

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011718\
 Data File : BG032122.D
 Acq On : 18 Jan 2018 4:35
 Operator : SJ/JU
 Sample : J1144-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DS-4

Quant Time: Jan 18 07:02:17 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

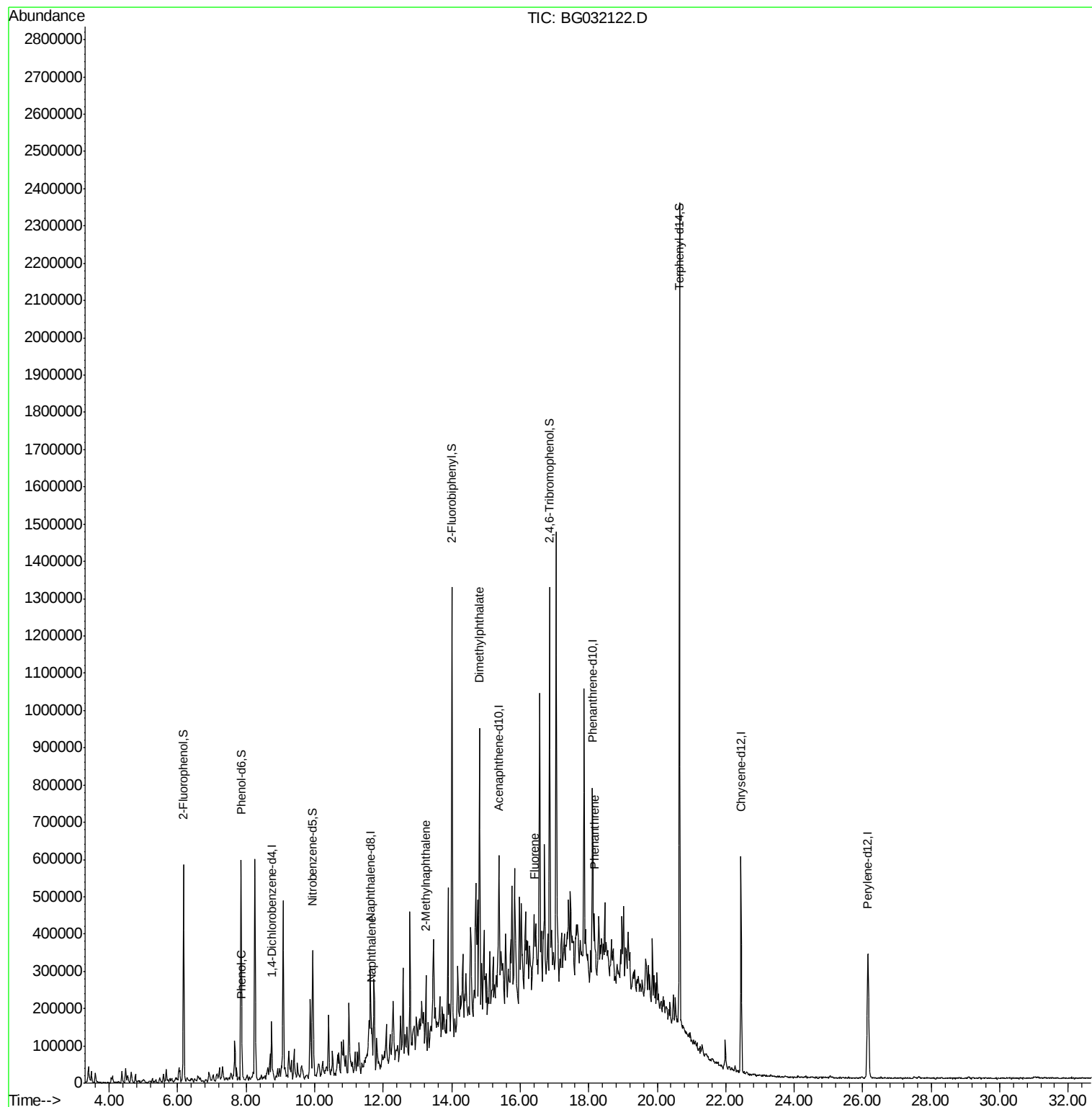
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	51668	20.00	ng	-0.03
21) Naphthalene-d8	11.63	136	201369	20.00	ng	-0.03
38) Acenaphthene-d10	15.38	164	137109	20.00	ng	-0.02
63) Phenanthrene-d10	18.11	188	331888	20.00	ng	-0.03
75) Chrysene-d12	22.45	240	422816	20.00	ng	-0.03
86) Perylene-d12	26.15	264	467191	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	277676	98.29	ng	-0.03
7) Phenol-d6	7.85	99	346691	97.44	ng	-0.03
23) Nitrobenzene-d5	9.94	82	208818	70.16	ng	-0.03
41) 2,4,6-Tribromophenol	16.86	330	238437	105.09	ng	-0.02
44) 2-Fluorobiphenyl	14.01	172	688544	62.27	ng	-0.03
78) Terphenyl-d14	20.65	244	1218671	63.64	ng	-0.02
Target Compounds						
10) Phenol	7.88	94	13480	3.846	ng	Qvalue 94
31) Naphthalene	11.67	128	40142	4.024	ng	# 92
37) 2-Methylnaphthalene	13.24	142	106364	13.430	ng	95
49) Dimethylphthalate	14.81	163	112465	9.373	ng	# 89
57) Fluorene	16.42	166	39187	3.479	ng	# 90
70) Phenanthrene	18.16	178	102165	5.529	ng	# 94

