

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF071417\
 Data File : BF096767.D
 Acq On : 14 Jul 2017 11:18
 Operator : SJ/JU
 Sample : I4172-04DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 14 12:33:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	103724	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	305711	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	152707	20.00	ng	0.02
63) Phenanthrene-d10	11.15	188	248787	20.00	ng	0.00
75) Chrysene-d12	13.77	240	181311	20.00	ng	0.00
86) Perylene-d12	15.16	264	178784	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	161660	23.43	ng	0.00
7) Phenol-d6	6.27	99	194886	23.54	ng	0.00
23) Nitrobenzene-d5	7.20	82	101524	20.57	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	18762	14.39	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	175347	18.14	ng	0.00
78) Terphenyl-d14	12.73	244	133254	12.75	ng	0.00

Target Compounds

						Qvalue
9) Benzaldehyde	6.19	77	11493	2.402	ng	# 1
12) 1,3-Dichlorobenzene	6.58	146	113186	14.308	ng	99
13) 1,4-Dichlorobenzene	6.66	146	522734	65.250	ng	95
14) 1,2-Dichlorobenzene	6.82	146	1153273	158.273	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.92	45	166467	11.462	ng	# 1
18) Hexachloroethane	7.14	117	48385	17.033	ng	# 1
22) Acetophenone	7.05	105	430680	63.032	ng	# 50
24) Nitrobenzene	7.22	77	28336	5.551	ng	# 9
27) 2,4-Dimethylphenol	7.73	122	16101	3.448	ng	94
28) bis(2-Chloroethoxy)methane	7.67	93	20696	3.336	ng	# 1
29) 2,4-Dichlorophenol	7.79	162	11212	2.653	ng	# 41
30) 1,2,4-Trichlorobenzene	7.87	180	85647	21.312	ng	96
31) Naphthalene	7.97	128	4095573	282.801	ng	98
32) Benzoic acid	7.73	122	16101	5.395	ng	# 42
33) 4-Chloroaniline	7.97	127	607872	105.941	ng	# 35
35) Caprolactam	8.37	113	25053	18.499	ng	# 1
36) 4-Chloro-3-methylphenol	8.62	107	27636	6.081	ng	97
37) 2-Methylnaphthalene	8.67	142	4338755	469.925	ng	97
45) 1,1'-Biphenyl	9.11	154	682340	52.100	ng	98
47) 2-Nitroaniline	9.21	65	18962	5.720	ng	# 46
48) Acenaphthylene	9.55	152	103309	6.723	ng	# 1
49) Dimethylphthalate	9.41	163	27401	2.383	ng	# 30
50) 2,6-Dinitrotoluene	9.53	165	5501	2.209	ng	# 2
51) Acenaphthene	9.72	154	228725	25.198	ng	93
52) 3-Nitroaniline	9.64	138	6376	2.161	ng	# 31
53) 2,4-Dinitrophenol	9.73	184	1471	7.833	ng	# 1
54) Dibenzofuran	9.89	168	179855	14.139	ng	# 56
55) 4-Nitrophenol	9.84	139	19186	8.901	ng	92
56) 2,4-Dinitrotoluene	9.87	165	14973	4.679	ng	# 68
57) Fluorene	10.23	166	216994	23.085	ng	# 88
60) 4-Chlorophenyl-phenylether	10.24	204	1088	Below Cal		# 1
62) Azobenzene	10.37	77	25047	2.536	ng	# 1
65) n-Nitrosodiphenylamine	10.35	169	272837	30.679	ng	# 42
70) Phenanthrene	11.18	178	412038	30.460	ng	98

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF071417\
Data File : BF096767.D
Acq On : 14 Jul 2017 11:18
Operator : SJ/JU
Sample : I4172-04DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 14 12:33:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 14:49:34 2017
Response via : Initial Calibration

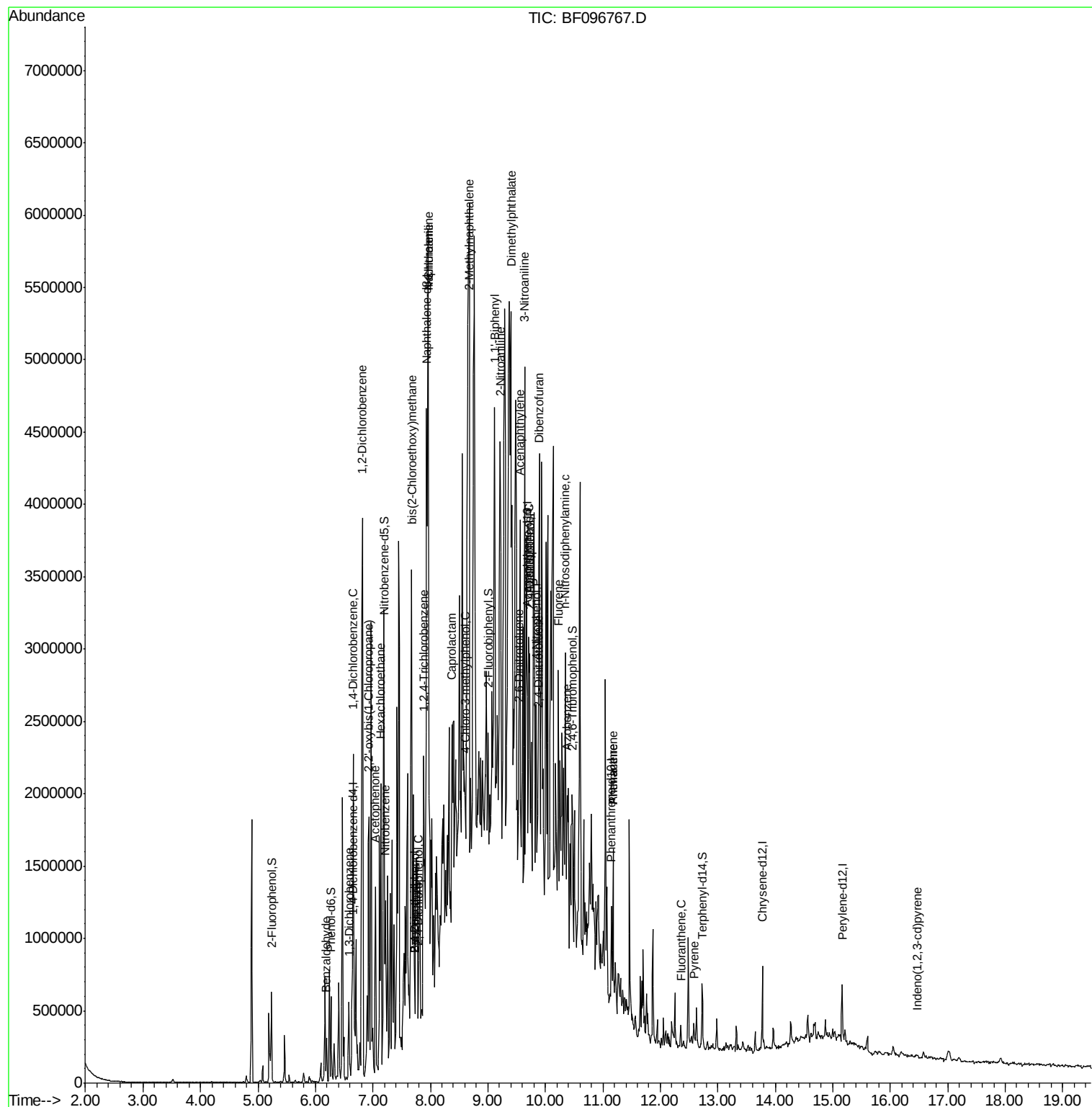
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Anthracene	11.18	178	412038	30.126	ng	99
74) Fluoranthene	12.36	202	56221	4.342	ng	98
77) Pyrene	12.58	202	68988	4.193	ng	98
85) Indeno(1,2,3-cd)pyrene	16.47	276	6932	3.977	ng #	85

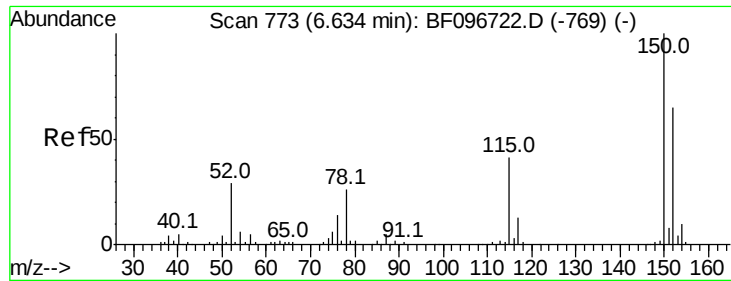
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF071417\
Data File : BF096767.D
Acq On : 14 Jul 2017 11:18
Operator : SJ/JU
Sample : I4172-04DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 14 12:33:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 14:49:34 2017
Response via : Initial Calibration



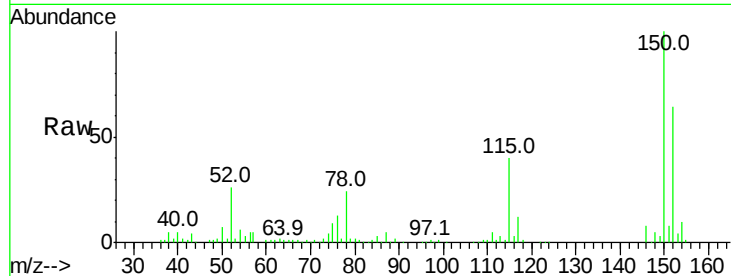


#1

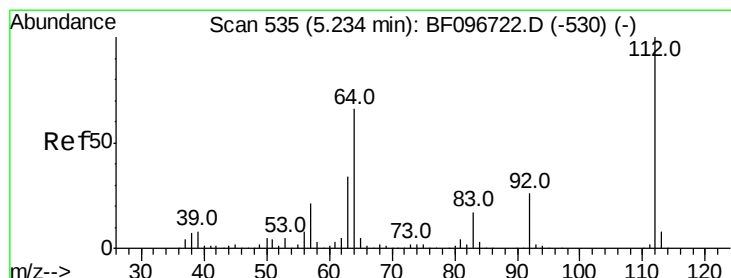
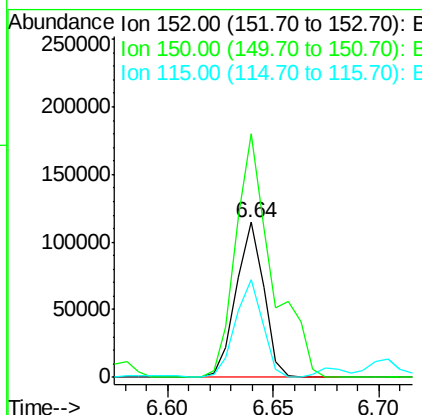
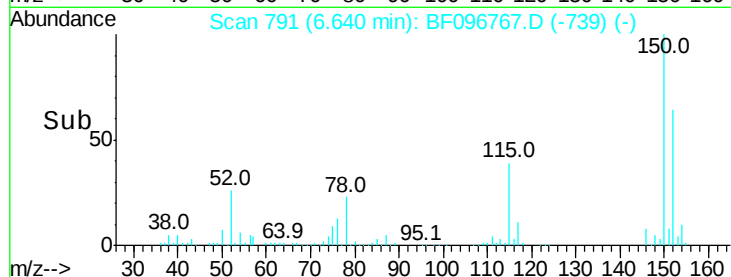
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.64 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF096767.D
Acq: 14 Jul 2017 11:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 103724
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.2
115 62.9 52.2 78.2



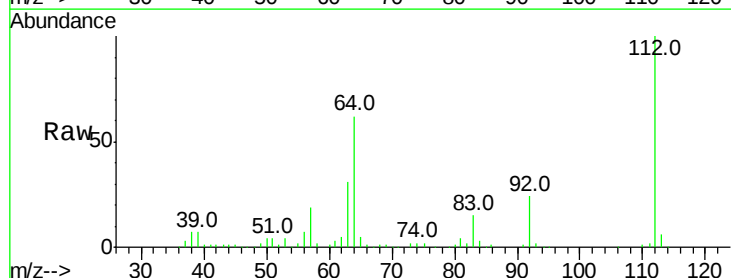
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



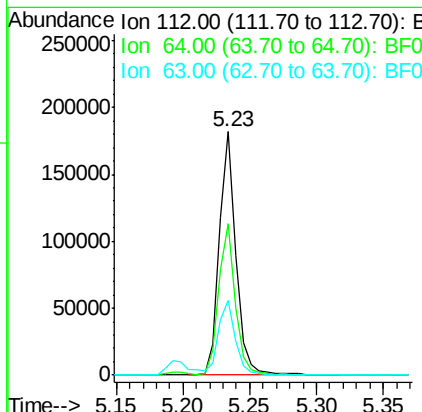
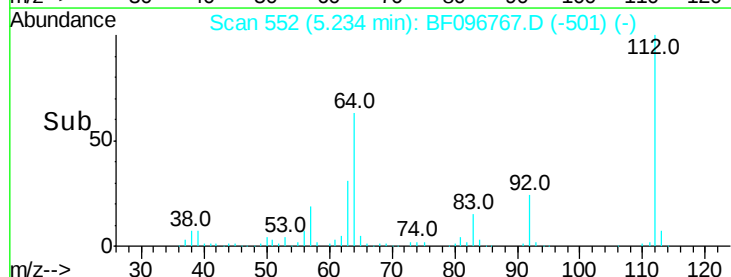
#5

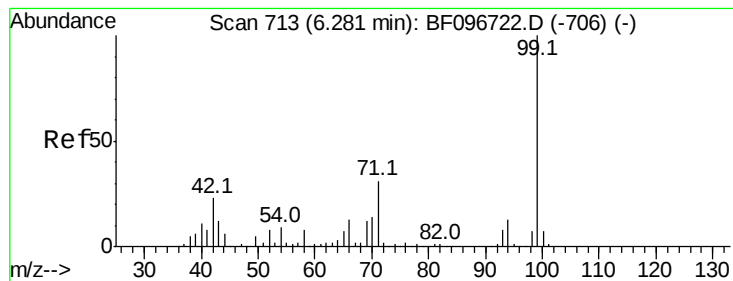
2-Fluorophenol
Concen: 23.434 ng
RT: 5.23 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF096767.D
Acq: 14 Jul 2017 11:18

Tgt Ion:112 Resp: 161660
Ion Ratio Lower Upper
112 100
64 62.3 46.0 69.0
63 30.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.542 ng

RT: 6.27 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF096767.D

Acq: 14 Jul 2017 11:18

Instrument :

BNA_F

ClientSampled :

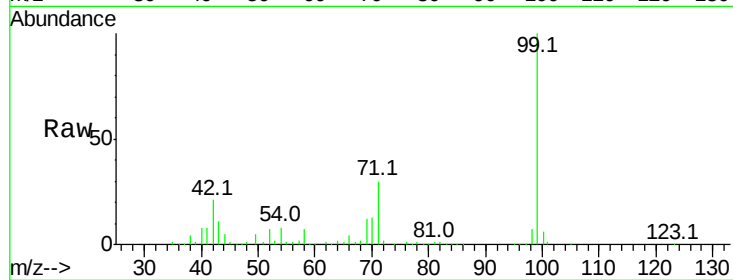
Tot Ion: 99 Resp: 194886

Ion Ratio Lower Upper

99 100

42 20.6 13.5 20.3#

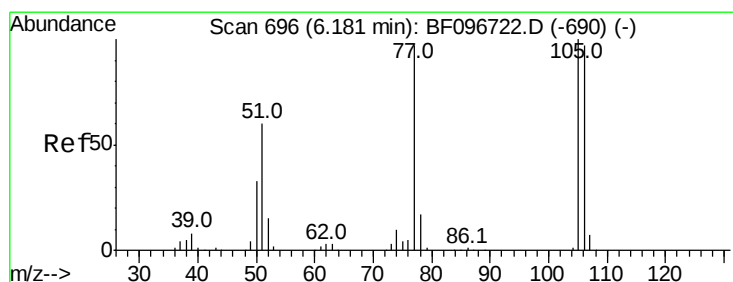
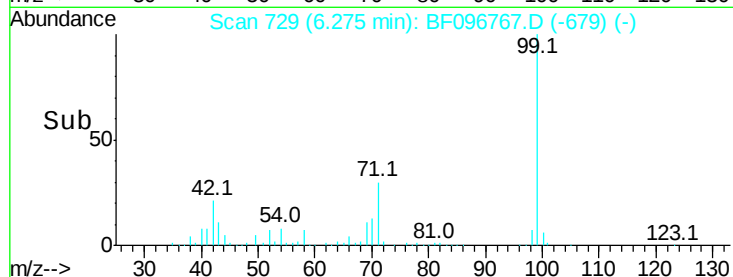
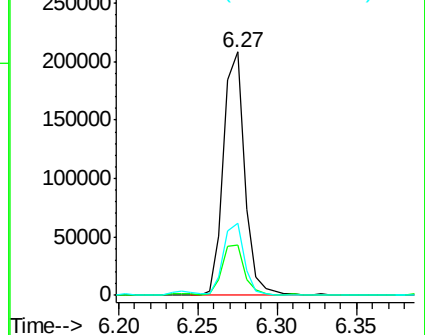
71 29.7 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 2.402 ng

