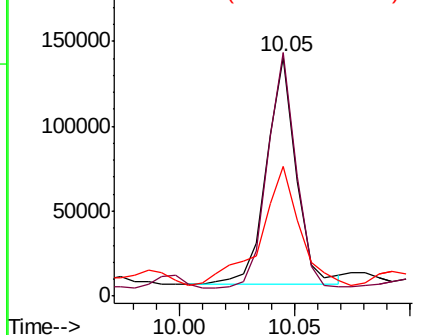


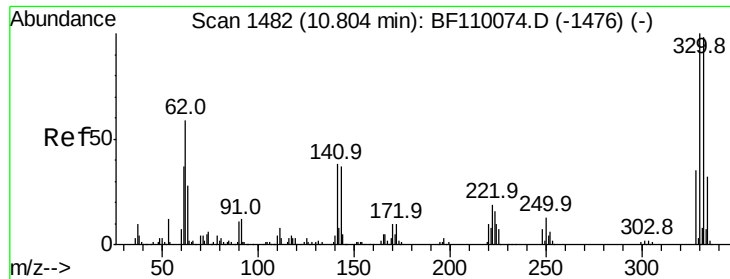
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.03 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.0	124.6
160	54.3	37.0	55.6



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

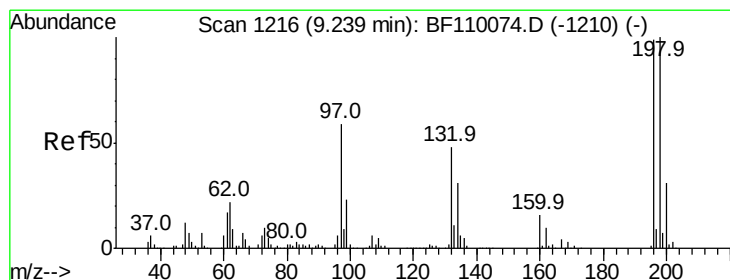
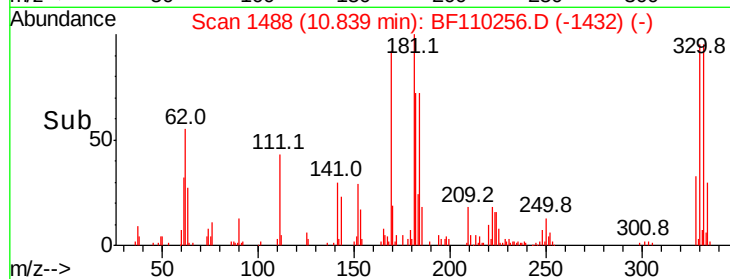
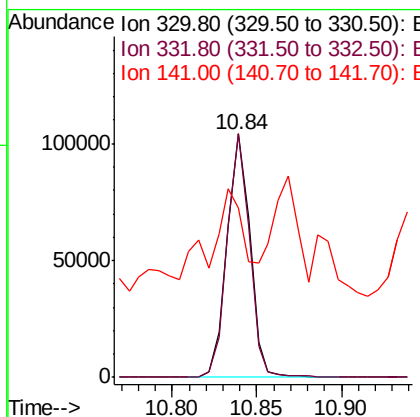
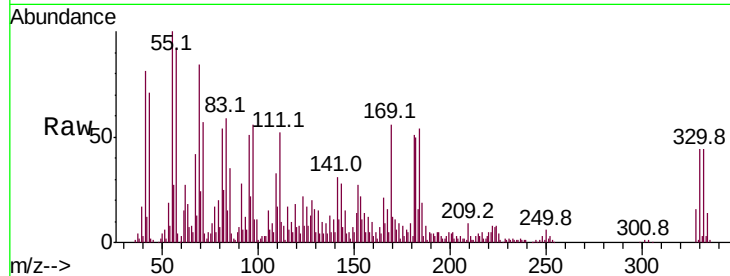




#42
 2,4,6-Tribromophenol
 Concen: 82.757 ng
 RT: 10.84 min Scan# 1488
 Delta R.T. 0.03 min
 Lab File: BF110256.D
 Acq: 29 Oct 2018 12:25

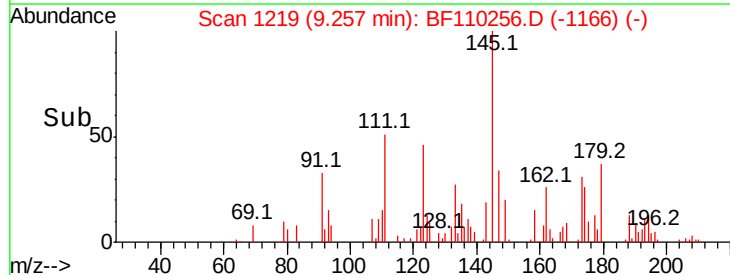
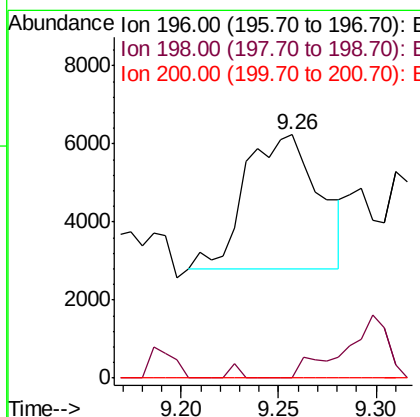
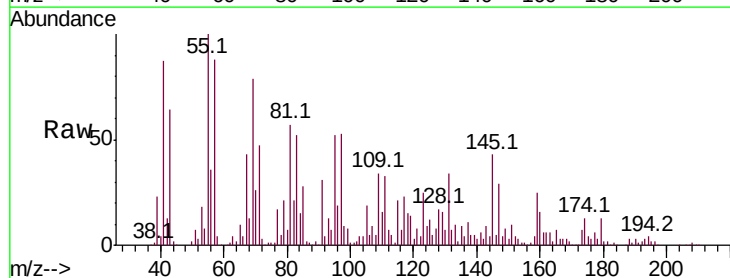
Instrument :
 BNA_F
 ClientSampleId :

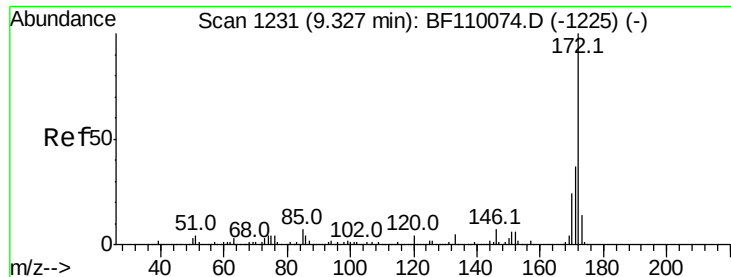
Tot Ion:330 Resp: 98590
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.1 115.7
 141 49.2 27.0 40.4#



#43
 2,4,6-Trichlorophenol
 Concen: 3.746 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.01 min
 Lab File: BF110256.D
 Acq: 29 Oct 2018 12:25

Tgt Ion:196 Resp: 9053
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.2 114.4#
 200 0.0 24.4 36.6#

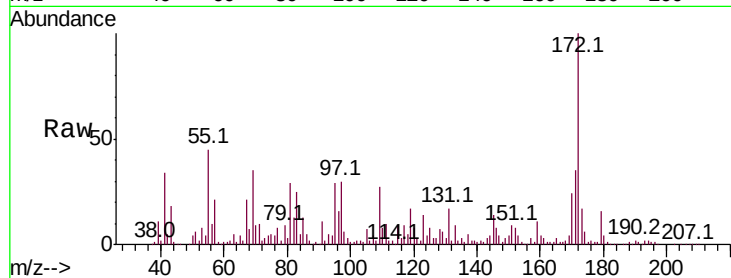




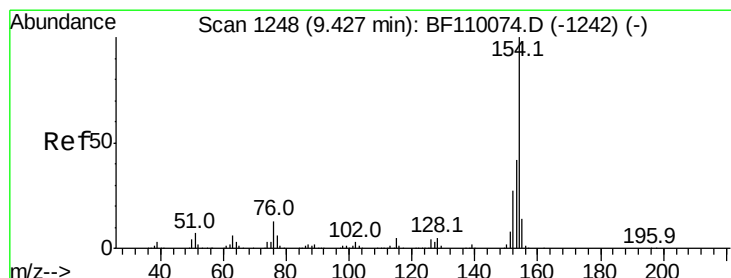
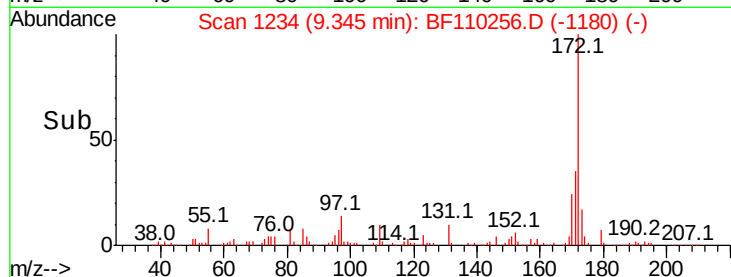
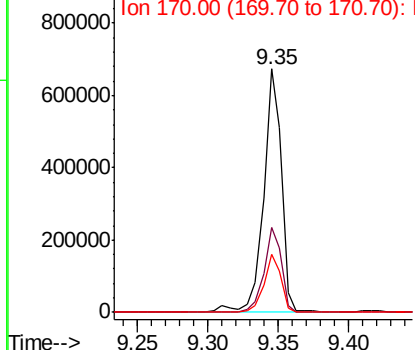
#45
2-Fluorobiphenyl
Concen: 79.539 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.02 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 609188
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.7 19.7 29.5

