

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG012918\
 Data File : BG032426.D
 Acq On : 29 Jan 2018 22:27
 Operator : SJ/JU
 Sample : J1346-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FW-1-2

Quant Time: Jan 30 04:45:32 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

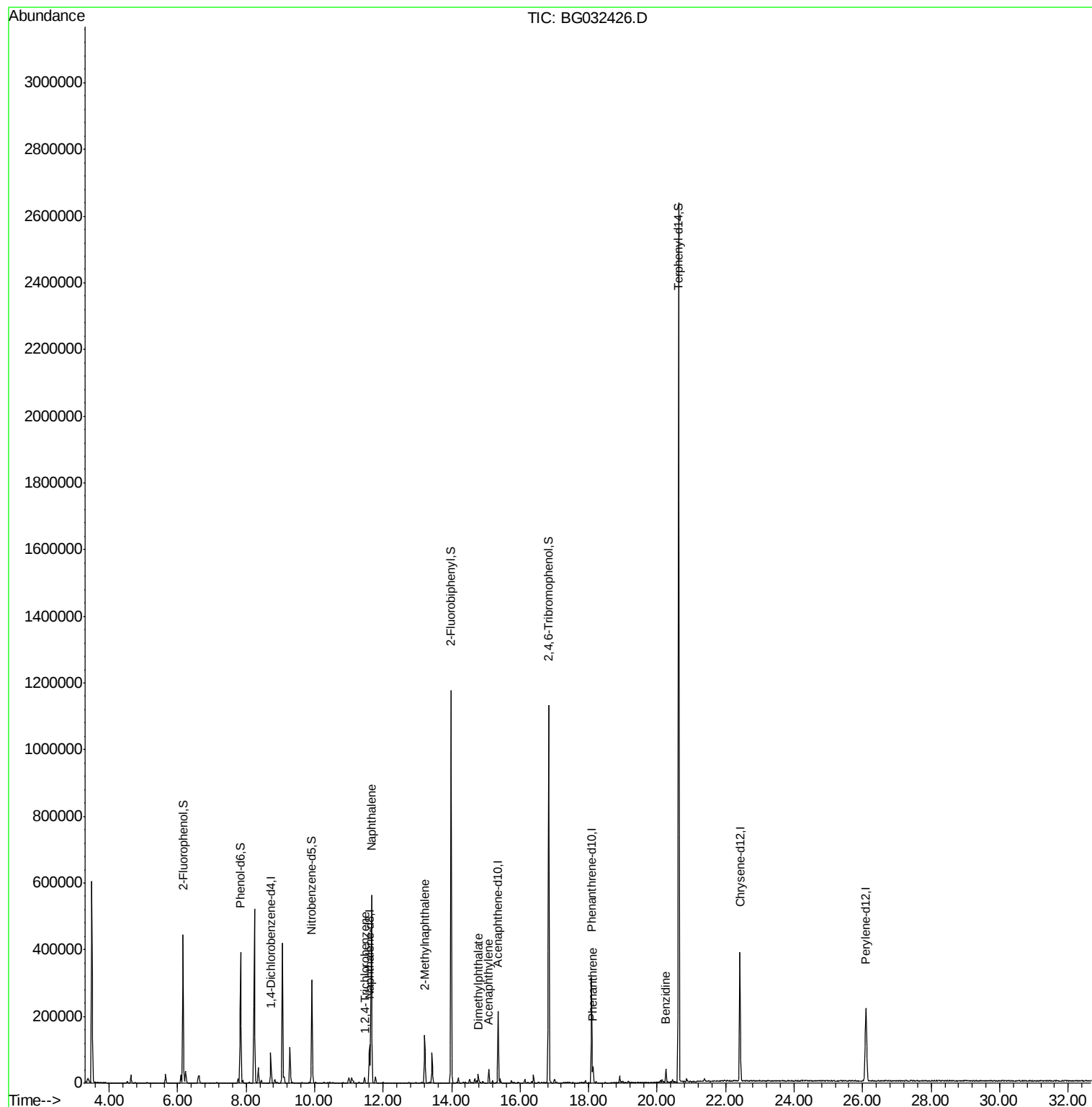
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	29261	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	116517	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	83959	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	231233	20.00	ng	0.00
75) Chrysene-d12	22.42	240	288557	20.00	ng	0.00
86) Perylene-d12	26.09	264	303485	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	215001	147.58	ng	0.00
7) Phenol-d6	7.84	99	235459	121.12	ng	0.01
23) Nitrobenzene-d5	9.92	82	187521	100.52	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	264409	165.45	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	666058	94.29	ng	0.00
78) Terphenyl-d14	20.63	244	1457607	108.20	ng	0.00
Target Compounds						
30) 1,2,4-Trichlorobenzene	11.46	180	7609	2.754	ng	Qvalue # 94
31) Naphthalene	11.66	128	514083	90.336	ng	99
37) 2-Methylnaphthalene	13.21	142	70536	14.754	ng	95
48) Acenaphthylene	15.08	152	32314	3.845	ng	95
49) Dimethylphthalate	14.78	163	19595	2.531	ng	100
70) Phenanthrene	18.13	178	35148	2.726	ng	97
76) Benzdine	20.25	184	28843	5.090	ng	99

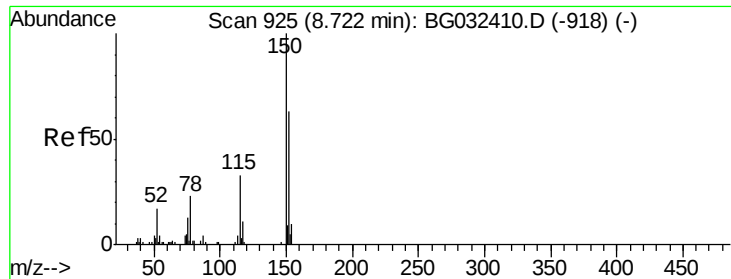
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG012918\
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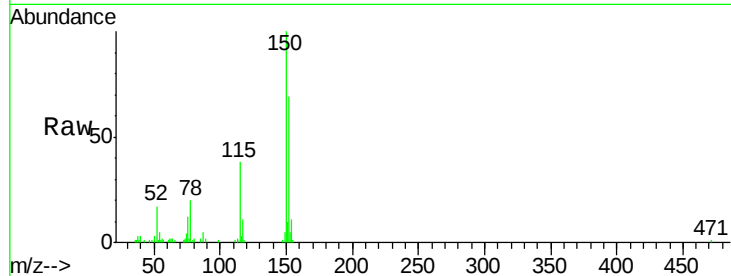