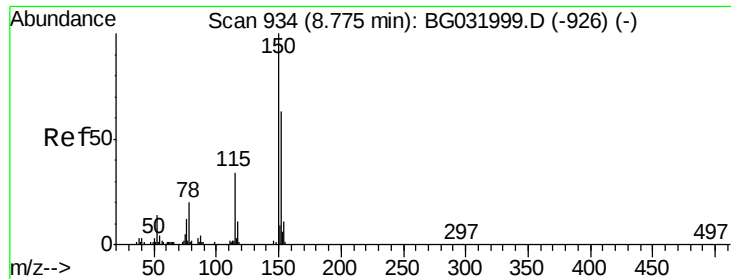
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032122.D
Acq On : 18 Jan 2018 4:35
Operator : SJ/JU
Sample : J1144-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DS-4

Quant Time: Jan 18 07:02:17 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration



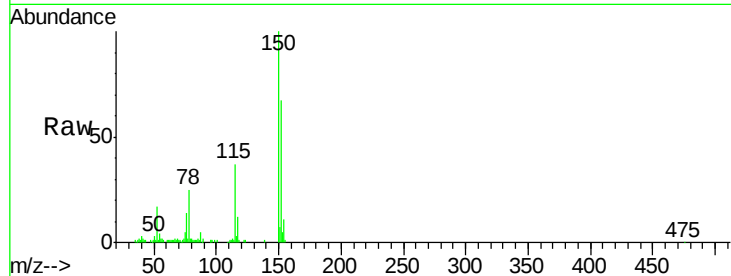


#1

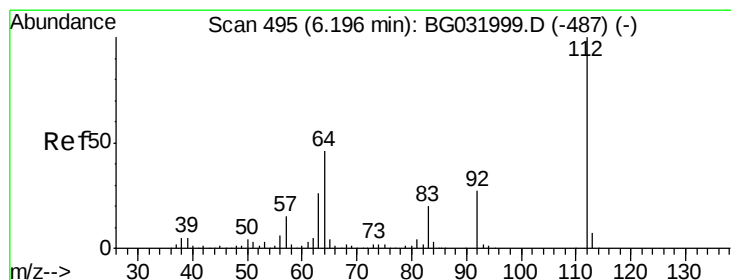
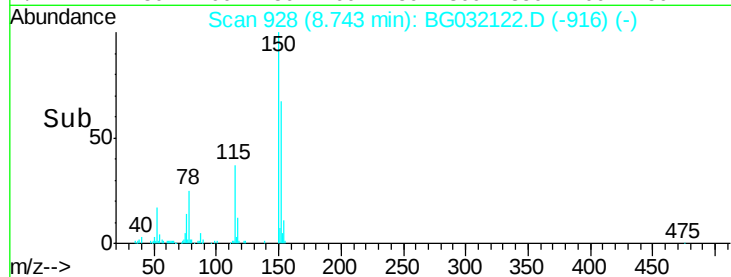
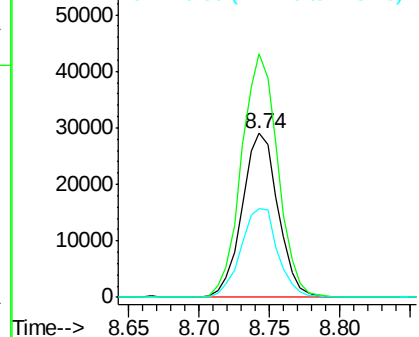
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.03 min
Lab File: BG032122.D
Acq: 18 Jan 2018 4:35

Instrument :
BNA_G
ClientSampleId :
DS-4

Tgt Ion:152 Resp: 51668
Ion Ratio Lower Upper
152 100
150 148.4 126.6 189.8
115 54.4 53.0 79.4



