

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF071717\
 Data File : BF096824.D
 Acq On : 17 Jul 2017 17:27
 Operator : SJ/JU
 Sample : I4203-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DL-SB02A

Quant Time: Jul 17 18:14:20 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	6.62	152	105120	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	357066	20.00	ng	-0.02
38) Acenaphthene-d10	9.66	164	115846	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	169535	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	223830	20.00	ng	-0.04
86) Perylene-d12	15.12	264	223112	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	813308	116.33	ng	0.00
7) Phenol-d6	6.27	99	946849	112.86	ng	-0.01
23) Nitrobenzene-d5	7.18	82	553089	95.95	ng	-0.02
41) 2,4,6-Tribromophenol	10.44	330	105590	106.78	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	748986	102.15	ng	-0.02
78) Terphenyl-d14	12.70	244	532082	41.23	ng	-0.03

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	2.91	42	10386	2.457	ng	# 1
10) Phenol	6.28	94	40693	4.291	ng	95
15) Benzyl Alcohol	6.77	79	11758	2.141	ng	# 46
18) Hexachloroethane	7.15	117	78319	27.204	ng	# 21
19) n-Nitroso-di-n-propylamine	7.05	70	16426	3.250	ng	# 72
25) Isophorone	7.43	82	54388	5.072	ng	# 1
26) 2-Nitrophenol	7.54	139	8343	2.517	ng	# 1
29) 2,4-Dichlorophenol	7.75	162	10286	2.084	ng	# 1
31) Naphthalene	7.92	128	45272	2.676	ng	# 59
35) Caprolactam	8.35	113	85095	53.796	ng	# 1
36) 4-Chloro-3-methylphenol	8.43	107	15304	2.883	ng	# 28
37) 2-Methylnaphthalene	8.62	142	541127	50.179	ng	99
42) 2,4,6-Trichlorophenol	8.91	196	5122	2.217	ng	# 13
48) Acenaphthylene	9.52	152	37563	3.222	ng	# 1
49) Dimethylphthalate	9.37	163	81618	9.357	ng	# 76
50) 2,6-Dinitrotoluene	9.45	165	9499	5.028	ng	# 1
51) Acenaphthene	9.69	154	75113	10.908	ng	# 85
52) 3-Nitroaniline	9.61	138	5574	2.490	ng	# 43
53) 2,4-Dinitrophenol	9.72	184	772	7.496	ng	# 1
54) Dibenzofuran	9.86	168	58404	6.052	ng	# 27
55) 4-Nitrophenol	9.76	139	39626	24.233	ng	# 64
56) 2,4-Dinitrotoluene	9.84	165	7965	3.281	ng	# 67
57) Fluorene	10.20	166	159114	22.314	ng	# 80
60) 4-Chlorophenyl-phenylether	10.21	204	2454	Below Cal		# 1
61) 4-Nitroaniline	10.12	138	10042	4.778	ng	89
62) Azobenzene	10.35	77	17093	2.282	ng	# 1
65) n-Nitrosodiphenylamine	10.32	169	155029	25.581	ng	# 53
68) Atrazine	10.86	200	8239	4.772	ng	# 57
70) Phenanthrene	11.15	178	372908	40.453	ng	96
71) Anthracene	11.15	178	372908	40.010	ng	97
74) Fluoranthene	12.33	202	148700	16.853	ng	98
77) Pyrene	12.55	202	180094	8.866	ng	98
80) Benzo(a)anthracene	13.73	228	41290	2.961	ng	97
82) Chrysene	13.73	228	41290	3.007	ng	94

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096824.D
Acq On : 17 Jul 2017 17:27
Operator : SJ/JU
Sample : I4203-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DL-SB02A

Quant Time: Jul 17 18:14:20 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

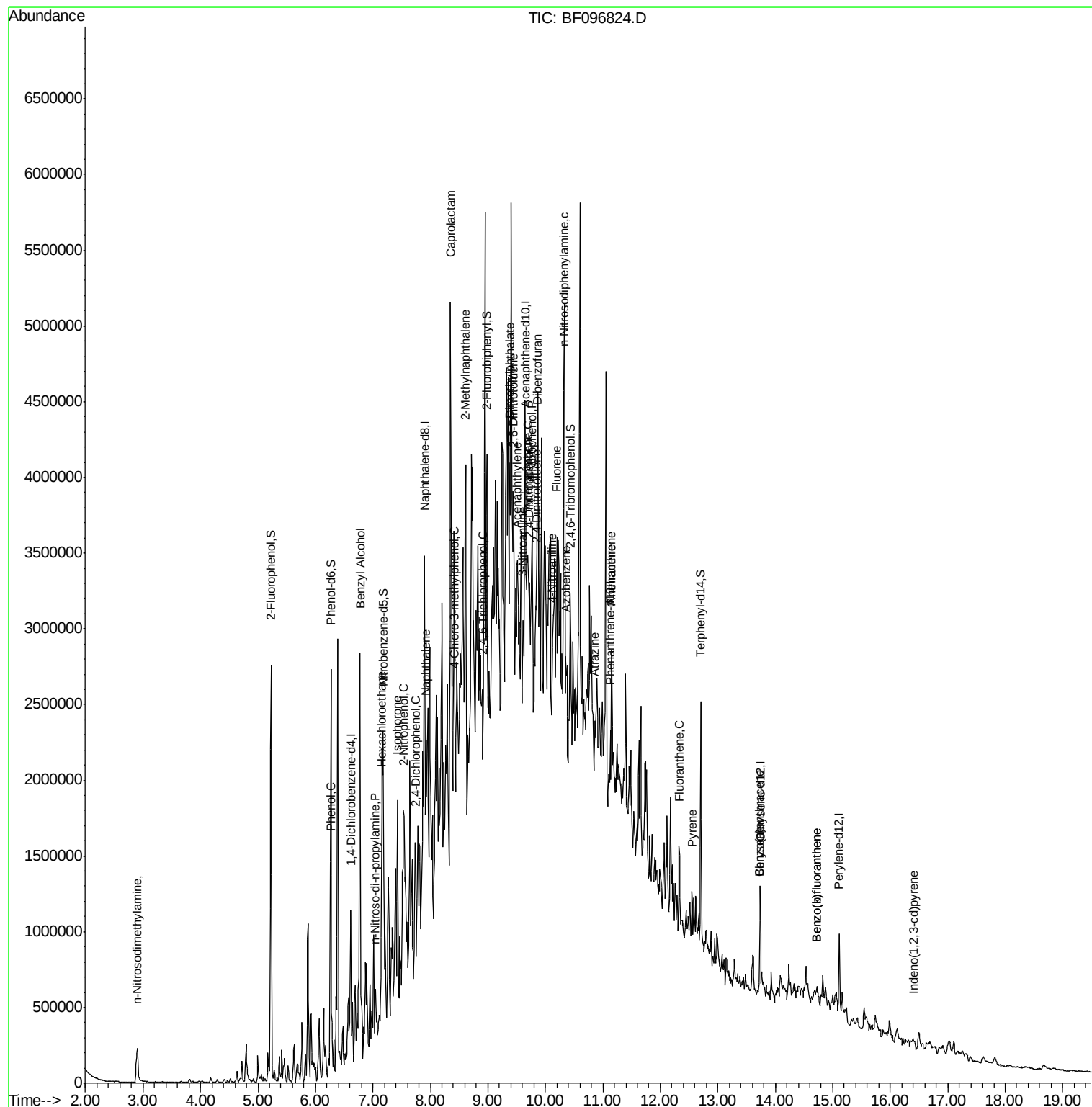
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Indeno(1,2,3-cd)pyrene	16.40	276	9560	4.053	ng	# 77
87) Benzo(b)fluoranthene	14.73	252	45081	3.350	ng	# 73
88) Benzo(k)fluoranthene	14.73	252	45081	3.538	ng	# 76

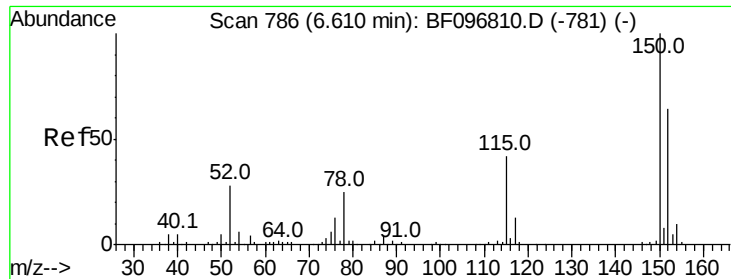
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096824.D
Acq On : 17 Jul 2017 17:27
Operator : SJ/JU
Sample : I4203-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DL-SB02A

Quant Time: Jul 17 18:14:20 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



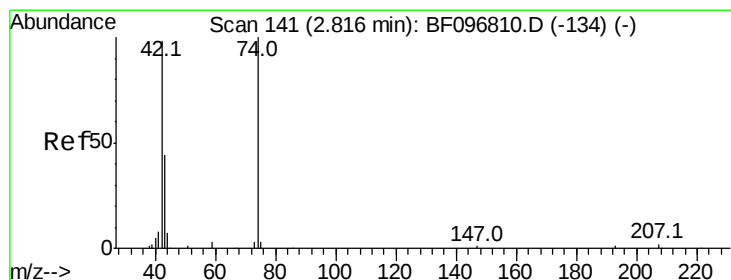
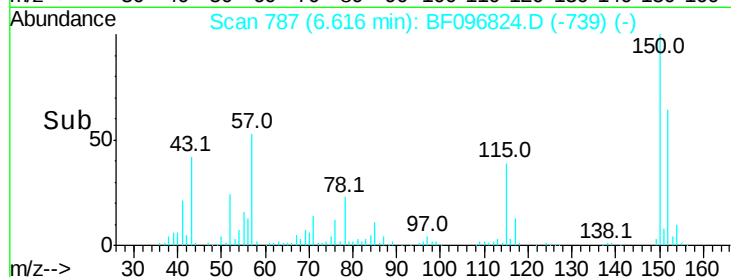
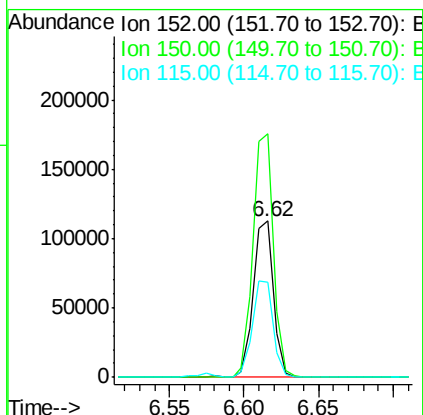
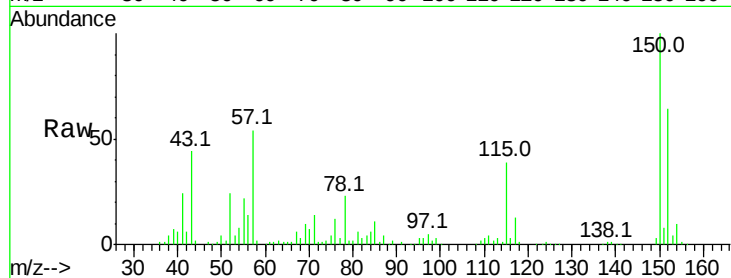


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF096824.D
Acq: 17 Jul 2017 17:27

Instrument :
BNA_F
ClientSampleId :
DL-SB02A

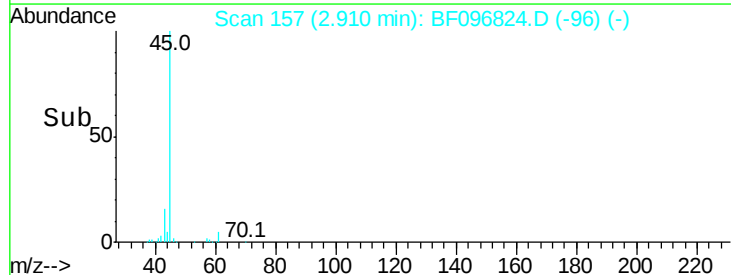
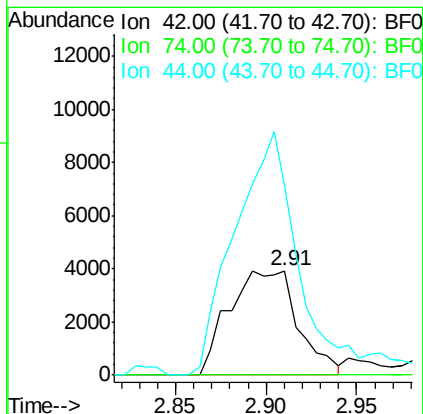
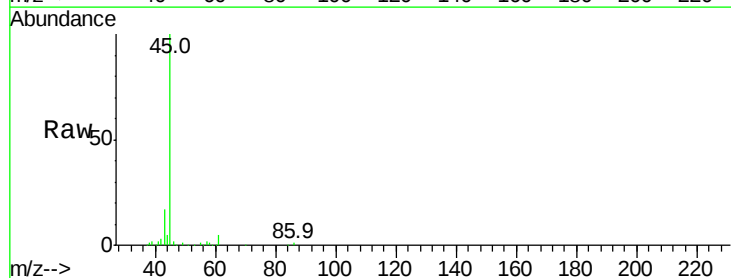
Tot Ion:152 Resp: 105120
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 60.7 52.2 78.2

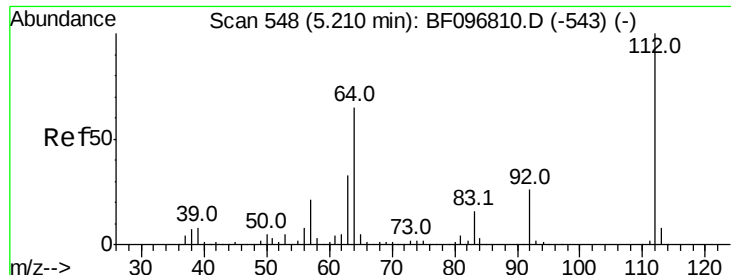


#4

n-Nitrosodimethylamine
Concen: 2.457 ng
RT: 2.91 min Scan# 157
Delta R.T. 0.06 min
Lab File: BF096824.D
Acq: 17 Jul 2017 17:27

Tgt Ion: 42 Resp: 10386
Ion Ratio Lower Upper
42 100
74 0.0 103.9 155.9#
44 181.6 5.7 8.5#





#5

2-Fluorophenol

Concen: 116.331 ng

RT: 5.23 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

Instrument :

BNA_F

ClientSampleId :

DL-SB02A

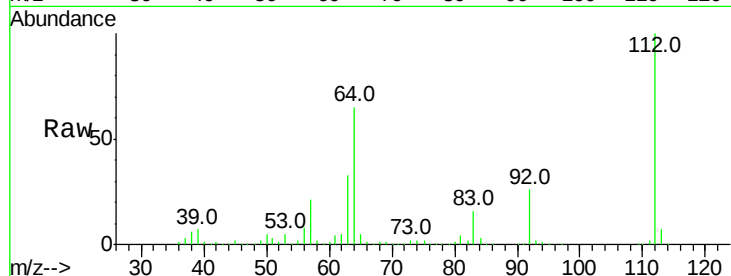
Tot Ion:112 Resp: 813308

Ion Ratio Lower Upper

112 100

64 64.8 46.0 69.0

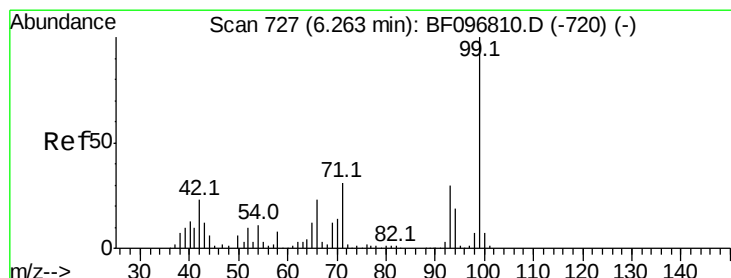
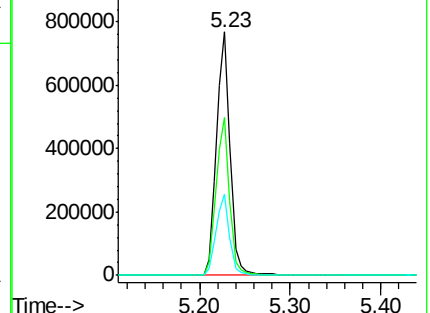
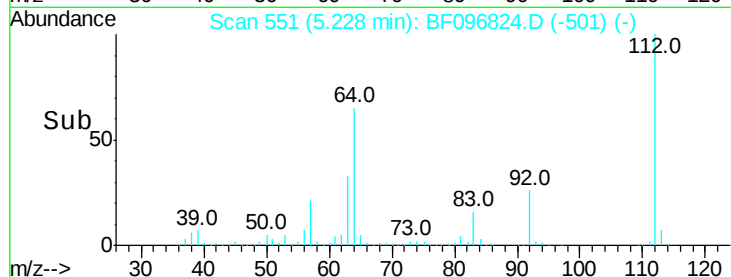
63 33.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): BFO