RT: 6.19 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF096767.D

Acq: 14 Jul 2017 11:18

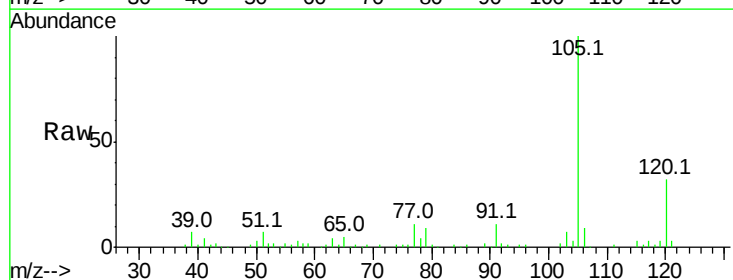
Tgt Ion: 77 Resp: 11493

Ion Ratio Lower Upper

77 100

105 934.4 83.8 123.8#

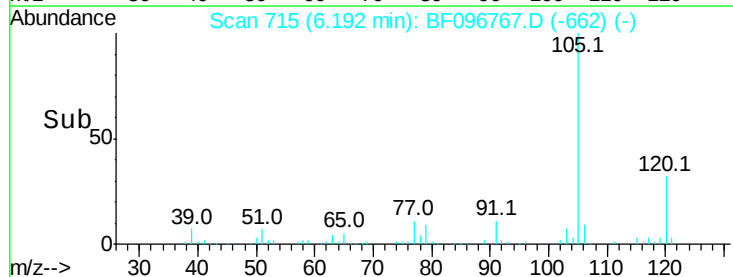
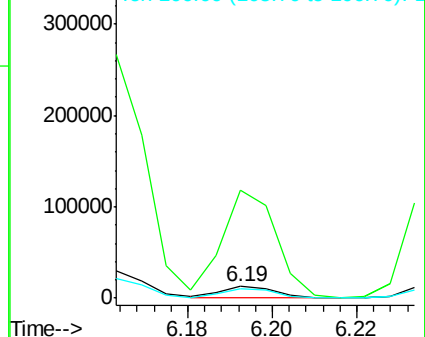
106 83.6 79.1 119.1

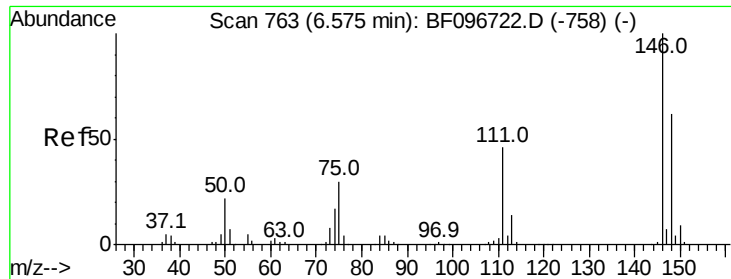


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#12

1,3-Dichlorobenzene

Concen: 14.308 ng

RT: 6.58 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF096767.D

Acq: 14 Jul 2017 11:18

Instrument :

BNA_F

ClientSampleId :

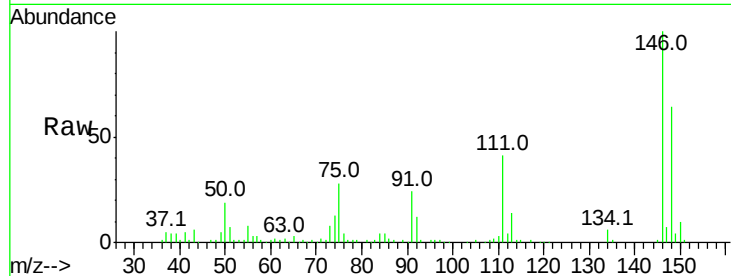
Tot Ion:146 Resp: 113186

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

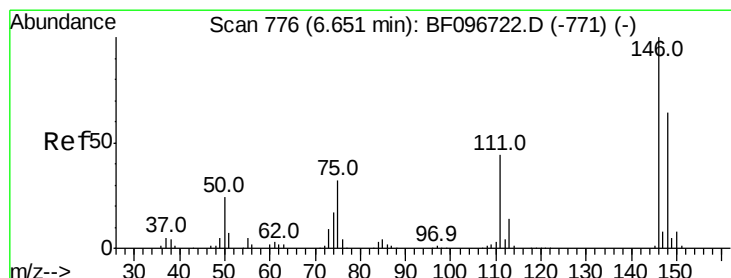
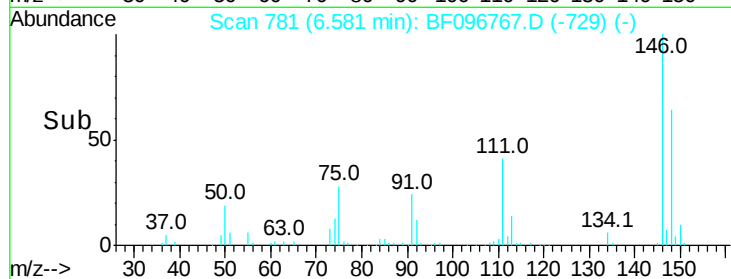
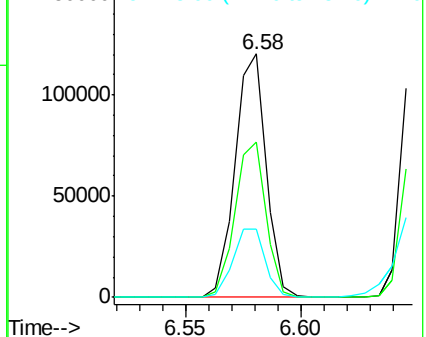
75 27.8 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 65.250 ng

RT: 6.66 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF096767.D

Acq: 14 Jul 2017 11:18

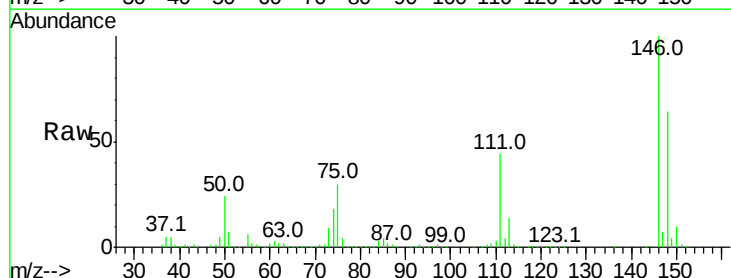
Tgt Ion:146 Resp: 522734

Ion Ratio Lower Upper

146 100

148 63.6 52.2 78.2

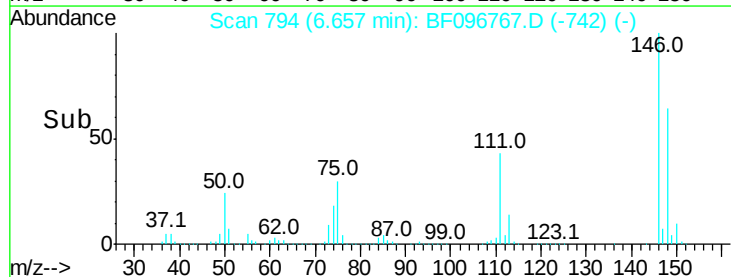
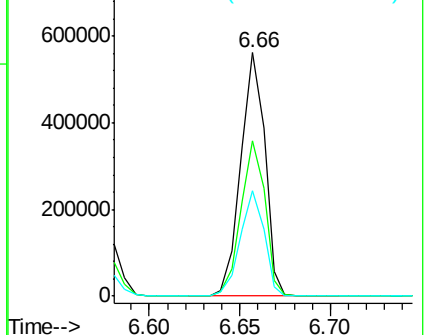
111 43.5 30.3 45.5

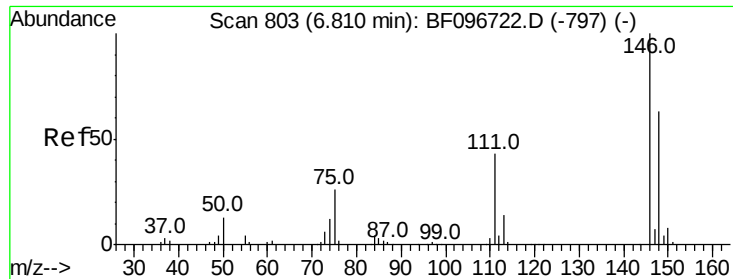


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 158.273 ng

RT: 6.82 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF096767.D

Acq: 14 Jul 2017 11:18

Instrument :

BNA_F

ClientSampleId :

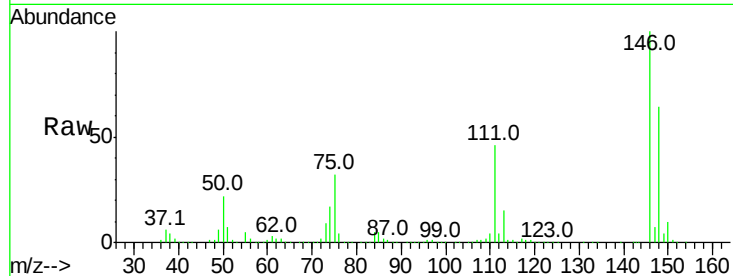
Tot Ion:146 Resp: 1153273

Ion Ratio Lower Upper

146 100

148 64.3 50.4 75.6

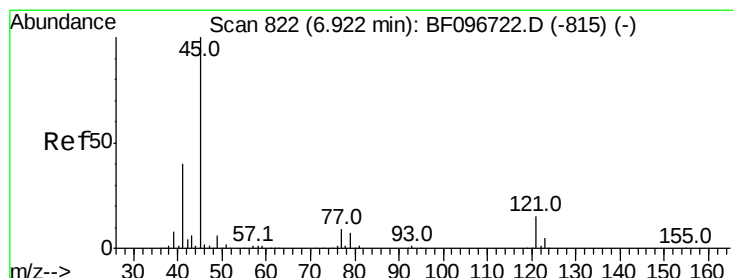
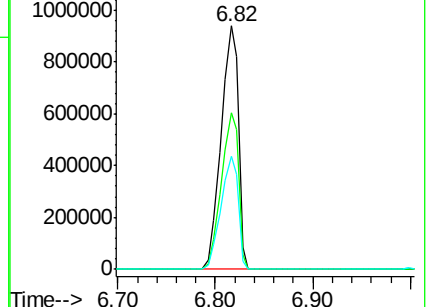
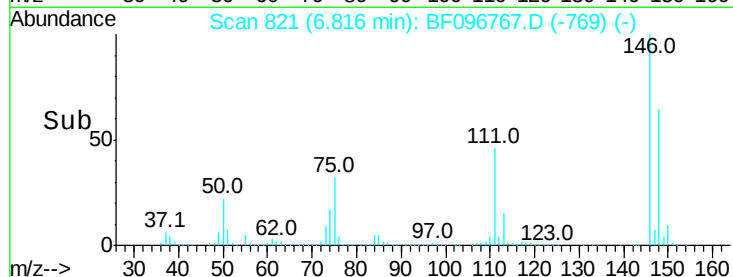
111 46.2 38.2 57.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 11.462 ng

RT: 6.92 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF096767.D

Acq: 14 Jul 2017 11:18

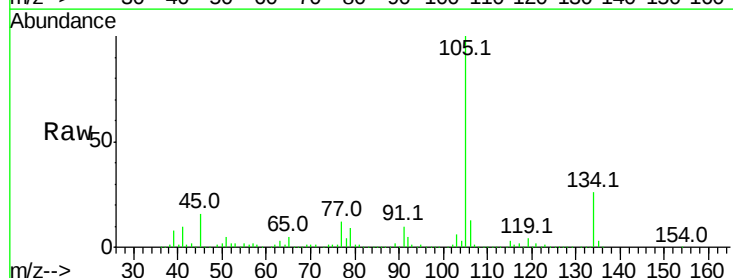
Tgt Ion: 45 Resp: 166467

Ion Ratio Lower Upper

45 100

77 73.9 0.0 33.2#

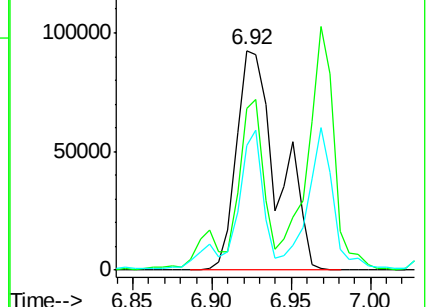
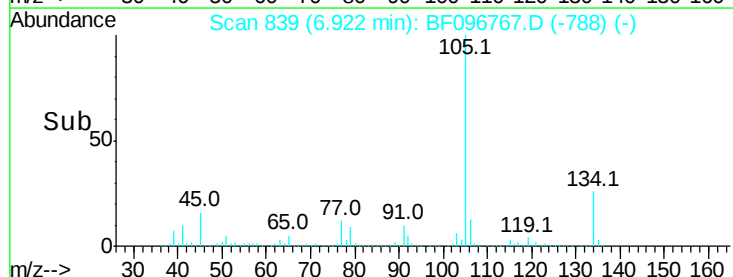
79 56.9 0.0 30.0#

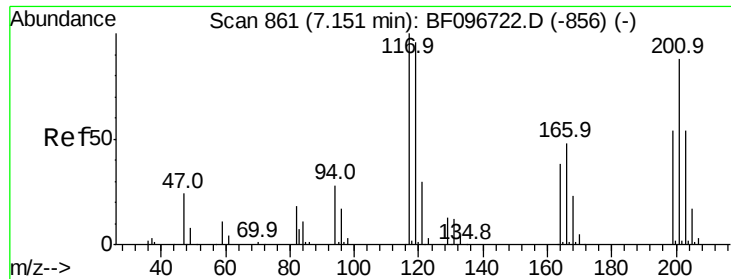


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

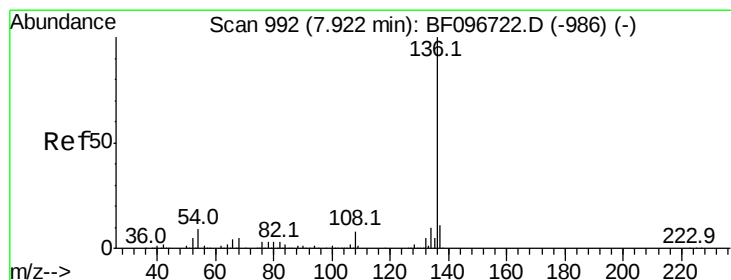
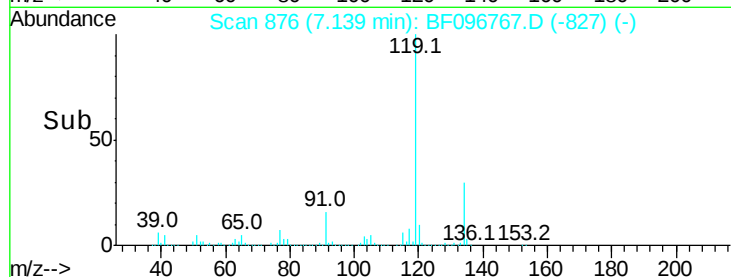
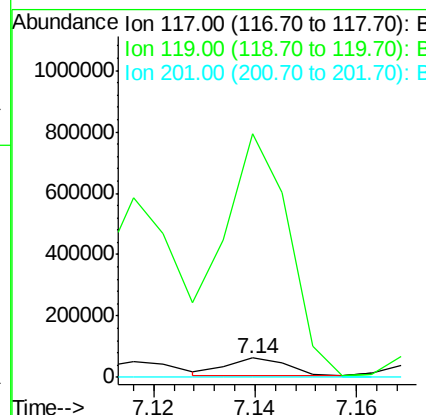
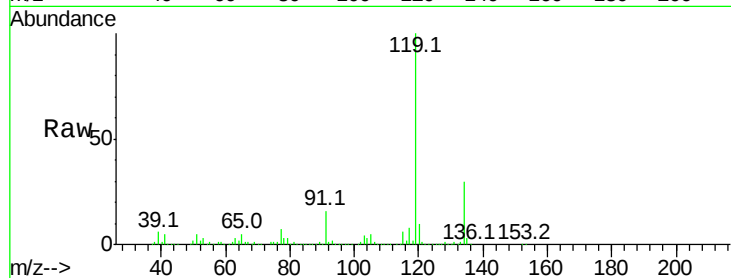




#18
Hexachloroethane
Concen: 17.033 ng
RT: 7.14 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF096767.D
Acq: 14 Jul 2017 11:18

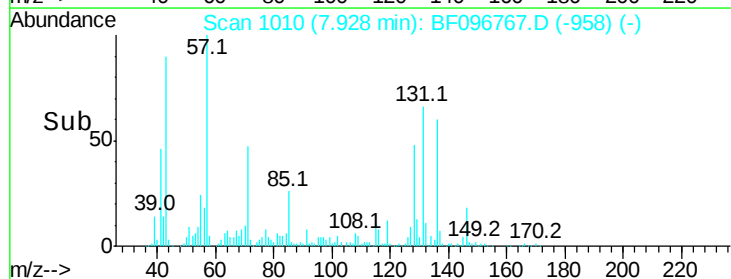
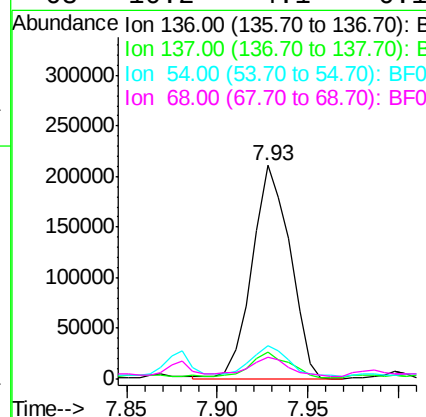
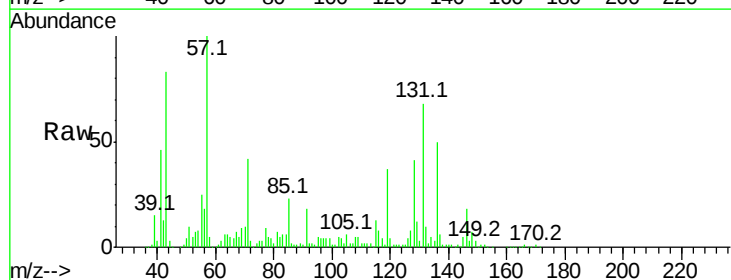
Instrument :
BNA_F
ClientSampled :