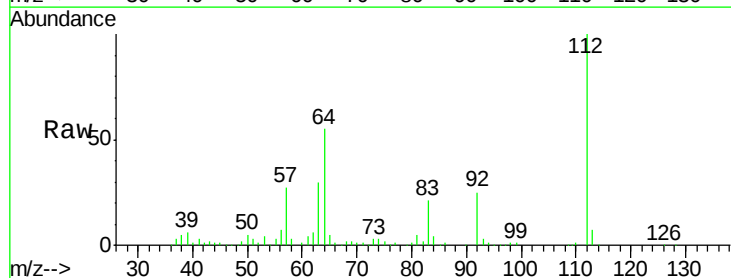
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



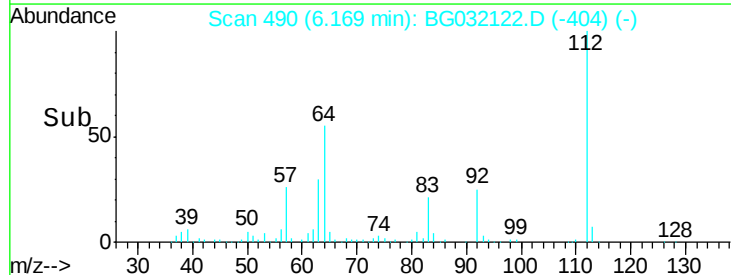
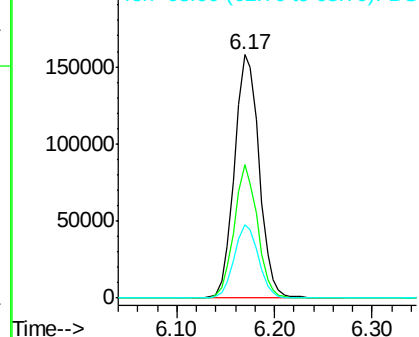
#5

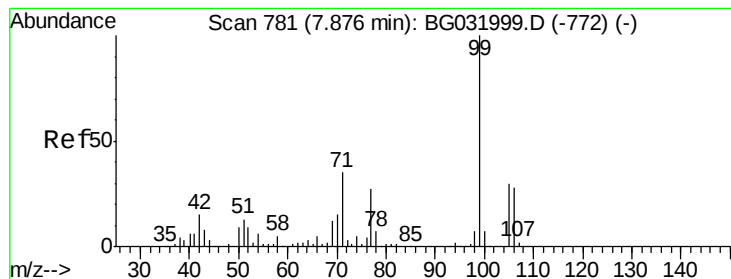
2-Fluorophenol
Concen: 98.291 ng
RT: 6.17 min Scan# 490
Delta R.T. -0.03 min
Lab File: BG032122.D
Acq: 18 Jan 2018 4:35

Tgt Ion:112 Resp: 277676
Ion Ratio Lower Upper
112 100
64 54.7 56.3 84.5#
63 30.0 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: 97.441 ng

RT: 7.85 min Scan# 776

Delta R.T. -0.03 min

Lab File: BG032122.D

Acq: 18 Jan 2018 4:35

Instrument :

BNA_G

ClientSampleId :