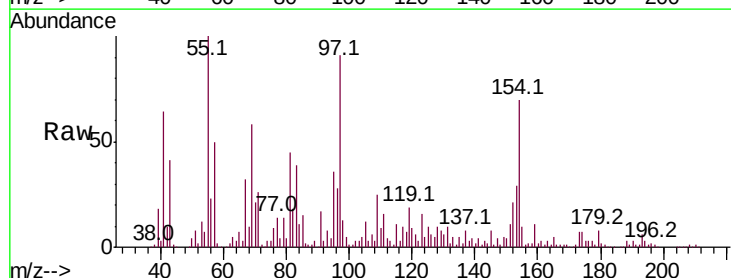


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

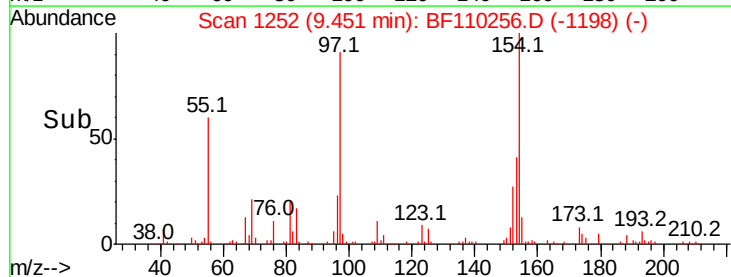
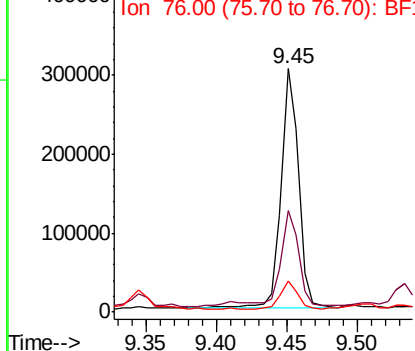


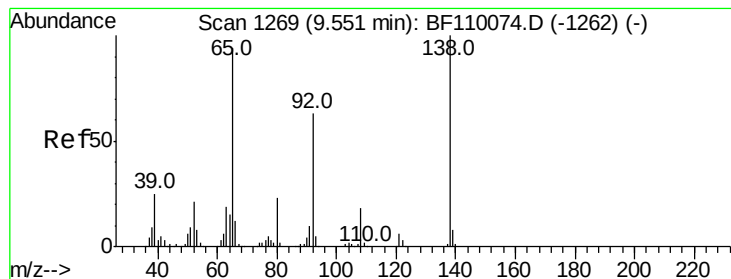
#46
1,1'-Biphenyl
Concen: 24.420 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.02 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

Tgt Ion:154 Resp: 265583
Ion Ratio Lower Upper
154 100
153 41.6 20.4 60.4
76 12.8 0.0 31.9



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





#48

2-Nitroaniline

Concen: 2.268 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

Instrument :

BNA_F

ClientSampled :

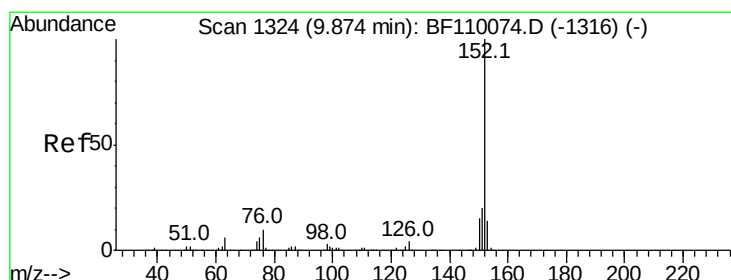
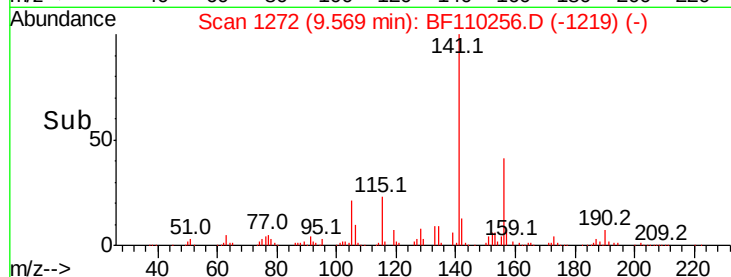
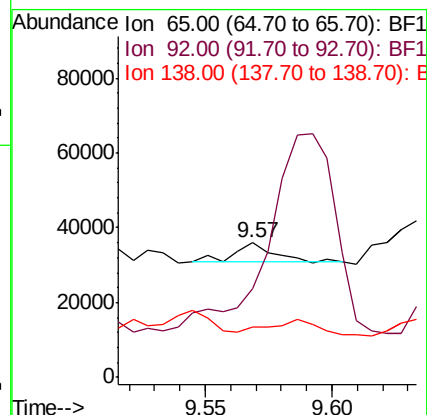
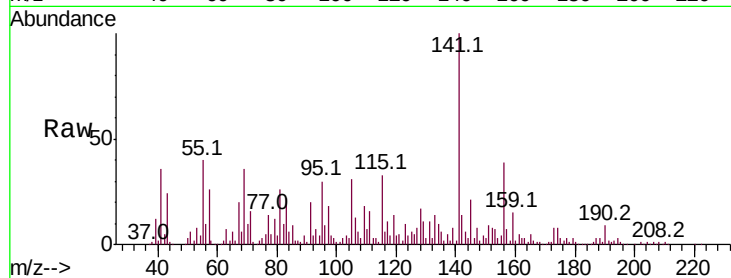
Tot Ion: 65 Resp: 5483

Ion Ratio Lower Upper

65 100

92 65.8 54.6 81.8

138 37.8 80.3 120.5#



#49

Acenaphthylene

Concen: 6.868 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.04 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

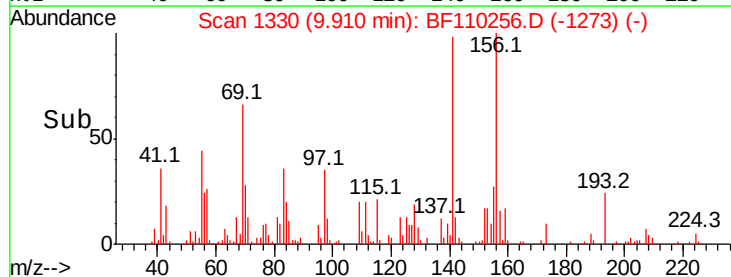
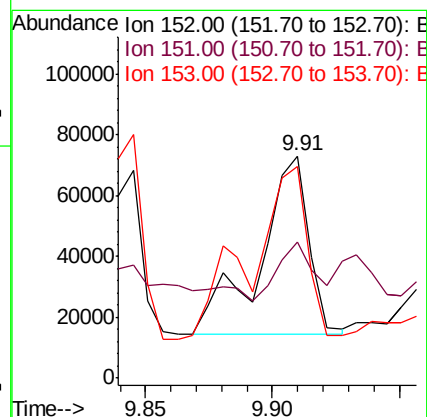
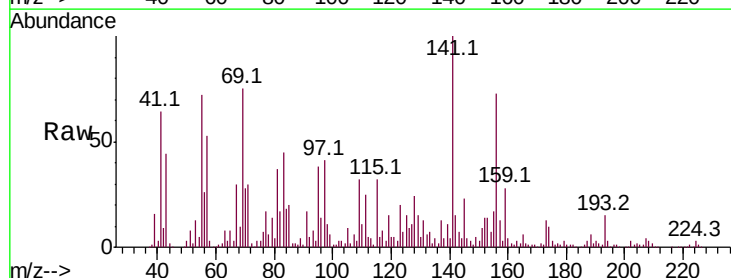
Tgt Ion: 152 Resp: 79139

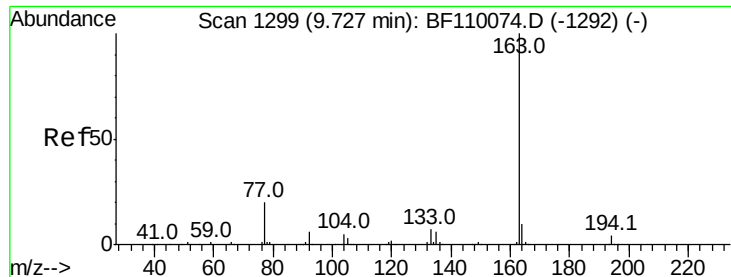
Ion Ratio Lower Upper

152 100

151 61.3 15.8 23.8#

153 95.4 10.4 15.6#





#50

Dimethylphthalate

Concen: 7.988 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

Instrument :

BNA_F

ClientSampled :