Ion 64.00 (63.70 to 64.70): BFO

Ion 63.00 (62.70 to 63.70): BFO



#7

Phenol-d6

Concen: 112.858 ng

RT: 6.27 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

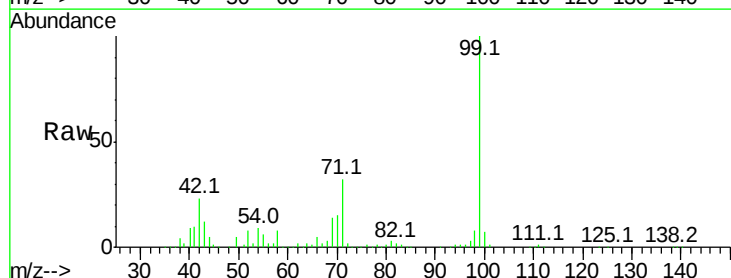
Tgt Ion: 99 Resp: 946849

Ion Ratio Lower Upper

99 100

42 22.7 13.5 20.3#

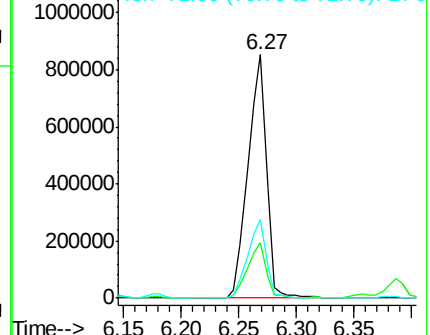
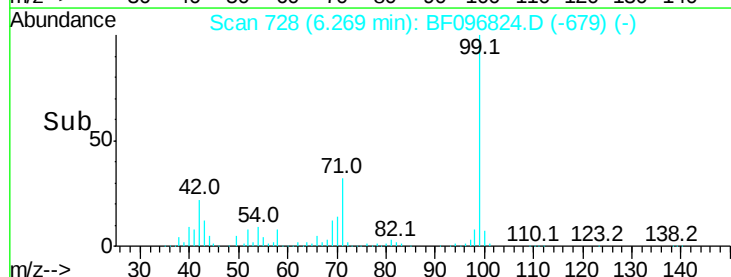
71 32.3 24.5 36.7

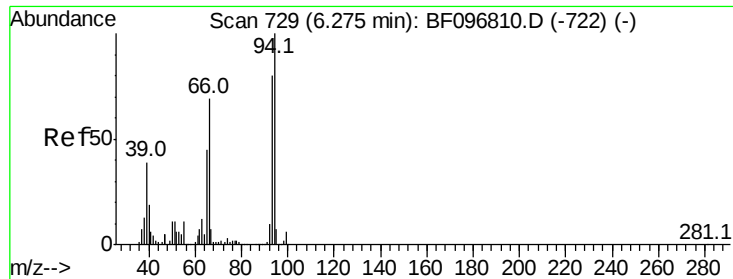


Abundance Ion 99.00 (98.70 to 99.70): BFO

Ion 42.00 (41.70 to 42.70): BFO

Ion 71.00 (70.70 to 71.70): BFO





#10

Phenol

Concen: 4.291 ng

RT: 6.28 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

Instrument :

BNA_F

ClientSampleId :

DL-SB02A

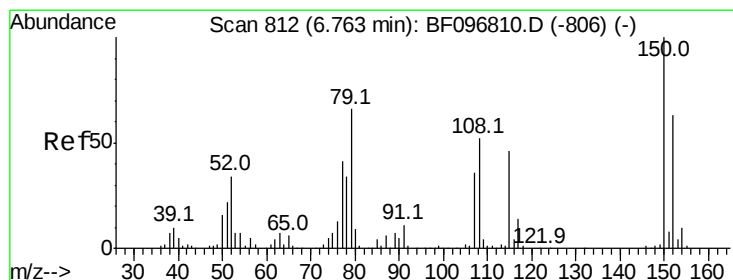
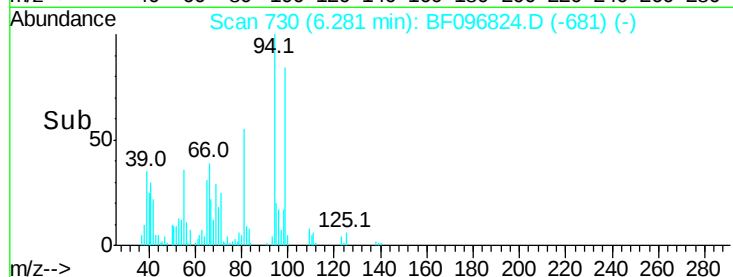
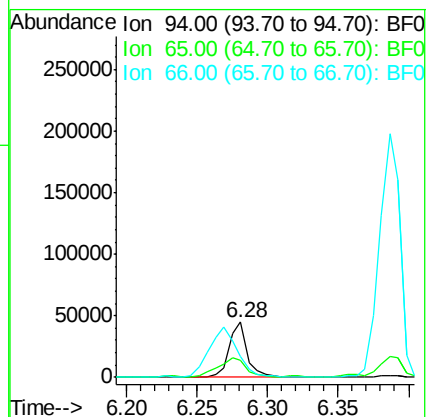
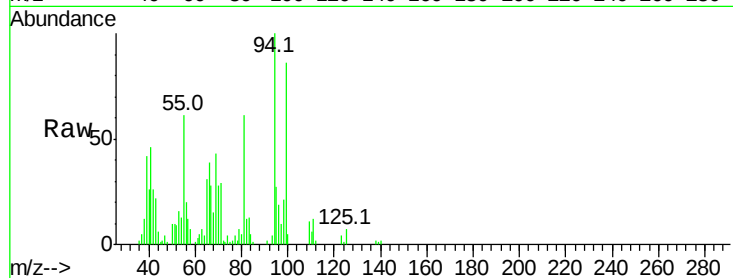
Tot Ion: 94 Resp: 40693

Ion Ratio Lower Upper

94 100

65 31.3 9.9 49.9

66 38.7 23.1 63.1



#15

Benzyl Alcohol

Concen: 2.141 ng

RT: 6.77 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

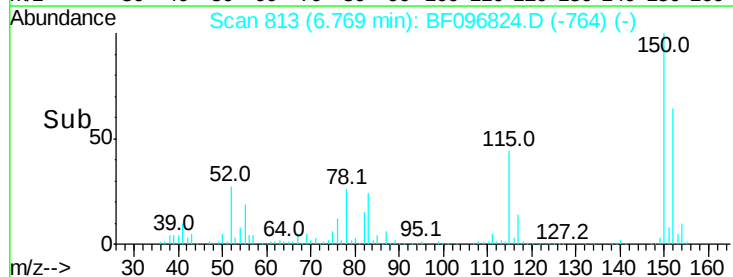
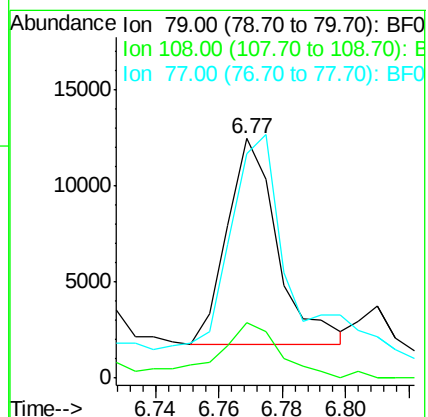
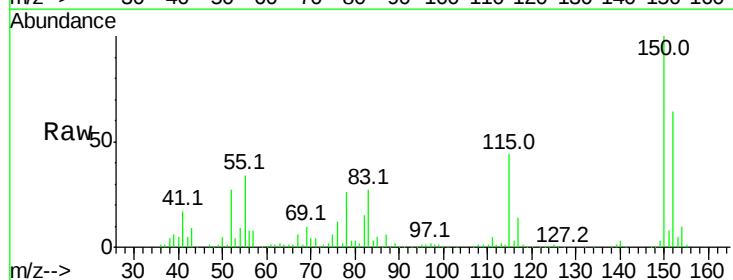
Tgt Ion: 79 Resp: 11758

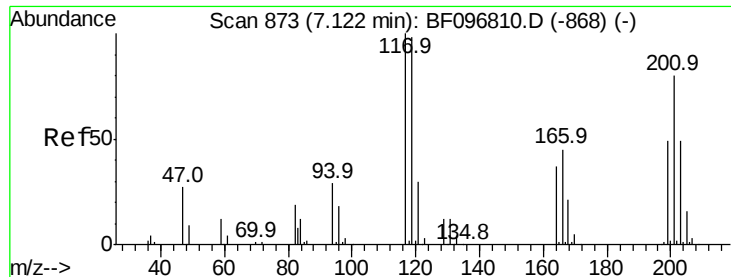
Ion Ratio Lower Upper

79 100

108 22.9 63.4 95.0#

77 93.5 49.2 73.8#

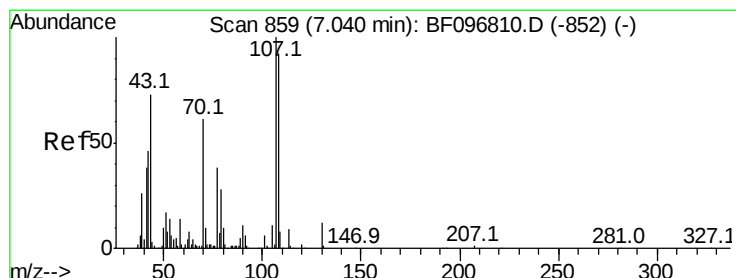
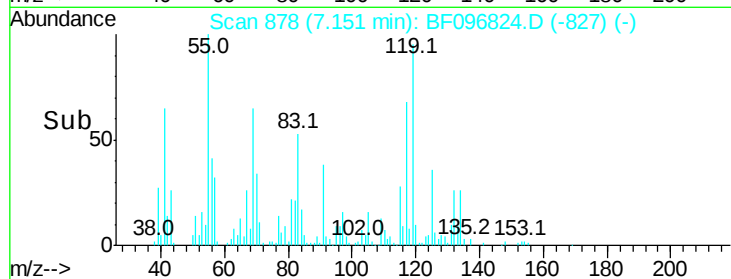
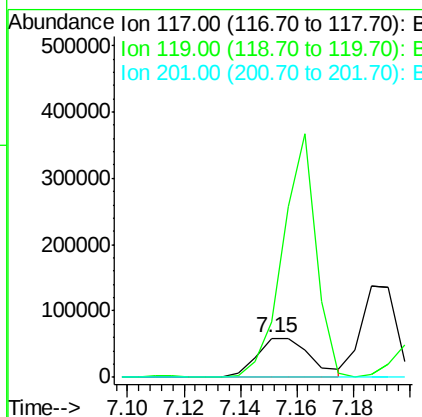
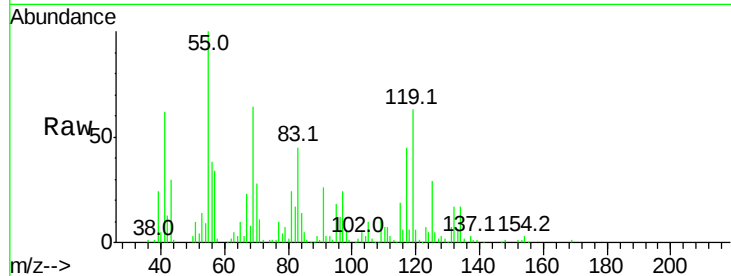




#18
Hexachloroethane
Concen: 27.204 ng
RT: 7.15 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF096824.D
Acq: 17 Jul 2017 17:27

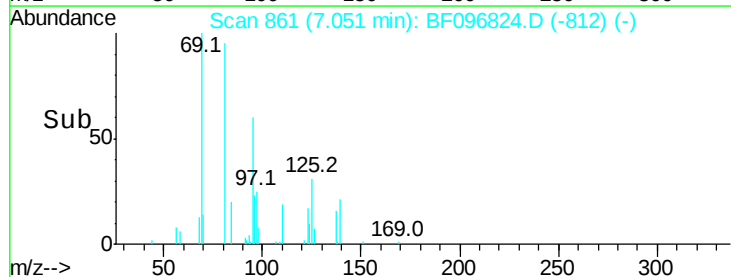
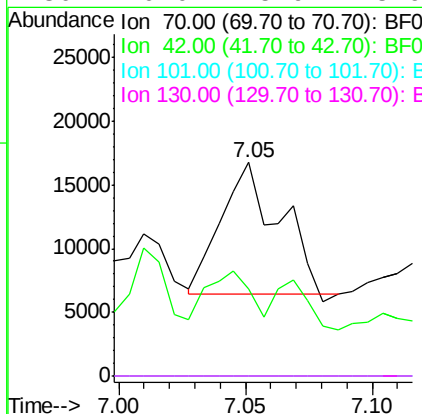
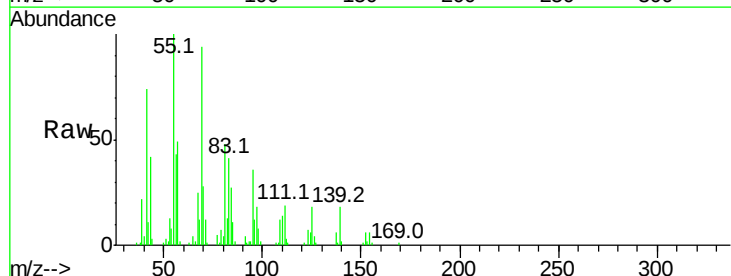
Instrument :
BNA_F
ClientSampleId :
DL-SB02A

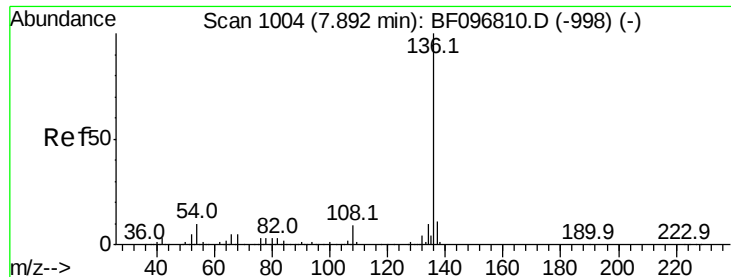
Tot Ion:117 Resp: 78319
Ion Ratio Lower Upper
117 100
119 139.9 77.4 116.0#
201 0.0 94.6 141.8#



#19
n-Nitroso-di-n-propylamine
Concen: 3.250 ng
RT: 7.05 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF096824.D
Acq: 17 Jul 2017 17:27

Tgt Ion: 70 Resp: 16426
Ion Ratio Lower Upper
70 100
42 41.0 47.2 70.8#
101 0.0 7.2 10.8#
130 0.0 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

Instrument :

BNA_F

ClientSampleId :

DL-SB02A

Tot Ion:136 Resp: 357066

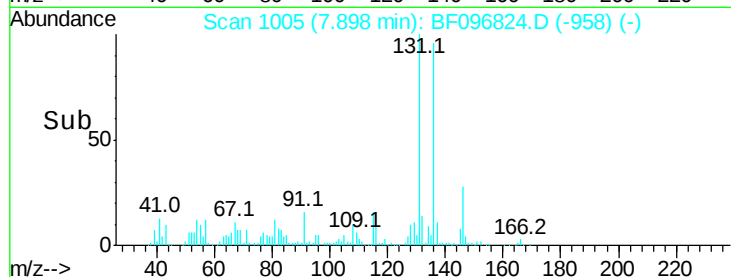
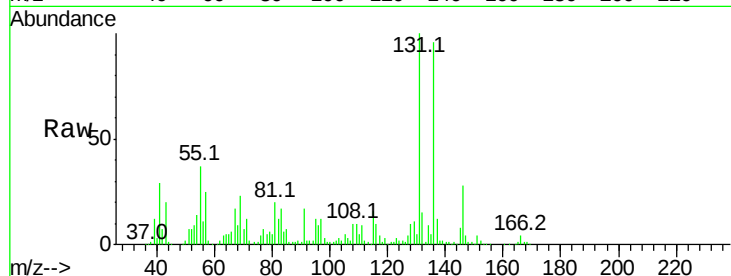
Ion Ratio Lower Upper

136 100

137 12.5 8.5 12.7

54 14.6 4.9 7.3#

68 9.7 4.1 6.1#

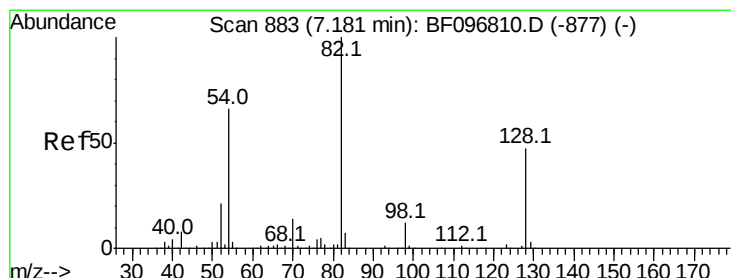
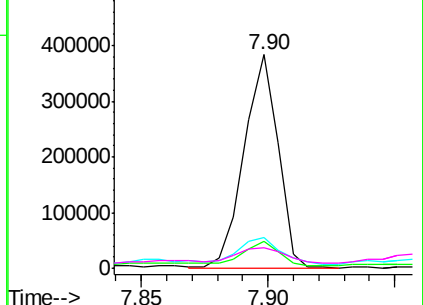


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 95.945 ng

RT: 7.18 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

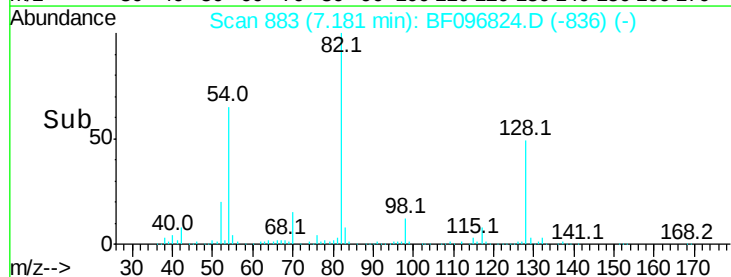
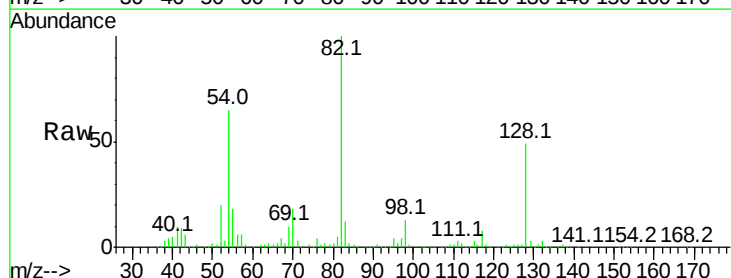
Tgt Ion: 82 Resp: 553089