DS-4

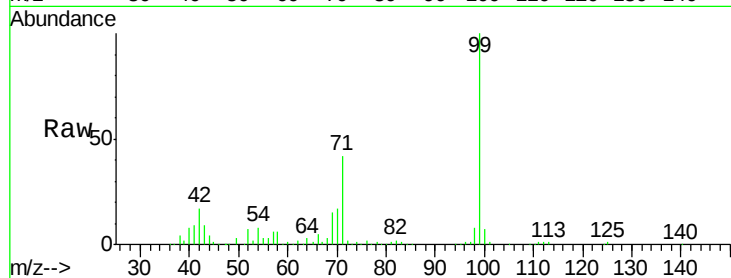
Tgt Ion: 99 Resp: 346691

Ion Ratio Lower Upper

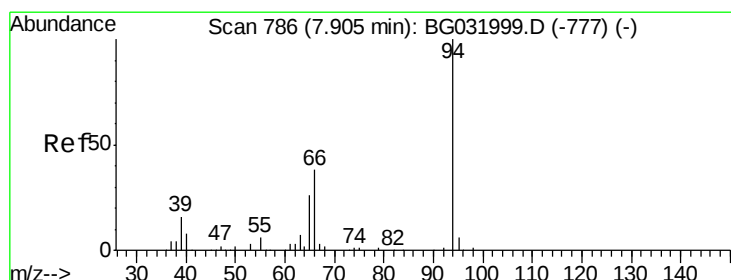
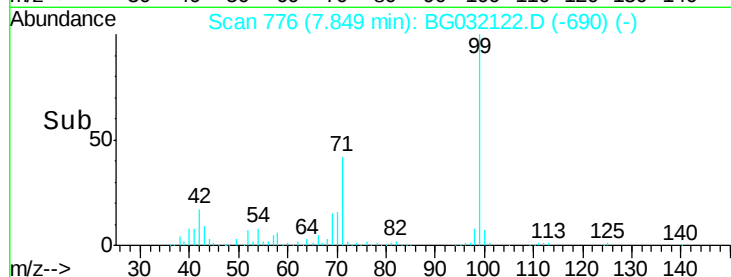
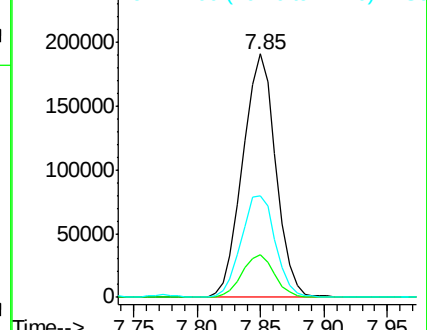
99 100

42 17.3 14.1 21.1

71 42.0 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



#10

Phenol

Concen: 3.846 ng

RT: 7.88 min Scan# 781

Delta R.T. -0.03 min

Lab File: BG032122.D

Acq: 18 Jan 2018 4:35

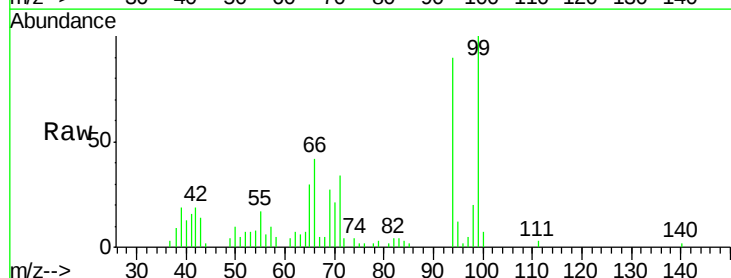
Tgt Ion: 94 Resp: 13480

Ion Ratio Lower Upper

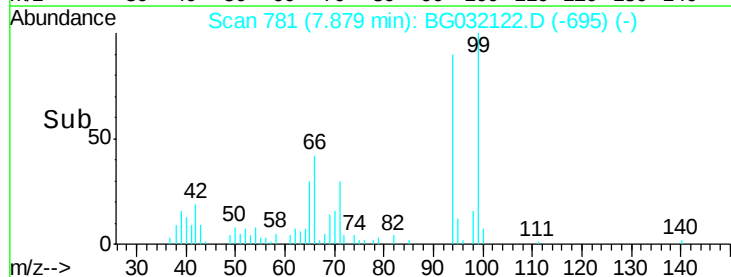
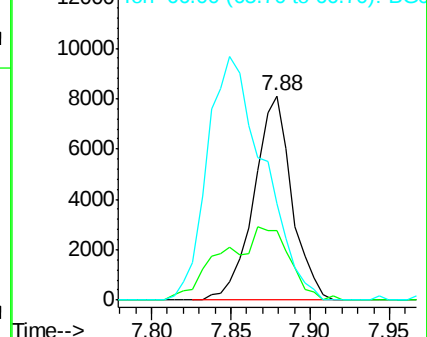
94 100