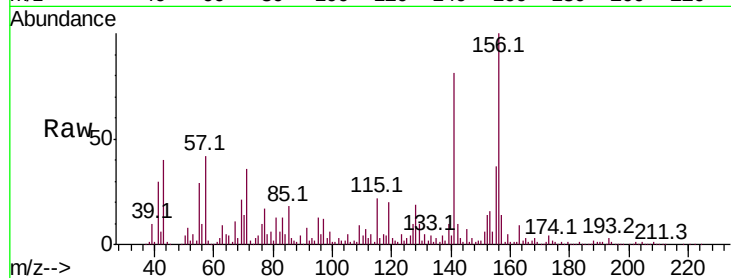
Tot Ion:163 Resp: 70919

Ion Ratio Lower Upper

163 100

194 14.5 3.2 4.8#

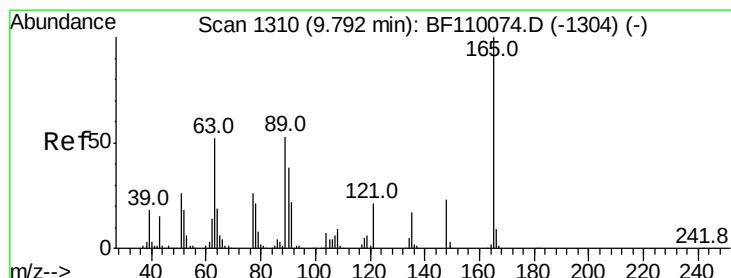
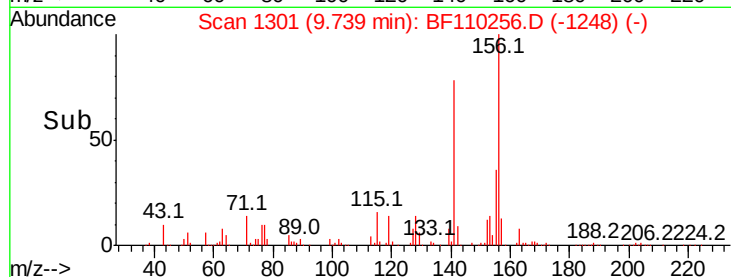
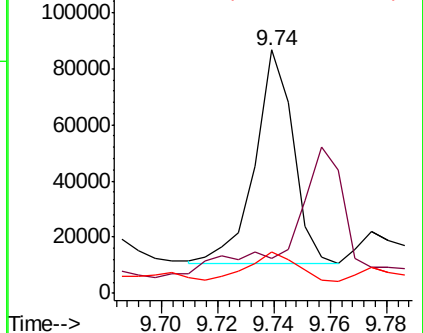
164 17.1 8.1 12.1#



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



#51

2,6-Dinitrotoluene

Concen: 7.370 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

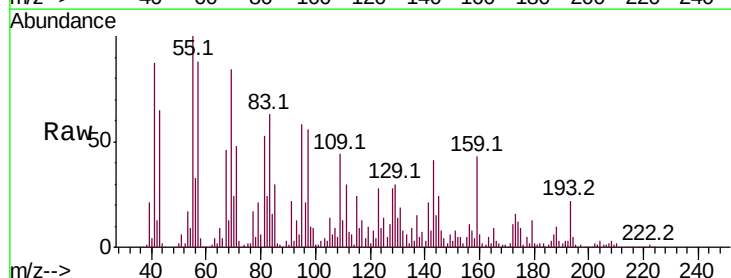
Tgt Ion:165 Resp: 14094

Ion Ratio Lower Upper

165 100

63 45.4 48.9 73.3#

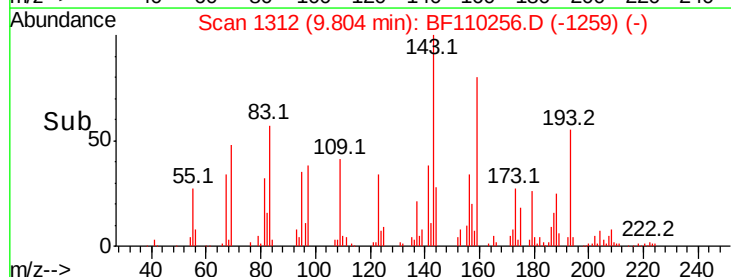
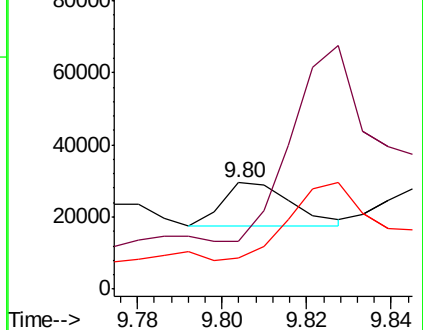
89 29.8 46.6 69.8#

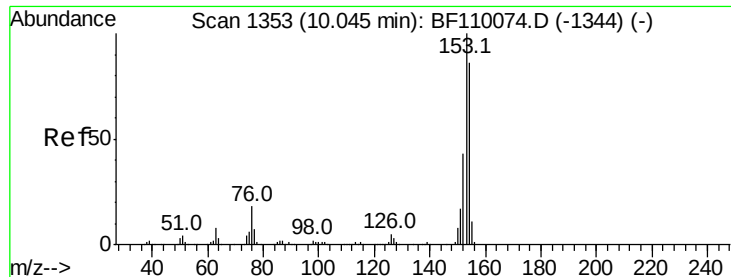


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 25.363 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.03 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

Instrument :

BNA_F

ClientSampleId :

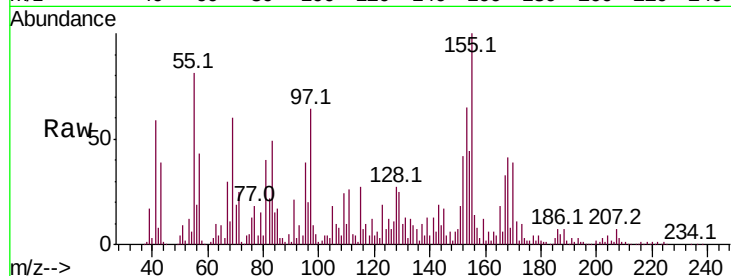
Tot Ion:154 Resp: 193330

Ion Ratio Lower Upper

154 100

153 146.2 90.1 135.1#

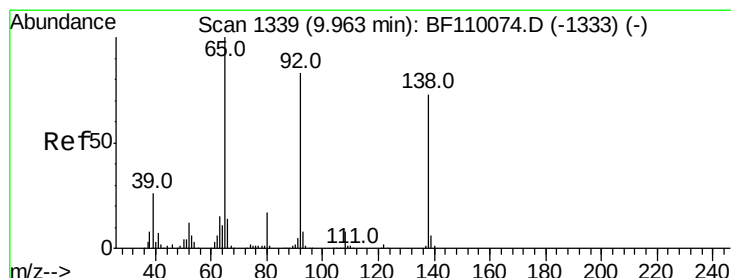
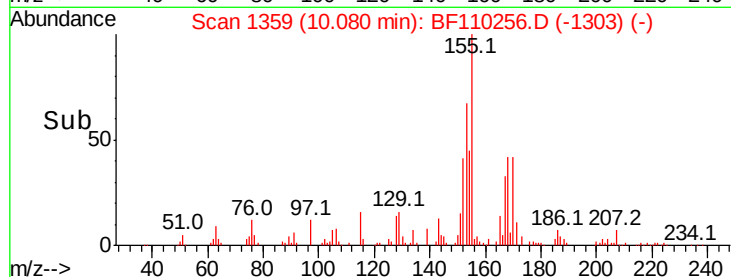
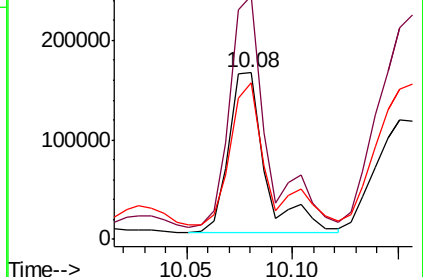
152 93.7 43.4 65.2#



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



#53

3-Nitroaniline

Concen: 6.270 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.02 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

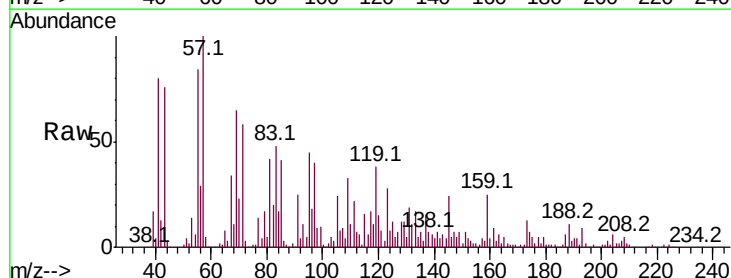
Tgt Ion:138 Resp: 14258

Ion Ratio Lower Upper

138 100

108 60.3 8.7 13.1#

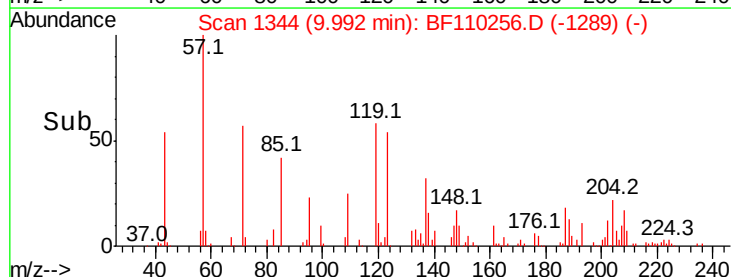
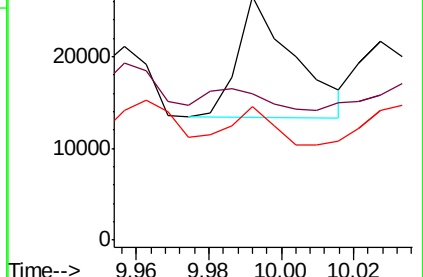
92 54.8 97.0 145.4#