#1

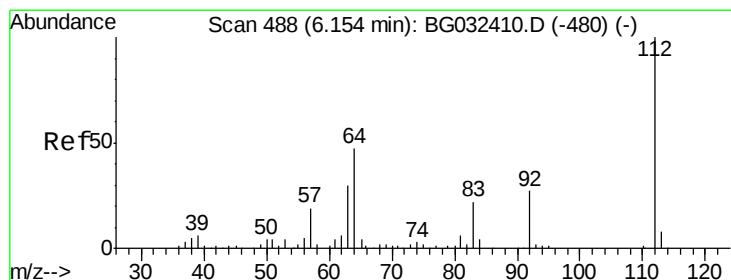
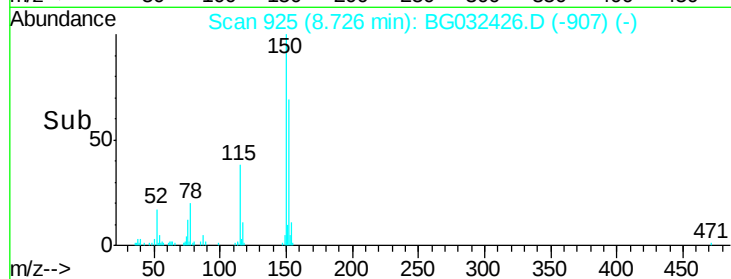
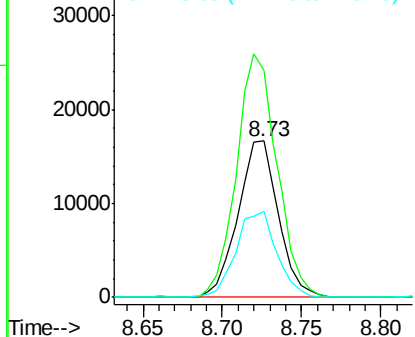
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.73 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG032426.D
Acq: 29 Jan 2018 22:27

Instrument :
BNA_G
ClientSampleId :
FW-1-2

Tgt Ion:152 Resp: 29261
Ion Ratio Lower Upper
152 100
150 145.2 126.6 189.8
115 55.1 53.0 79.4



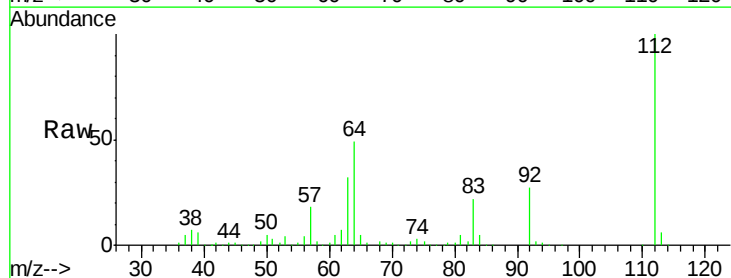
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



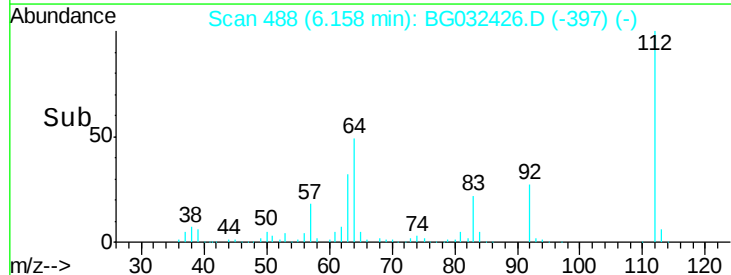
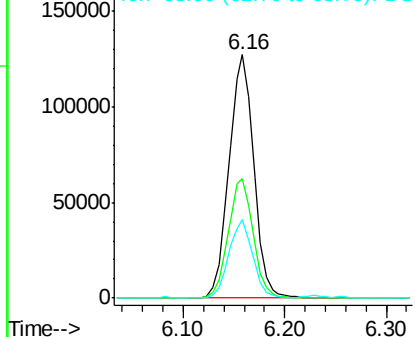
#5

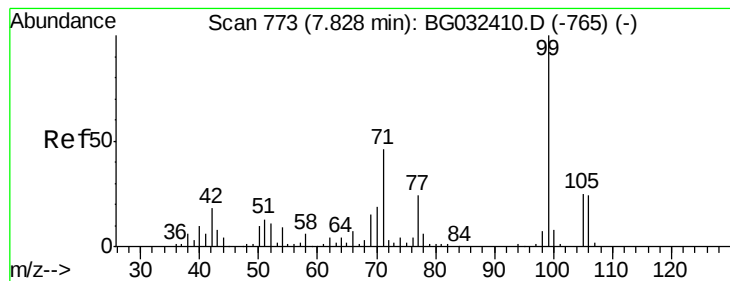
2-Fluorophenol
Concen: 147.583 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032426.D
Acq: 29 Jan 2018 22:27

Tgt Ion:112 Resp: 215001
Ion Ratio Lower Upper
112 100
64 48.8 56.3 84.5#
63 32.1 30.1 45.1



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





#7

Phenol-d6

Concen: 121.121 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032426.D

Acq: 29 Jan 2018 22:27

Instrument :

BNA_G

ClientSampleId :

FW-1-2

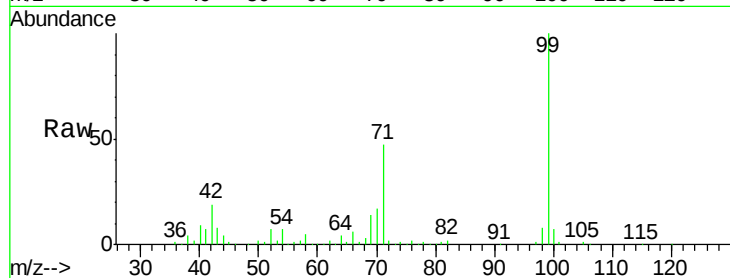
Tgt Ion: 99 Resp: 235459

Ion Ratio Lower Upper

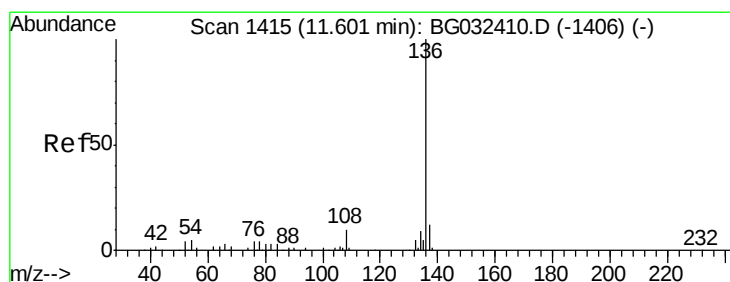
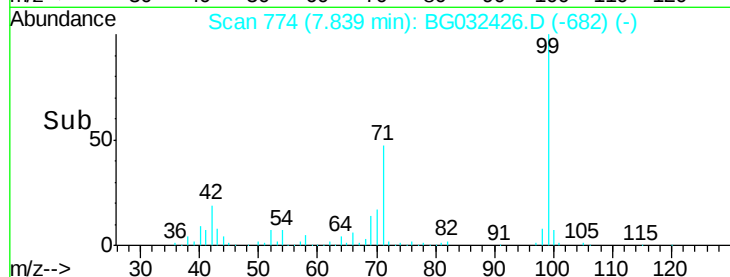
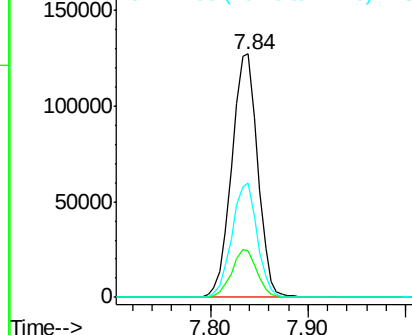
99 100