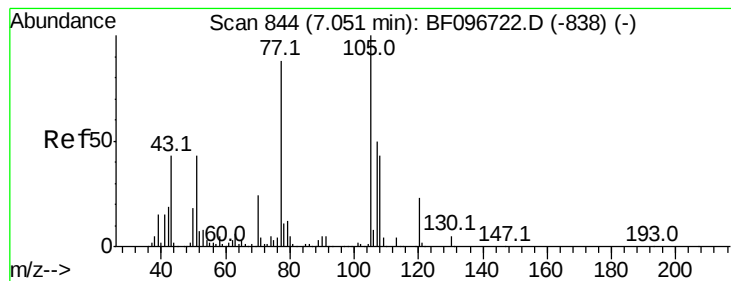
Tot Ion:117 Resp: 48385
Ion Ratio Lower Upper
117 100
119 1265.3 77.4 116.0#
201 0.0 94.6 141.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF096767.D
Acq: 14 Jul 2017 11:18

Tgt Ion:136 Resp: 305711
Ion Ratio Lower Upper
136 100
137 12.4 8.5 12.7
54 15.5 4.9 7.3#
68 10.2 4.1 6.1#





#22

Acetophenone

Concen: 63.032 ng

RT: 7.05 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF096767.D

Acq: 14 Jul 2017 11:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 430680

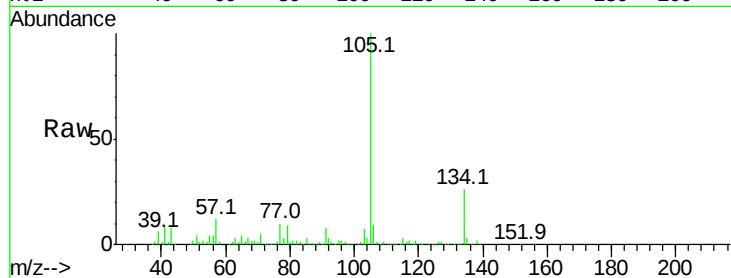
Ion Ratio Lower Upper

105 100

71 5.4 2.8 4.2#

51 4.4 30.7 46.1#

120 0.3 17.4 26.0#

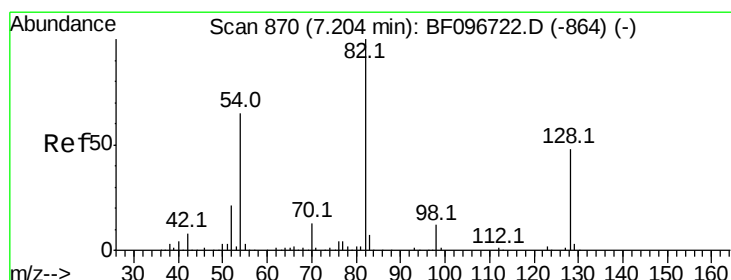
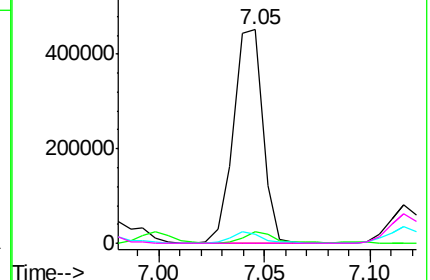
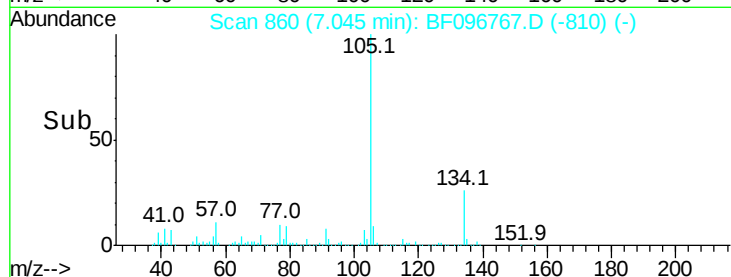


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 20.570 ng

RT: 7.20 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF096767.D

Acq: 14 Jul 2017 11:18

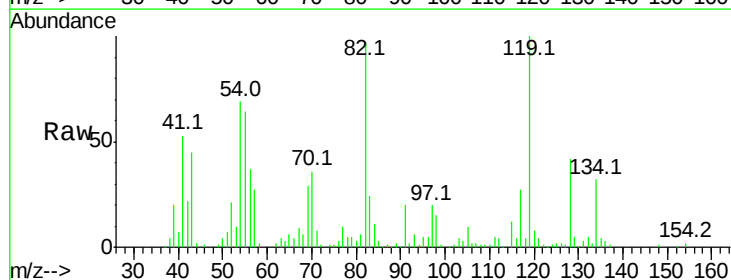
Tgt Ion: 82 Resp: 101524

Ion Ratio Lower Upper

82 100

128 42.7 34.0 51.0

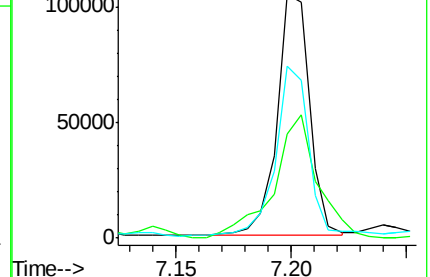
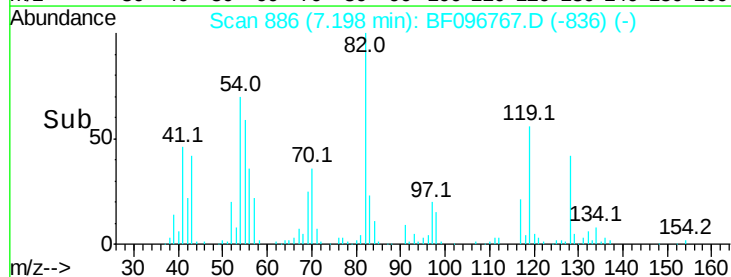
54 70.5 42.2 63.2#

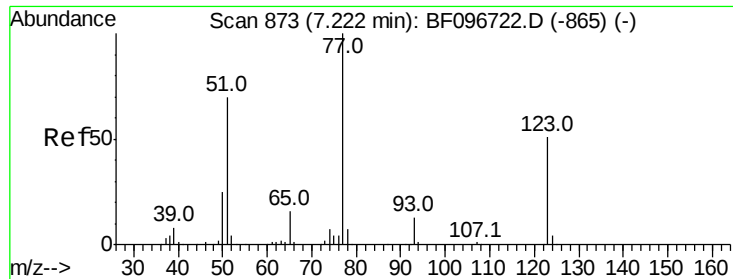


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

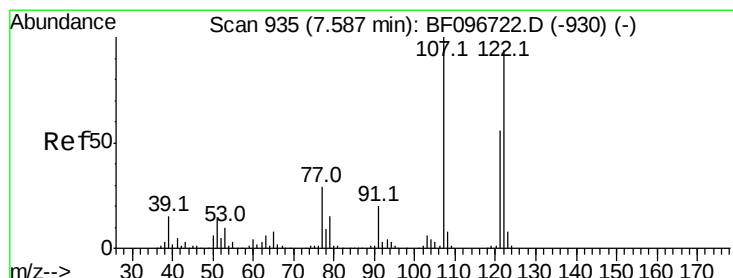
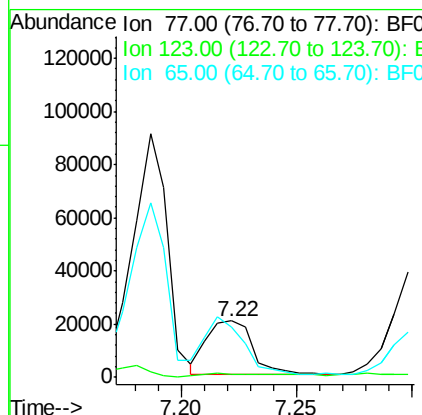
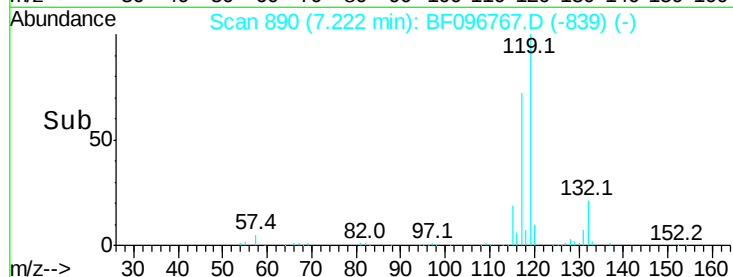
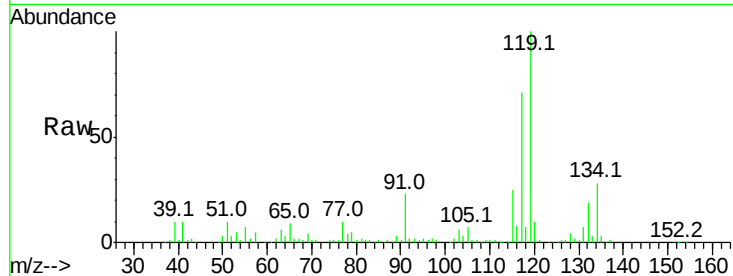




#24
 Nitrobenzene
 Concen: 5.551 ng
 RT: 7.22 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BF096767.D
 Acq: 14 Jul 2017 11:18

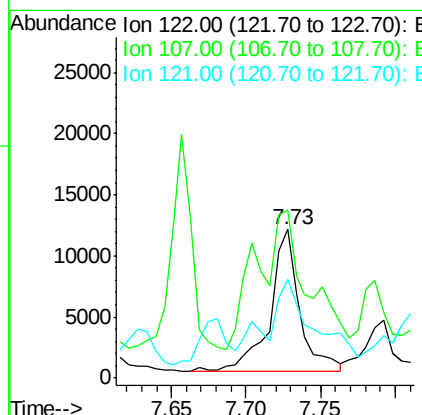
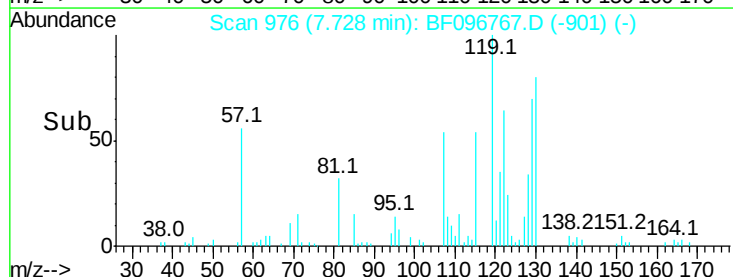
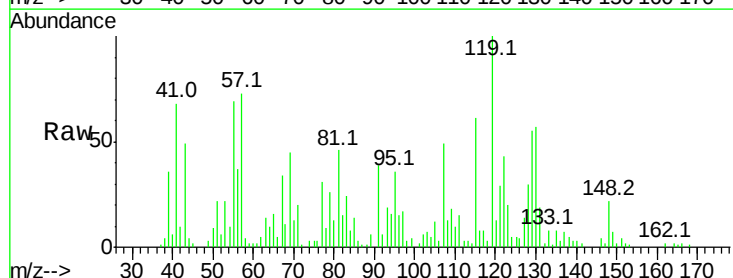
Instrument :
 BNA_F
 ClientSampled :

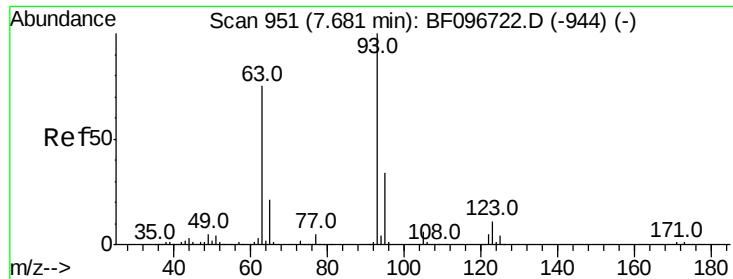
Tot Ion: 77 Resp: 28336
 Ion Ratio Lower Upper
 77 100
 123 4.2 35.8 53.8#
 65 88.3 10.6 15.8#



#27
 2,4-Dimethylphenol
 Concen: 3.448 ng
 RT: 7.73 min Scan# 976
 Delta R.T. 0.14 min
 Lab File: BF096767.D
 Acq: 14 Jul 2017 11:18

Tgt Ion:122 Resp: 16101
 Ion Ratio Lower Upper
 122 100
 107 113.5 89.2 133.8
 121 66.9 45.2 67.8

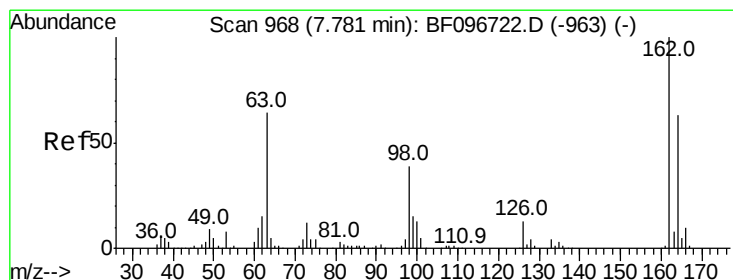
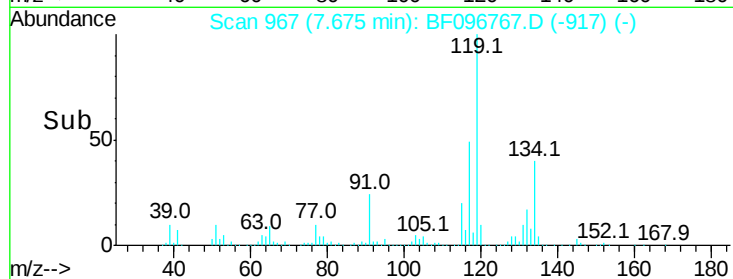
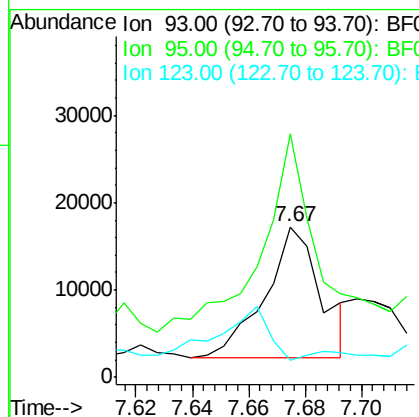
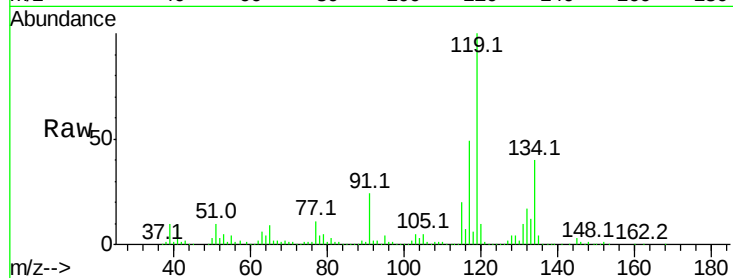




#28
bis(2-Chloroethoxy)methane
Concen: 3.336 ng
RT: 7.67 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF096767.D
Acq: 14 Jul 2017 11:18

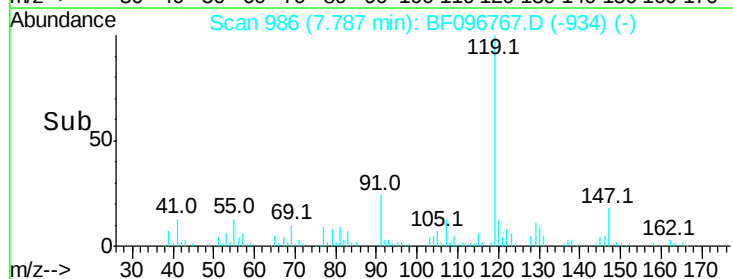
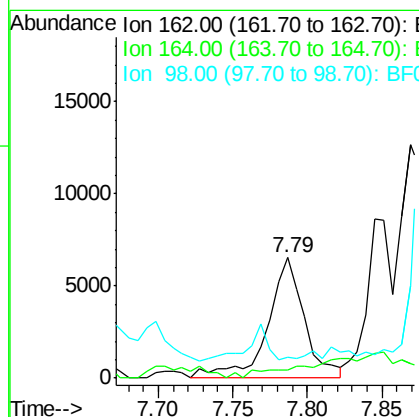
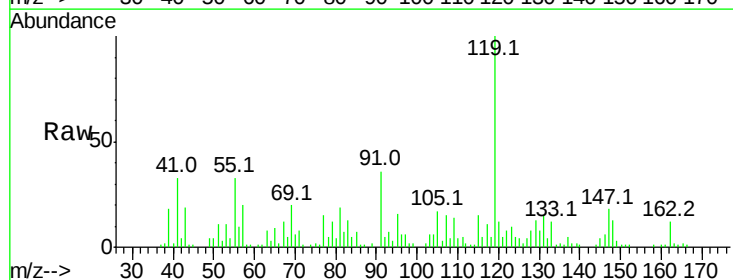
Instrument :
BNA_F
ClientSampleId :

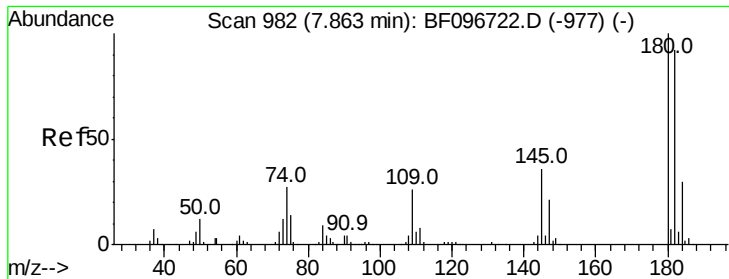
Tot Ion: 93 Resp: 20696
Ion Ratio Lower Upper
93 100
95 161.8 26.5 39.7#
123 11.7 9.0 13.4