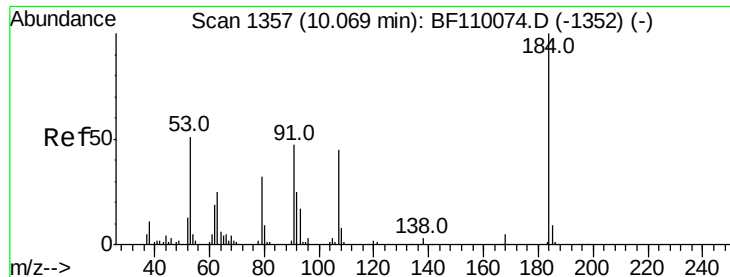


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

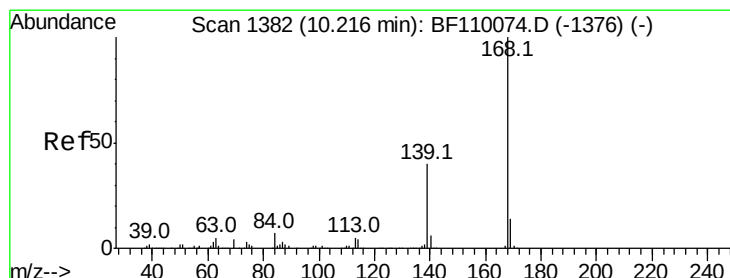
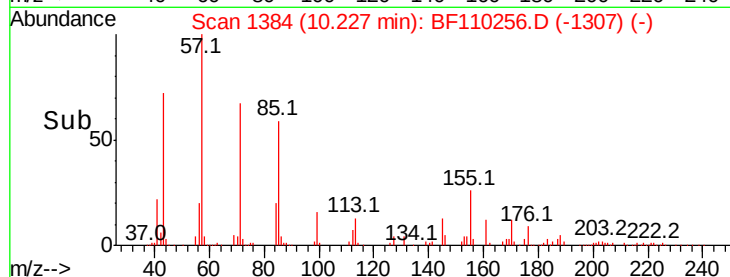
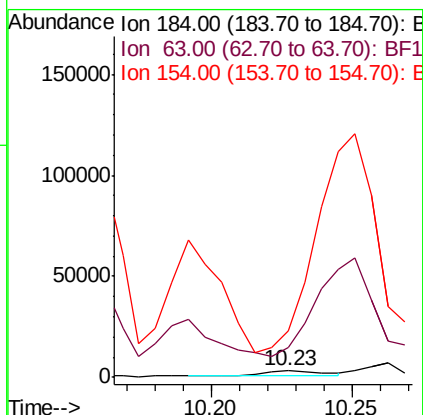
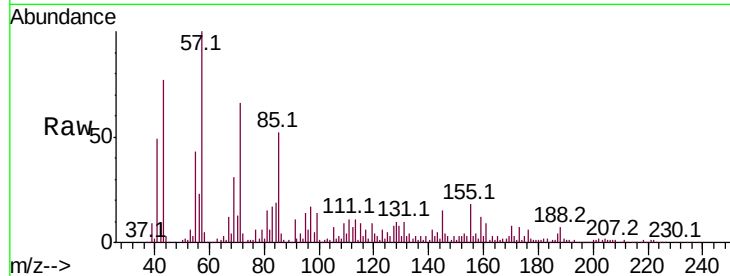




#54
2,4-Dinitrophenol
Concen: 10.058 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.15 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

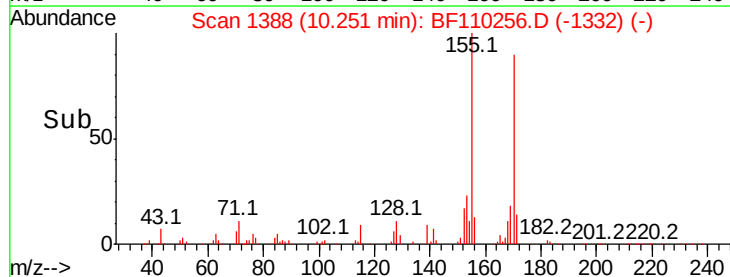
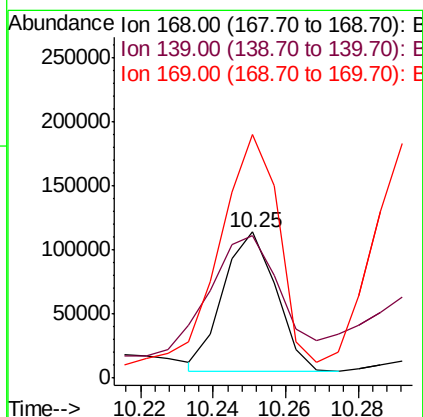
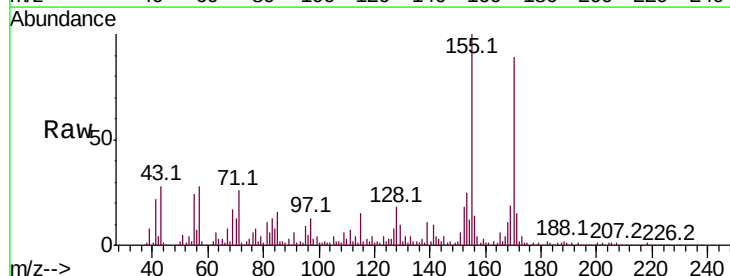
Instrument :
BNA_F
ClientSampleId :

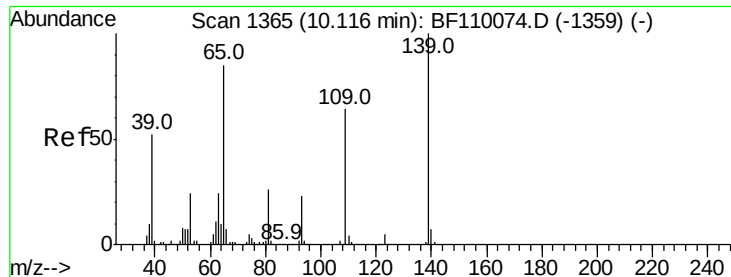
Tot Ion:184 Resp: 3962
Ion Ratio Lower Upper
184 100
63 482.2 55.8 83.6#
154 745.7 63.2 94.8#



#55
Dibenzofuran
Concen: 10.371 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.03 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

Tgt Ion:168 Resp: 110685
Ion Ratio Lower Upper
168 100
139 97.7 33.0 49.6#
169 167.0 11.3 16.9#

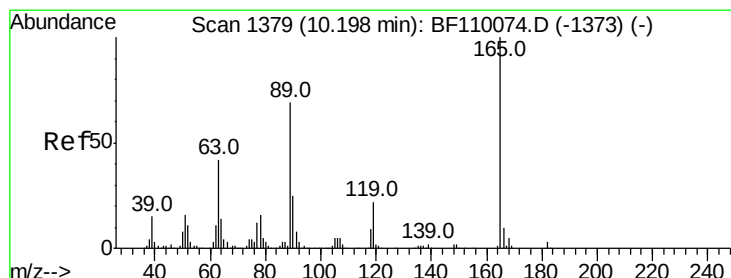
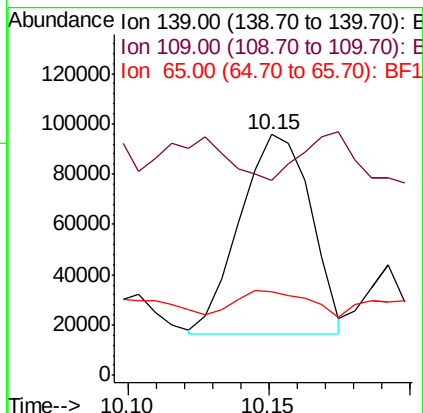
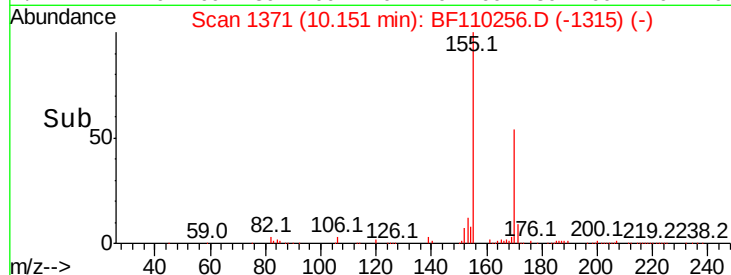
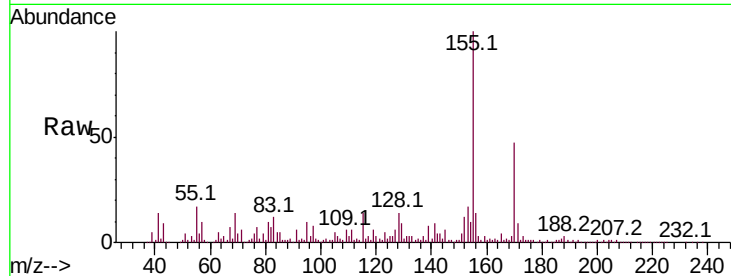




#56
4-Nitrophenol
Concen: 82.198 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.03 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

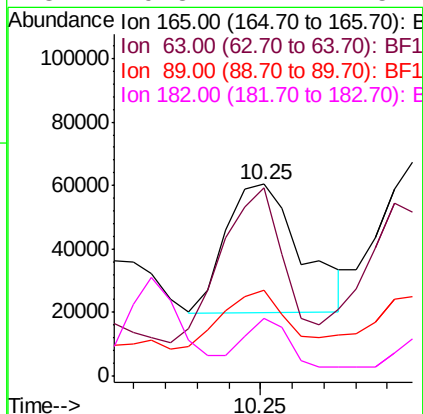
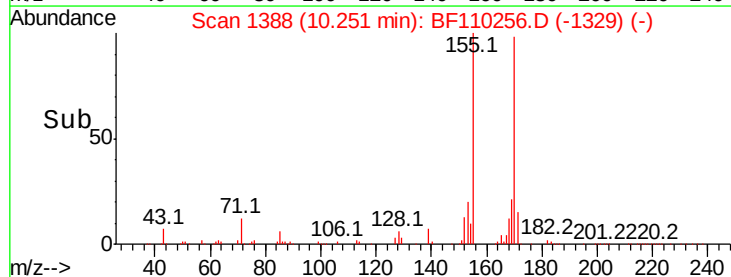
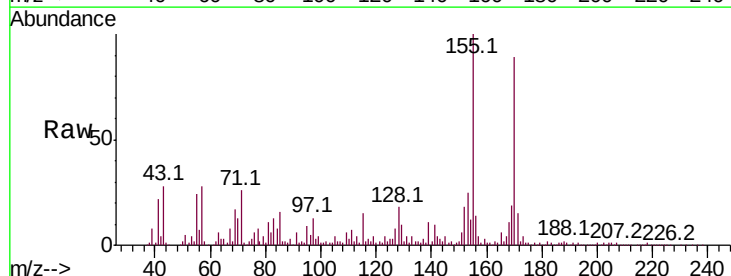
Instrument :
BNA_F
ClientSampleId :