42 19.2 14.1 21.1

71 47.1 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.60 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BG032426.D

Acq: 29 Jan 2018 22:27

Tgt Ion: 136 Resp: 116517

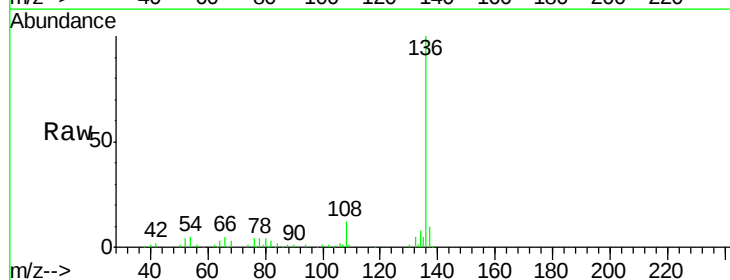
Ion Ratio Lower Upper

136 100

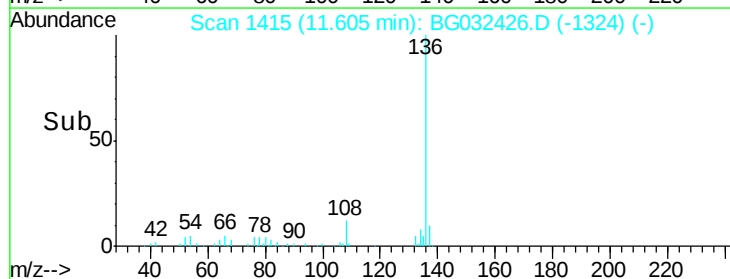
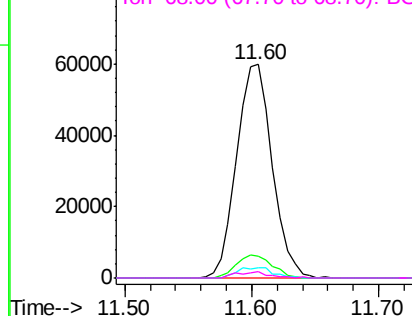
137 10.3 9.2 13.8

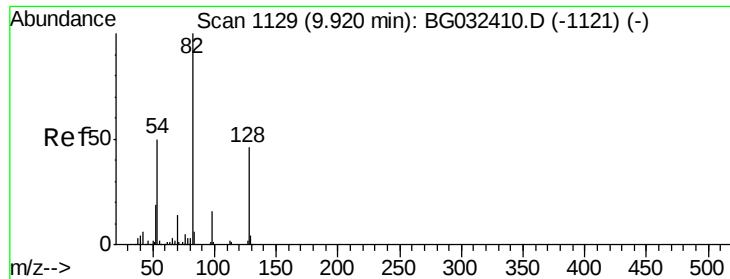
54 5.1 10.3 15.5#

68 3.0 4.5 6.7#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

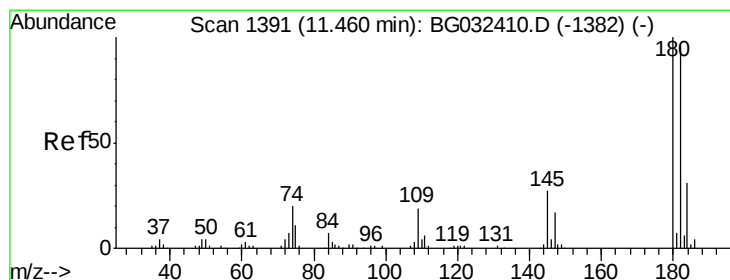
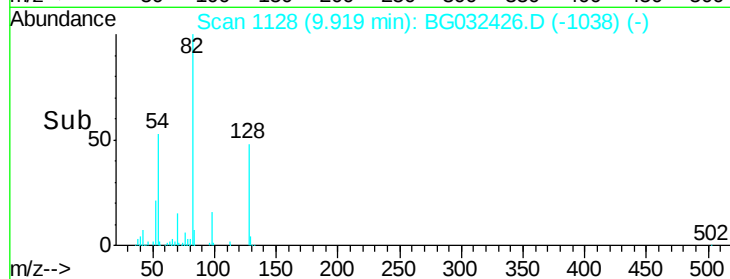
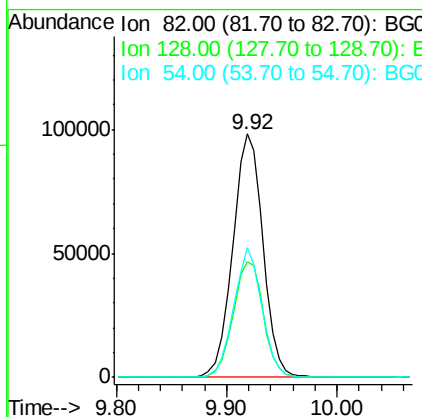
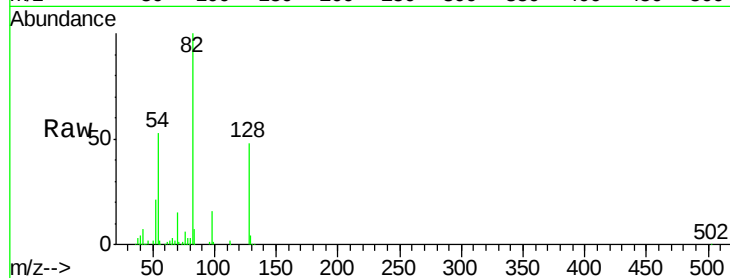




#23
 Nitrobenzene-d5
 Concen: 100.523 ng
 RT: 9.92 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: BG032426.D
 Acq: 29 Jan 2018 22:27

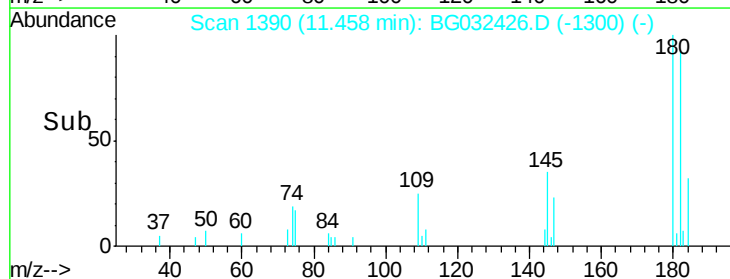
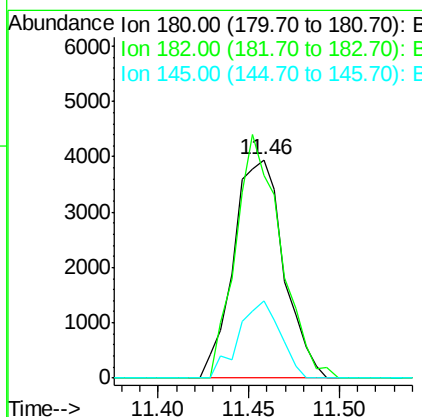
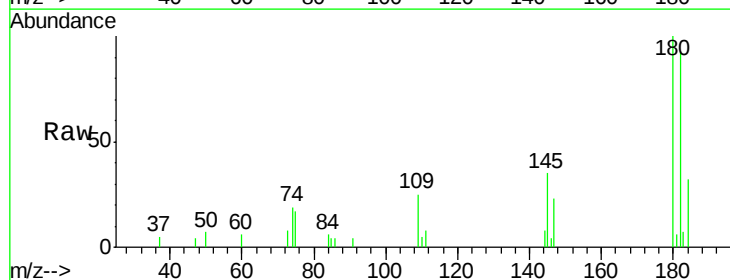
Instrument :
 BNA_G
 ClientSampled :
 FW-1-2