#29
2,4-Dichlorophenol
Concen: 2.653 ng
RT: 7.79 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF096767.D
Acq: 14 Jul 2017 11:18

Tgt Ion: 162 Resp: 11212
Ion Ratio Lower Upper
162 100
164 6.5 44.6 84.6#
98 17.2 14.8 54.8

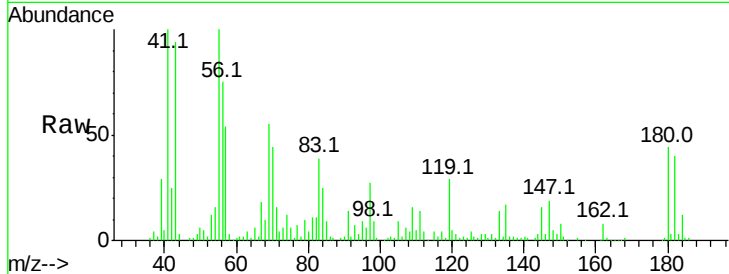




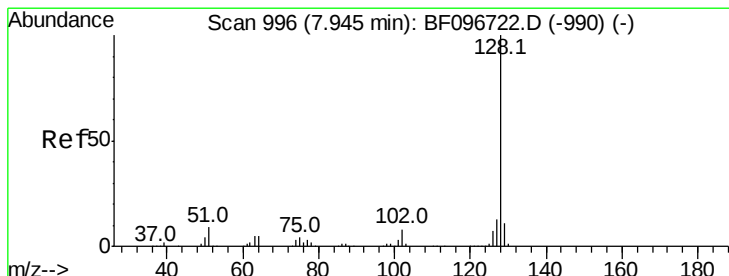
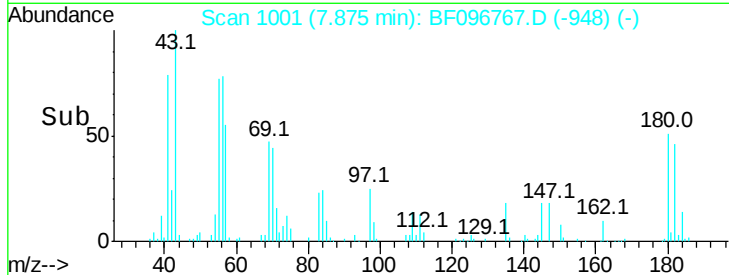
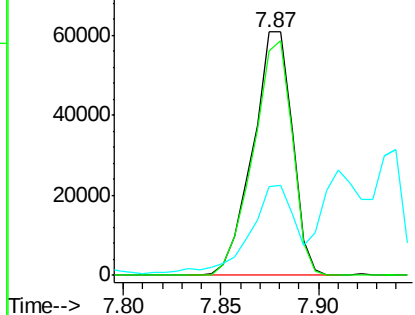
#30
 1,2,4-Trichlorobenzene
 Concen: 21.312 ng
 RT: 7.87 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: BF096767.D
 Acq: 14 Jul 2017 11:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 85647
 Ion Ratio Lower Upper
 180 100
 182 92.1 75.8 113.6
 145 36.7 25.3 37.9

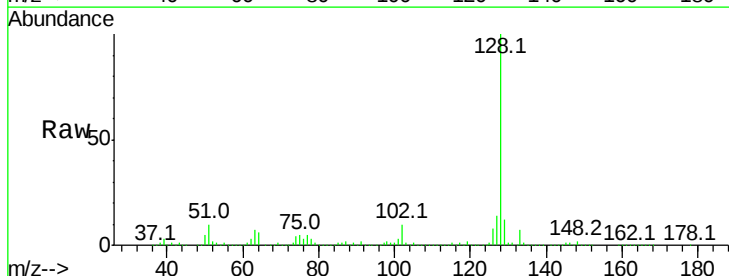


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

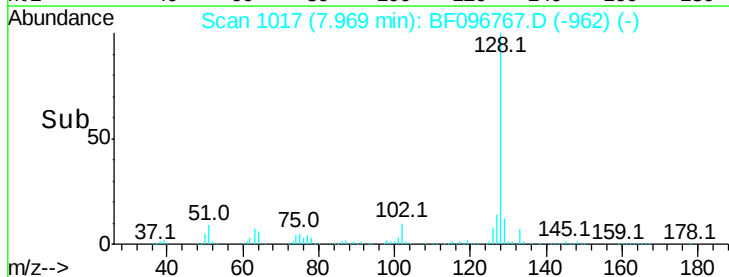
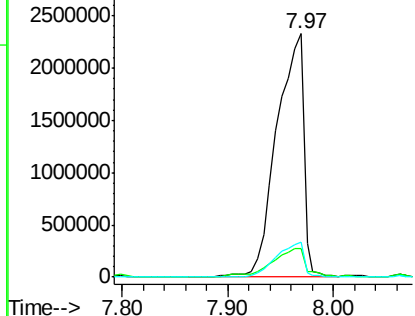


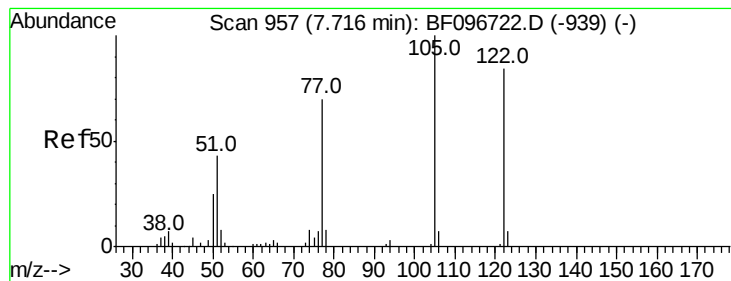
#31
 Naphthalene
 Concen: 282.801 ng
 RT: 7.97 min Scan# 1017
 Delta R.T. 0.02 min
 Lab File: BF096767.D
 Acq: 14 Jul 2017 11:18

Tgt Ion:128 Resp: 4095573
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.0 13.6
 127 14.4 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: 5.395 ng

RT: 7.73 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF096767.D

Acq: 14 Jul 2017 11:18

Instrument :

BNA_F

ClientSampleId :

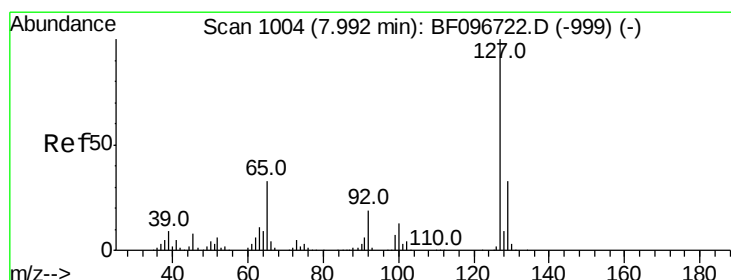
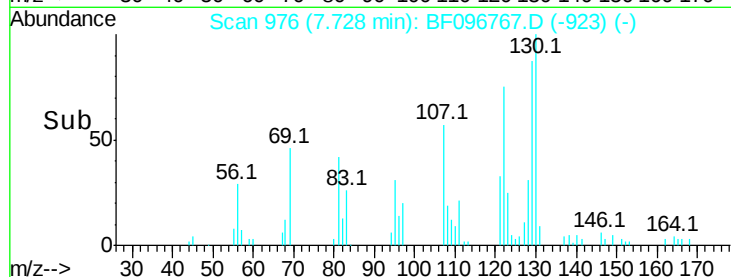
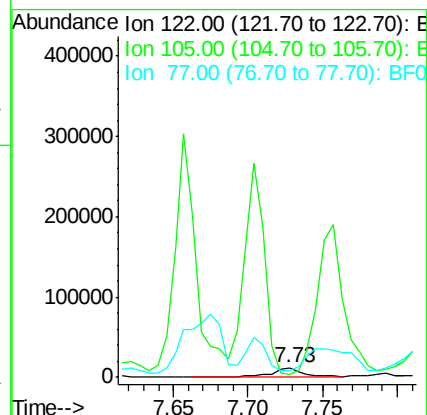
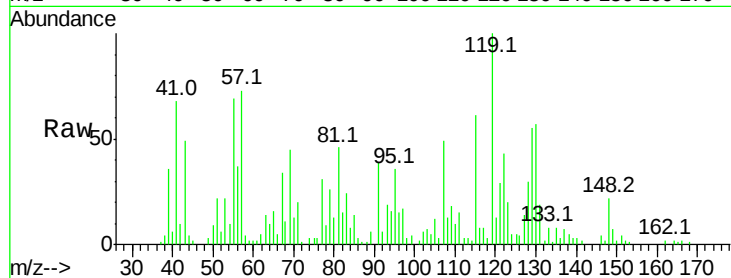
Tot Ion:122 Resp: 16101

Ion Ratio Lower Upper

122 100

105 26.8 103.3 143.3#

77 72.0 73.7 113.7#



#33

4-Chloroaniline

Concen: 105.941 ng

RT: 7.97 min Scan# 1017

Delta R.T. -0.02 min

Lab File: BF096767.D

Acq: 14 Jul 2017 11:18

Tgt Ion:127 Resp: 607872

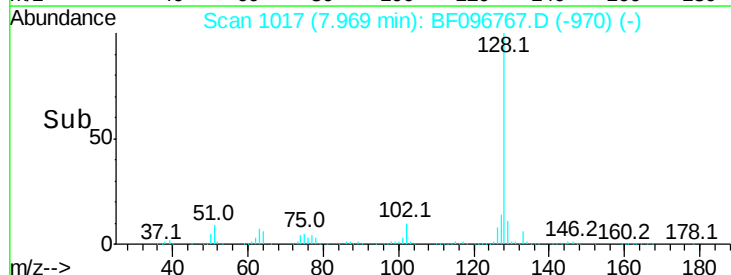
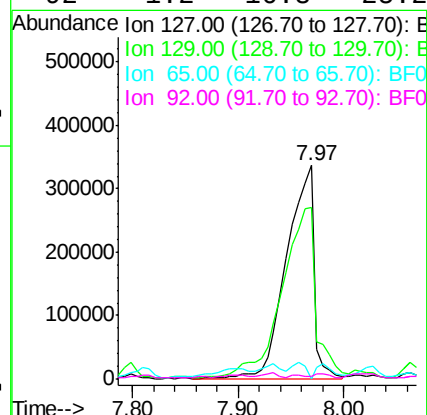
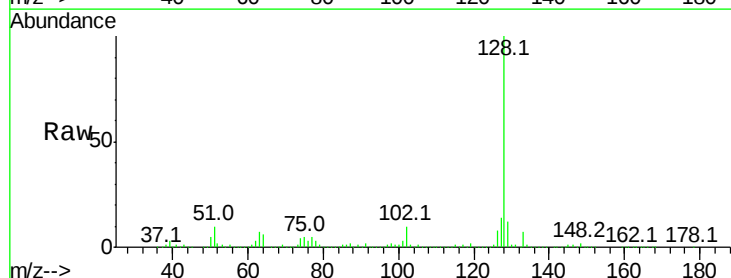
Ion Ratio Lower Upper

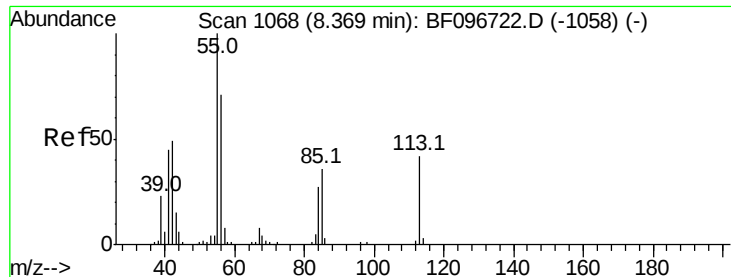
127 100

129 80.2 26.2 39.2#

65 0.0 27.8 41.8#

92 1.2 16.8 25.2#





#35

Caprolactam

Concen: 18.499 ng

RT: 8.37 min Scan# 1086

Delta R.T. 0.01 min

Lab File: BF096767.D

Acq: 14 Jul 2017 11:18

Instrument :

BNA_F

ClientSampleId :

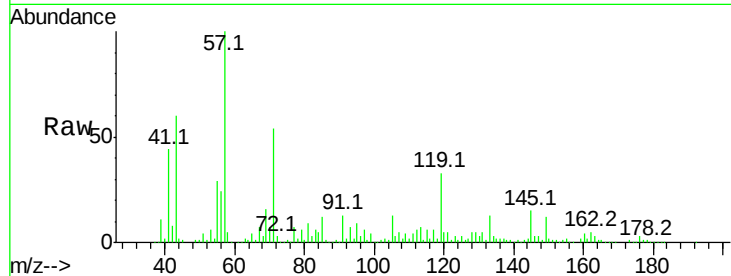
Tot Ion:113 Resp: 25053

Ion Ratio Lower Upper

113 100

55 436.1 150.2 190.2#

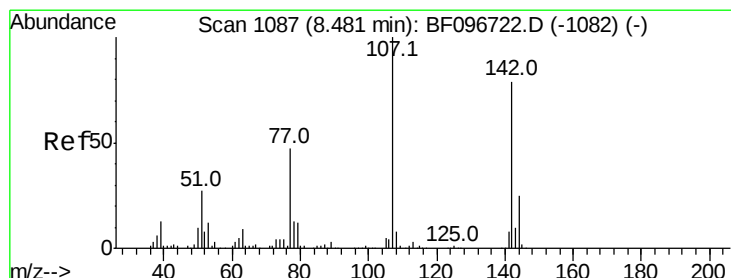
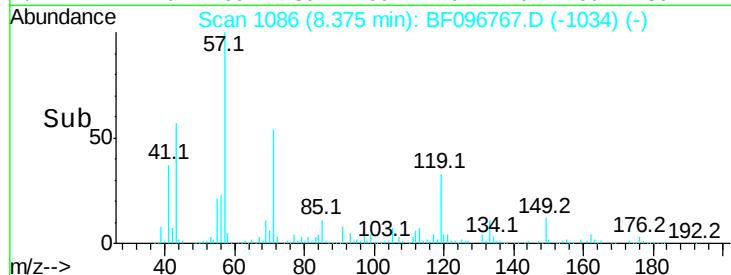
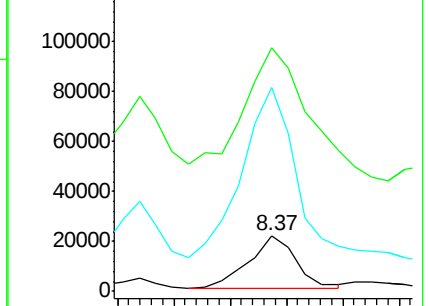
56 365.3 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 6.081 ng

RT: 8.62 min Scan# 1127

Delta R.T. 0.14 min

Lab File: BF096767.D

Acq: 14 Jul 2017 11:18

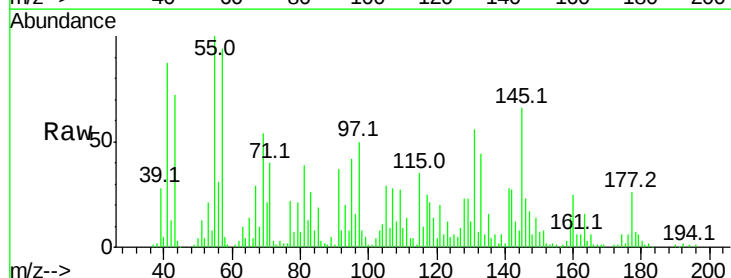
Tgt Ion:107 Resp: 27636

Ion Ratio Lower Upper

107 100

144 29.8 24.2 36.4

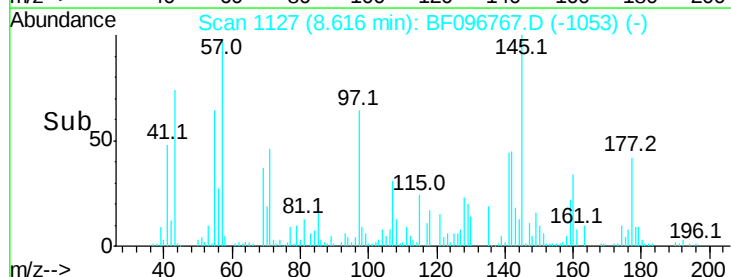
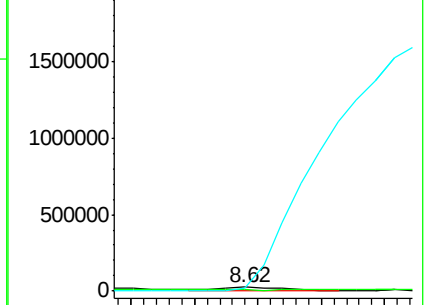
142 95.4 73.4 110.0