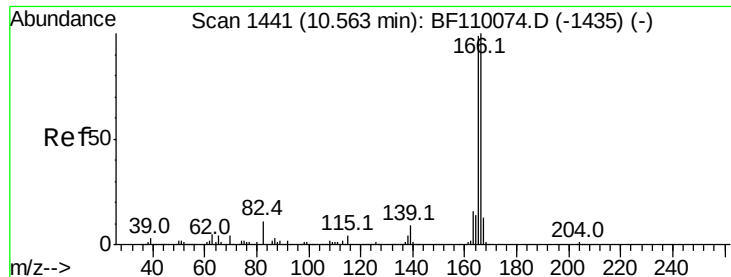
Tot Ion:139 Resp: 138347
Ion Ratio Lower Upper
139 100
109 81.1 55.8 95.8
65 34.8 77.9 117.9#



#57
2,4-Dinitrotoluene
Concen: 27.753 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.05 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

Tgt Ion:165 Resp: 67412
Ion Ratio Lower Upper
165 100
63 98.3 44.8 67.2#
89 44.5 62.2 93.4#
182 29.8 2.1 3.1#

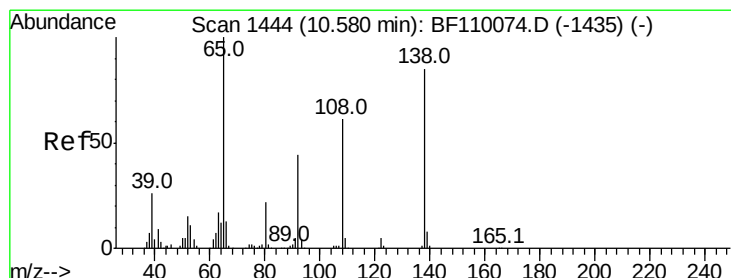
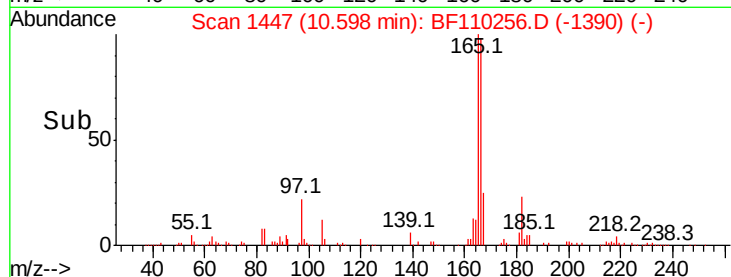
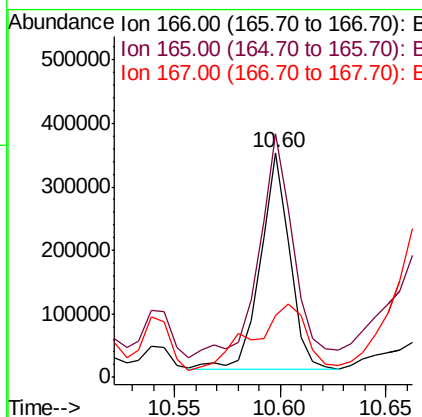
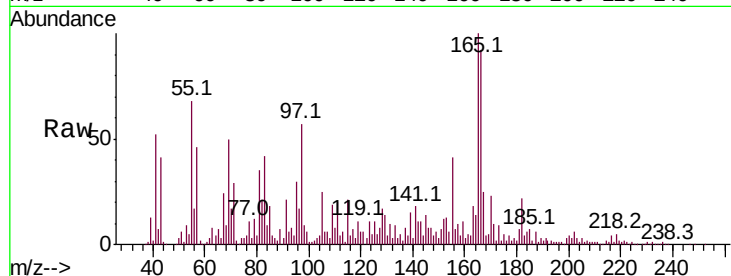




#58
Fluorene
 Concen: 41.047 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.04 min
 Lab File: BF110256.D
 Acq: 29 Oct 2018 12:25

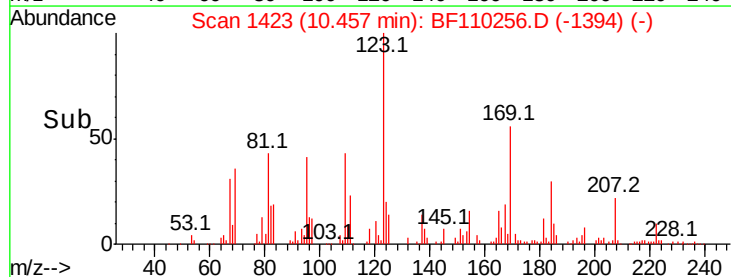
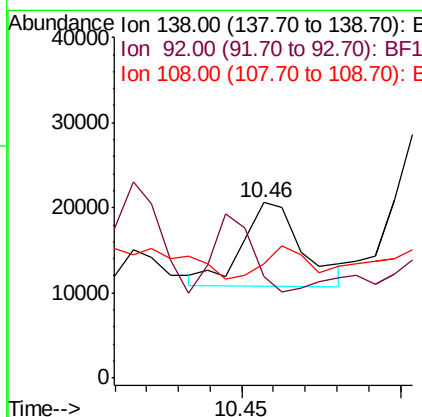
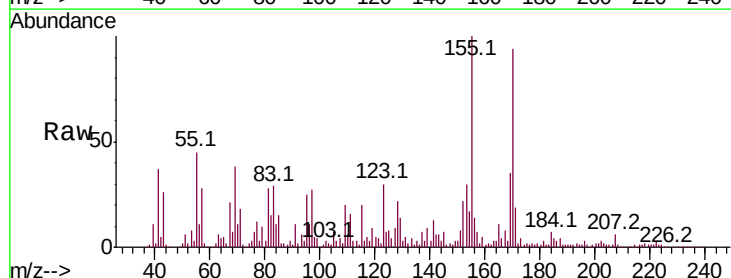
Instrument :
 BNA_F
 ClientSampled :

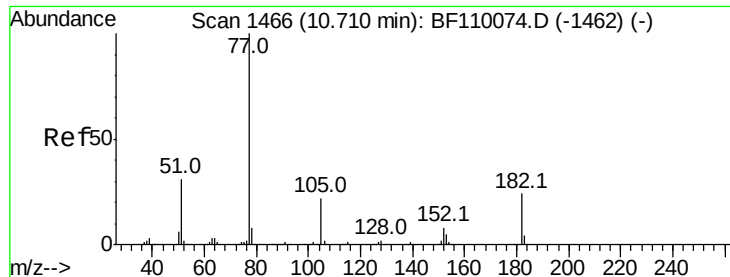
Tot Ion:166 Resp: 326029
 Ion Ratio Lower Upper
 166 100
 165 108.3 78.6 117.8
 167 27.4 10.8 16.2#



#62
4-Nitroaniline
 Concen: 5.638 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.13 min
 Lab File: BF110256.D
 Acq: 29 Oct 2018 12:25

Tgt Ion:138 Resp: 12751
 Ion Ratio Lower Upper
 138 100
 92 58.0 31.7 71.7
 108 65.3 59.3 99.3

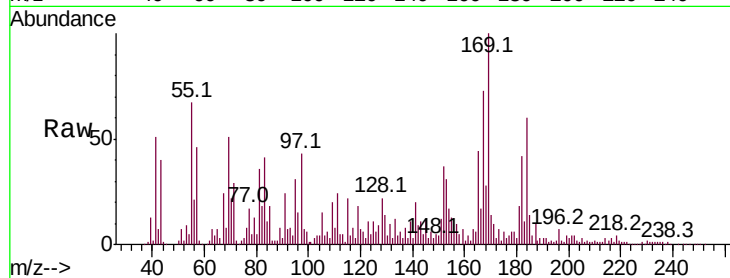




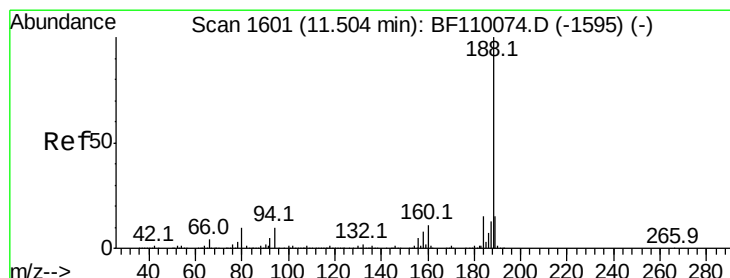
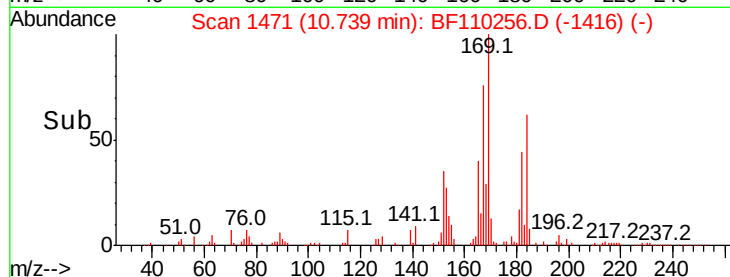
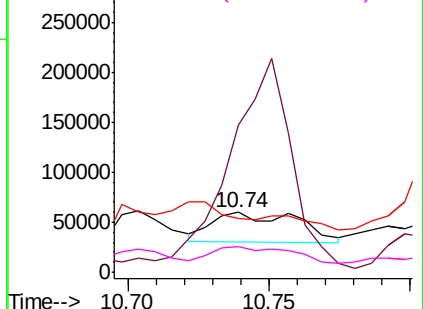
#63
Azobenzene
Concen: 7.389 ng
RT: 10.74 min Scan# 1471
Delta R.T. 0.02 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 63561
Ion Ratio Lower Upper
77 100
182 245.8 4.3 44.3#
105 90.0 1.3 41.3#
51 42.0 9.0 49.0