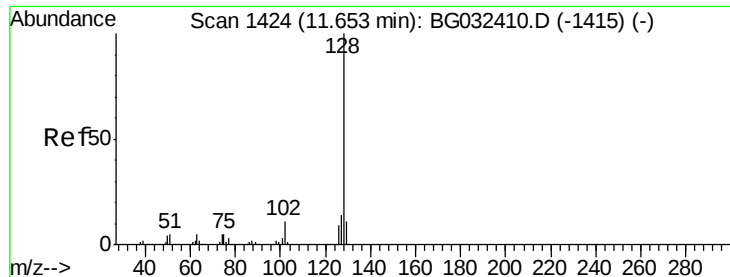
Tgt Ion: 82 Resp: 187521
 Ion Ratio Lower Upper
 82 100
 128 47.7 29.7 44.5#
 54 53.2 43.1 64.7



#30
 1,2,4-Trichlorobenzene
 Concen: 2.754 ng
 RT: 11.46 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BG032426.D
 Acq: 29 Jan 2018 22:27

Tgt Ion: 180 Resp: 7609
 Ion Ratio Lower Upper
 180 100
 182 92.9 77.5 116.3
 145 35.2 23.4 35.2#

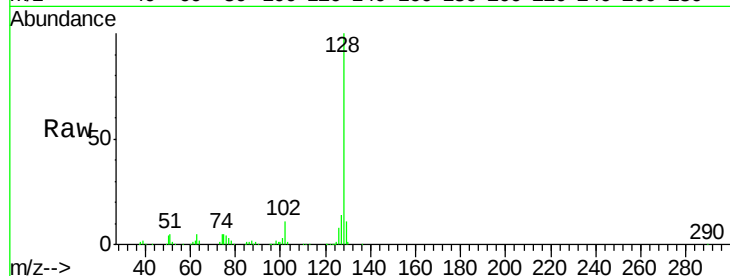




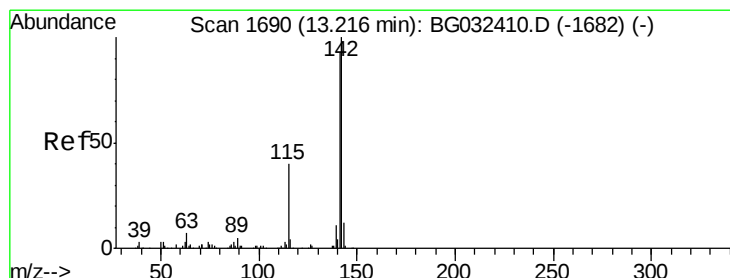
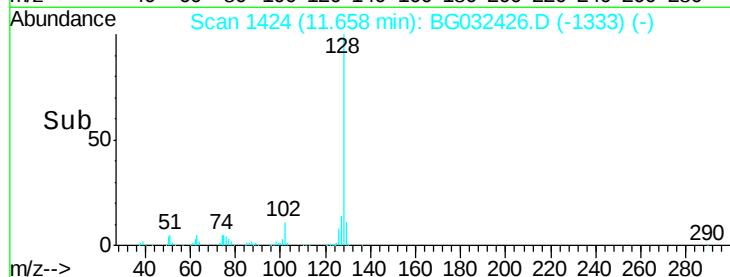
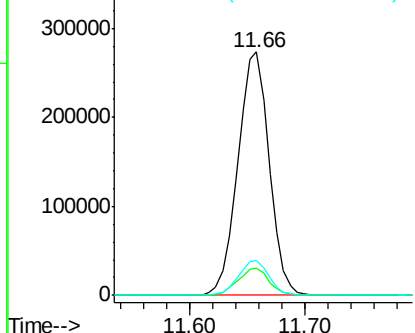
#31
Naphthalene
Concen: 90.336 ng
RT: 11.66 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BG032426.D
Acq: 29 Jan 2018 22:27

Instrument :
BNA_G
ClientSampleId :
FW-1-2

Tgt Ion:128 Resp: 514083
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 14.2 11.6 17.4

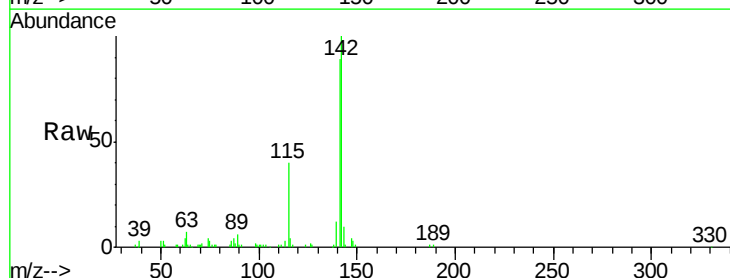


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

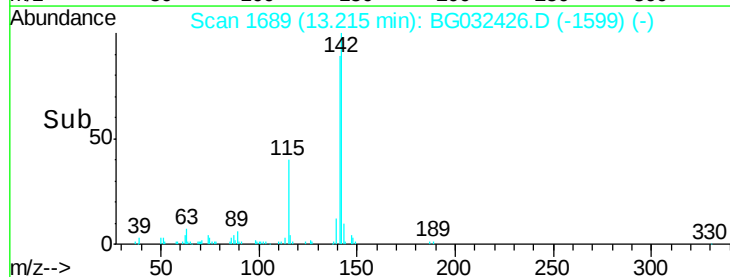
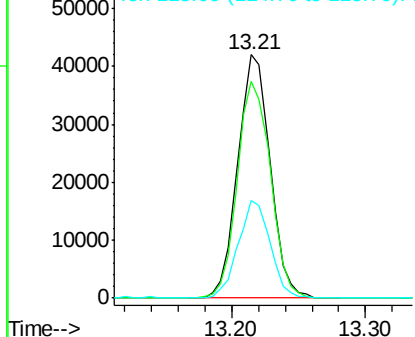


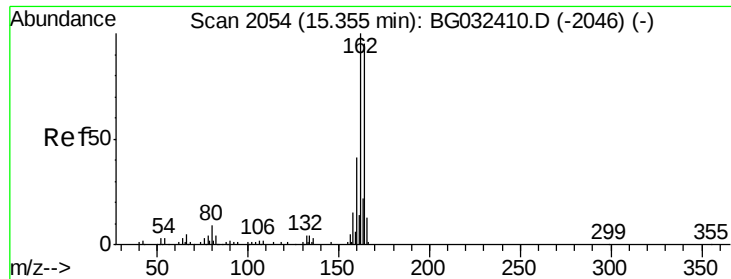
#37
2-Methylnaphthalene
Concen: 14.754 ng
RT: 13.21 min Scan# 1689
Delta R.T. -0.00 min
Lab File: BG032426.D
Acq: 29 Jan 2018 22:27