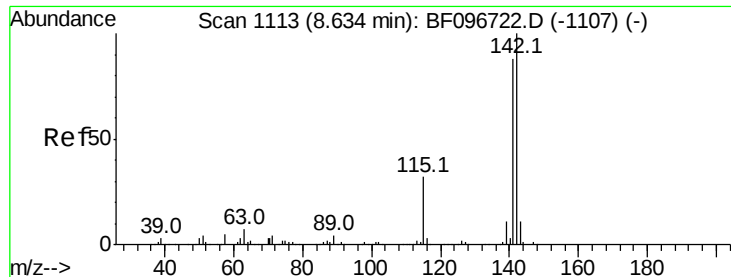


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

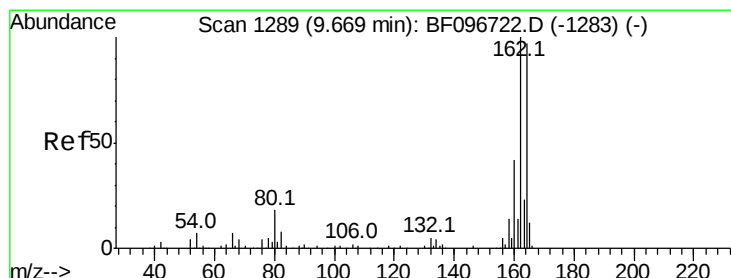
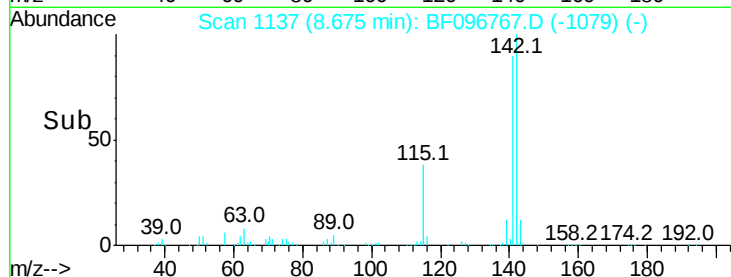
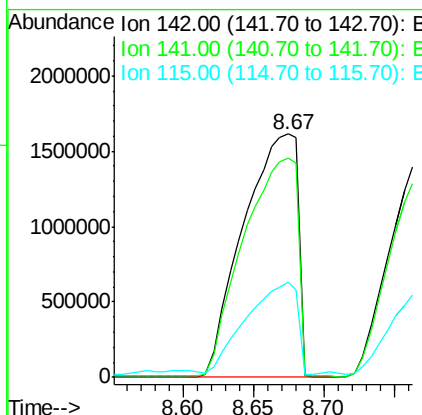
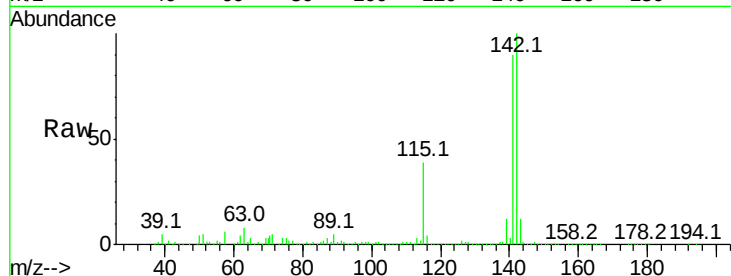




#37
 2-Methylnaphthalene
 Concen: 469.925 ng
 RT: 8.67 min Scan# 1137
 Delta R.T. 0.04 min
 Lab File: BF096767.D
 Acq: 14 Jul 2017 11:18

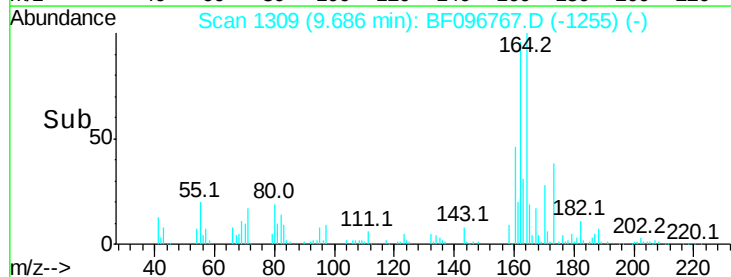
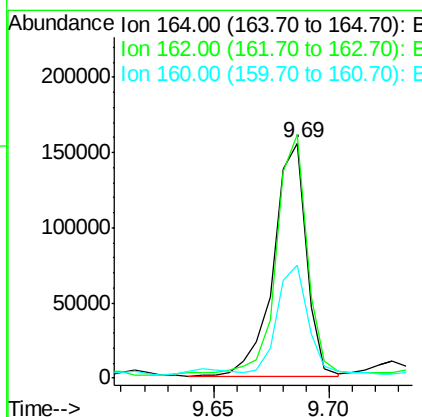
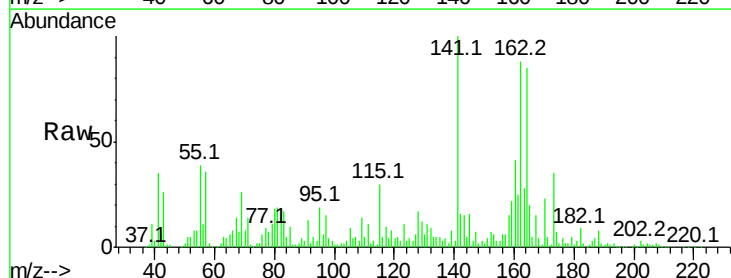
Instrument :
 BNA_F
 ClientSampleId :

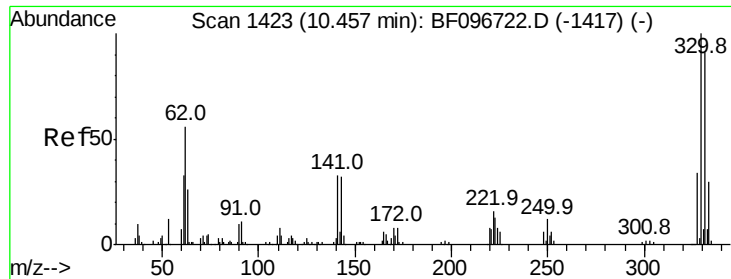
Tot Ion:142 Resp: 4338755
 Ion Ratio Lower Upper
 142 100
 141 90.2 71.3 106.9
 115 38.9 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1309
 Delta R.T. 0.02 min
 Lab File: BF096767.D
 Acq: 14 Jul 2017 11:18

Tgt Ion:164 Resp: 152707
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.6 123.8
 160 48.3 36.2 54.2

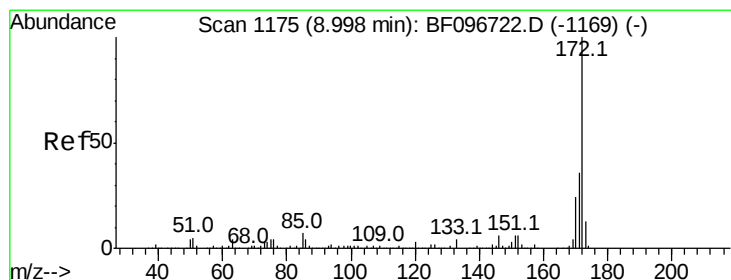
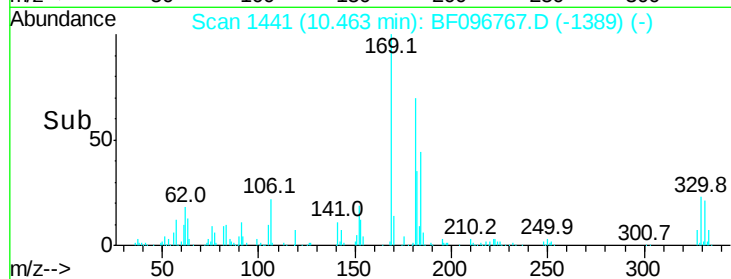
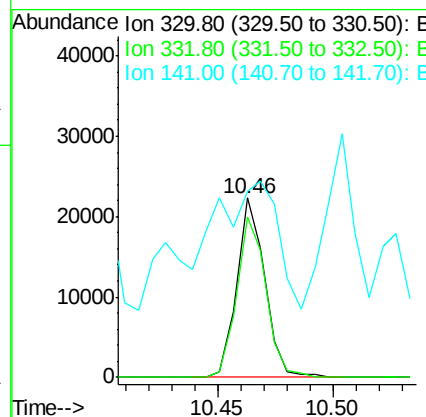
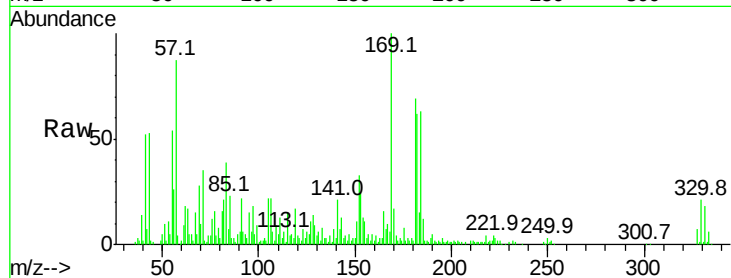




#41
 2,4,6-Tribromophenol
 Concen: 14.394 ng
 RT: 10.46 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF096767.D
 Acq: 14 Jul 2017 11:18

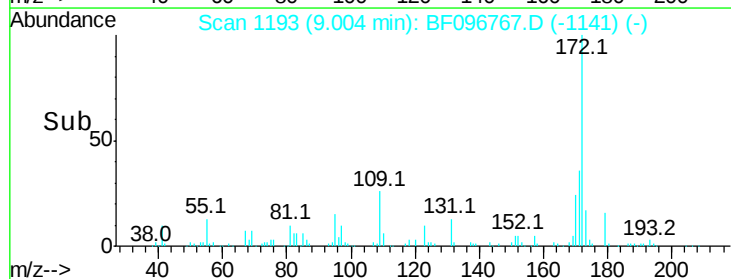
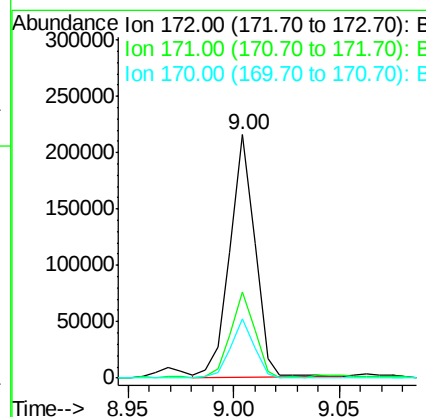
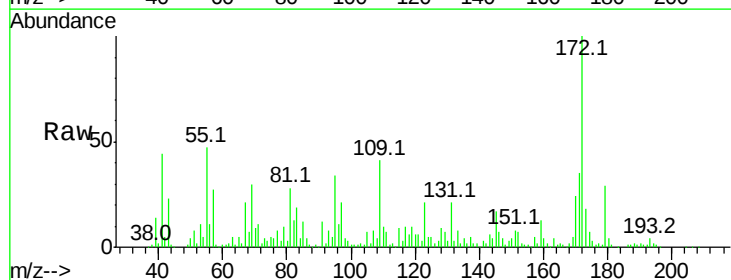
Instrument :
 BNA_F
 ClientSampleId :

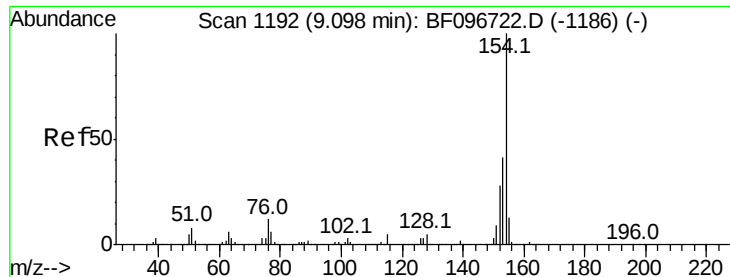
Tot Ion:330 Resp: 18762
 Ion Ratio Lower Upper
 330 100
 332 93.7 76.6 115.0
 141 153.2 31.4 47.2#



#44
 2-Fluorobiphenyl
 Concen: 18.142 ng
 RT: 9.00 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BF096767.D
 Acq: 14 Jul 2017 11:18

Tgt Ion:172 Resp: 175347
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 24.4 19.8 29.8

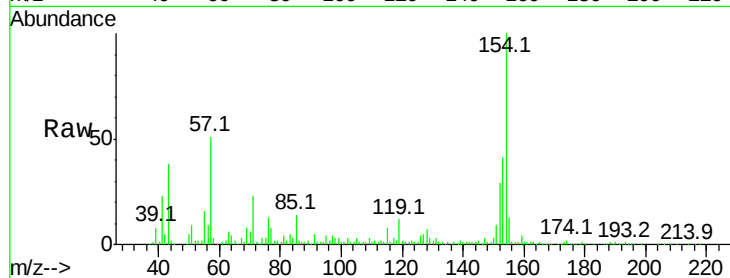




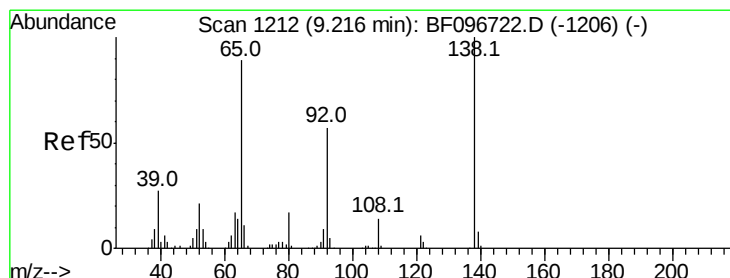
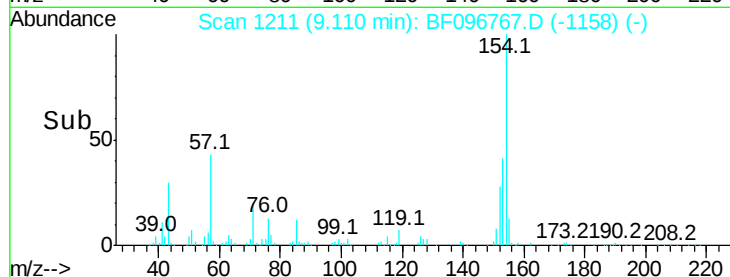
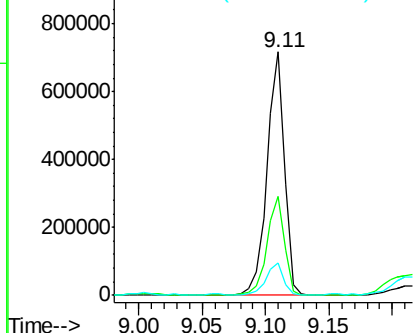
#45
 1,1'-Biphenyl
 Concen: 52.100 ng
 RT: 9.11 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF096767.D
 Acq: 14 Jul 2017 11:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.2	61.2
76	13.1	0.0	29.9

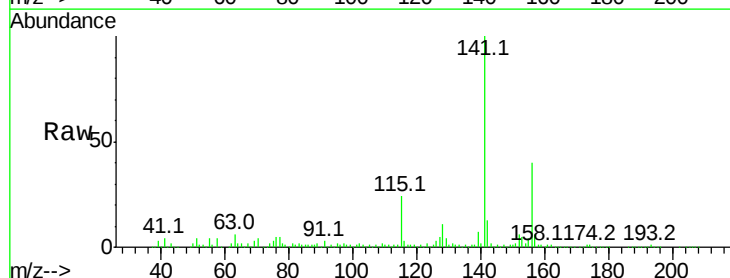


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

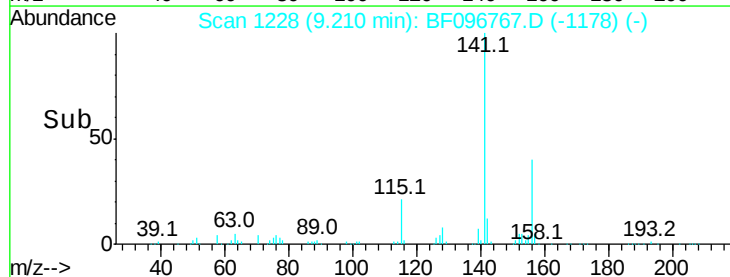
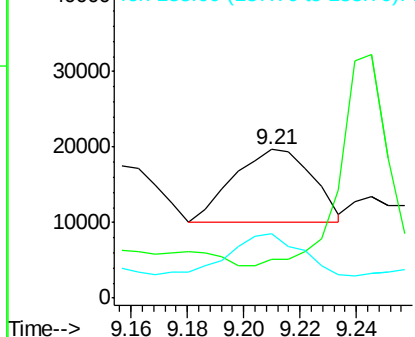


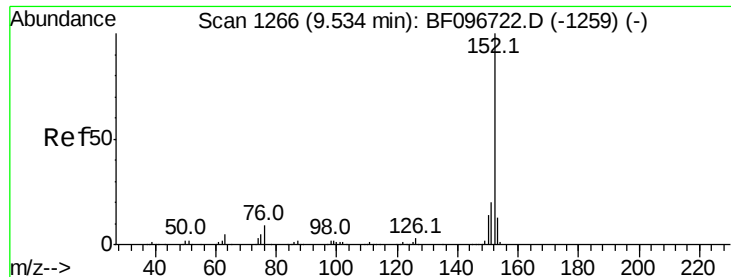
#47
 2-Nitroaniline
 Concen: 5.720 ng
 RT: 9.21 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF096767.D
 Acq: 14 Jul 2017 11:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	26.2	53.9	80.9#
138	43.5	78.8	118.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 6.723 ng

RT: 9.55 min Scan# 1286

Delta R.T. 0.02 min

Lab File: BF096767.D

Acq: 14 Jul 2017 11:18

Instrument :

BNA_F

ClientSampleId :