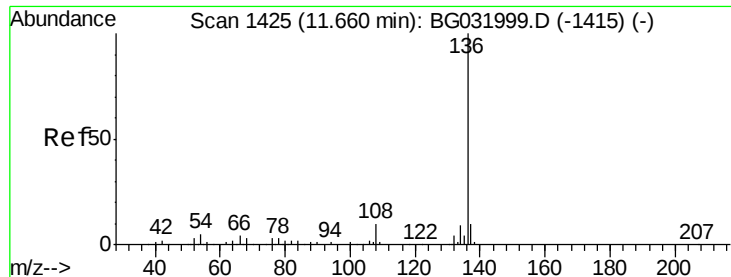
65 33.8 11.9 51.9

66 47.2 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

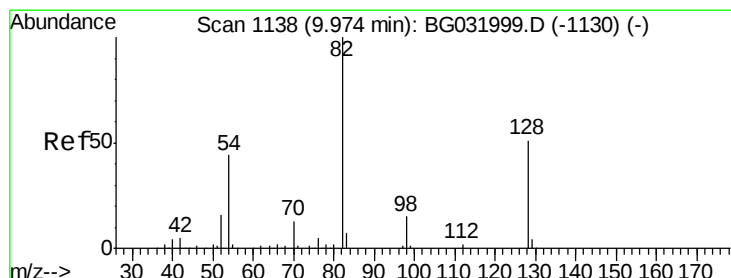
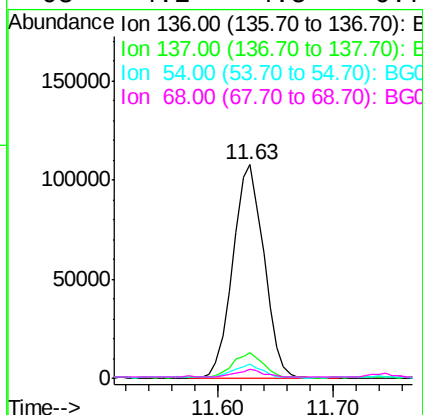
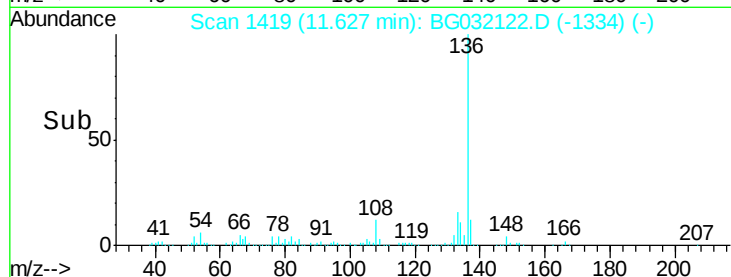
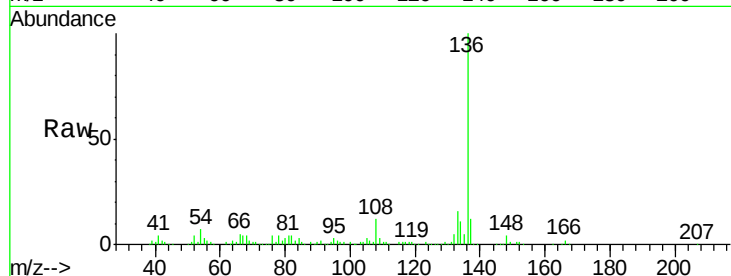




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.63 min Scan# 1419
Delta R.T. -0.03 min
Lab File: BG032122.D
Acq: 18 Jan 2018 4:35

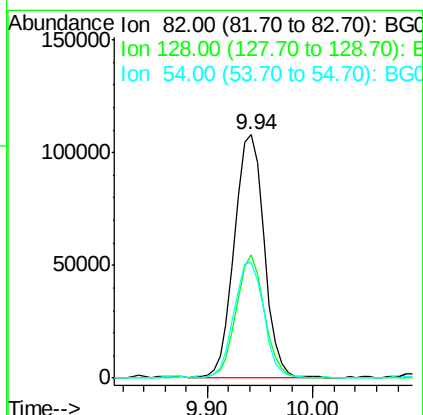
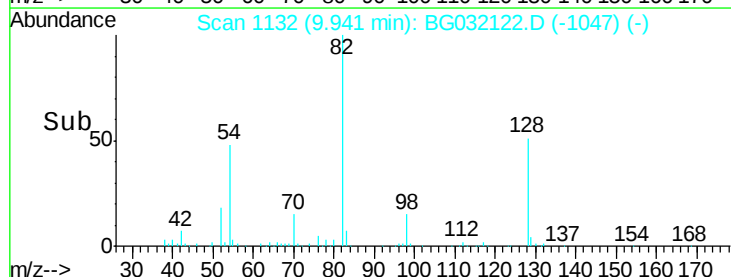
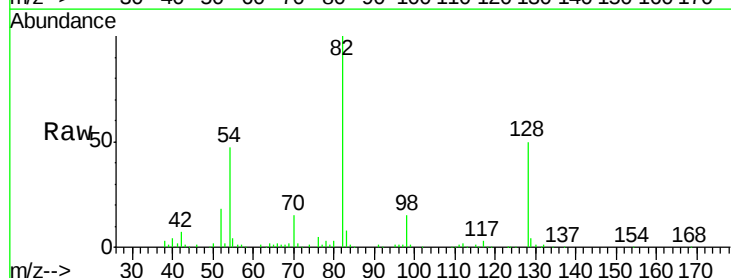
Instrument :
BNA_G
ClientSampleId :
DS-4