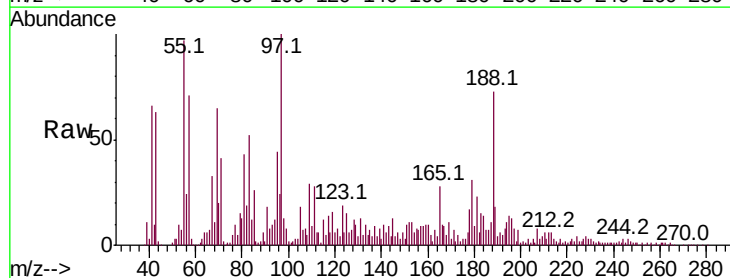


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

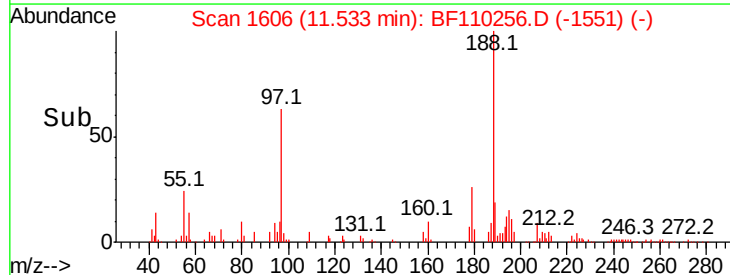
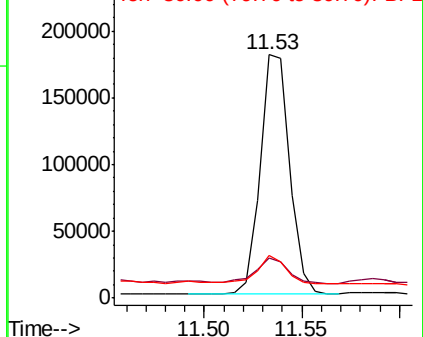


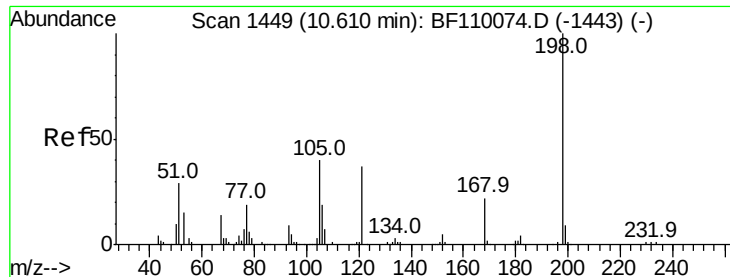
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.02 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

Tgt Ion: 188 Resp: 187182
Ion Ratio Lower Upper
188 100
94 16.6 7.2 10.8#
80 17.4 7.9 11.9#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 3.710 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

Instrument :

BNA_F

ClientSampleId :

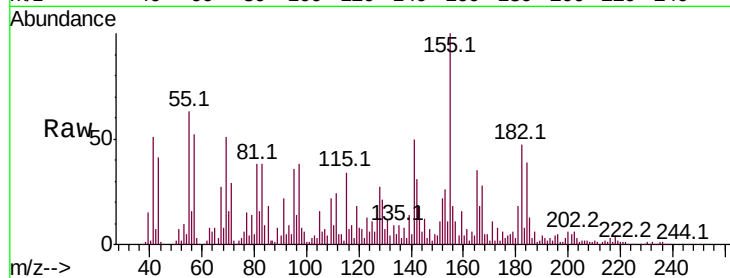
Tot Ion:198 Resp: 3173

Ion Ratio Lower Upper

198 100

51 540.3 22.8 62.8#

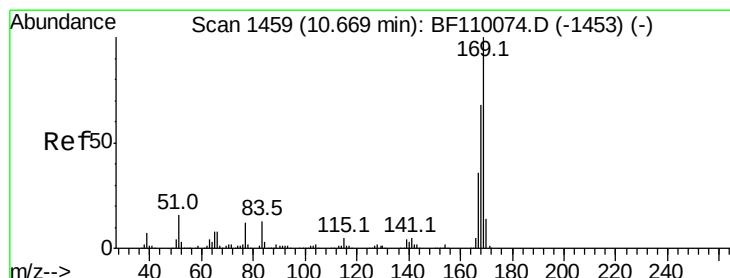
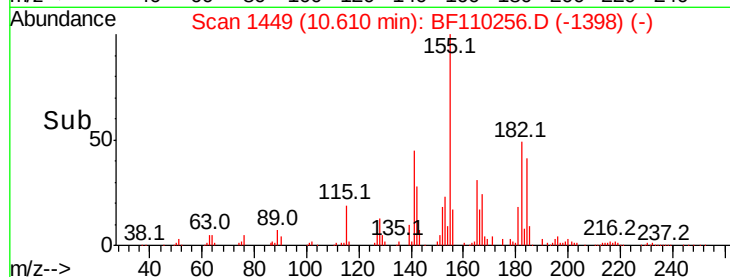
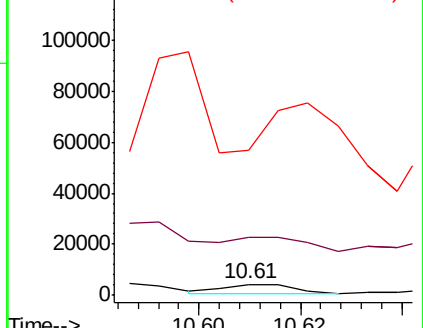
105 1363.1 23.6 63.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.486 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

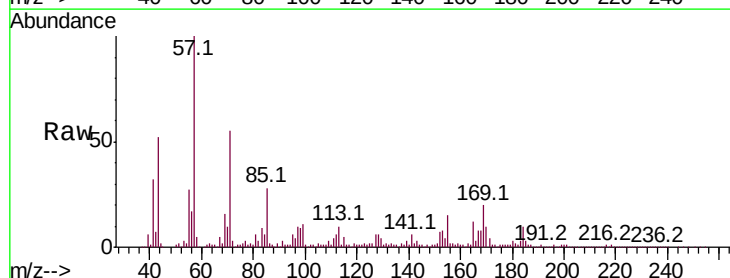
Tgt Ion:169 Resp: 254708

Ion Ratio Lower Upper

169 100

168 39.6 51.2 76.8#

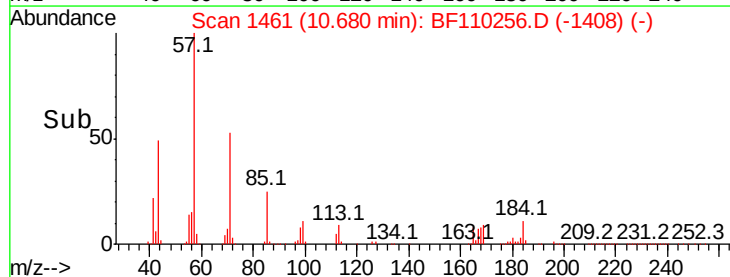
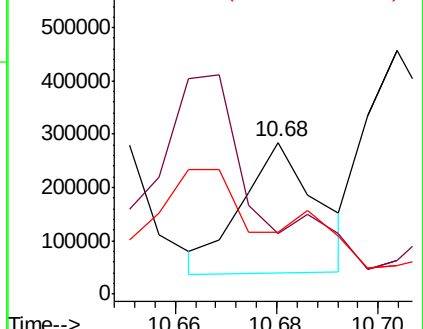
167 40.7 27.8 41.6

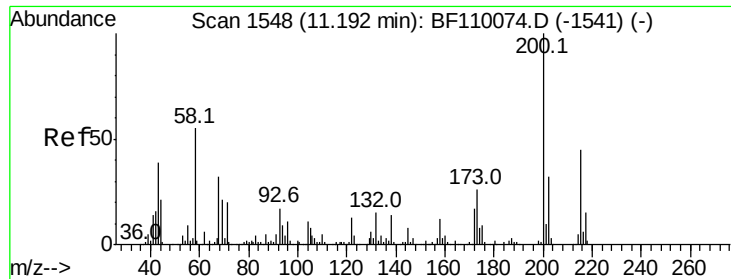


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Atrazine

Concen: 3.973 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.04 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

Instrument :

BNA_F

ClientSampleId :