Ion Ratio Lower Upper

82 100

128 48.8 34.0 51.0

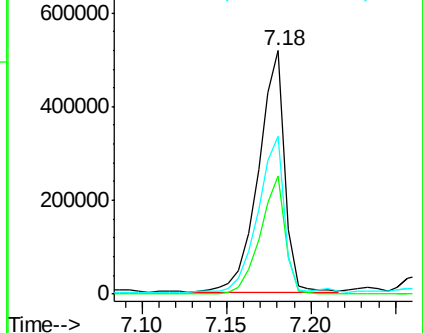
54 64.9 42.2 63.2#

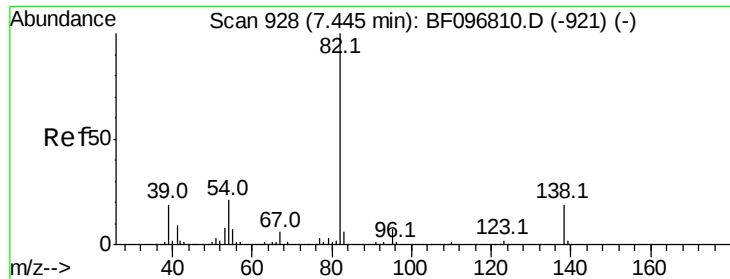


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 5.072 ng

RT: 7.43 min Scan# 925

Delta R.T. -0.04 min

Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

Instrument :

BNA_F

ClientSampleId :

DL-SB02A

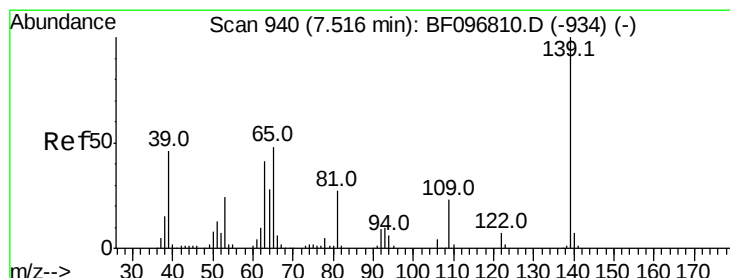
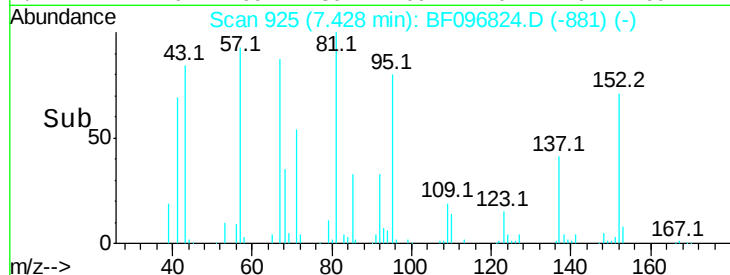
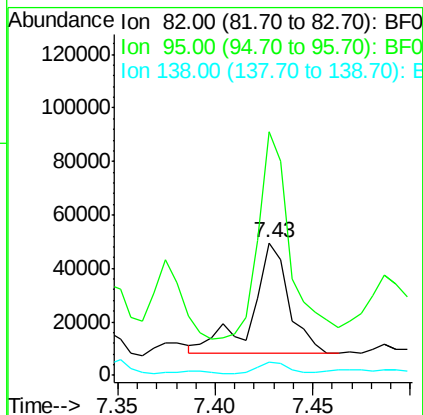
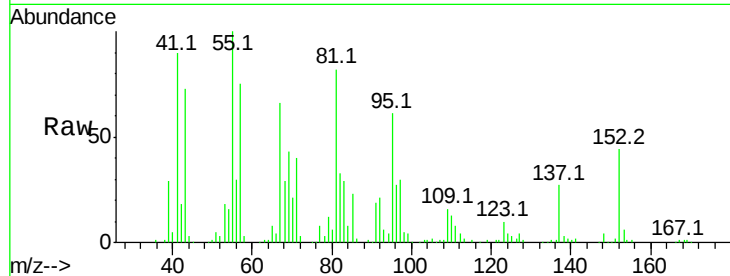
Tot Ion: 82 Resp: 54388

Ion Ratio Lower Upper

82 100

95 183.3 5.3 7.9#

138 9.7 13.1 19.7#



#26

2-Nitrophenol

Concen: 2.517 ng

RT: 7.54 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

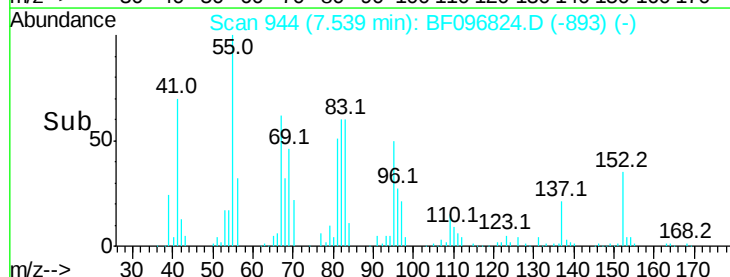
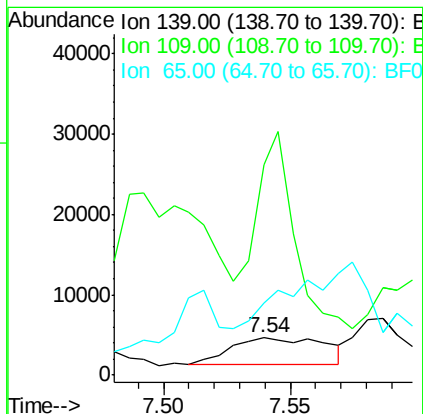
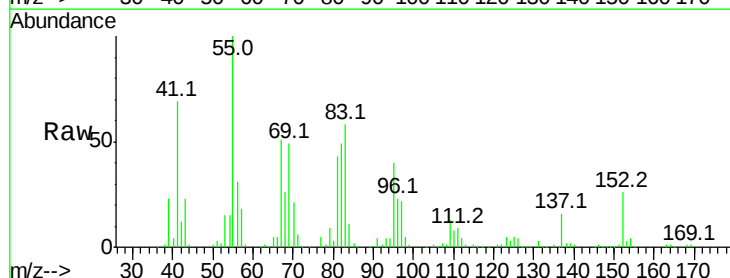
Tgt Ion:139 Resp: 8343

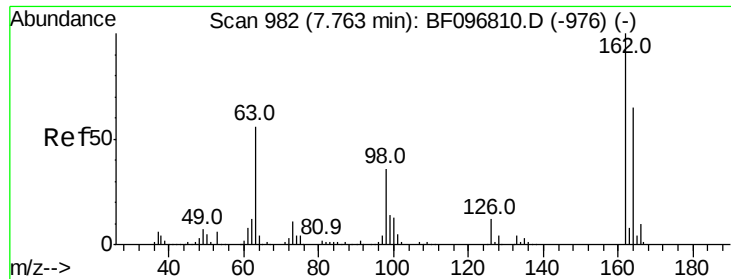
Ion Ratio Lower Upper

139 100

109 563.5 21.0 31.6#

65 193.8 33.0 49.6#

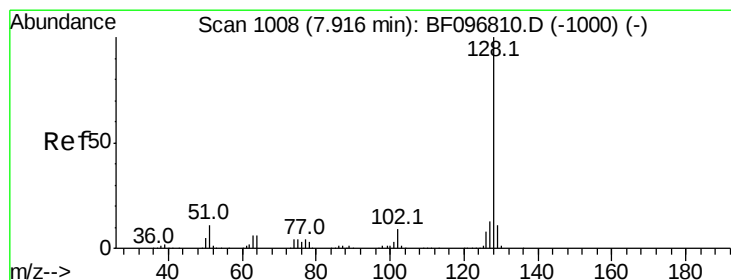
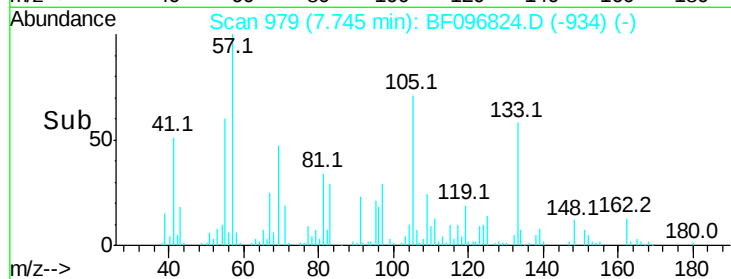
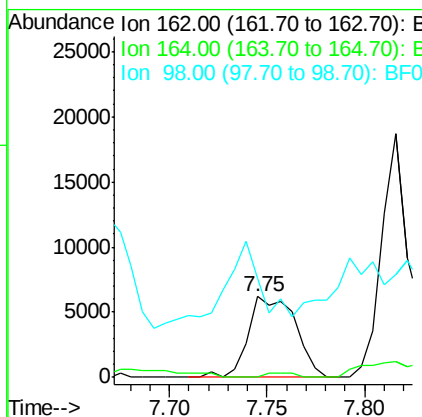
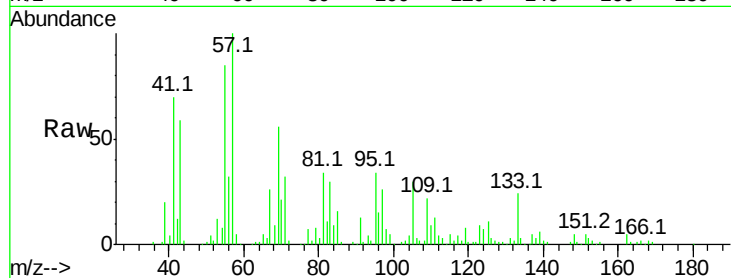




#29
2,4-Dichlorophenol
Concen: 2.084 ng
RT: 7.75 min Scan# 979
Delta R.T. -0.04 min
Lab File: BF096824.D
Acq: 17 Jul 2017 17:27

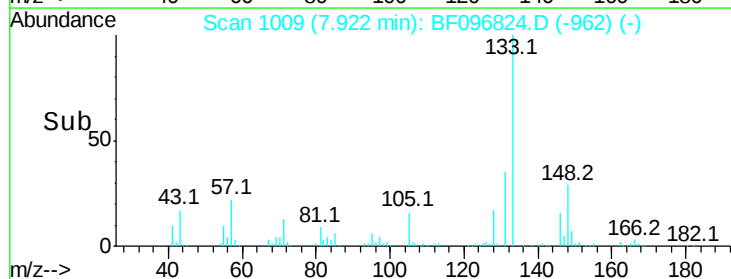
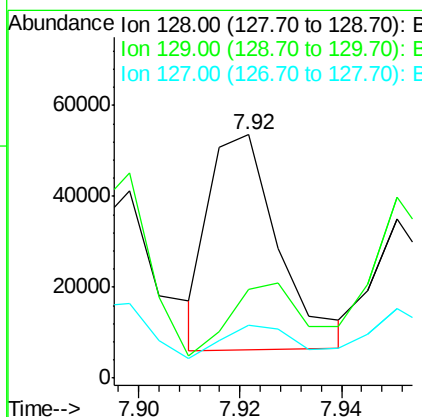
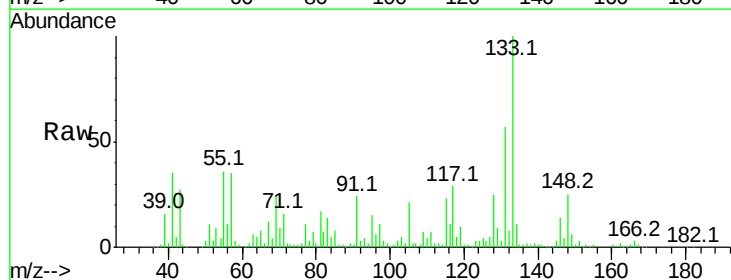
Instrument :
BNA_F
ClientSampled :
DL-SB02A

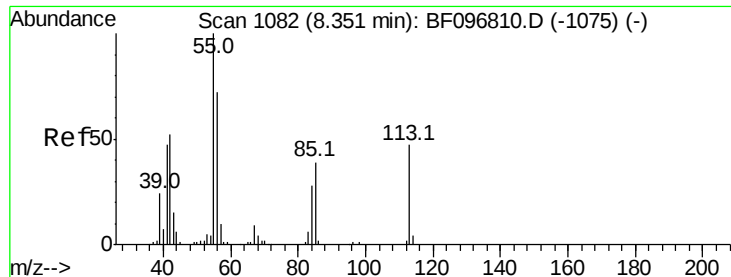
Tot Ion:162 Resp: 10286
Ion Ratio Lower Upper
162 100
164 0.0 44.6 84.6#
98 122.7 14.8 54.8#



#31
Naphthalene
Concen: 2.676 ng
RT: 7.92 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF096824.D
Acq: 17 Jul 2017 17:27

Tgt Ion:128 Resp: 45272
Ion Ratio Lower Upper
128 100
129 36.2 9.0 13.6#
127 21.9 10.8 16.2#





#35

Caprolactam

Concen: 53.796 ng

RT: 8.35 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

Instrument :

BNA_F

ClientSampleId :

DL-SB02A

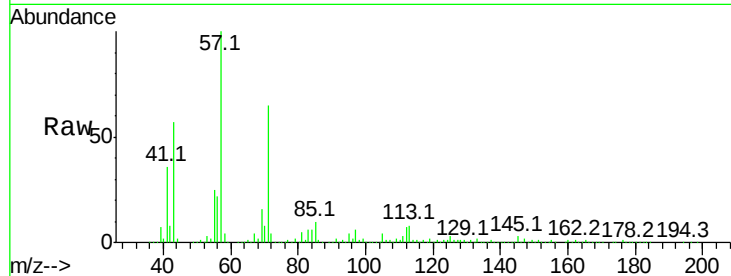
Tot Ion:113 Resp: 85095

Ion Ratio Lower Upper

113 100

55 313.4 150.2 190.2#

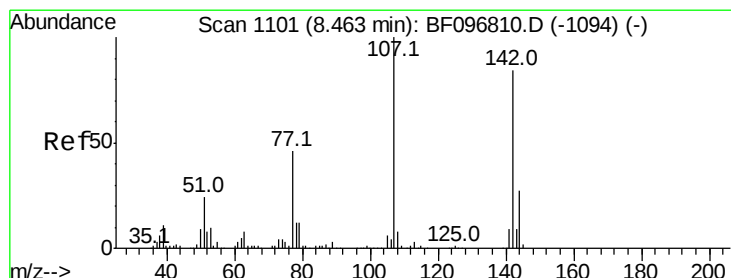
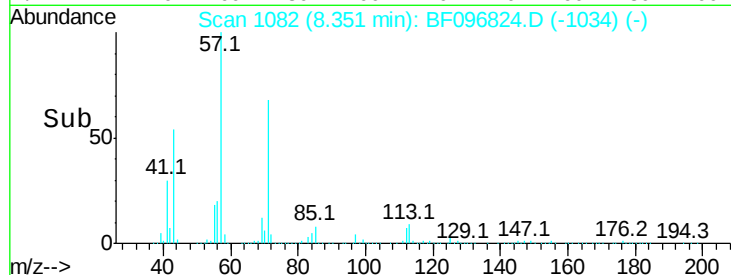
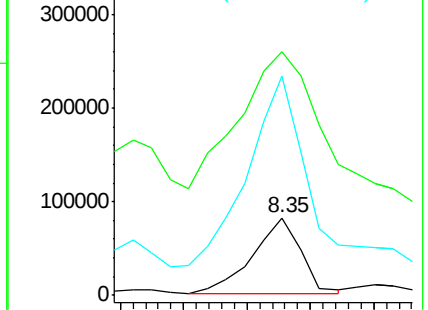
56 282.9 107.8 147.8#



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: 2.883 ng

RT: 8.43 min Scan# 1095

Delta R.T. -0.05 min

Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

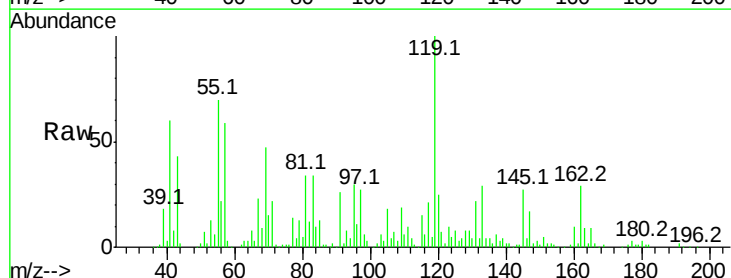
Tgt Ion:107 Resp: 15304

Ion Ratio Lower Upper

107 100

144 20.1 24.2 36.4#

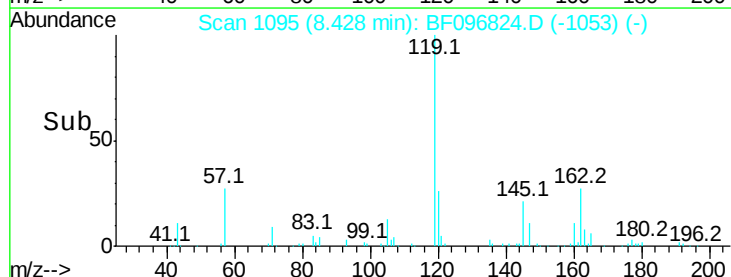
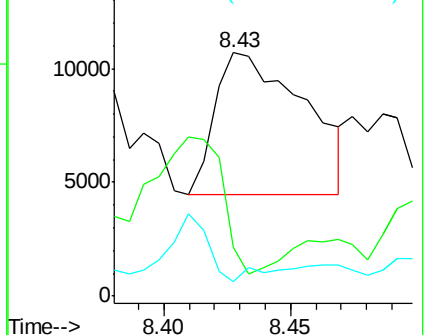
142 6.0 73.4 110.0#