Tgt Ion:142 Resp: 70536
Ion Ratio Lower Upper
142 100
141 88.8 67.1 100.7
115 40.1 30.7 46.1



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.35 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BG032426.D

Acq: 29 Jan 2018 22:27

Instrument :

BNA_G

ClientSampleId :

FW-1-2

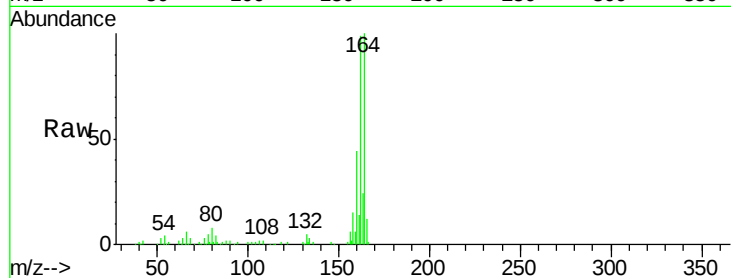
Tgt Ion:164 Resp: 83959

Ion Ratio Lower Upper

164 100

162 98.8 78.8 118.2

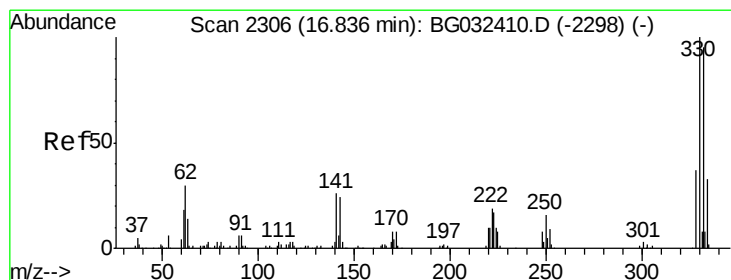
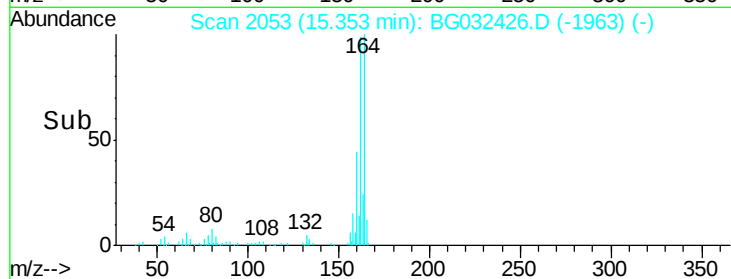
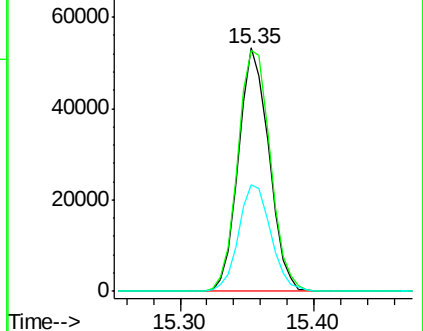
160 44.1 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 165.446 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.00 min

Lab File: BG032426.D

Acq: 29 Jan 2018 22:27

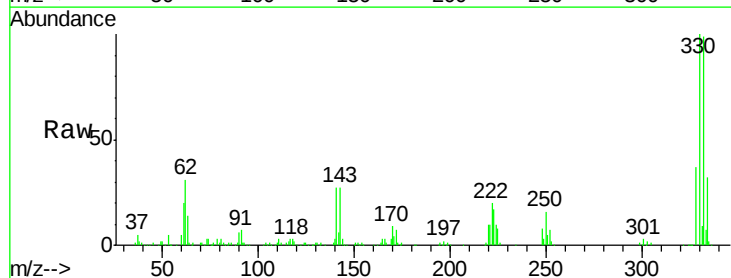
Tgt Ion:330 Resp: 264409

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

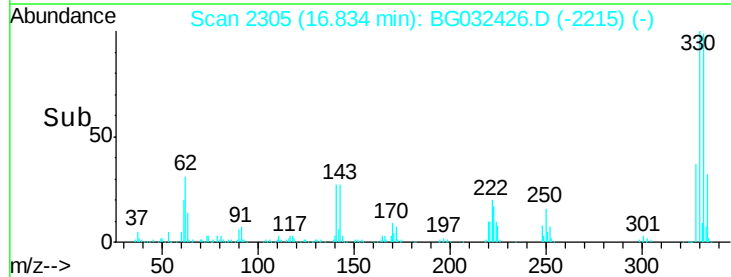
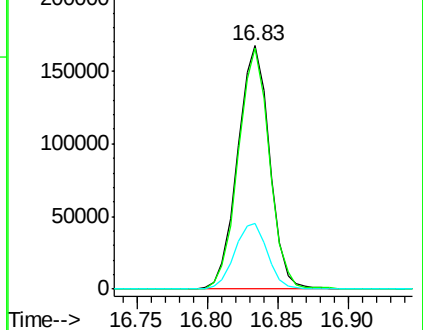
141 27.9 25.2 37.8

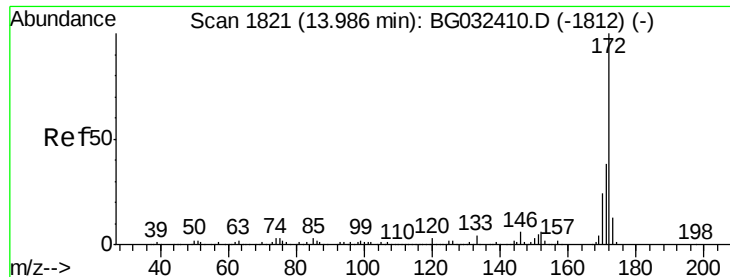


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

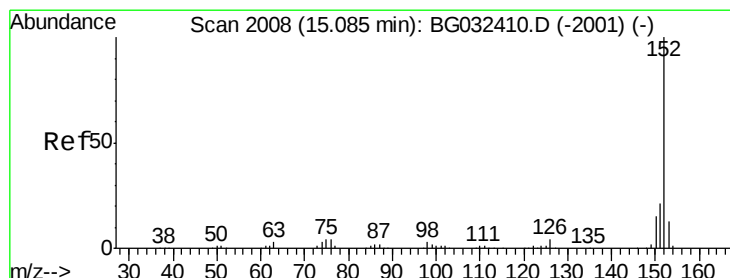
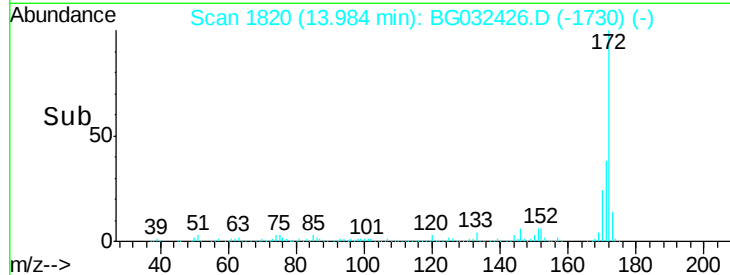
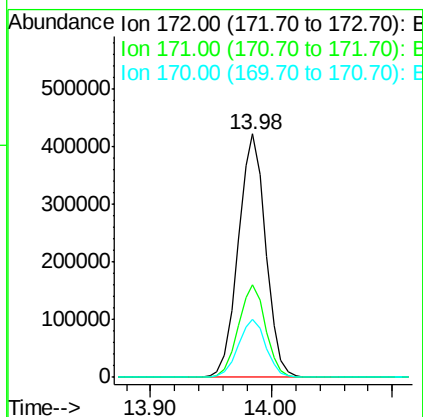
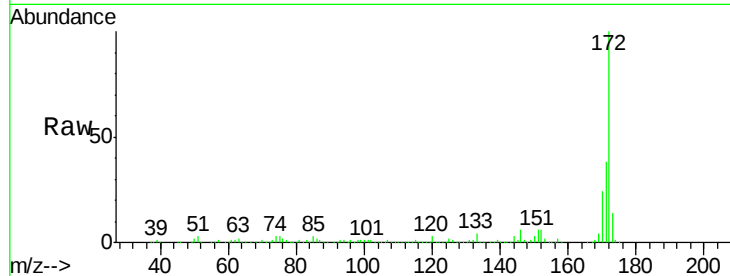