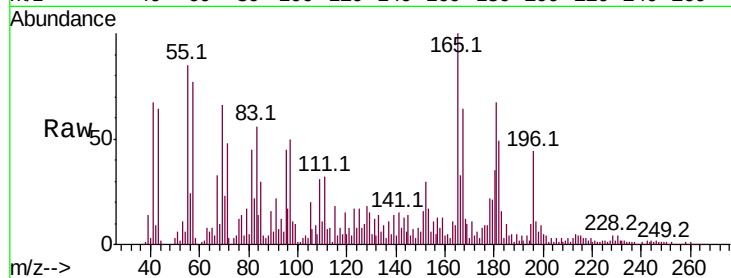
Tot Ion:200 Resp: 7709

Ion Ratio Lower Upper

200 100

173 125.5 6.6 46.6#

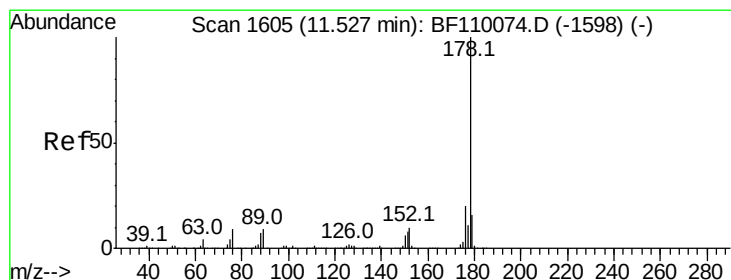
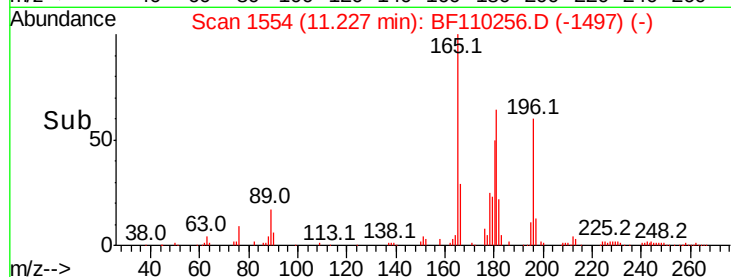
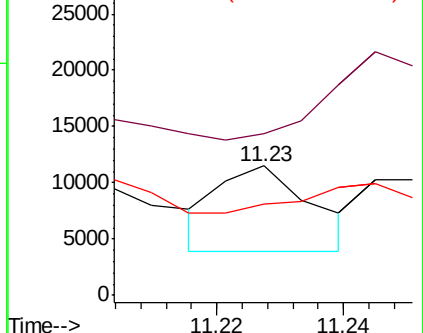
215 71.1 26.3 66.3#



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



#71

Phenanthrene

Concen: 119.597 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.04 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

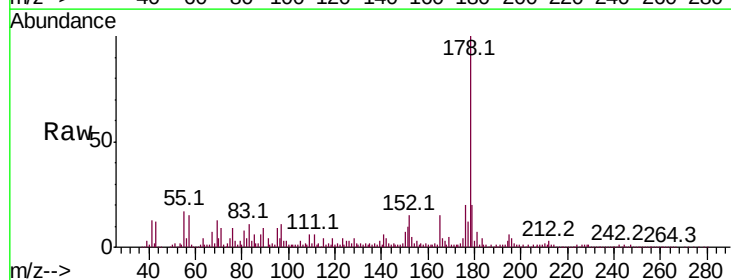
Tgt Ion:178 Resp: 1171362

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

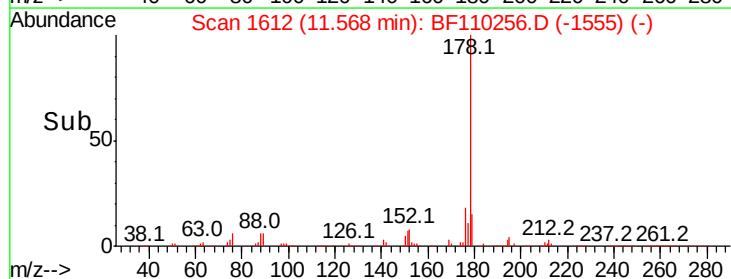
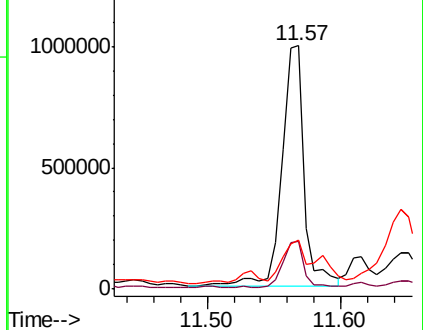
179 19.9 12.5 18.7#

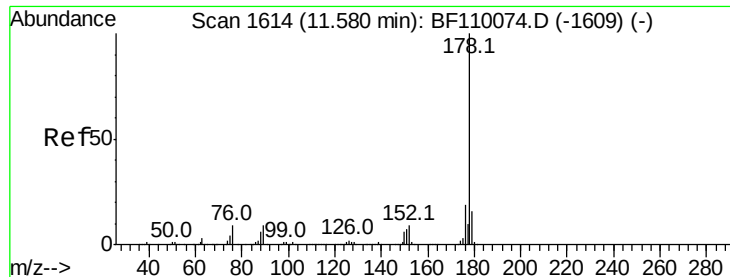


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 12.482 ng

RT: 11.62 min Scan# 1620

Delta R.T. 0.03 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

Instrument :

BNA_F

ClientSampled :

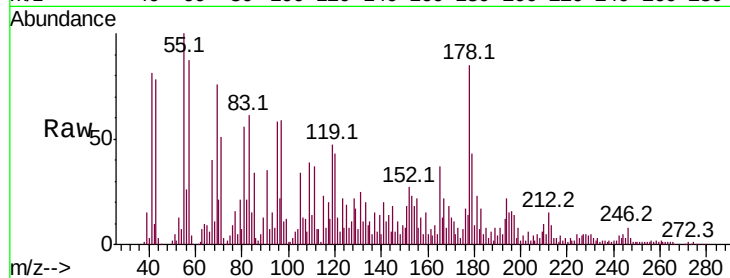
Tot Ion:178 Resp: 122536

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

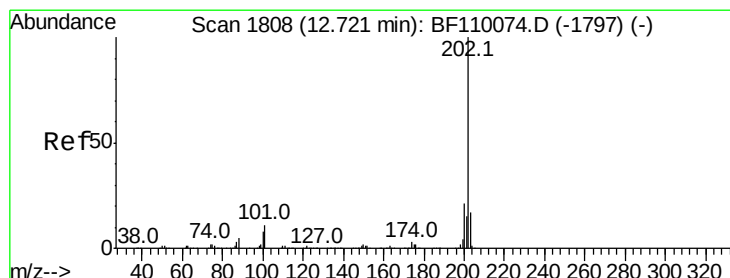
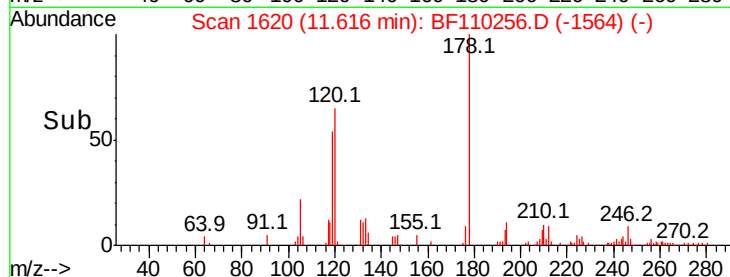
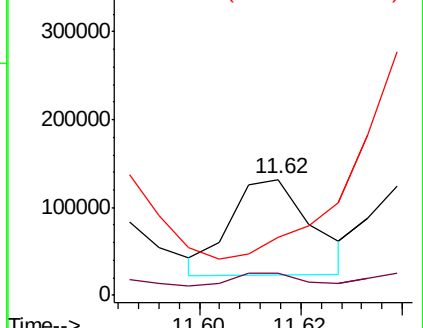
179 50.0 12.6 18.8#



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



#75

Fluoranthene

Concen: 5.445 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.04 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

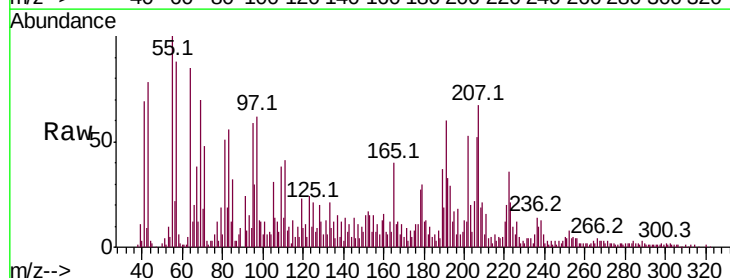
Tgt Ion:202 Resp: 54121

Ion Ratio Lower Upper

202 100

101 22.7 0.0 31.4

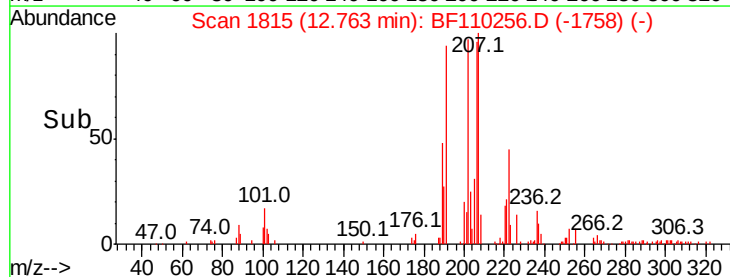
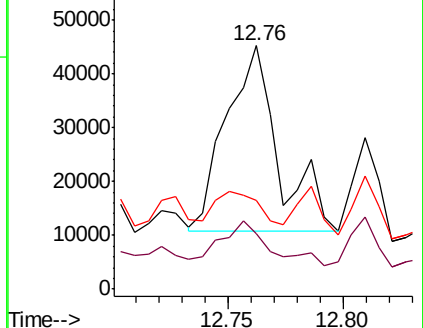
203 36.6 0.0 37.7