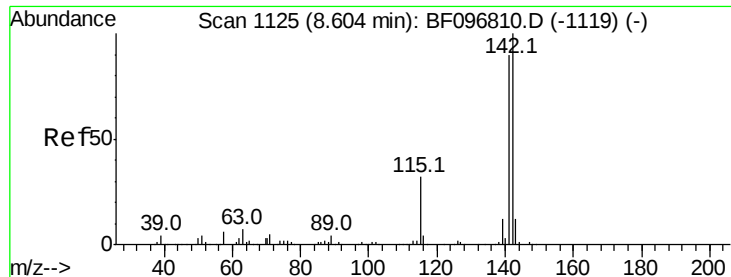


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

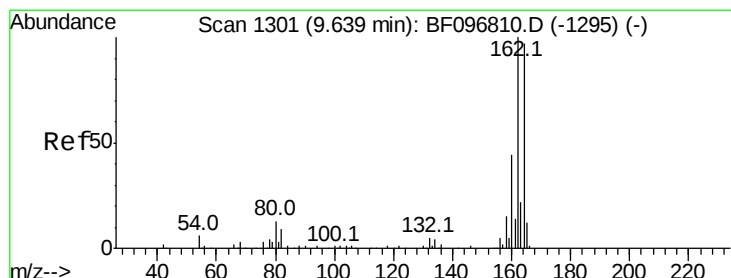
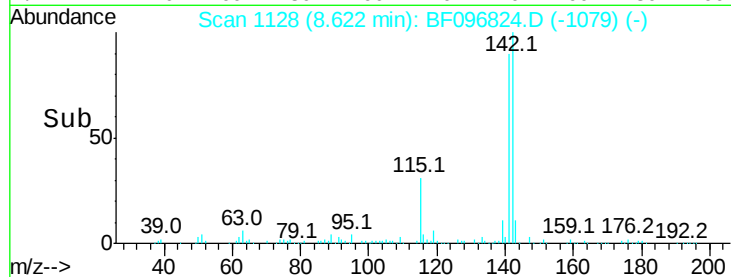
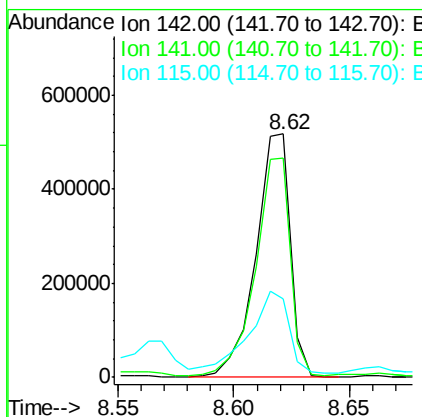
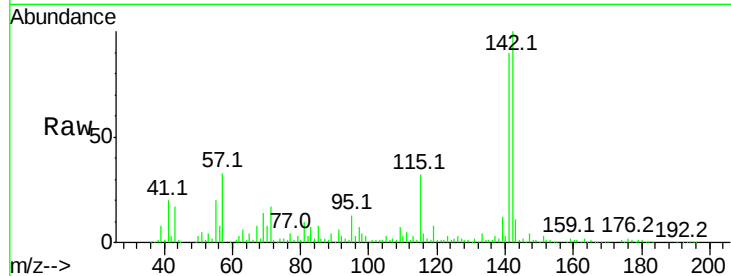




#37
 2-Methylnaphthalene
 Concen: 50.179 ng
 RT: 8.62 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF096824.D
 Acq: 17 Jul 2017 17:27

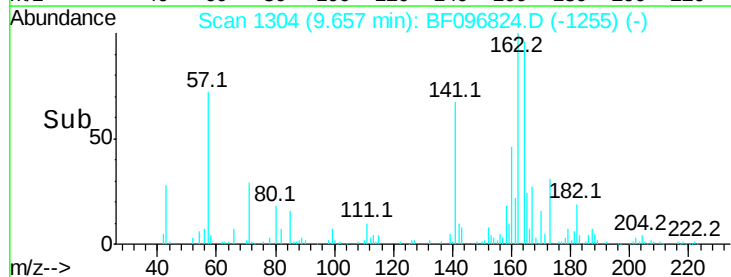
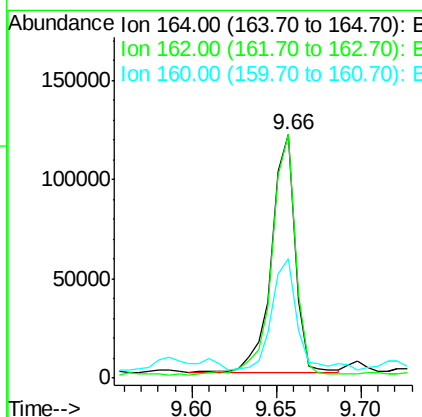
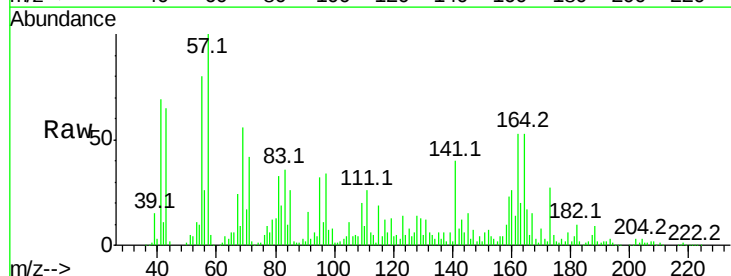
Instrument :
 BNA_F
 ClientSampleId :
 DL-SB02A

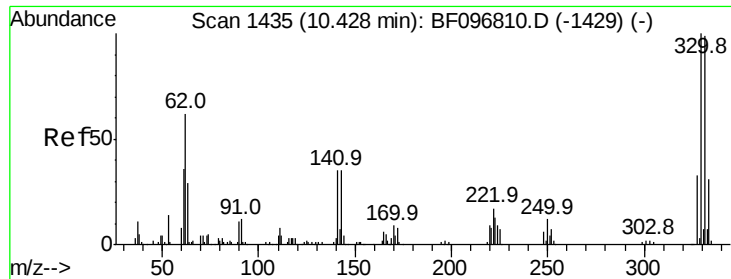
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.3	106.9
115	32.3	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.66 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF096824.D
 Acq: 17 Jul 2017 17:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.6	123.8
160	49.3	36.2	54.2

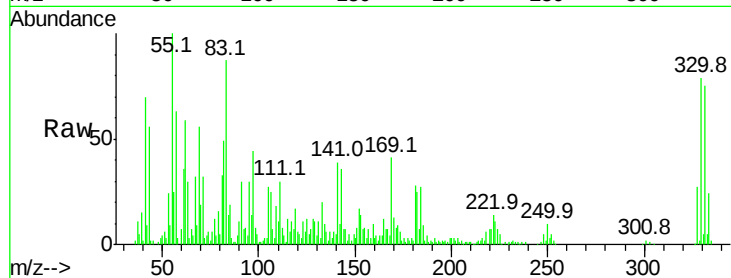




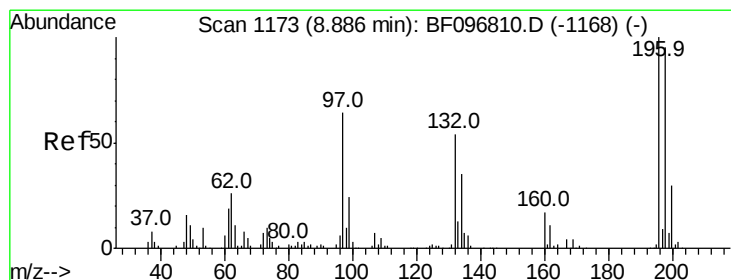
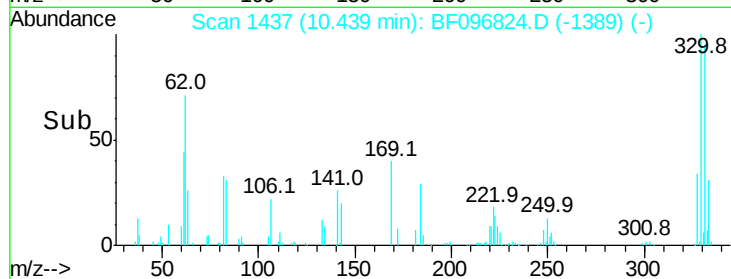
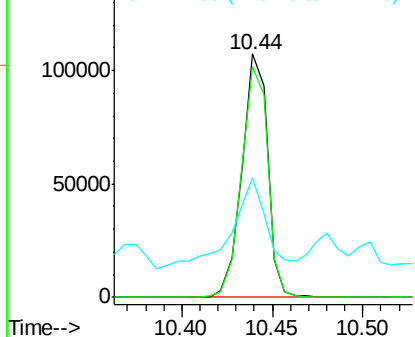
#41
 2,4,6-Tribromophenol
 Concen: 106.781 ng
 RT: 10.44 min Scan# 1437
 Delta R.T. -0.02 min
 Lab File: BF096824.D
 Acq: 17 Jul 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :
 DL-SB02A

Tot Ion:330 Resp: 105590
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 52.1 31.4 47.2#

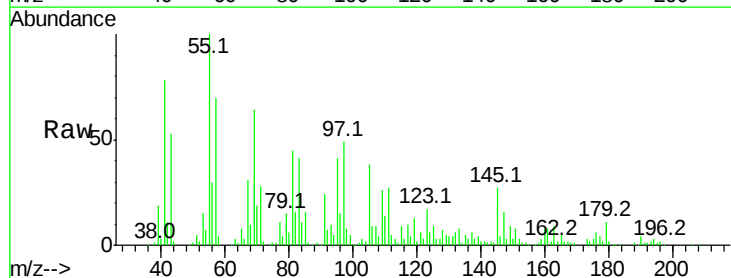


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

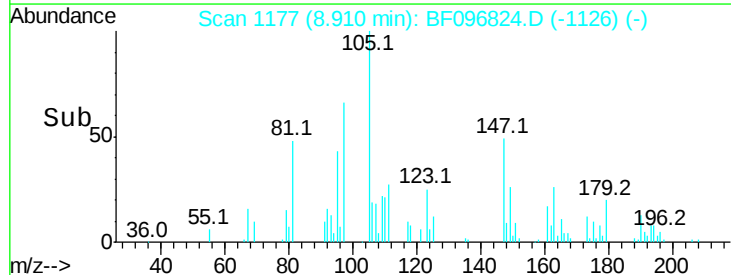
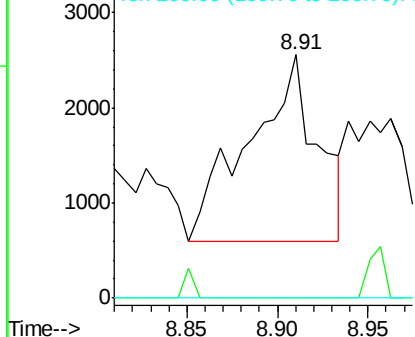


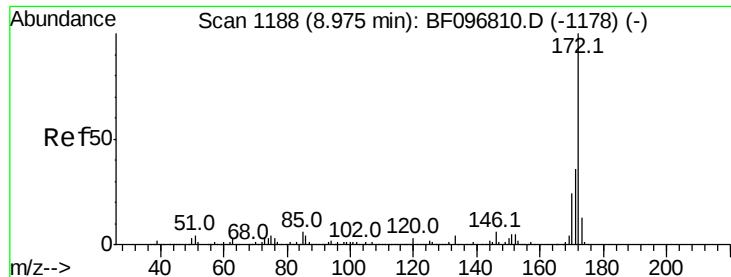
#42
 2,4,6-Trichlorophenol
 Concen: 2.217 ng
 RT: 8.91 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF096824.D
 Acq: 17 Jul 2017 17:27

Tgt Ion:196 Resp: 5122
 Ion Ratio Lower Upper
 196 100
 198 0.0 74.2 111.4#
 200 0.0 24.0 36.0#



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





#44

2-Fluorobiphenyl

Concen: 102.148 ng

RT: 8.98 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

Instrument :

BNA_F

ClientSampleId :

DL-SB02A

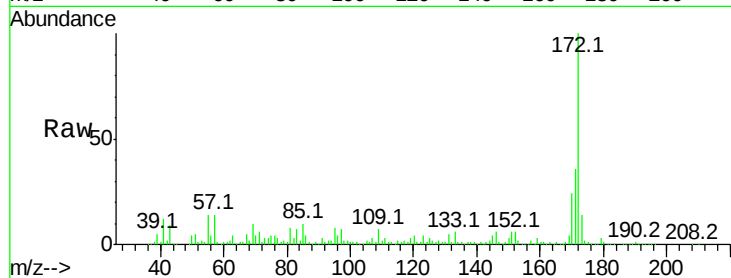
Tot Ion:172 Resp: 748986

Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

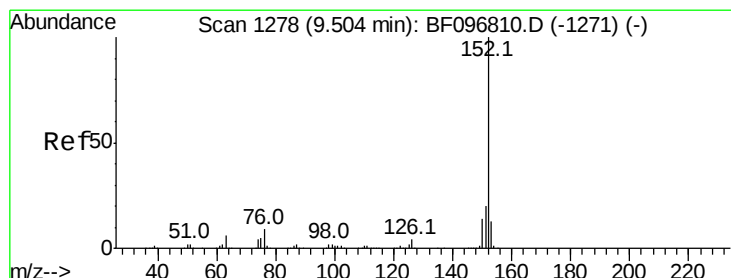
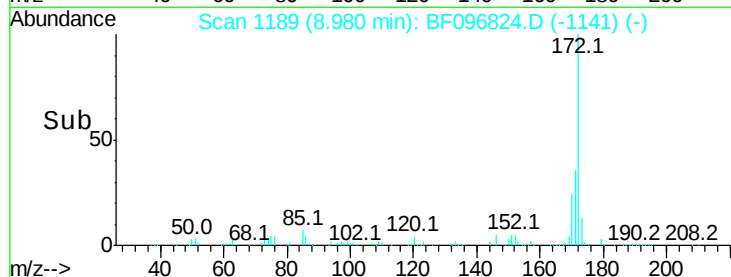
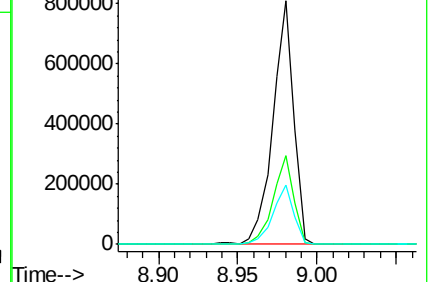
170 24.1 19.8 29.8



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



#48

Acenaphthylene

Concen: 3.222 ng

RT: 9.52 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

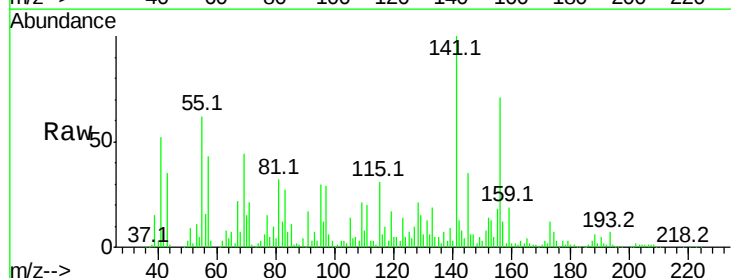
Tgt Ion:152 Resp: 37563

Ion Ratio Lower Upper

152 100

151 54.9 16.8 25.2#

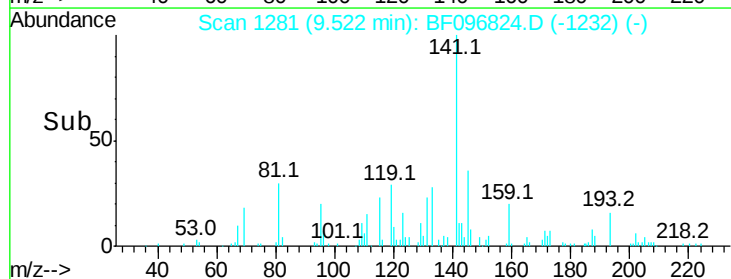
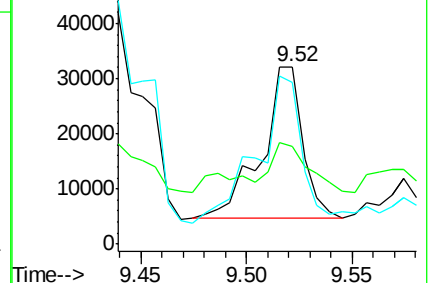
153 91.2 10.8 16.2#

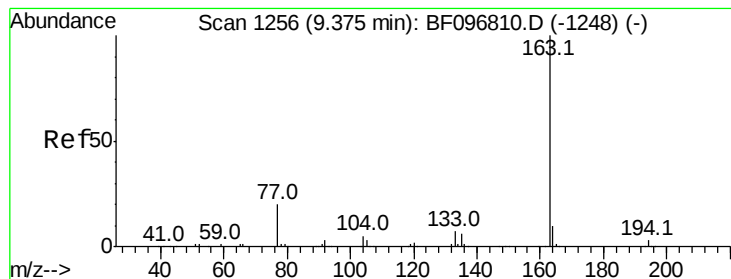


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 9.357 ng

RT: 9.37 min Scan# 1256

Delta R.T. -0.03 min

Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

Instrument :