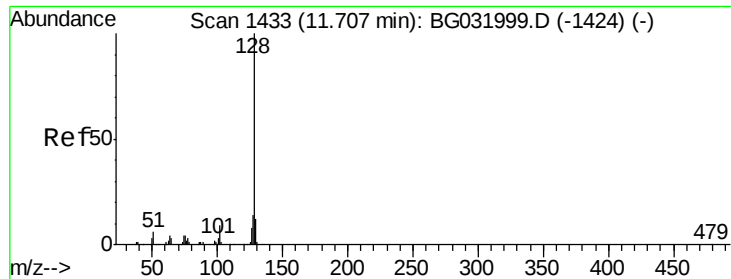
Tgt Ion:	136	Resp:	201369
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	6.5	10.3	15.5#
68	4.2	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 70.157 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.03 min
Lab File: BG032122.D
Acq: 18 Jan 2018 4:35

Tgt Ion:	82	Resp:	208818
Ion	Ratio	Lower	Upper
82	100		
128	50.4	29.7	44.5#
54	47.5	43.1	64.7

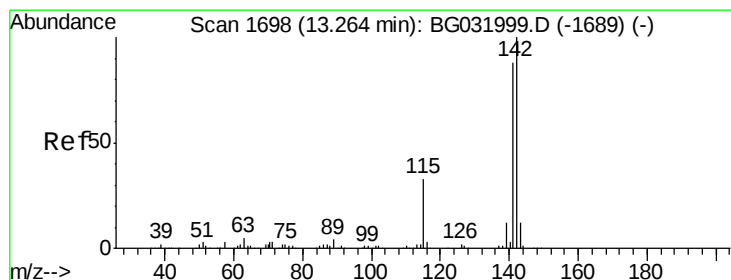
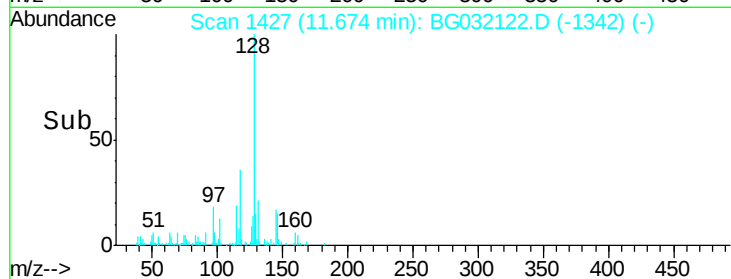
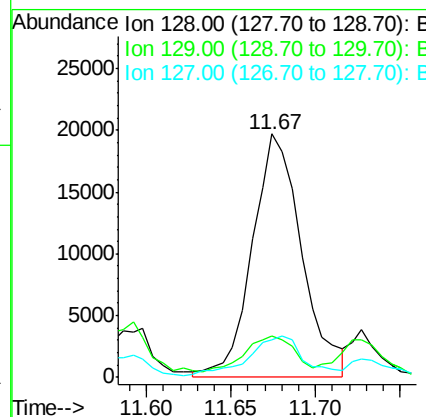
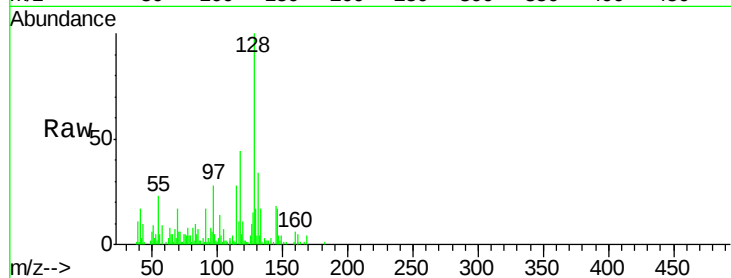




#31
Naphthalene
Concen: 4.024 ng
RT: 11.67 min Scan# 1427
Delta R.T. -0.03 min
Lab File: BG032122.D
Acq: 18 Jan 2018 4:35

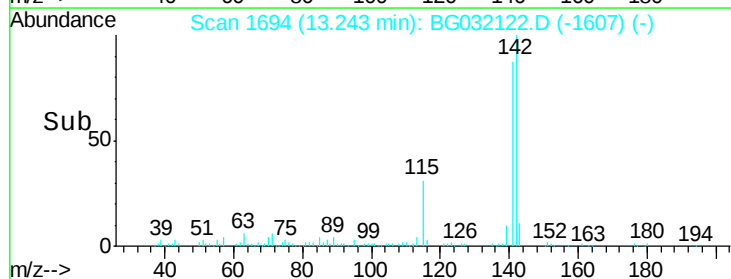
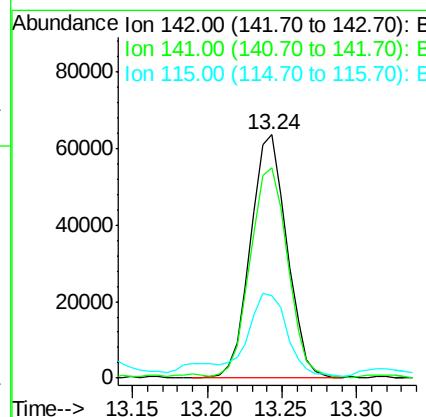
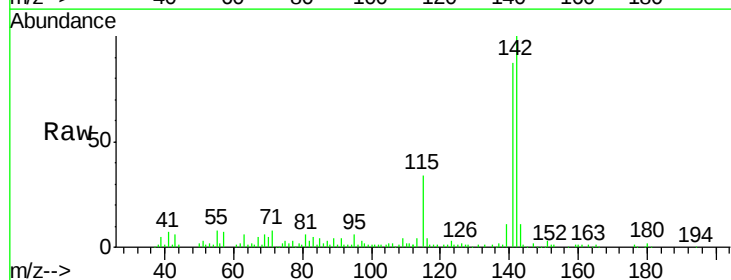
Instrument :
BNA_G
ClientSampled :
DS-4