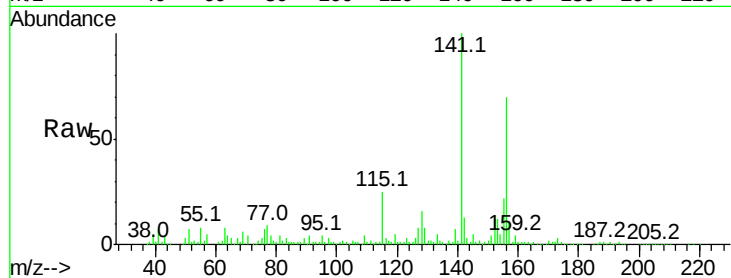
Tot Ion:152 Resp: 103309

Ion Ratio Lower Upper

152 100

151 33.7 16.8 25.2#

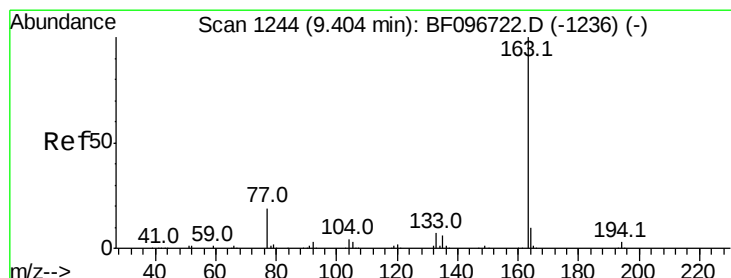
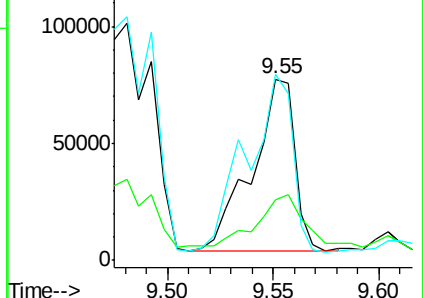
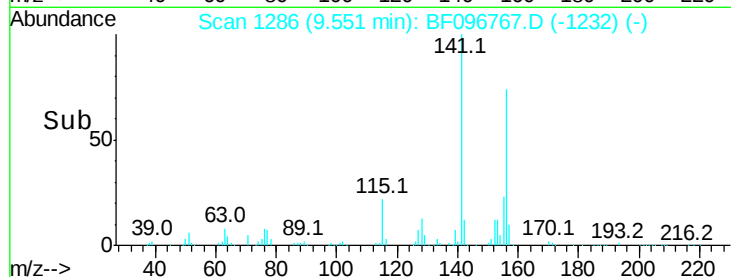
153 102.6 10.8 16.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 2.383 ng

RT: 9.41 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BF096767.D

Acq: 14 Jul 2017 11:18

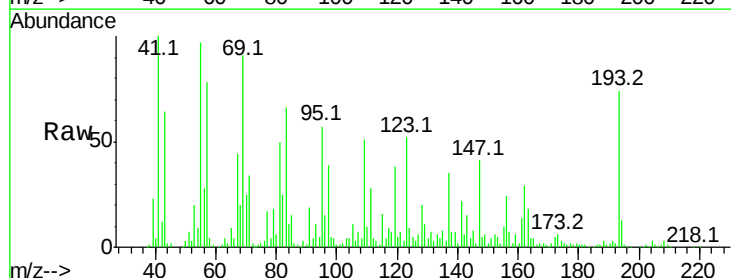
Tgt Ion:163 Resp: 27401

Ion Ratio Lower Upper

163 100

194 70.3 2.6 4.0#

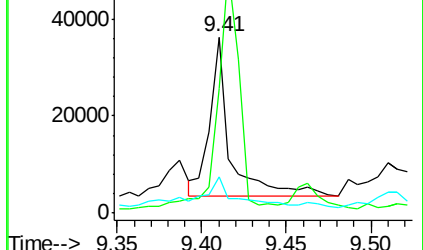
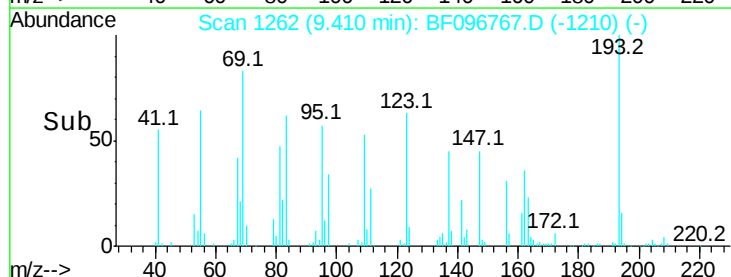
164 20.9 8.4 12.6#

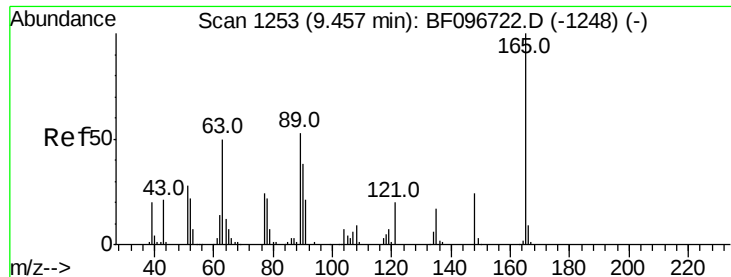


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

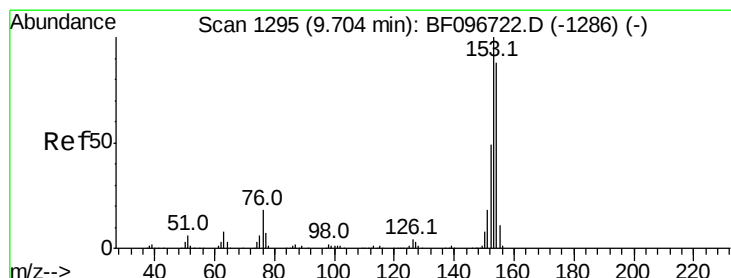
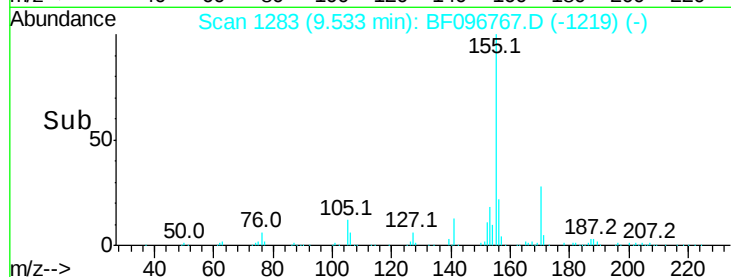
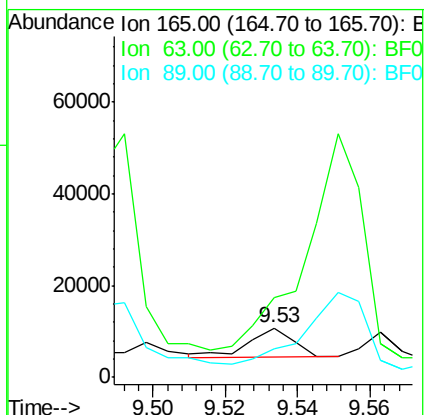
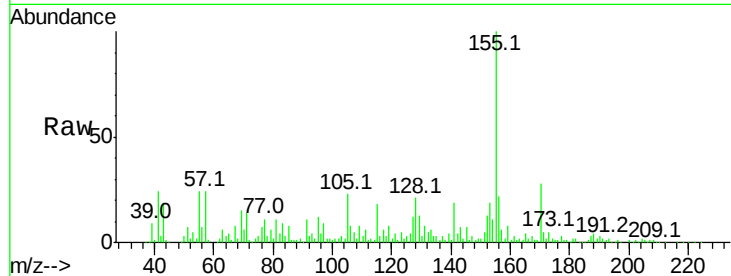




#50
2,6-Dinitrotoluene
Concen: 2.209 ng
RT: 9.53 min Scan# 1283
Delta R.T. 0.08 min
Lab File: BF096767.D
Acq: 14 Jul 2017 11:18

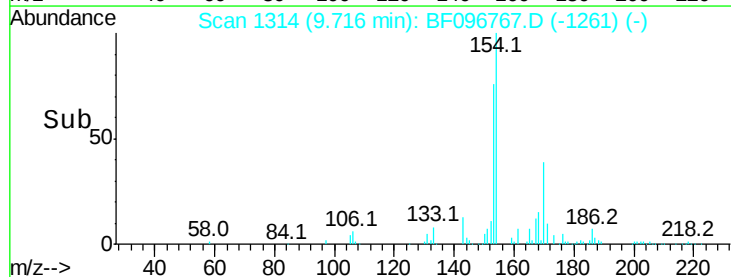
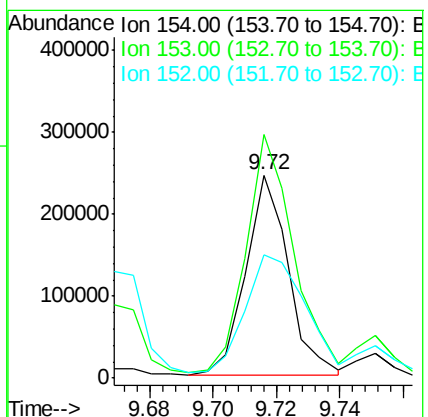
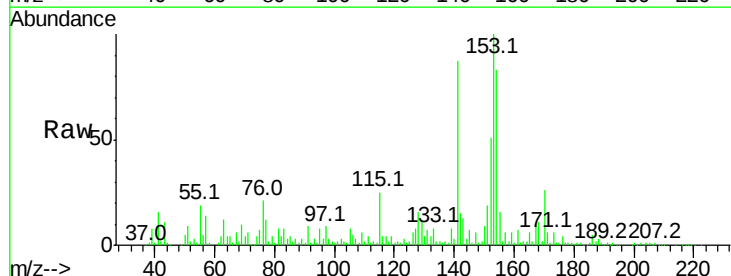
Instrument :
BNA_F
ClientSampleId :

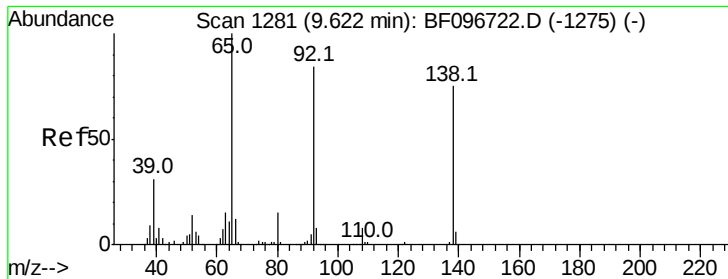
Tot Ion:165 Resp: 5501
Ion Ratio Lower Upper
165 100
63 161.1 34.3 51.5#
89 57.9 37.1 55.7#



#51
Acenaphthene
Concen: 25.198 ng
RT: 9.72 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF096767.D
Acq: 14 Jul 2017 11:18

Tgt Ion:154 Resp: 228725
Ion Ratio Lower Upper
154 100
153 119.8 90.5 135.7
152 60.6 43.6 65.4

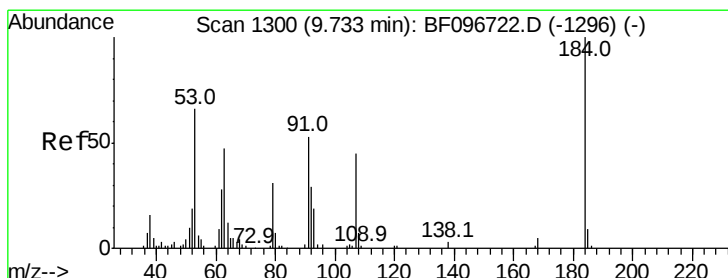
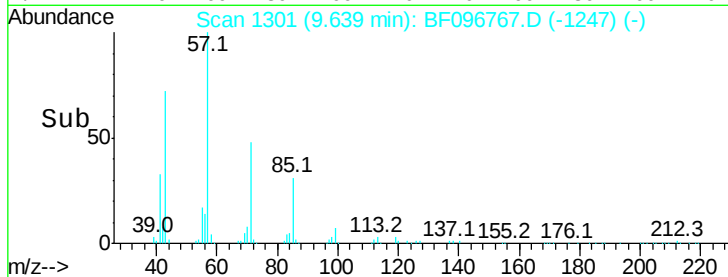
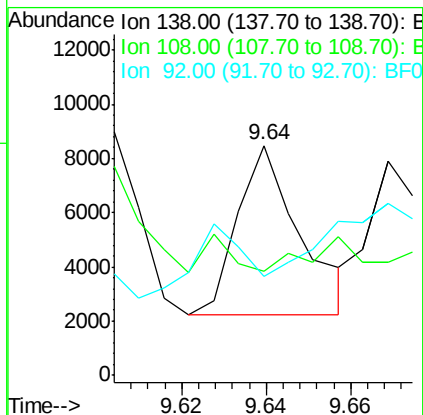
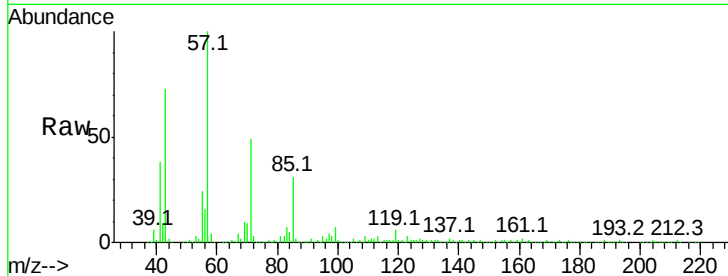




#52
3-Nitroaniline
Concen: 2.161 ng
RT: 9.64 min Scan# 1301
Delta R.T. 0.02 min
Lab File: BF096767.D
Acq: 14 Jul 2017 11:18

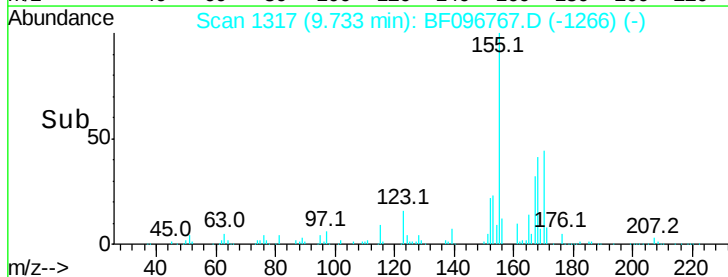
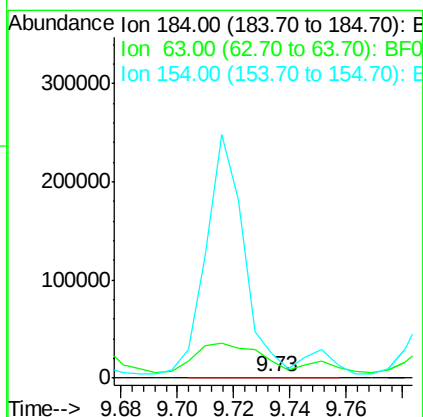
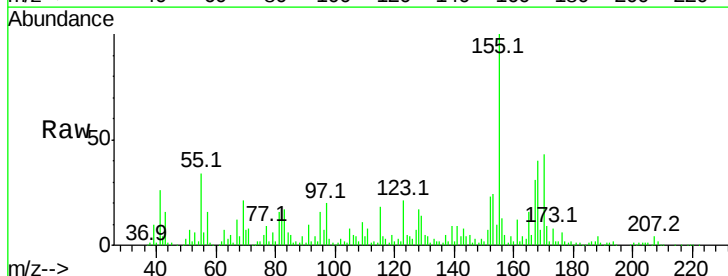
Instrument :
BNA_F
ClientSampleId :

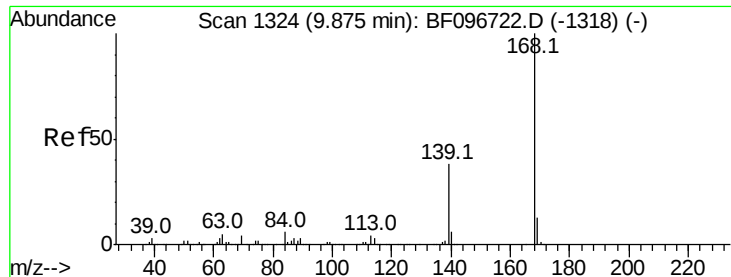
Tot Ion:138 Resp: 6376
Ion Ratio Lower Upper
138 100
108 45.0 9.1 13.7#
92 43.3 93.8 140.6#



#53
2,4-Dinitrophenol
Concen: 7.833 ng
RT: 9.73 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF096767.D
Acq: 14 Jul 2017 11:18

Tgt Ion:184 Resp: 1471
Ion Ratio Lower Upper
184 100
63 1864.4 62.7 94.1#
154 2667.8 81.1 121.7#





#54

Dibenzo(furan)

Concen: 14.139 ng

RT: 9.89 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF096767.D

Acq: 14 Jul 2017 11:18

Instrument :

BNA_F

ClientSampleId :

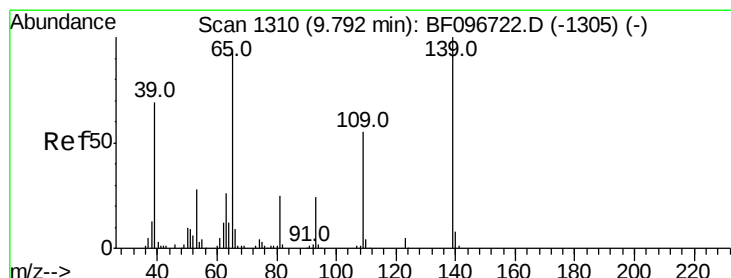
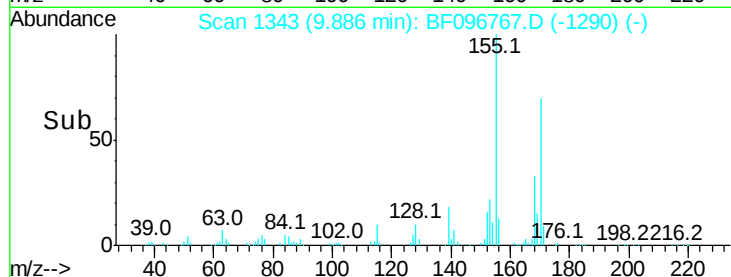
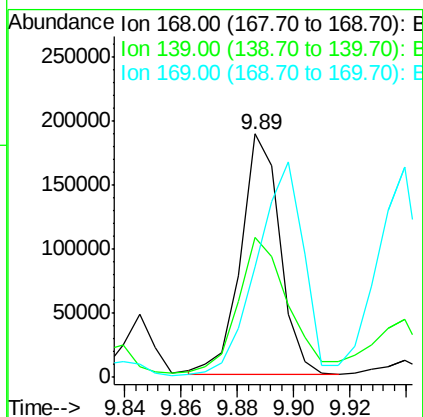
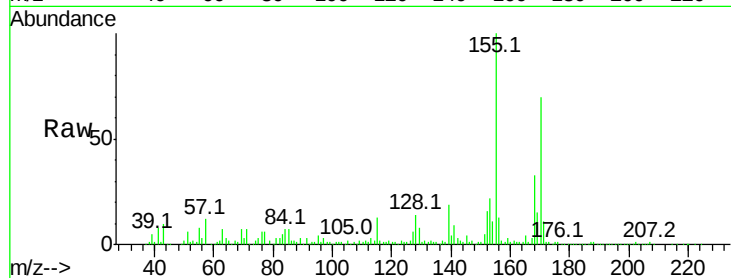
Tot Ion:168 Resp: 179855