BNA_F

ClientSampleId :

DL-SB02A

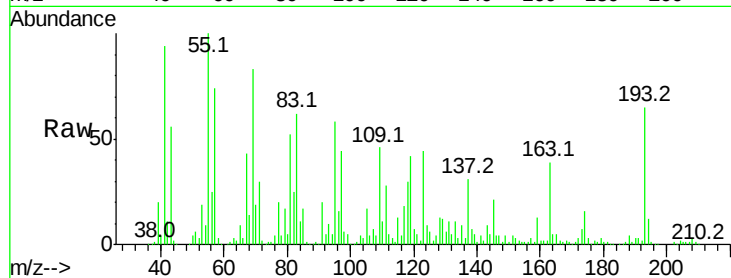
Tot Ion:163 Resp: 81618

Ion Ratio Lower Upper

163 100

194 31.0 2.6 4.0#

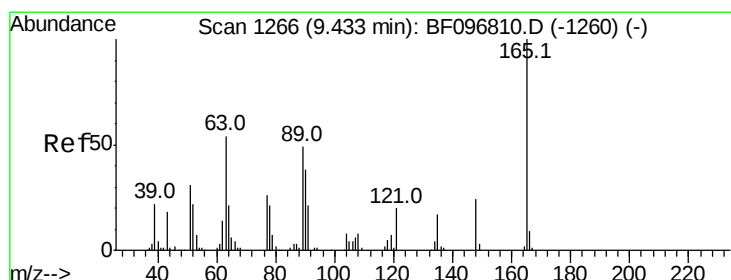
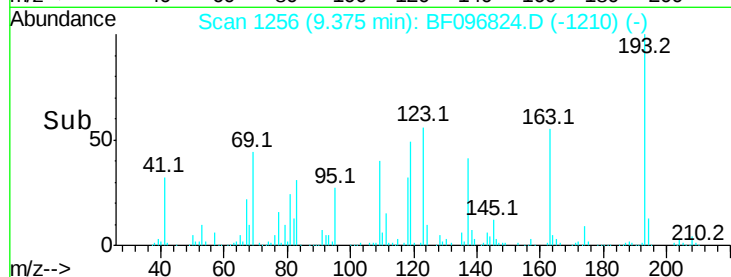
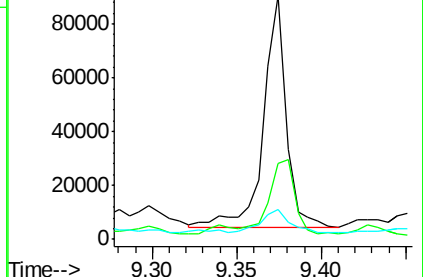
164 12.4 8.4 12.6



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: 5.028 ng

RT: 9.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

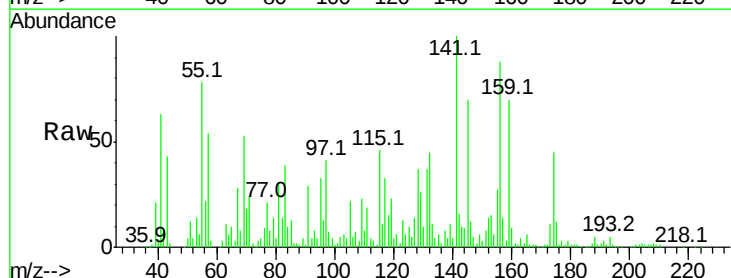
Tgt Ion:165 Resp: 9499

Ion Ratio Lower Upper

165 100

63 173.3 34.3 51.5#

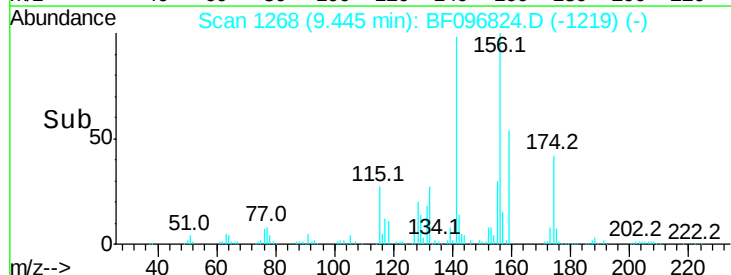
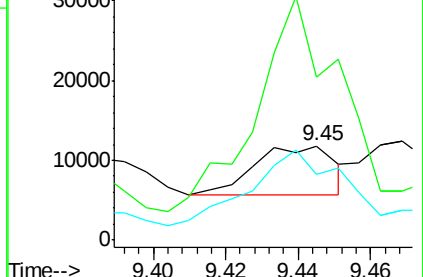
89 69.3 37.1 55.7#

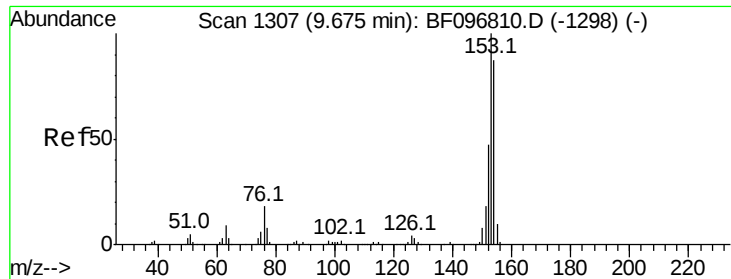


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 10.908 ng

RT: 9.69 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

Instrument :

BNA_F

ClientSampleID :

DL-SB02A

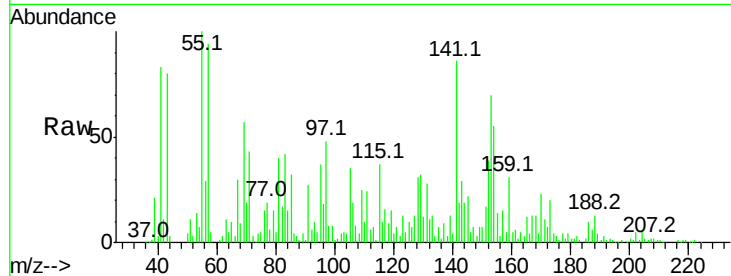
Tot Ion:154 Resp: 75113

Ion Ratio Lower Upper

154 100

153 126.1 90.5 135.7

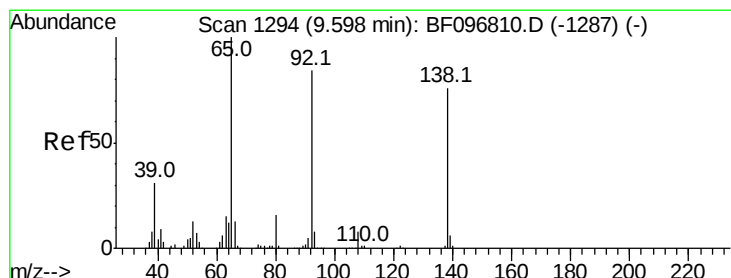
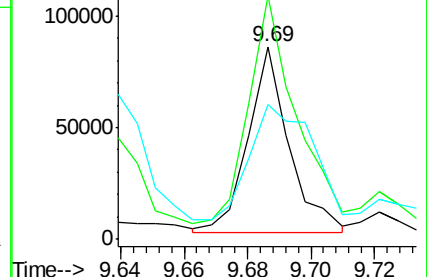
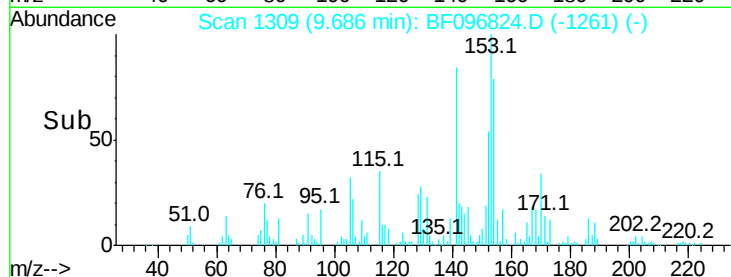
152 70.1 43.6 65.4#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 2.490 ng

RT: 9.61 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

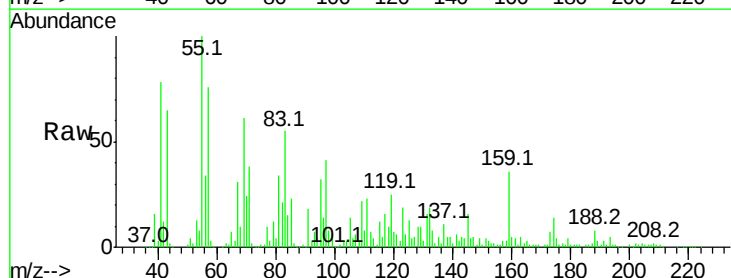
Tgt Ion:138 Resp: 5574

Ion Ratio Lower Upper

138 100

108 64.6 9.1 13.7#

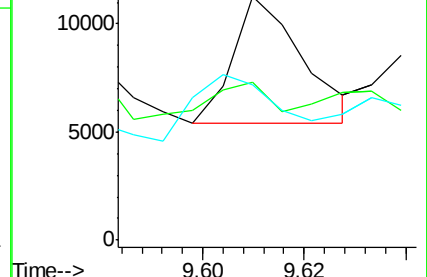
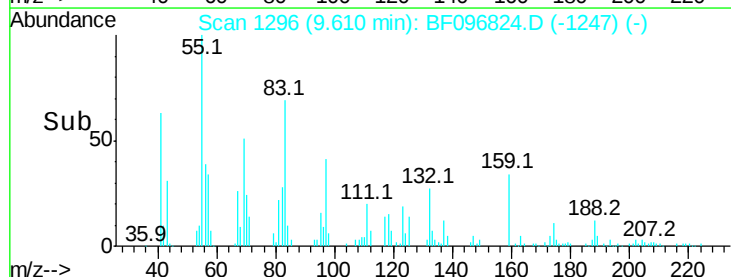
92 63.5 93.8 140.6#

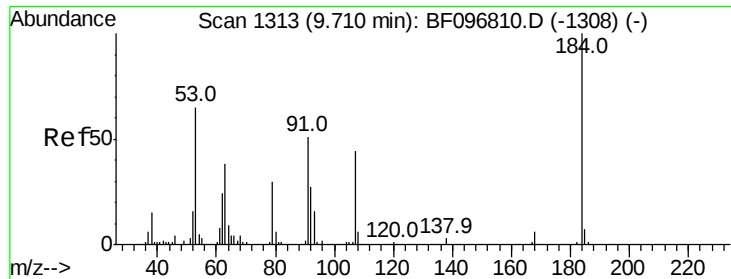


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 7.496 ng

RT: 9.72 min Scan# 1314

Delta R.T. -0.02 min

Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

Instrument :

BNA_F

ClientSampleId :

DL-SB02A

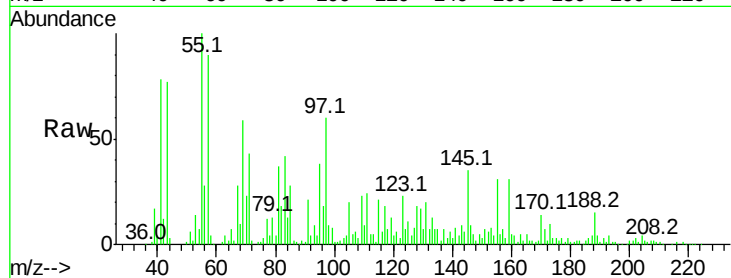
Tot Ion:184 Resp: 772

Ion Ratio Lower Upper

184 100

63 867.9 62.7 94.1#

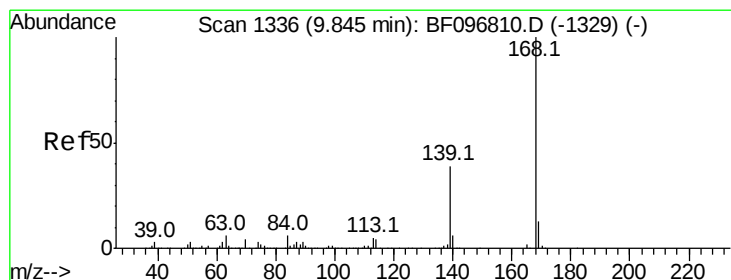
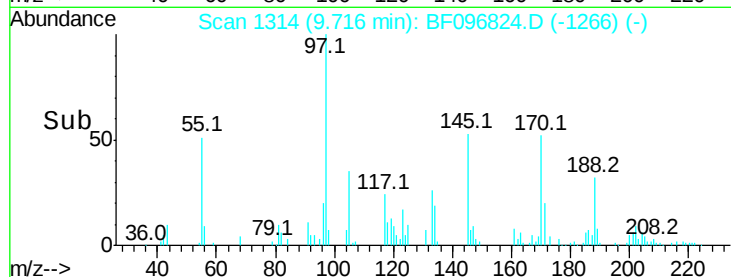
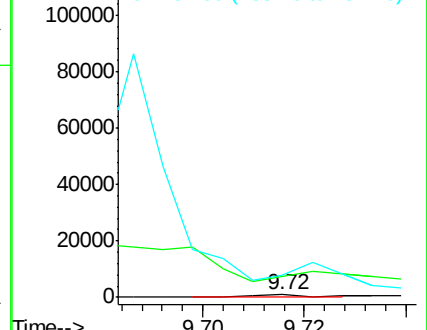
154 877.3 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 6.052 ng

RT: 9.86 min Scan# 1338

Delta R.T. -0.02 min

Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

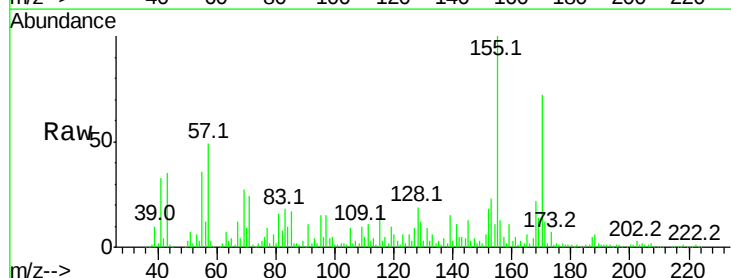
Tgt Ion:168 Resp: 58404

Ion Ratio Lower Upper

168 100

139 70.5 30.6 45.8#

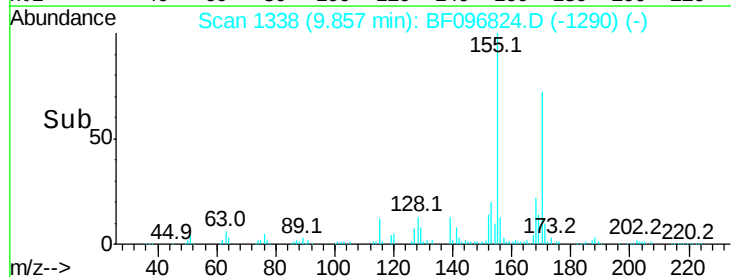
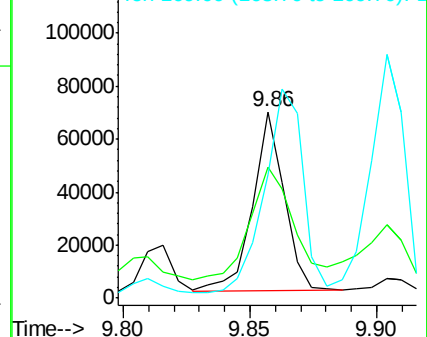
169 65.8 10.8 16.2#

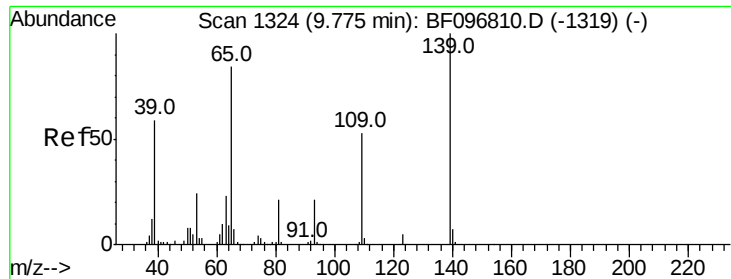


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

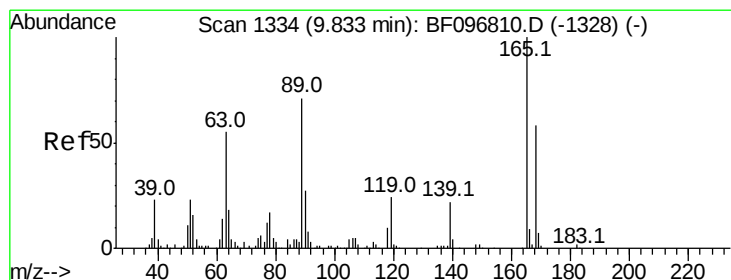
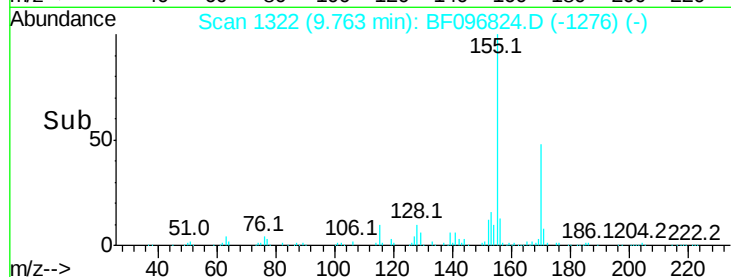
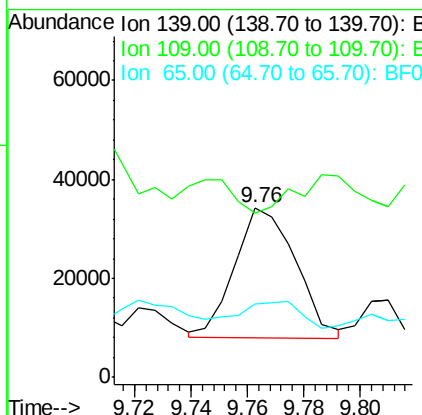
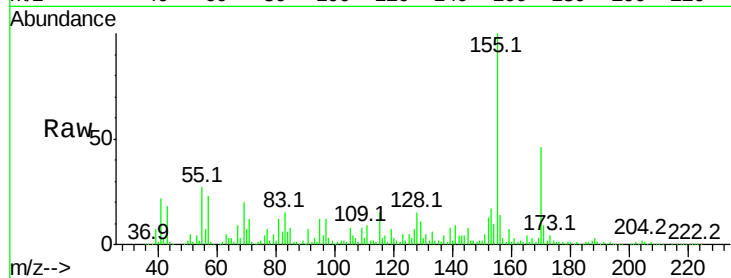