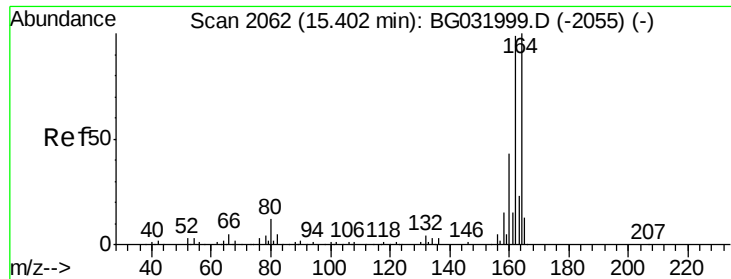
Tgt Ion:128 Resp: 40142
Ion Ratio Lower Upper
128 100
129 17.0 8.6 12.8#
127 15.3 11.6 17.4



#37
2-Methylnaphthalene
Concen: 13.430 ng
RT: 13.24 min Scan# 1694
Delta R.T. -0.02 min
Lab File: BG032122.D
Acq: 18 Jan 2018 4:35

Tgt Ion:142 Resp: 106364
Ion Ratio Lower Upper
142 100
141 86.6 67.1 100.7
115 33.6 30.7 46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.38 min Scan# 2058

Delta R.T. -0.02 min

Lab File: BG032122.D

Acq: 18 Jan 2018 4:35

Instrument :

BNA_G

ClientSampleId :

DS-4

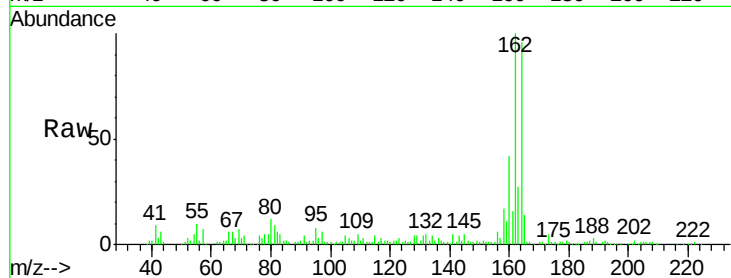
Tgt Ion:164 Resp: 137109

Ion Ratio Lower Upper

164 100

162 104.4 78.8 118.2

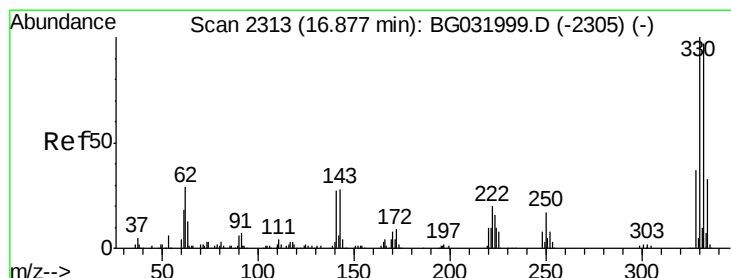
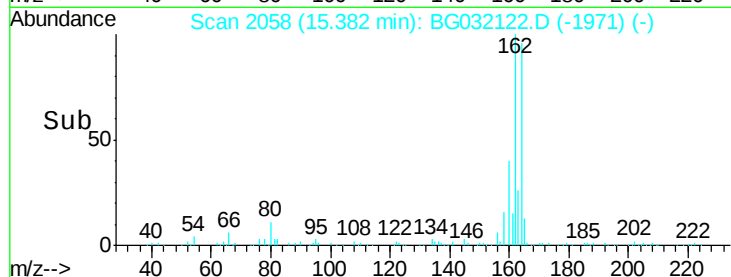
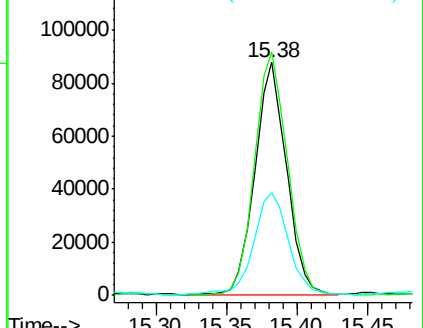
160 44.2 35.4 53.0