Ion Ratio Lower Upper

168 100

139 57.4 30.6 45.8#

169 45.5 10.8 16.2#



#55

4-Nitrophenol

Concen: 8.901 ng

RT: 9.84 min Scan# 1335

Delta R.T. 0.05 min

Lab File: BF096767.D

Acq: 14 Jul 2017 11:18

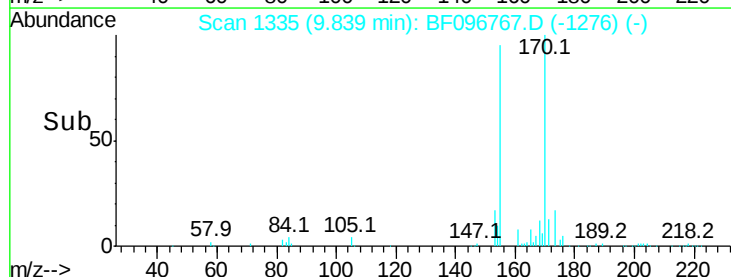
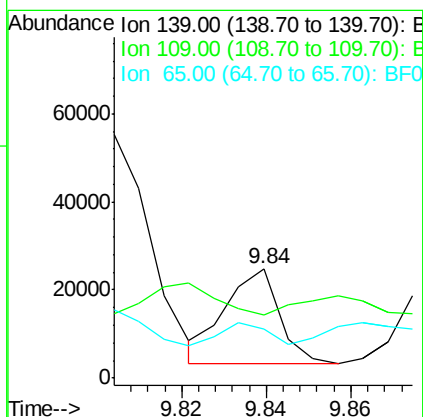
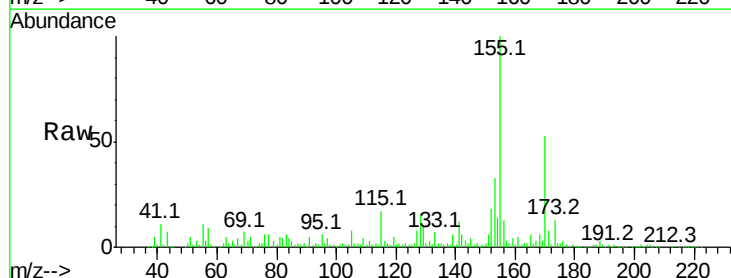
Tgt Ion:139 Resp: 19186

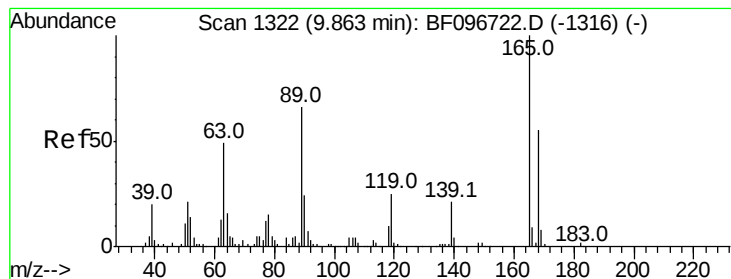
Ion Ratio Lower Upper

139 100

109 57.9 34.1 74.1

65 44.5 31.4 71.4





#56

2,4-Dinitrotoluene

Concen: 4.679 ng

RT: 9.87 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF096767.D

Acq: 14 Jul 2017 11:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 14973

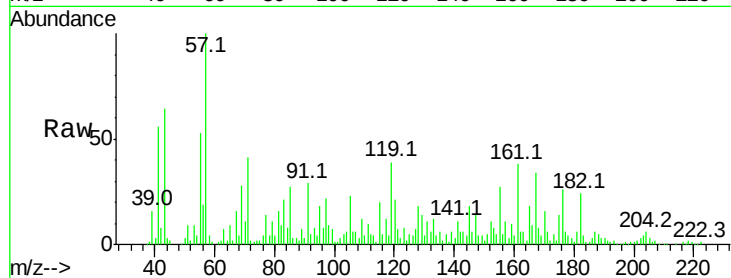
Ion Ratio Lower Upper

165 100

63 40.2 25.4 38.0#

89 37.8 46.4 69.6#

182 133.5 1.8 2.6#

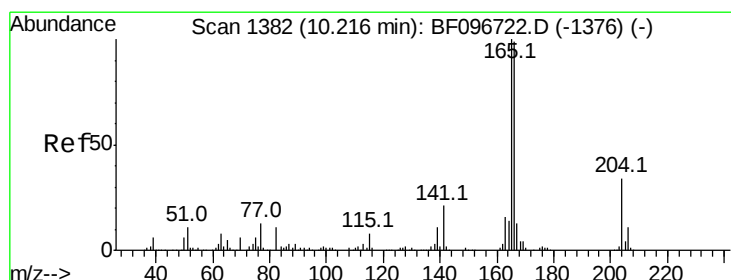
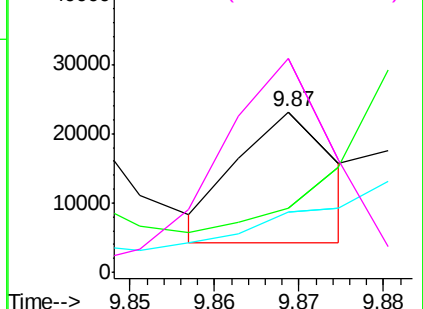
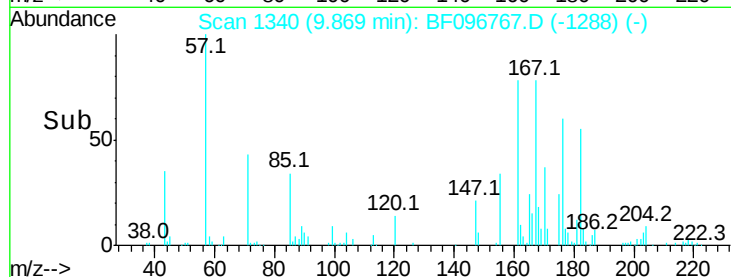


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 23.085 ng

RT: 10.23 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BF096767.D

Acq: 14 Jul 2017 11:18

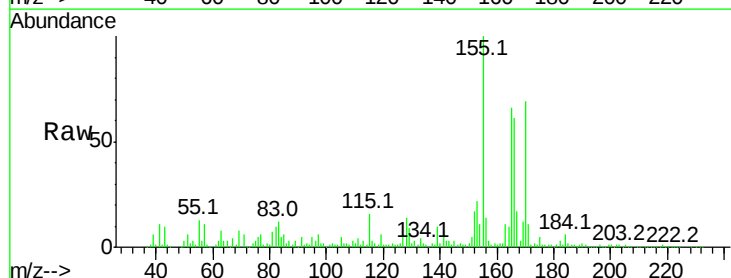
Tgt Ion:166 Resp: 216994

Ion Ratio Lower Upper

166 100

165 107.2 78.8 118.2

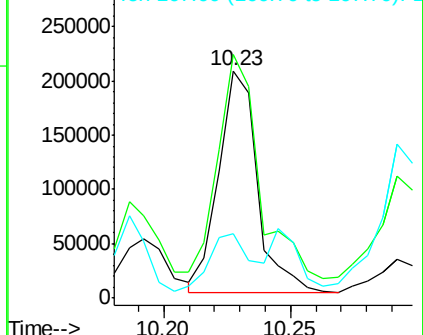
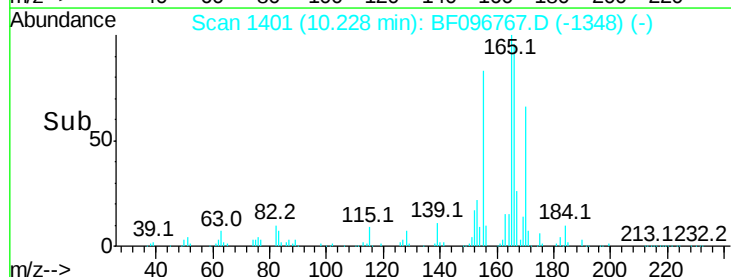
167 28.3 10.6 16.0#

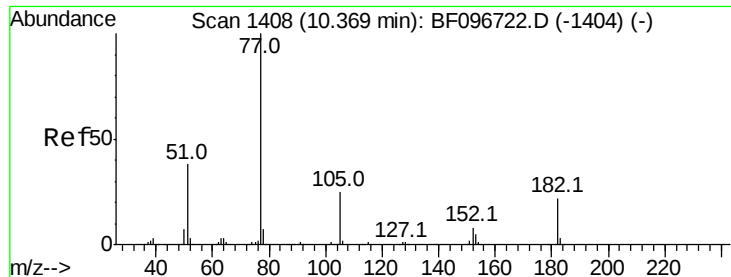


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#62

Azobenzene

Concen: 2.536 ng

RT: 10.37 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BF096767.D

Acq: 14 Jul 2017 11:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 25047

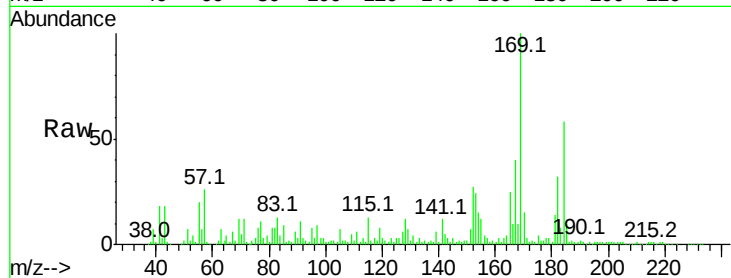
Ion Ratio Lower Upper

77 100

182 292.5 0.1 40.1#

105 64.1 3.6 43.6#

51 64.0 9.4 49.4#



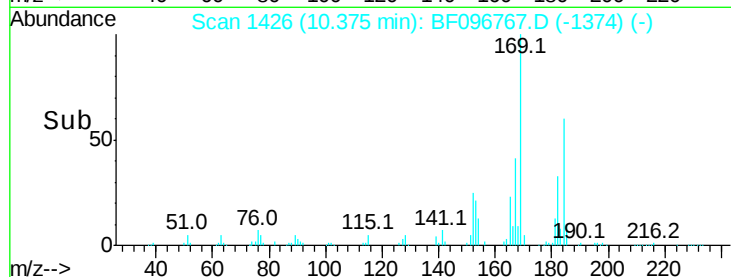
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

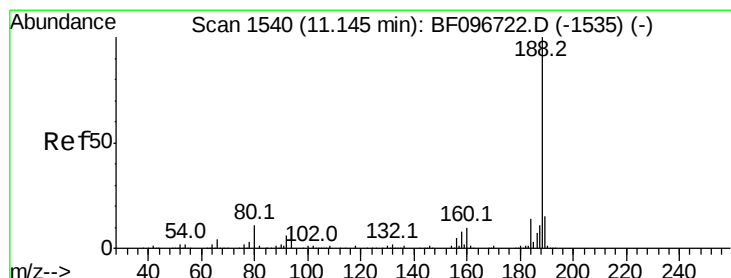
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

Time-->



Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF096767.D

Acq: 14 Jul 2017 11:18

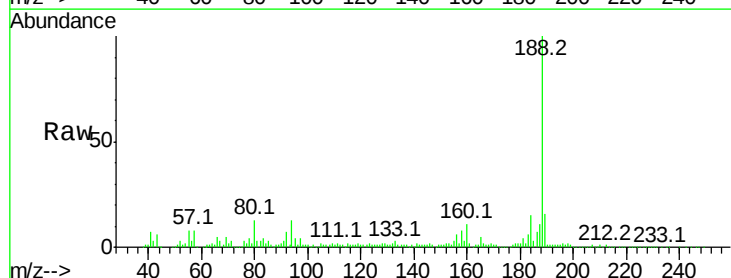
Tgt Ion: 188 Resp: 248787

Ion Ratio Lower Upper

188 100

94 12.8 9.4 14.2

80 12.9 10.2 15.2

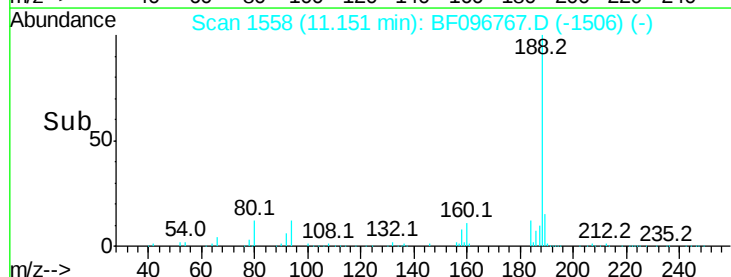


Abundance Ion 188.00 (187.70 to 188.70): E

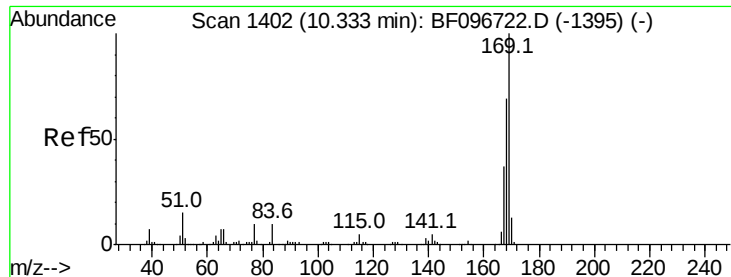
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#65

n-Nitrosodiphenylamine

Concen: 30.679 ng

RT: 10.35 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BF096767.D

Acq: 14 Jul 2017 11:18

Instrument :

BNA_F

ClientSampled :

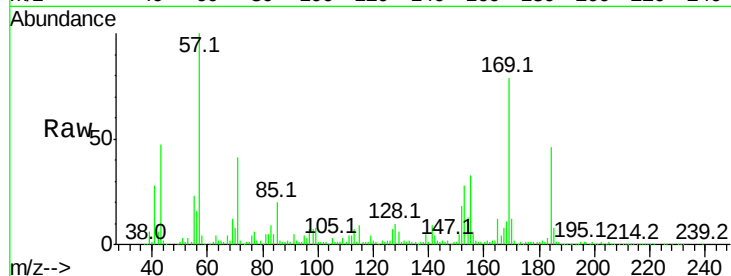
Tot Ion:169 Resp: 272837

Ion Ratio Lower Upper

169 100

168 13.9 53.2 79.8#

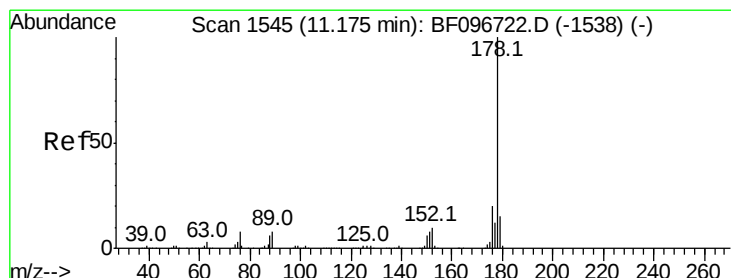
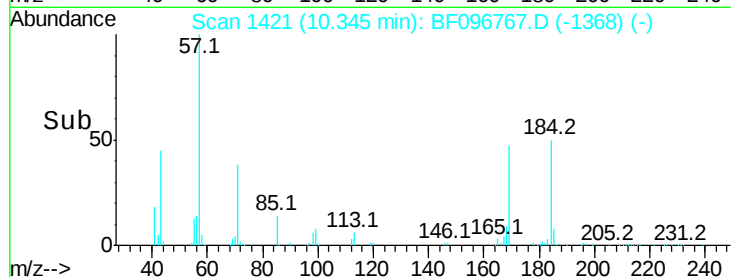
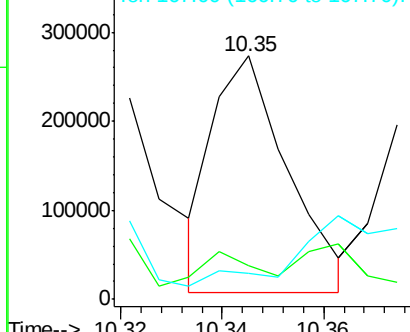
167 10.6 29.5 44.3#



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



#70

Phenanthrene

Concen: 30.460 ng

RT: 11.18 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BF096767.D

Acq: 14 Jul 2017 11:18

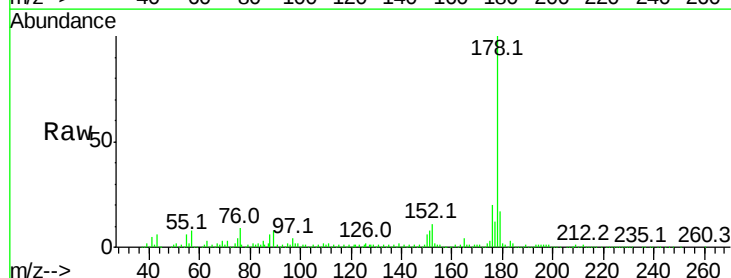
Tgt Ion:178 Resp: 412038

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.4

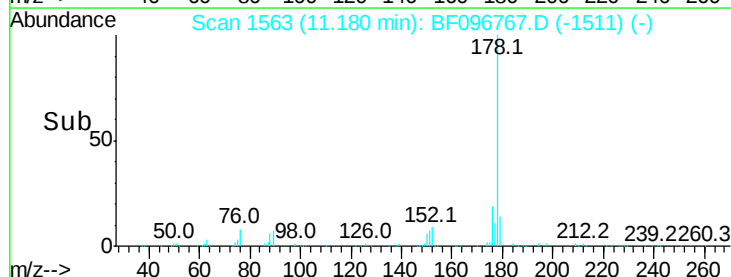
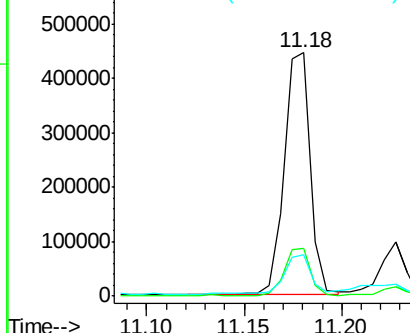
179 16.8 12.6 19.0