#55
4-Nitrophenol
Concen: 24.233 ng
RT: 9.76 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BF096824.D
Acq: 17 Jul 2017 17:27

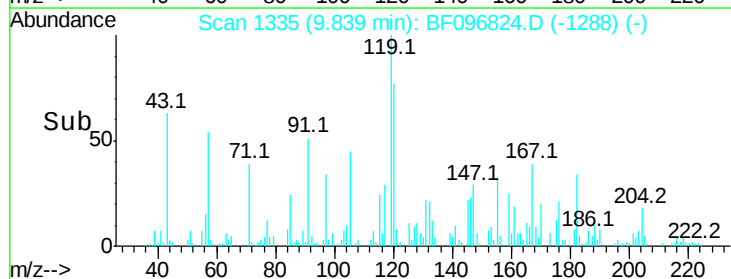
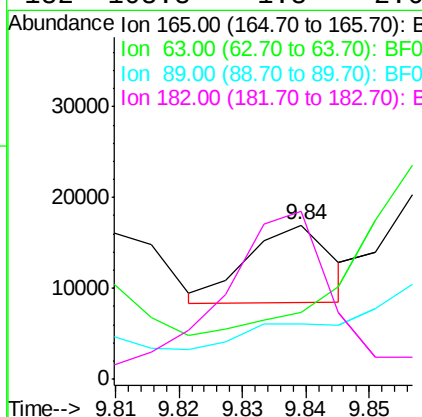
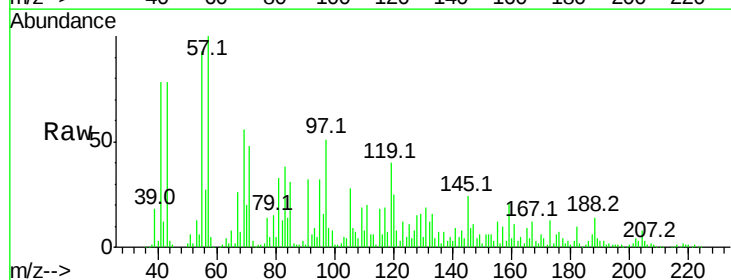
Instrument :
BNA_F
ClientSampleId :
DL-SB02A

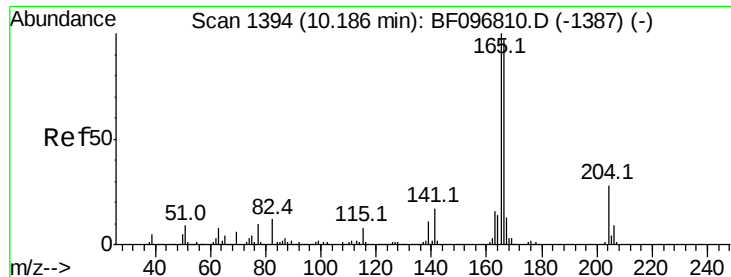
Tot Ion:139 Resp: 39626
Ion Ratio Lower Upper
139 100
109 96.8 34.1 74.1#
65 42.9 31.4 71.4



#56
2,4-Dinitrotoluene
Concen: 3.281 ng
RT: 9.84 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF096824.D
Acq: 17 Jul 2017 17:27

Tgt Ion:165 Resp: 7965
Ion Ratio Lower Upper
165 100
63 43.0 25.4 38.0#
89 35.8 46.4 69.6#
182 108.8 1.8 2.6#





#57

Fluorene

Concen: 22.314 ng

RT: 10.20 min Scan# 1396

Delta R.T. -0.02 min

Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

Instrument :

BNA_F

ClientSampleId :

DL-SB02A

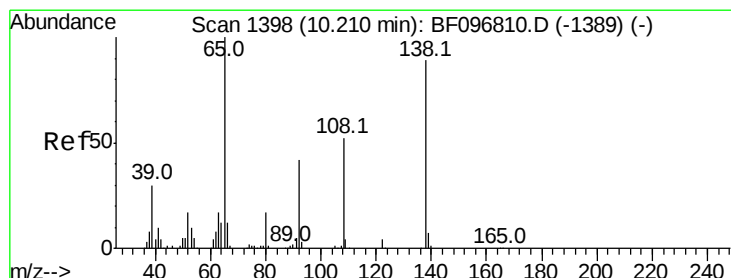
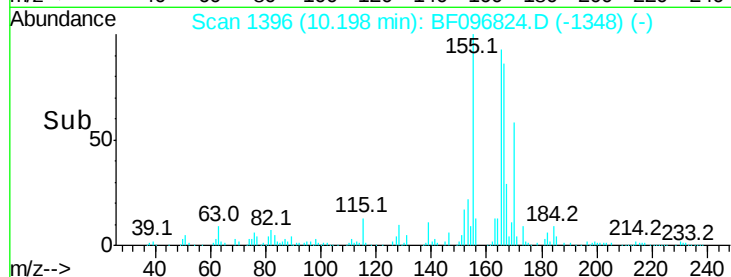
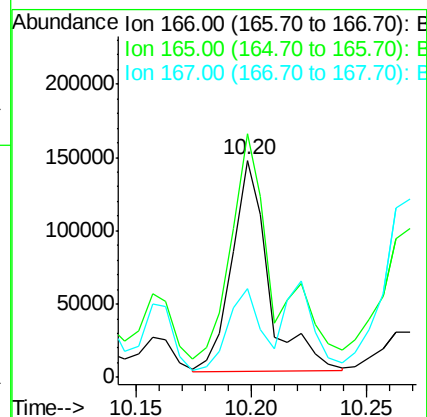
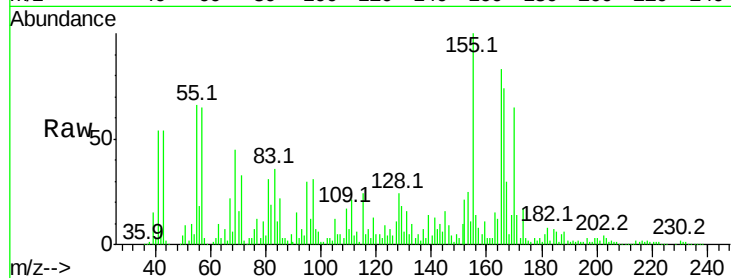
Tot Ion:166 Resp: 159114

Ion Ratio Lower Upper

166 100

165 112.0 78.8 118.2

167 40.7 10.6 16.0#



#61

4-Nitroaniline

Concen: 4.778 ng

RT: 10.12 min Scan# 1382

Delta R.T. -0.12 min

Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

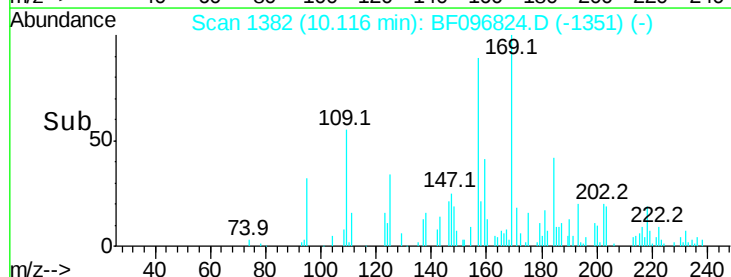
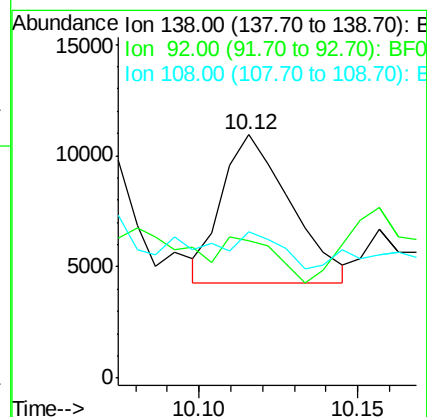
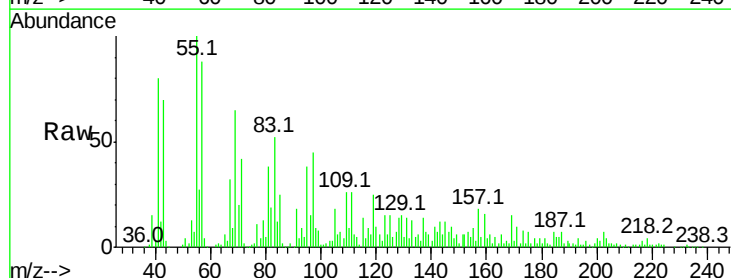
Tgt Ion:138 Resp: 10042

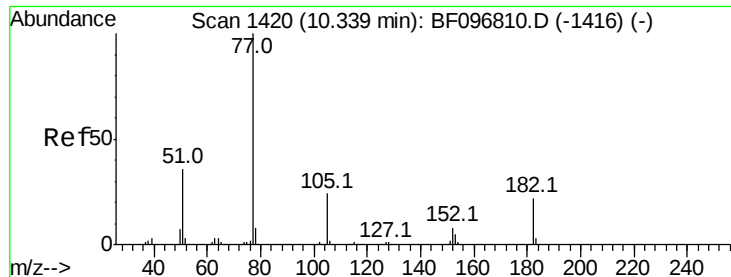
Ion Ratio Lower Upper

138 100

92 56.5 21.8 61.8

108 60.3 42.3 82.3

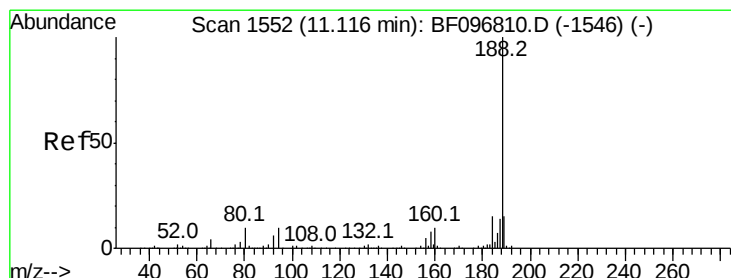
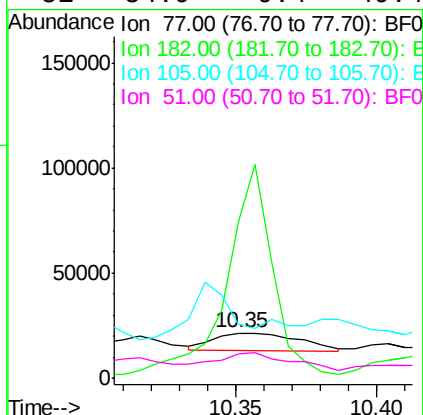
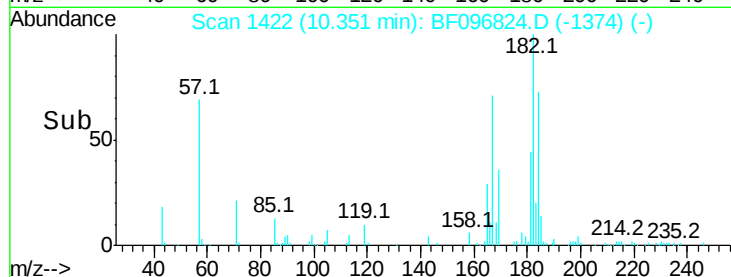
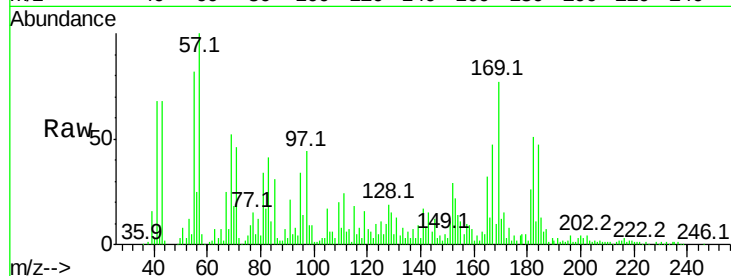




#62
Azobenzene
Concen: 2.282 ng
RT: 10.35 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF096824.D
Acq: 17 Jul 2017 17:27

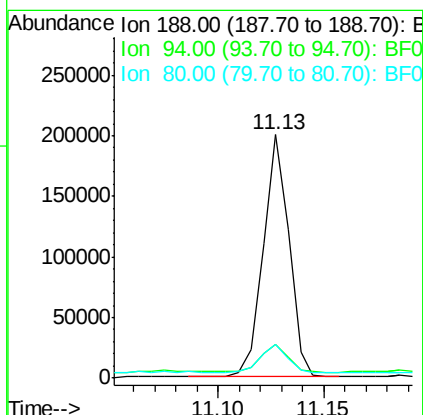
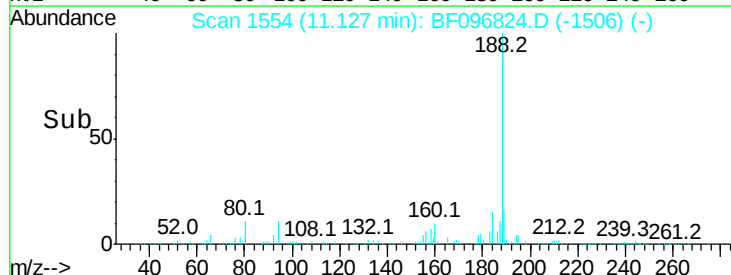
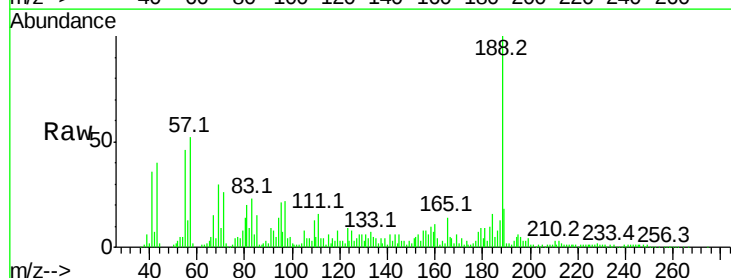
Instrument :
BNA_F
ClientSampleId :
DL-SB02A

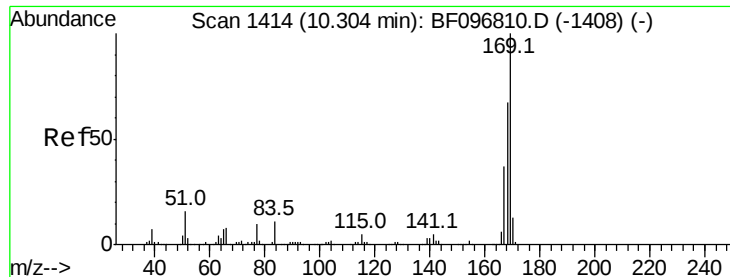
Tot Ion: 77 Resp: 17093
Ion Ratio Lower Upper
77 100
182 345.6 0.1 40.1#
105 118.2 3.6 43.6#
51 54.9 9.4 49.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.13 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF096824.D
Acq: 17 Jul 2017 17:27

Tgt Ion: 188 Resp: 169535
Ion Ratio Lower Upper
188 100
94 13.7 9.4 14.2
80 13.8 10.2 15.2





#65

n-Nitrosodiphenylamine

Concen: 25.581 ng

RT: 10.32 min Scan# 1416

Delta R.T. -0.02 min

Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

Instrument :

BNA_F

ClientSampleId :

DL-SB02A

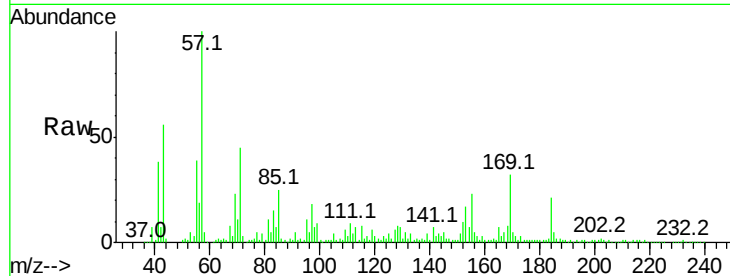
Tot Ion:169 Resp: 155029

Ion Ratio Lower Upper

169 100

168 23.8 53.2 79.8#

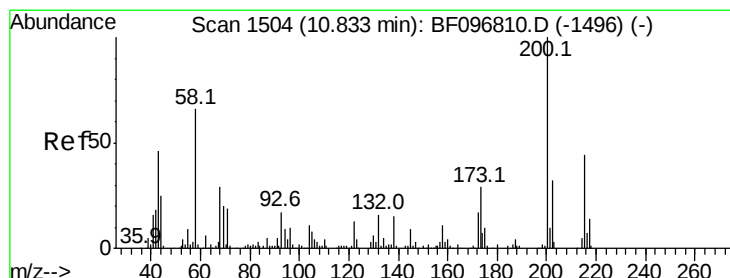
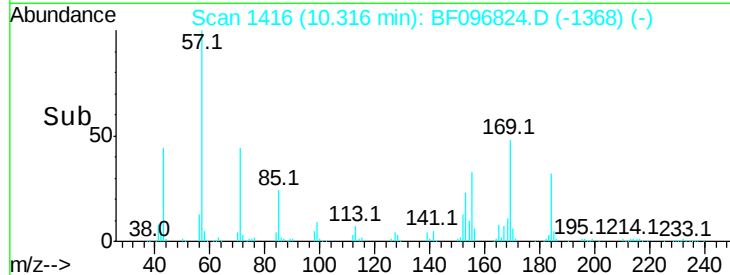
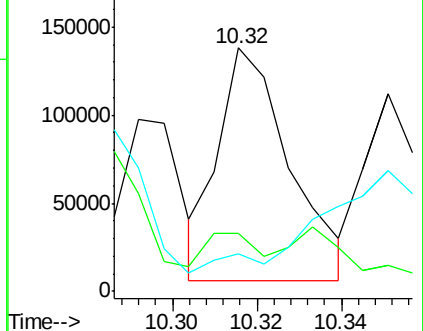
167 15.2 29.5 44.3#