#44
2-Fluorobiphenyl
Concen: 94.291 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BG032426.D
Acq: 29 Jan 2018 22:27

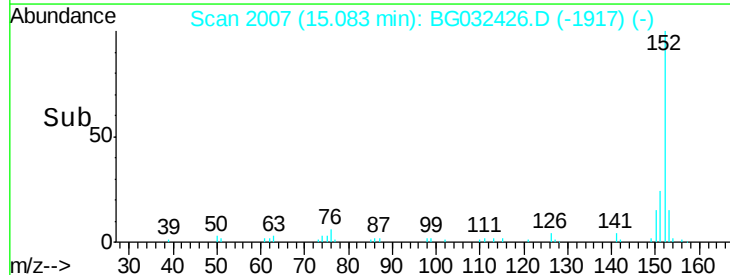
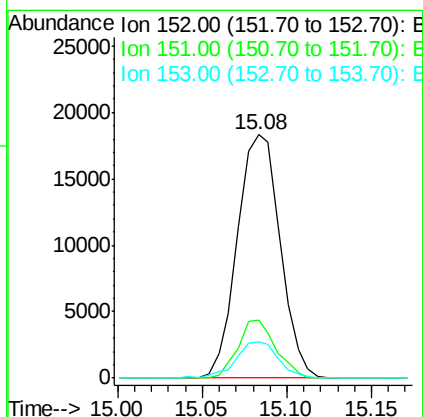
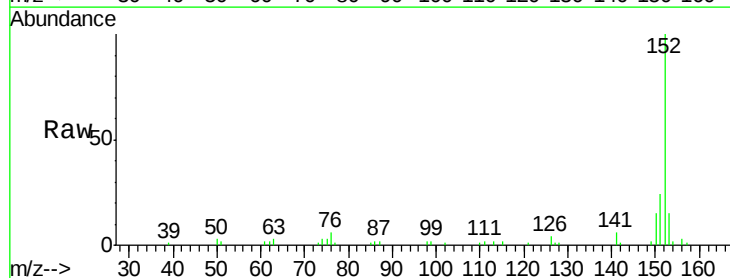
Instrument :
BNA_G
ClientSampled :
FW-1-2

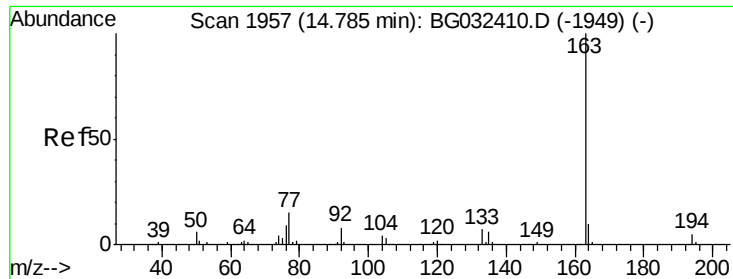
Tgt Ion:172 Resp: 666058
Ion Ratio Lower Upper
172 100
171 37.9 30.0 45.0
170 24.0 19.5 29.3



#48
Acenaphthylene
Concen: 3.845 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG032426.D
Acq: 29 Jan 2018 22:27

Tgt Ion:152 Resp: 32314
Ion Ratio Lower Upper
152 100
151 23.7 17.2 25.8
153 14.7 10.2 15.4





#49

Dimethylphthalate

Concen: 2.531 ng

RT: 14.78 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG032426.D

Acq: 29 Jan 2018 22:27

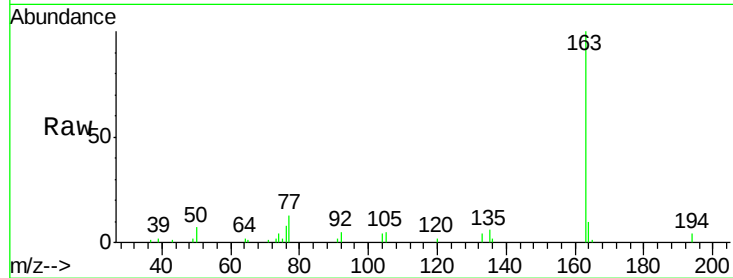
Instrument :

BNA_G

ClientSampleId :

FW-1-2

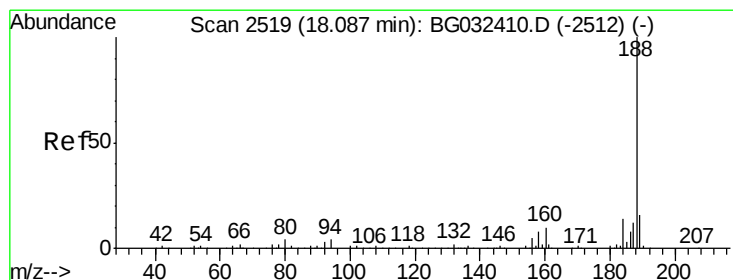
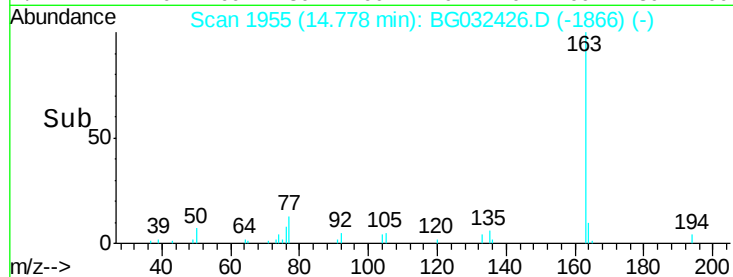
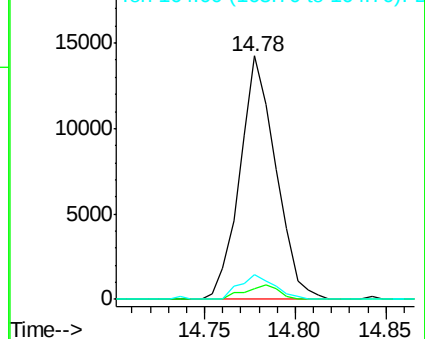
Tgt Ion:	163	Resp:	19595
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.4	8.2	12.4