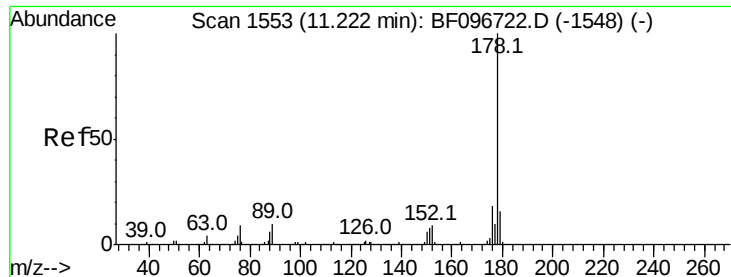


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 30.126 ng

RT: 11.18 min Scan# 1563

Delta R.T. -0.04 min

Lab File: BF096767.D

Acq: 14 Jul 2017 11:18

Instrument :

BNA_F

ClientSampleId :

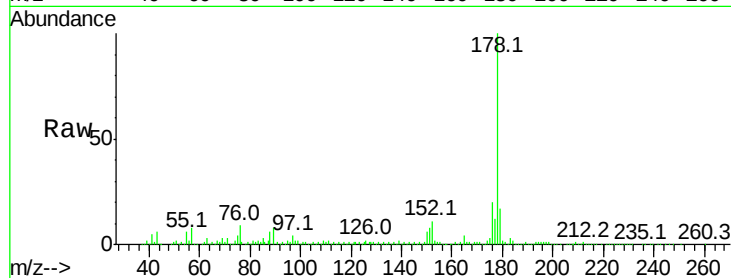
Tot Ion:178 Resp: 412038

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

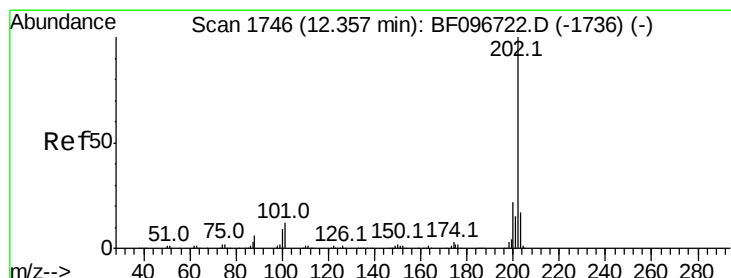
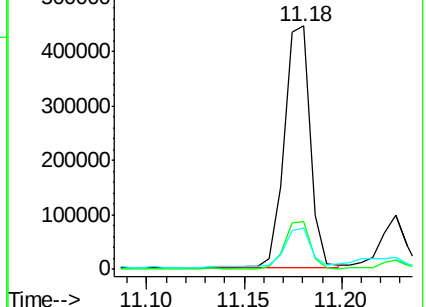
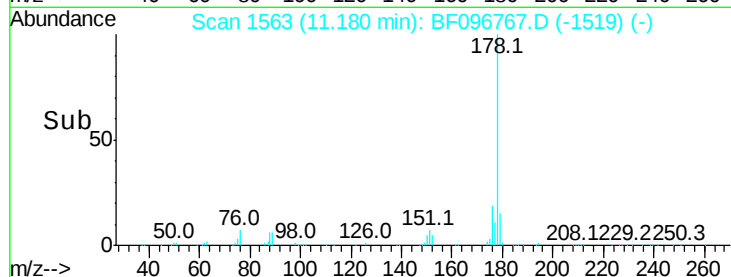
179 16.8 12.7 19.1



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



#74

Fluoranthene

Concen: 4.342 ng

RT: 12.36 min Scan# 1763

Delta R.T. -0.00 min

Lab File: BF096767.D

Acq: 14 Jul 2017 11:18

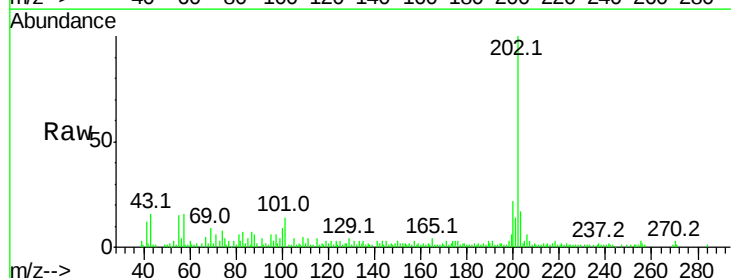
Tgt Ion:202 Resp: 56221

Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.2

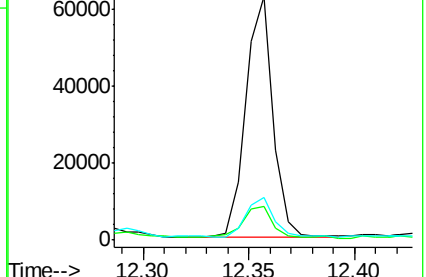
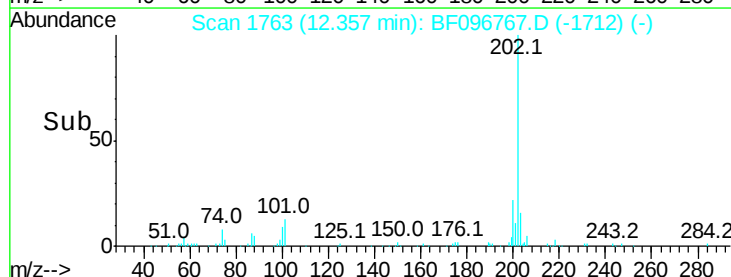
203 17.3 0.0 38.1

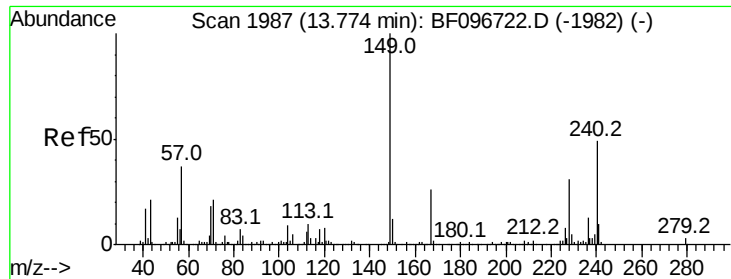


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.77 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF096767.D

Acq: 14 Jul 2017 11:18

Instrument :

BNA_F

ClientSampled :

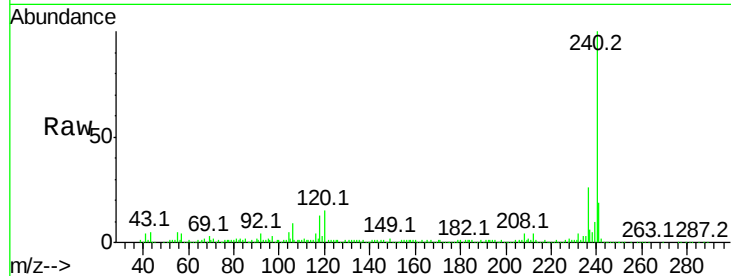
Tot Ion:240 Resp: 181311

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

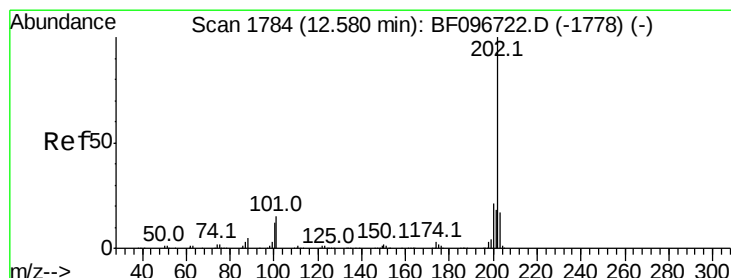
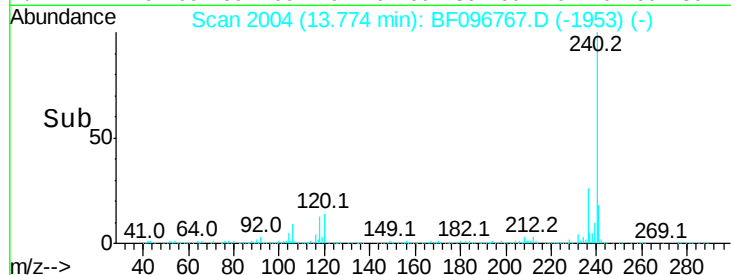
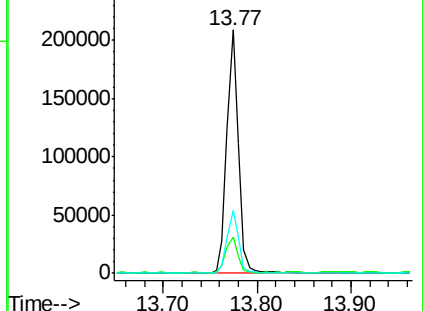
236 25.7 20.5 30.7



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



#77

Pyrene

Concen: 4.193 ng

RT: 12.58 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF096767.D

Acq: 14 Jul 2017 11:18

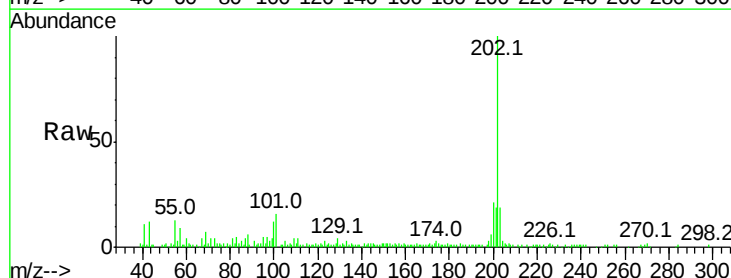
Tgt Ion:202 Resp: 68988

Ion Ratio Lower Upper

202 100

200 20.9 17.6 26.4

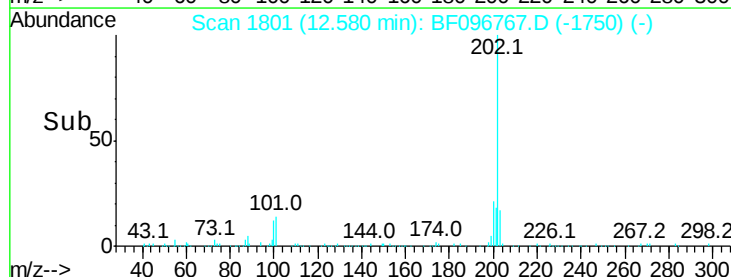
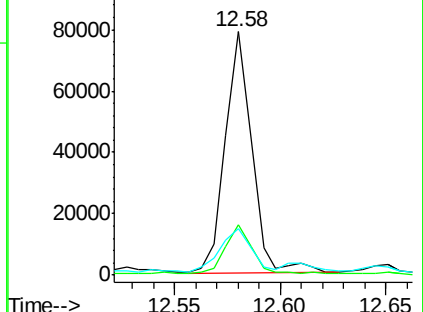
203 19.0 14.4 21.6

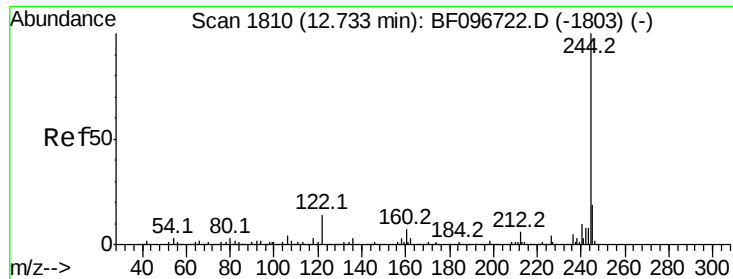


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 12.746 ng

RT: 12.73 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF096767.D

Acq: 14 Jul 2017 11:18

Instrument :

BNA_F

ClientSampleId :

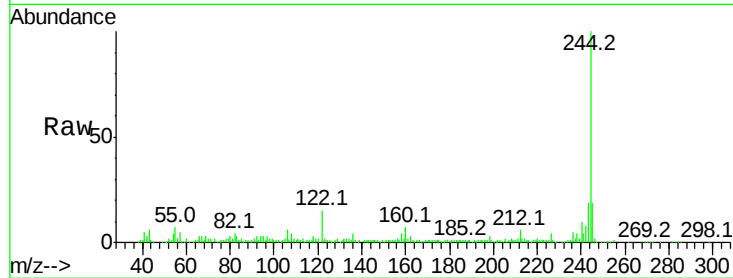
Tot Ion:244 Resp: 133254

Ion Ratio Lower Upper

244 100

212 6.3 6.0 9.0

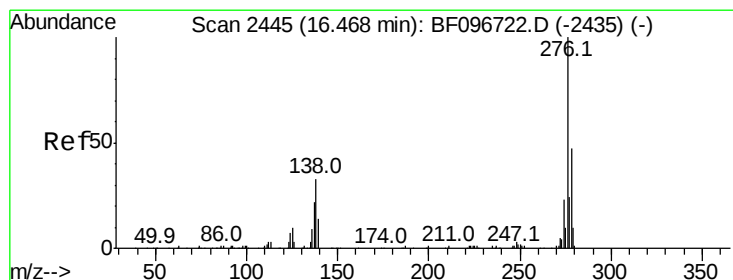
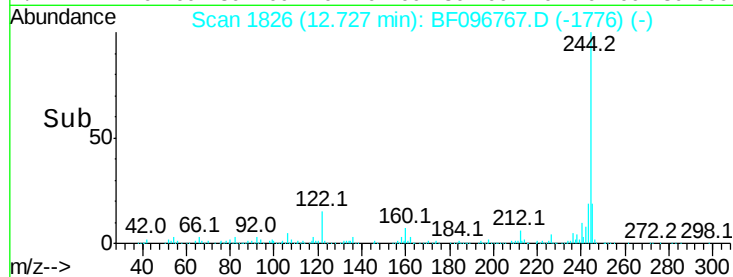
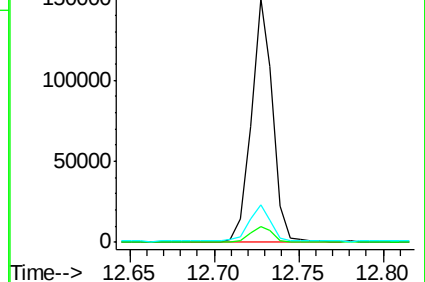
122 15.5 10.3 15.5#



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.977 ng

RT: 16.47 min Scan# 2462

Delta R.T. 0.00 min

Lab File: BF096767.D

Acq: 14 Jul 2017 11:18

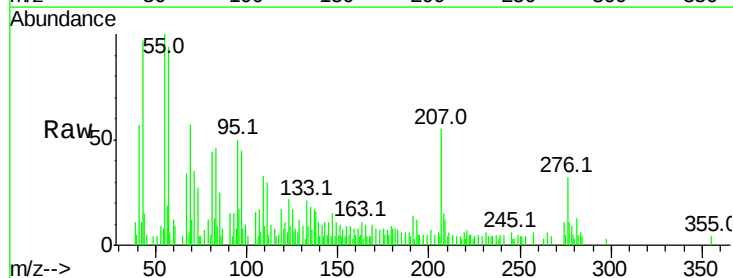
Tgt Ion:276 Resp: 6932

Ion Ratio Lower Upper

276 100

138 32.5 27.8 41.6

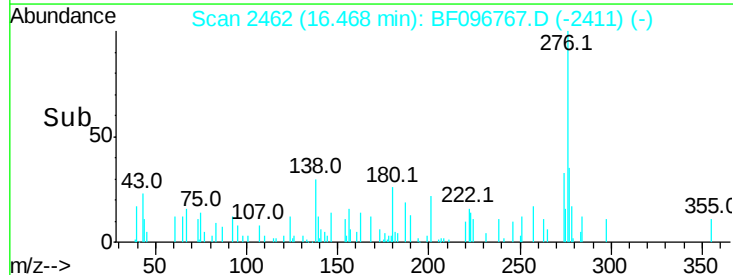
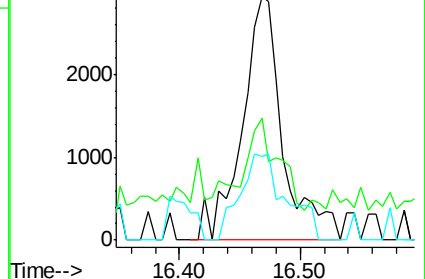
277 40.0 20.2 30.4#

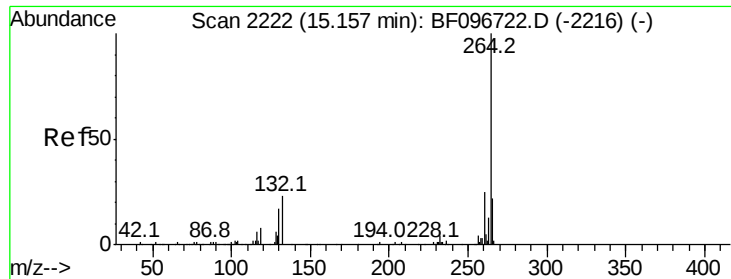


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF096767.D
Acq: 14 Jul 2017 11:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.0	17.2	25.8