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



#68

Atrazine

Concen: 4.772 ng

RT: 10.86 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

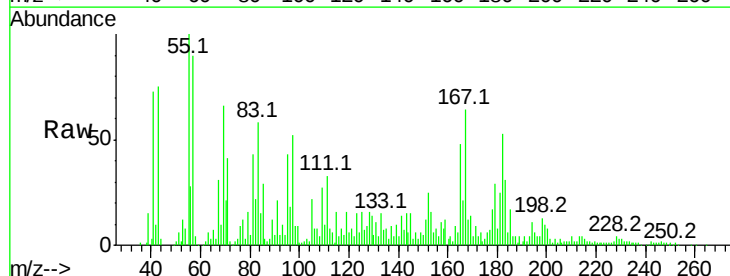
Tgt Ion:200 Resp: 8239

Ion Ratio Lower Upper

200 100

173 76.4 6.3 46.3#

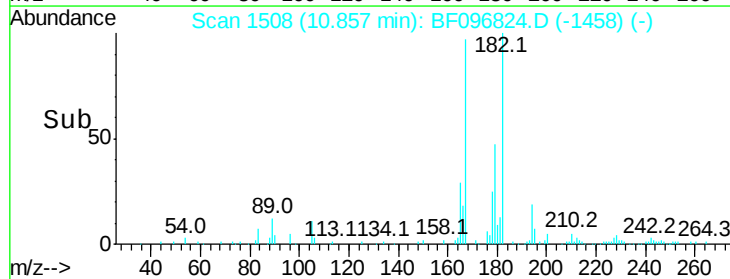
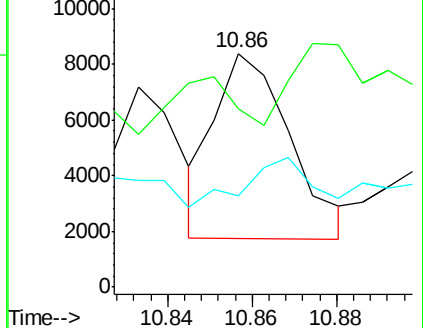
215 38.9 27.2 67.2

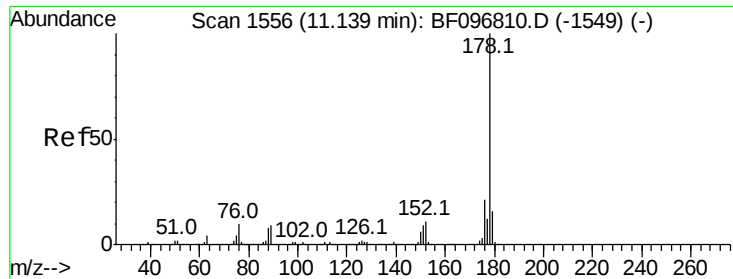


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Phenanthrene

Concen: 40.453 ng

RT: 11.15 min Scan# 1558

Delta R.T. -0.02 min

Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

Instrument :

BNA_F

ClientSampleId :

DL-SB02A

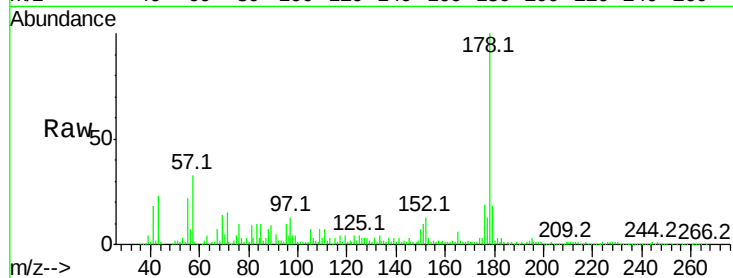
Tot Ion:178 Resp: 372908

Ion Ratio Lower Upper

178 100

176 19.1 16.2 24.4

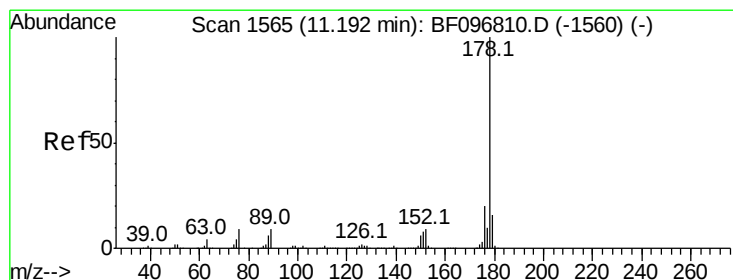
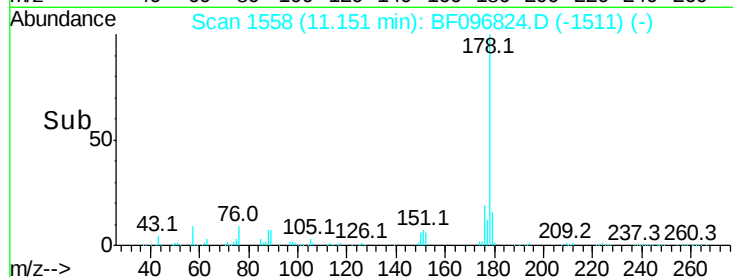
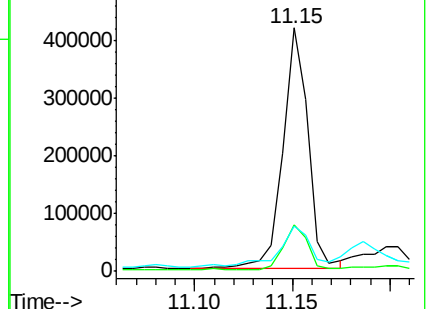
179 18.3 12.6 19.0



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: 40.010 ng

RT: 11.15 min Scan# 1558

Delta R.T. -0.07 min

Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

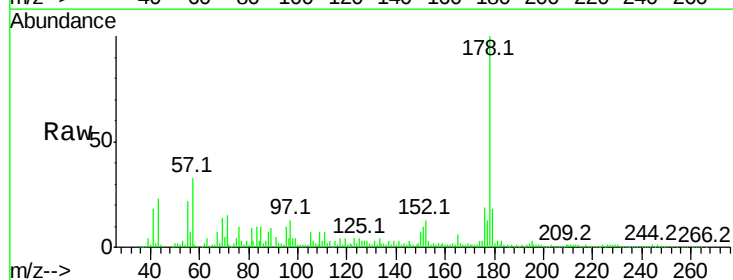
Tgt Ion:178 Resp: 372908

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

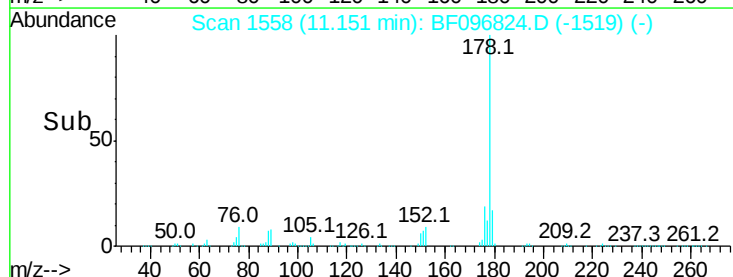
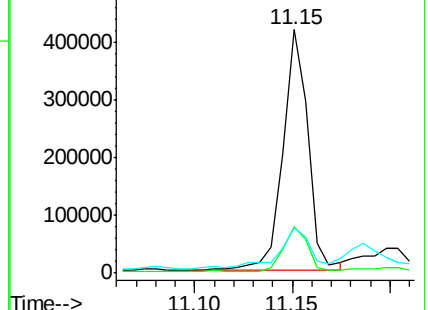
179 18.3 12.7 19.1

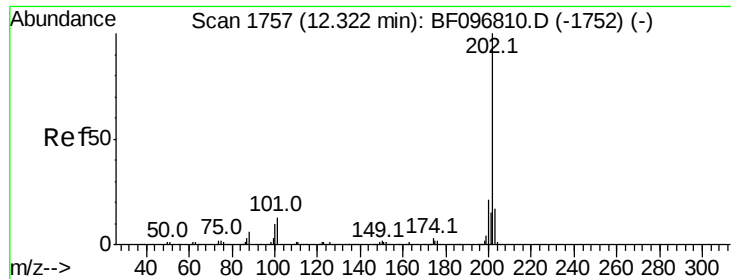


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 16.853 ng

RT: 12.33 min Scan# 1758

Delta R.T. -0.03 min

Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

Instrument :

BNA_F

ClientSampleId :

DL-SB02A

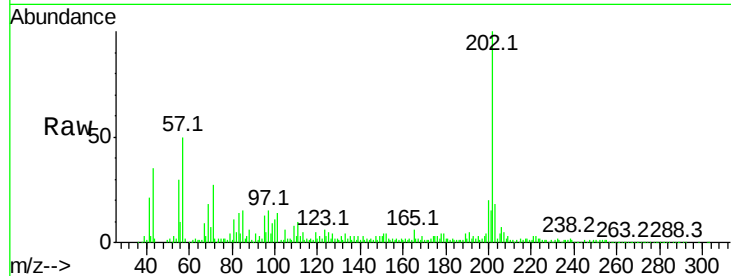
Tot Ion:202 Resp: 148700

Ion Ratio Lower Upper

202 100

101 14.4 0.0 33.2

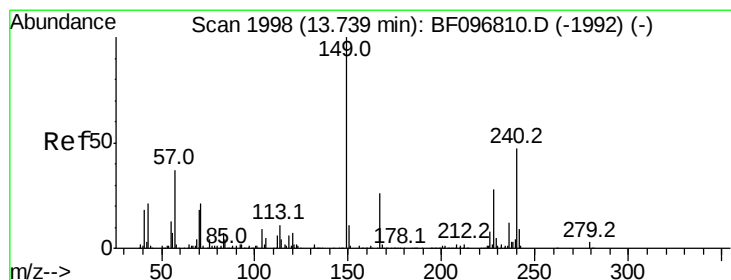
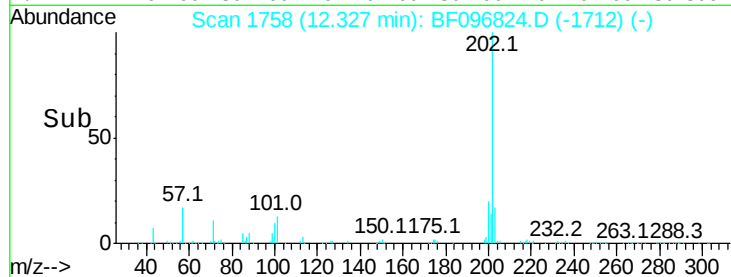
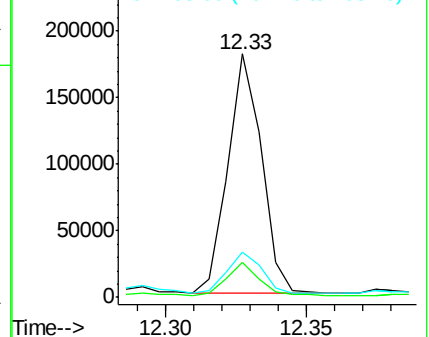
203 18.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.74 min Scan# 1998

Delta R.T. -0.04 min

Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

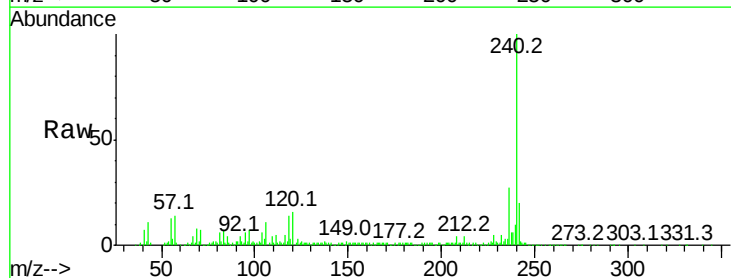
Tgt Ion:240 Resp: 223830

Ion Ratio Lower Upper

240 100

120 15.9 5.8 8.8#

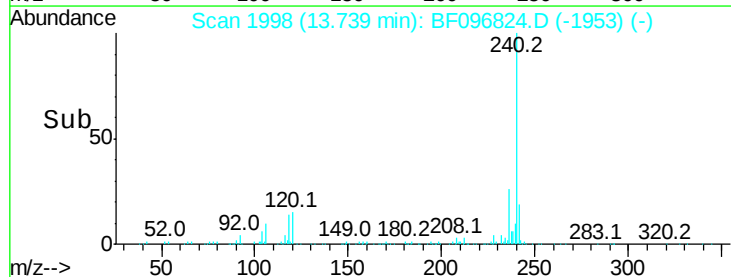
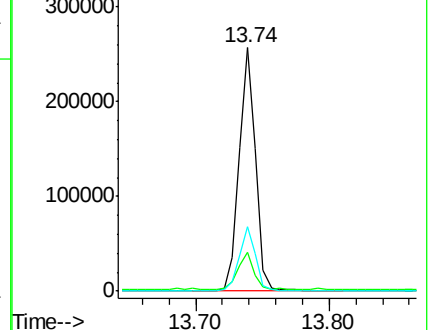
236 26.5 20.5 30.7

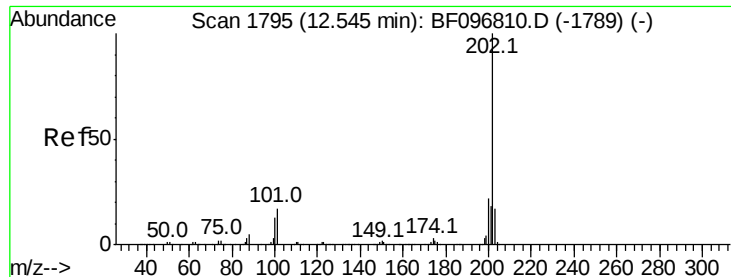


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 8.866 ng

RT: 12.55 min Scan# 1796

Delta R.T. -0.03 min

Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

Instrument :

BNA_F

ClientSampleId :

DL-SB02A

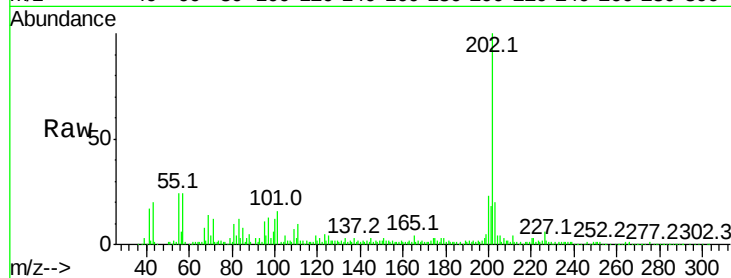
Tot Ion:202 Resp: 180094

Ion Ratio Lower Upper

202 100

200 22.6 17.6 26.4

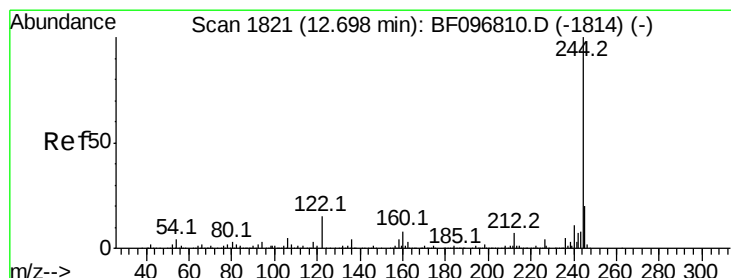
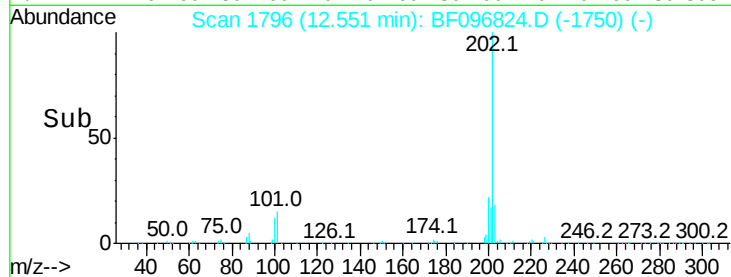
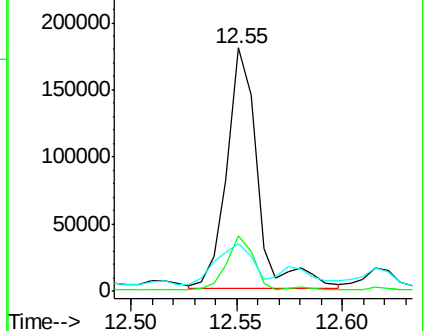
203 19.6 14.4 21.6