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



#63

Phenanthrene-d10

Concen: 20.000 ng

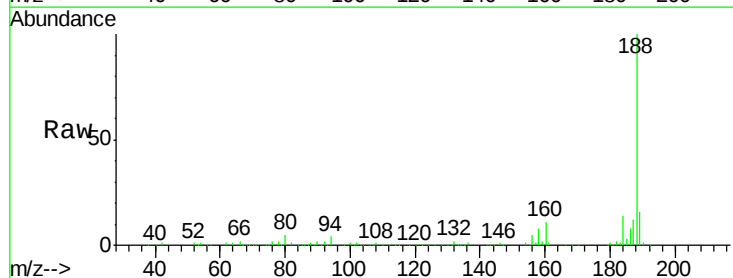
RT: 18.09 min Scan# 2518

Delta R.T. -0.00 min

Lab File: BG032426.D

Acq: 29 Jan 2018 22:27

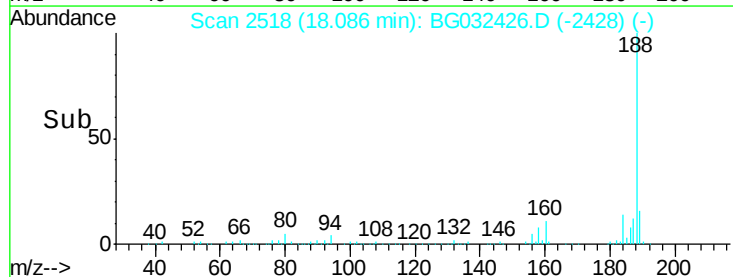
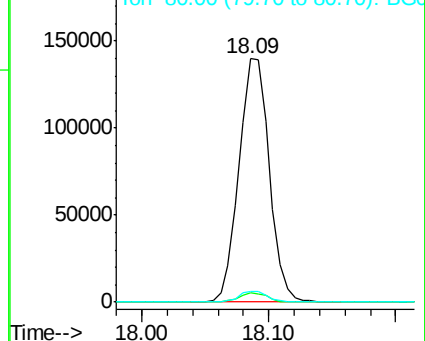
Tgt Ion:	188	Resp:	231233
Ion	Ratio	Lower	Upper
188	100		
94	3.9	6.9	10.3#
80	4.5	7.7	11.5#

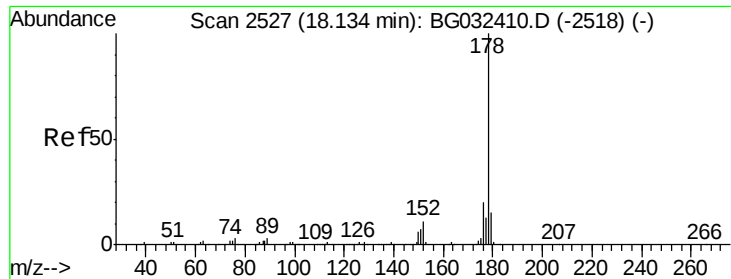


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#70

Phenanthrene

Concen: 2.726 ng

RT: 18.13 min Scan# 2526

Delta R.T. -0.00 min

Lab File: BG032426.D

Acq: 29 Jan 2018 22:27

Instrument :

BNA_G

ClientSampleId :

FW-1-2

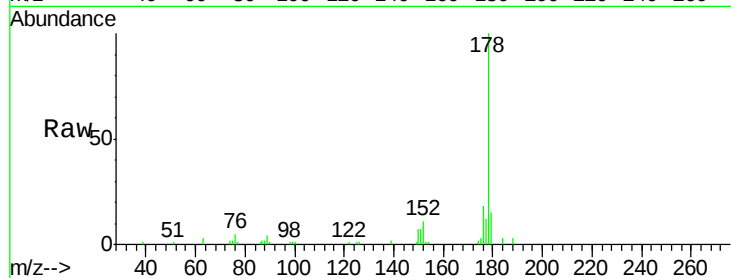
Tgt Ion:178 Resp: 35148

Ion Ratio Lower Upper

178 100

176 17.7 15.7 23.5

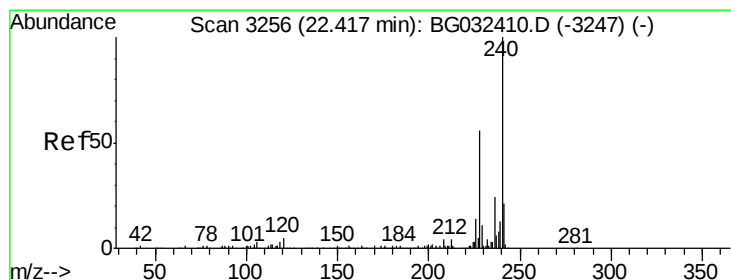
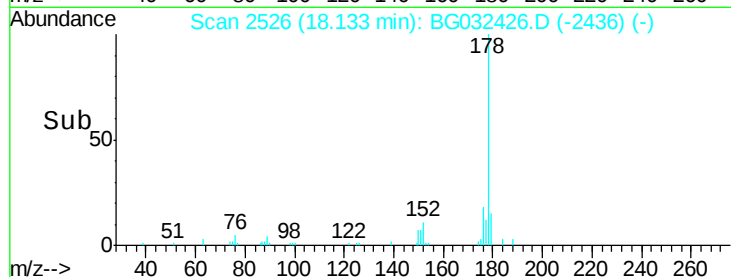
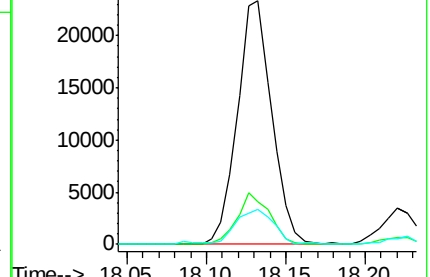
179 14.6 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.42 min Scan# 3255

Delta R.T. -0.00 min

Lab File: BG032426.D

Acq: 29 Jan 2018 22:27

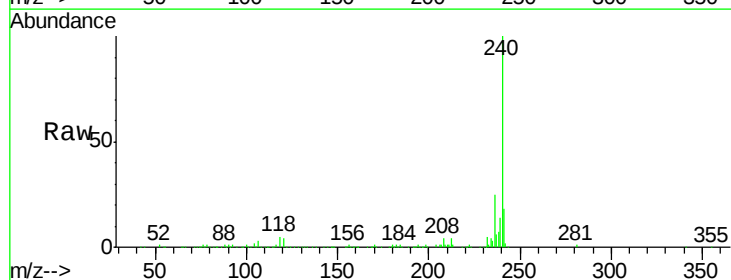
Tgt Ion:240 Resp: 288557

Ion Ratio Lower Upper

240 100

120 3.9 6.8 10.2#

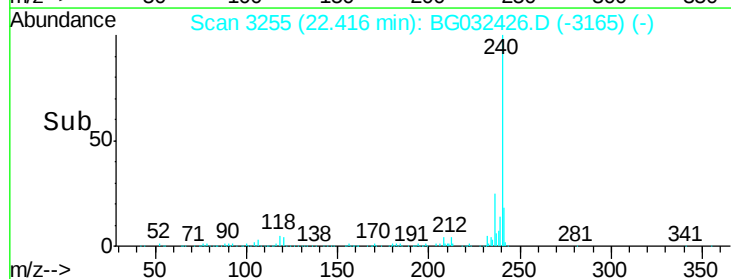
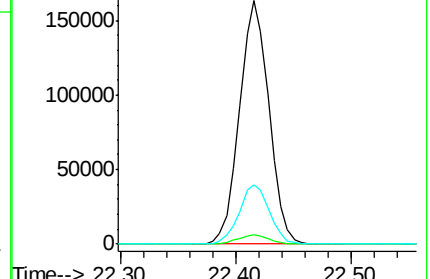
236 24.5 20.9 31.3