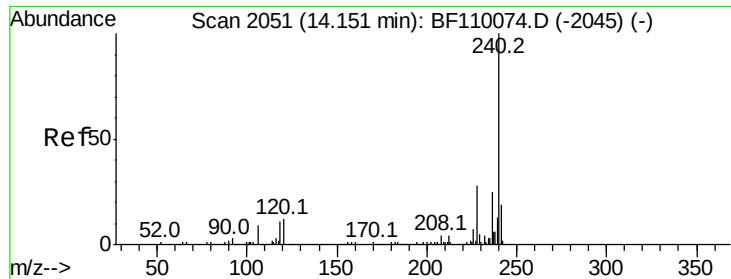


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

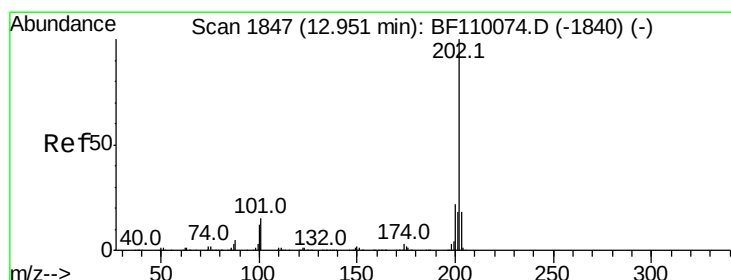
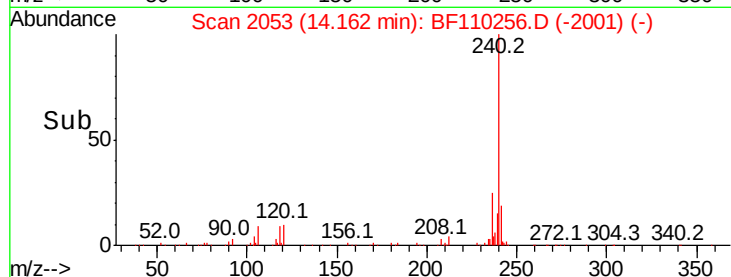
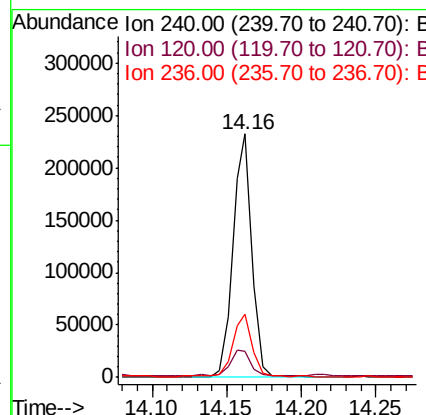
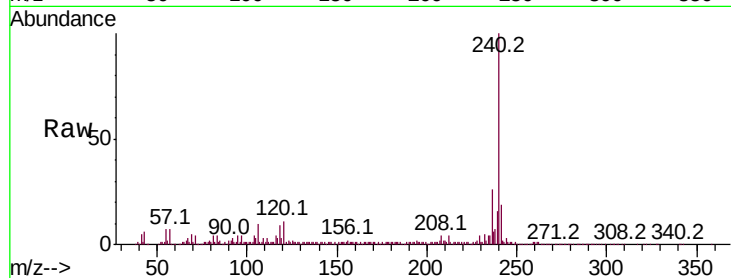




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

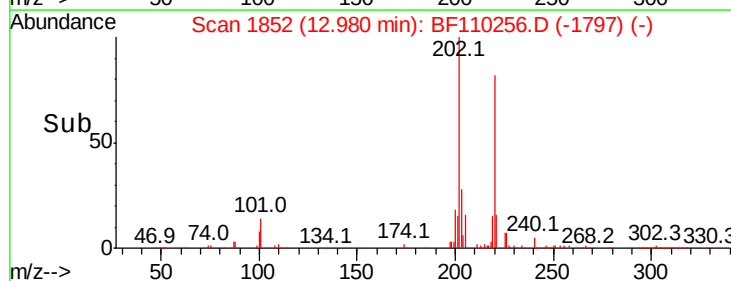
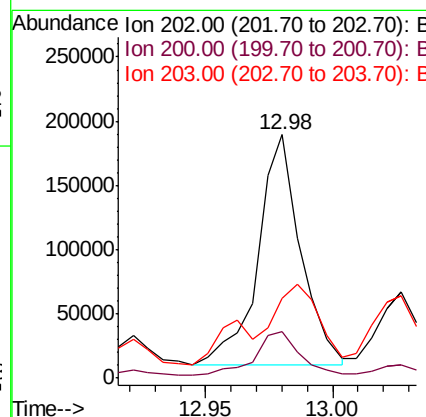
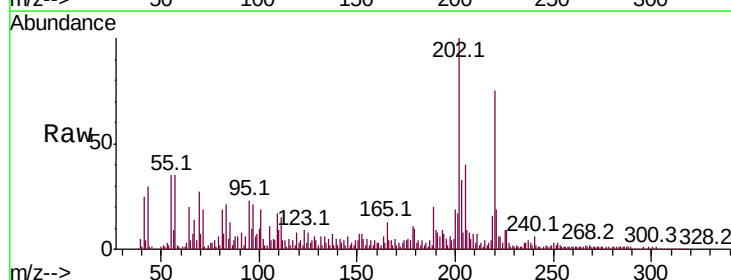
Instrument :
BNA_F
ClientSampleId :

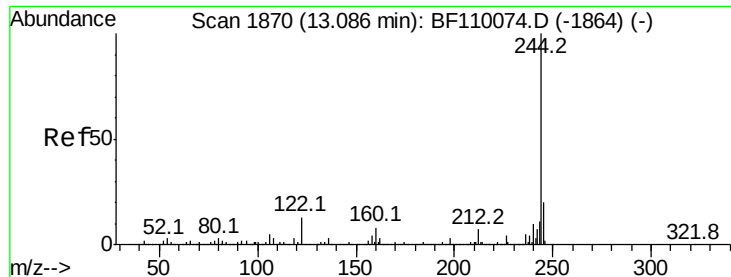
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.3	12.5
236	26.0	21.2	31.8



#78
Pyrene
Concen: 14.240 ng
RT: 12.98 min Scan# 1852
Delta R.T. 0.02 min
Lab File: BF110256.D
Acq: 29 Oct 2018 12:25

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.0	17.8	26.6
203	32.7	14.2	21.4#





#79

Terphenyl-d14

Concen: 52.409 ng

RT: 13.10 min Scan# 1873

Delta R.T. 0.01 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

Instrument :

BNA_F

ClientSampleId :

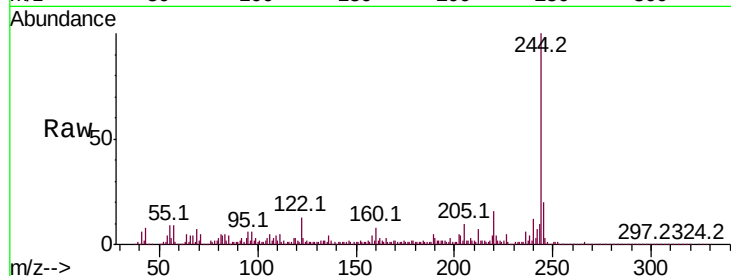
Tot Ion:244 Resp: 521368

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

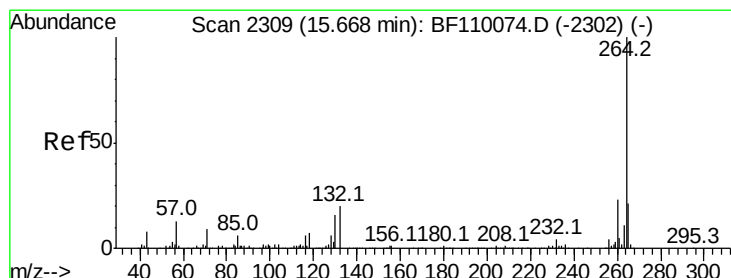
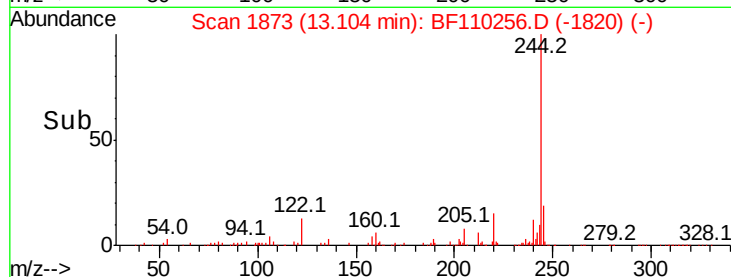
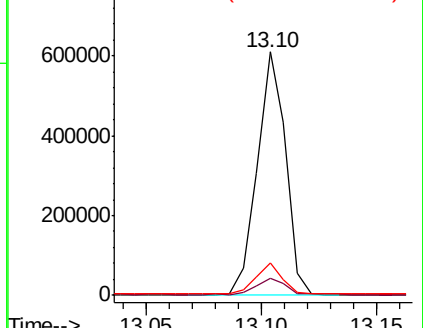
122 13.4 8.7 13.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2312

Delta R.T. -0.00 min

Lab File: BF110256.D

Acq: 29 Oct 2018 12:25

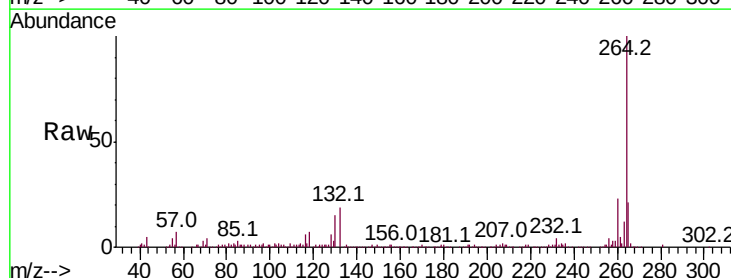
Tgt Ion:264 Resp: 182953

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 20.6 16.7 25.1



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