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: 41.226 ng

RT: 12.70 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

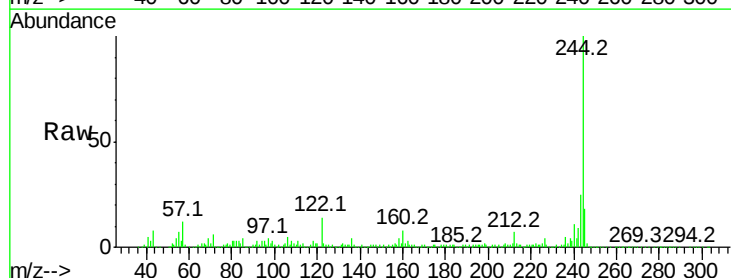
Tgt Ion:244 Resp: 532082

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

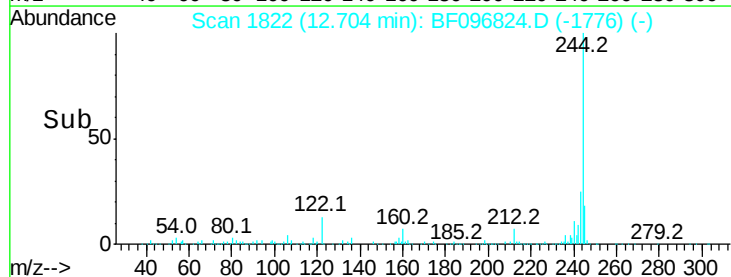
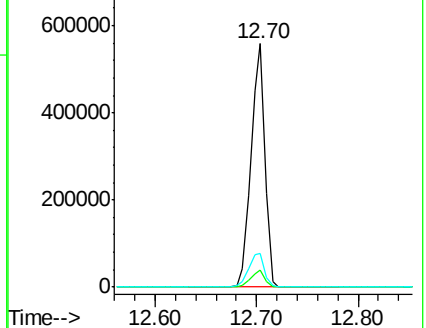
122 13.8 10.3 15.5

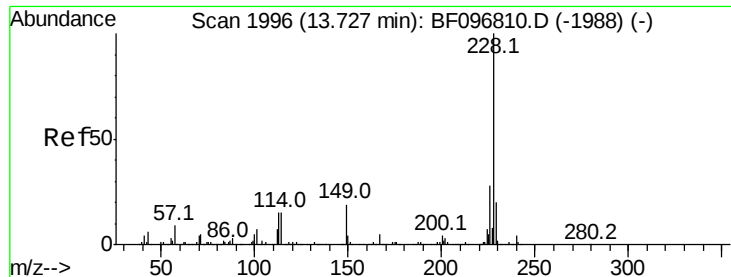


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

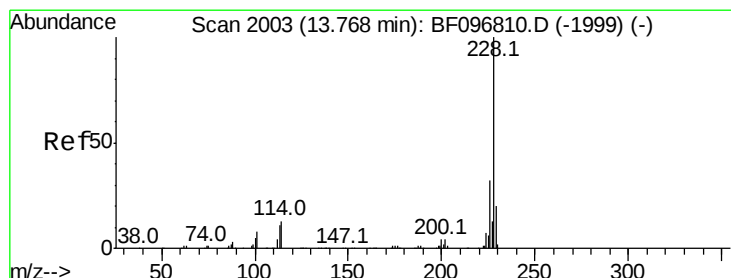
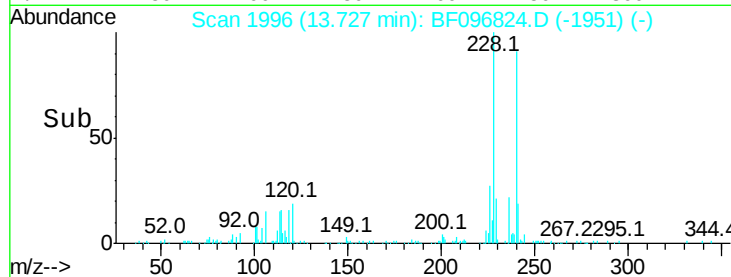
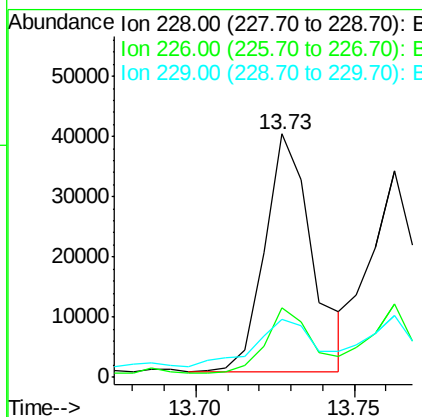
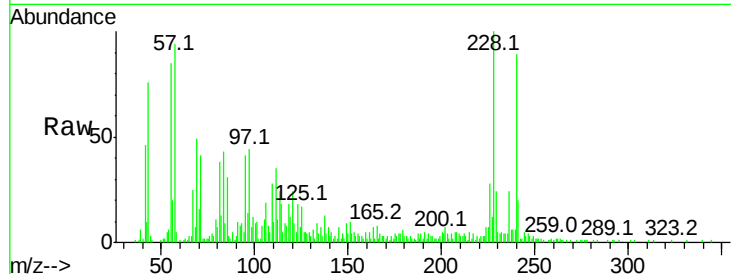




#80
Benzo(a)anthracene
Concen: 2.961 ng
RT: 13.73 min Scan# 1996
Delta R.T. -0.04 min
Lab File: BF096824.D
Acq: 17 Jul 2017 17:27

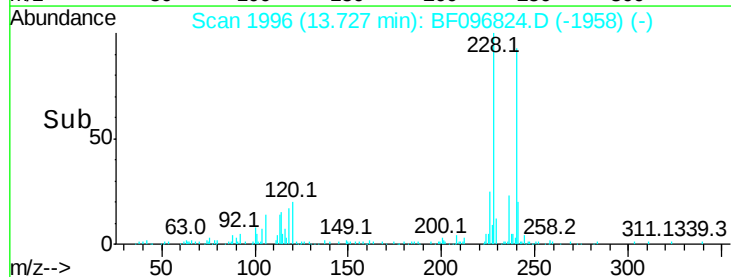
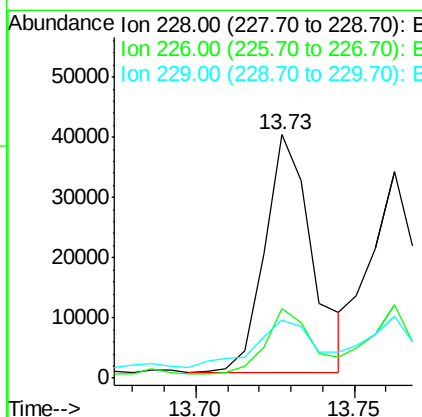
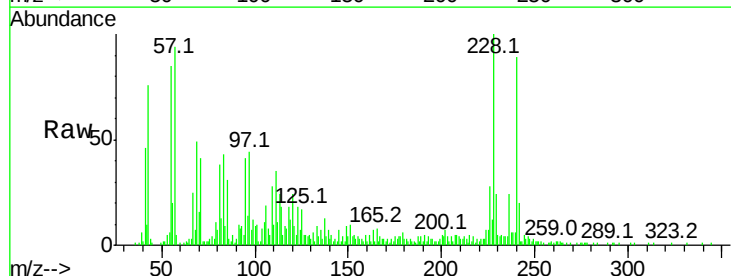
Instrument :
BNA_F
ClientSampleId :
DL-SB02A

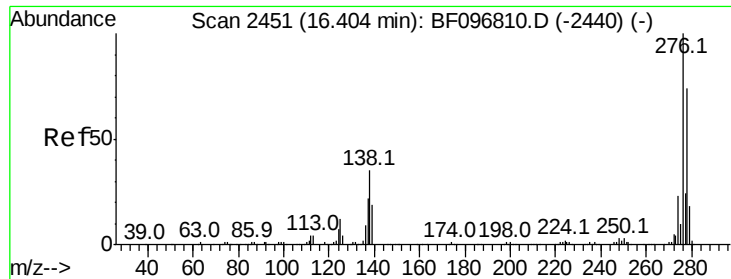
Tot Ion:228 Resp: 41290
Ion Ratio Lower Upper
228 100
226 28.5 22.6 33.8
229 23.6 16.3 24.5



#82
Chrysene
Concen: 3.007 ng
RT: 13.73 min Scan# 1996
Delta R.T. -0.08 min
Lab File: BF096824.D
Acq: 17 Jul 2017 17:27

Tgt Ion:228 Resp: 41290
Ion Ratio Lower Upper
228 100
226 28.5 24.9 37.3
229 23.6 15.8 23.6

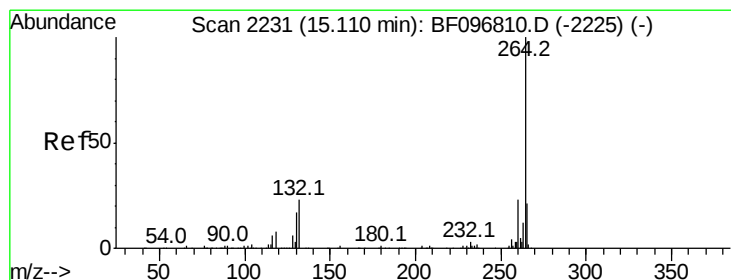
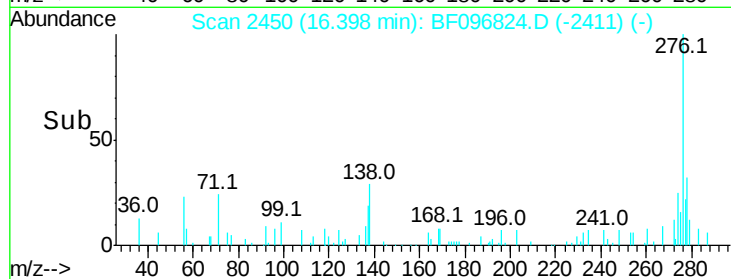
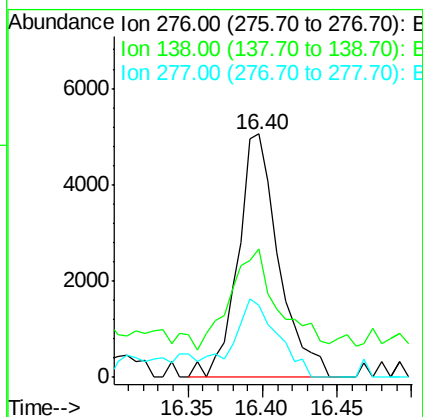
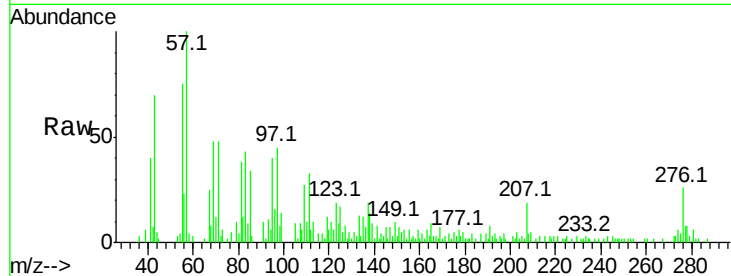




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.053 ng
 RT: 16.40 min Scan# 2450
 Delta R.T. -0.07 min
 Lab File: BF096824.D
 Acq: 17 Jul 2017 17:27

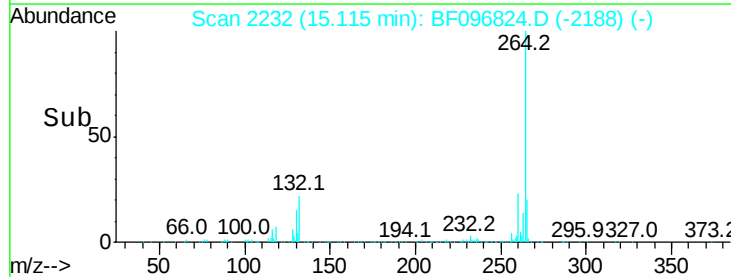
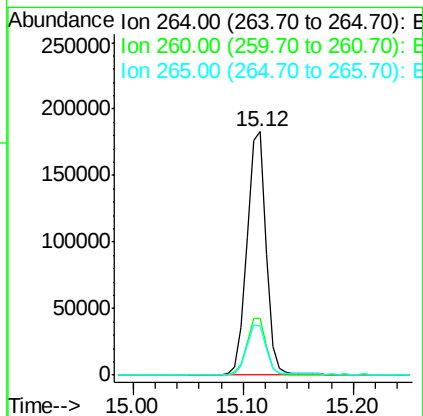
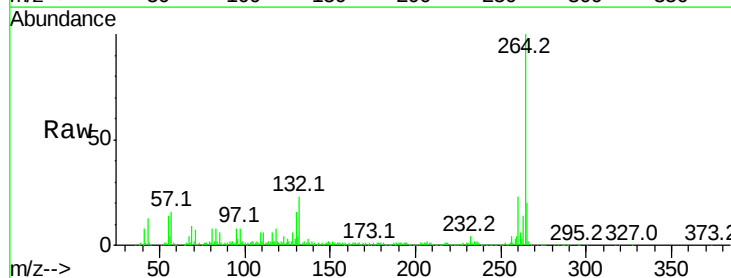
Instrument :
 BNA_F
 ClientSampleId :
 DL-SB02A

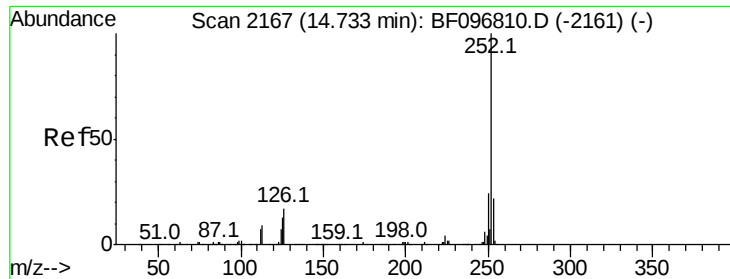
Tot Ion:276 Resp: 9560
 Ion Ratio Lower Upper
 276 100
 138 50.1 27.8 41.6#
 277 34.2 20.2 30.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.12 min Scan# 2232
 Delta R.T. -0.04 min
 Lab File: BF096824.D
 Acq: 17 Jul 2017 17:27

Tgt Ion:264 Resp: 223112
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 20.1 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 3.350 ng

RT: 14.73 min Scan# 2167

Delta R.T. -0.04 min

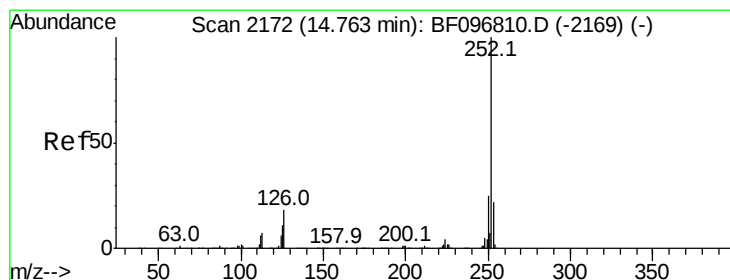
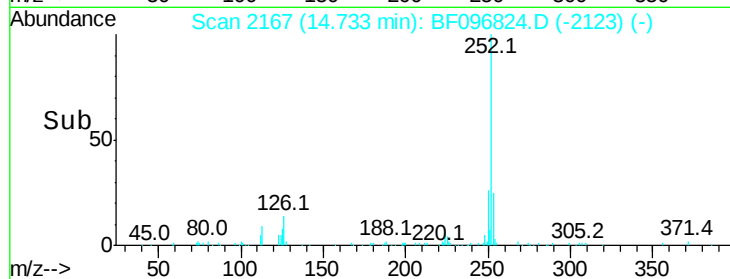
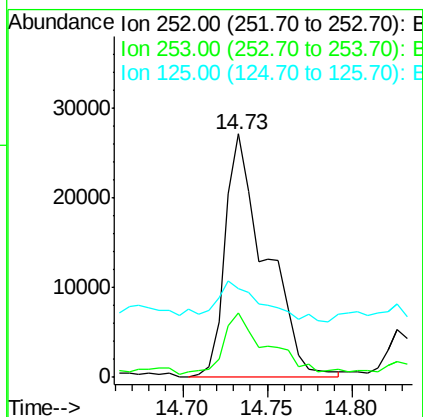
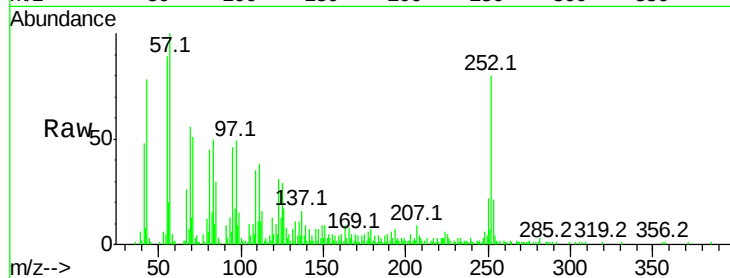
Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

Instrument :
BNA_F
ClientSampleId :
DL-SB02A

Tot Ion:252 Resp: 45081

Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.1	27.1
125	36.7	9.8	14.8#



#88

Benzo(k)fluoranthene

Concen: 3.538 ng

RT: 14.73 min Scan# 2167

Delta R.T. -0.06 min

Lab File: BF096824.D

Acq: 17 Jul 2017 17:27

Tgt Ion:252 Resp: 45081

Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.4	27.6
125	36.7	13.1	19.7#