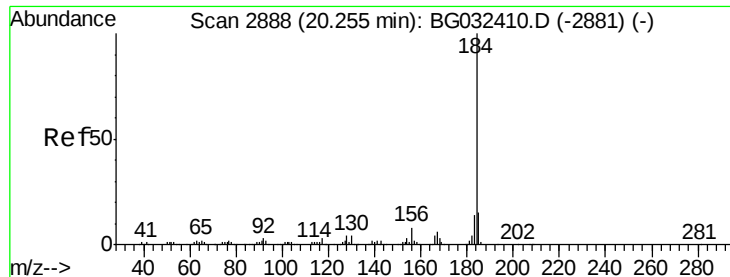


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 5.090 ng

RT: 20.25 min Scan# 2887

Delta R.T. -0.00 min

Lab File: BG032426.D

Acq: 29 Jan 2018 22:27

Instrument :

BNA_G

ClientSampleId :

FW-1-2

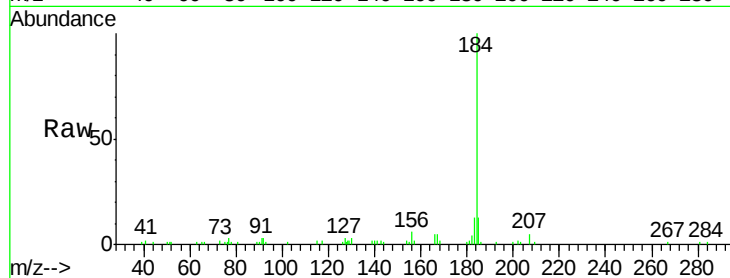
Tgt Ion:184 Resp: 28843

Ion Ratio Lower Upper

184 100

185 13.1 11.1 16.7

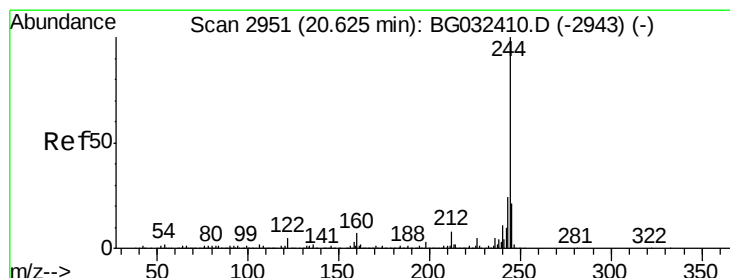
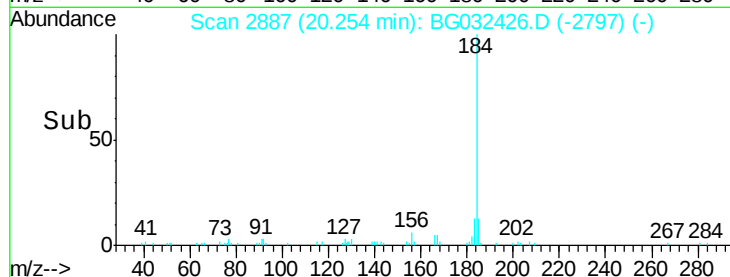
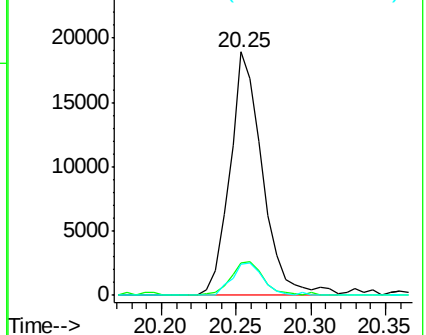
183 12.9 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 108.204 ng

RT: 20.63 min Scan# 2951

Delta R.T. 0.00 min

Lab File: BG032426.D

Acq: 29 Jan 2018 22:27

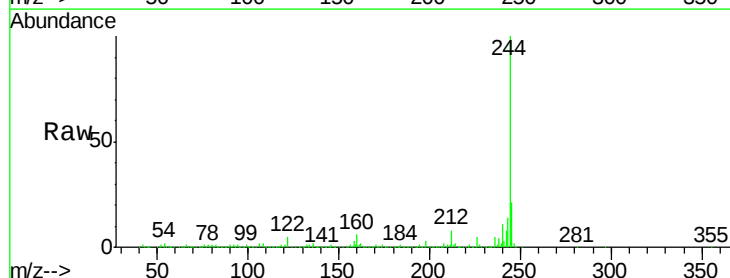
Tgt Ion:244 Resp: 1457607

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

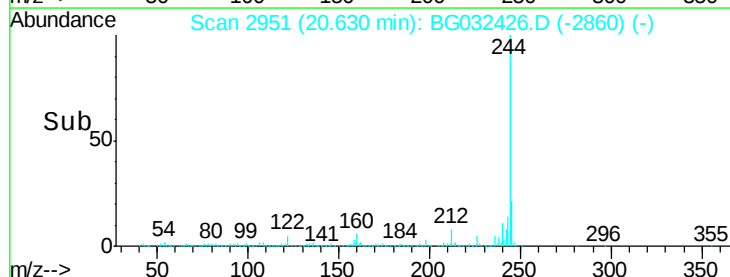
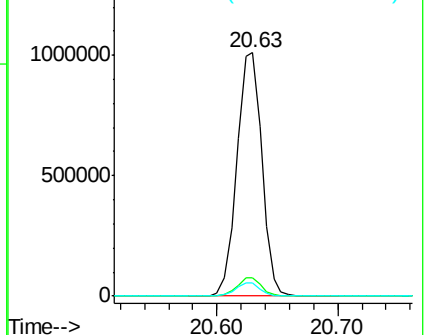
122 5.3 7.0 10.4#

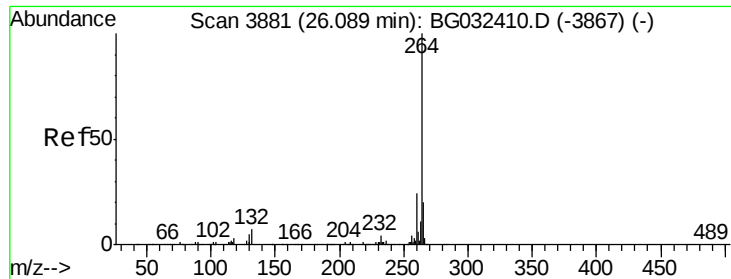


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.09 min Scan# 3881
Delta R.T. 0.00 min
Lab File: BG032426.D
Acq: 29 Jan 2018 22:27

Instrument :
BNA_G
ClientSampleId :
FW-1-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	23.3	17.7	26.5