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: 105.092 ng

RT: 16.86 min Scan# 2309

Delta R.T. -0.02 min

Lab File: BG032122.D

Acq: 18 Jan 2018 4:35

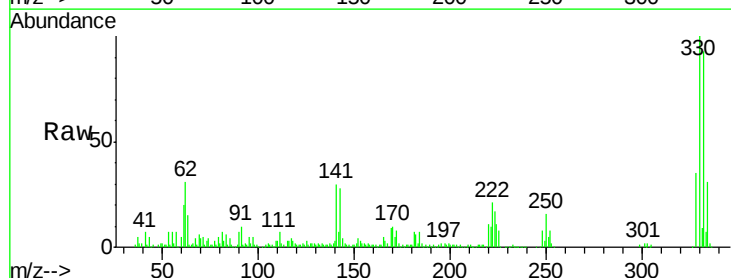
Tgt Ion:330 Resp: 238437

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

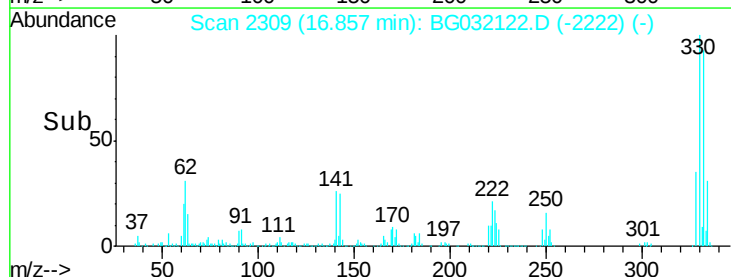
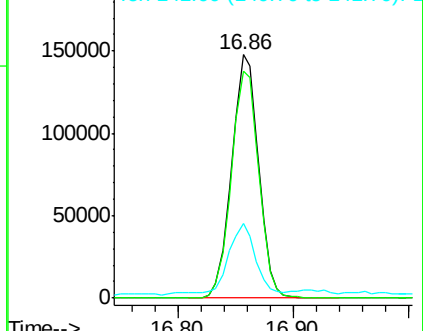
141 29.5 25.2 37.8

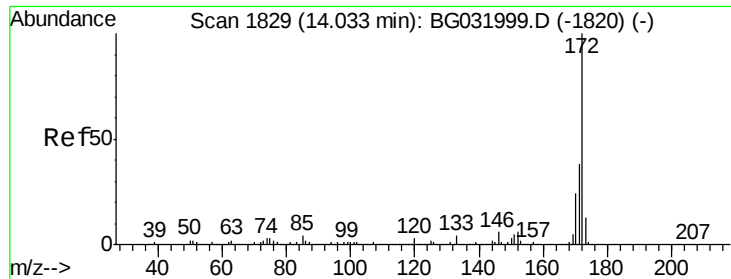


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

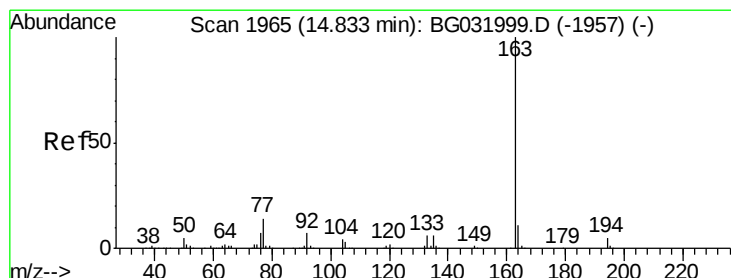
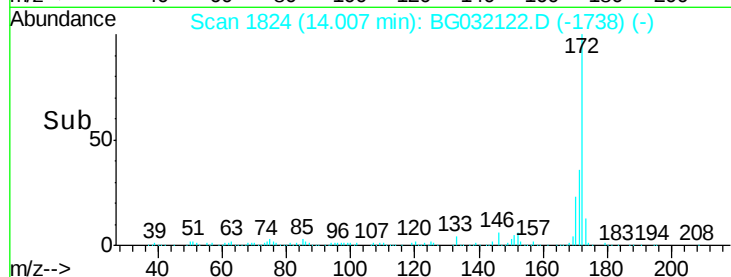
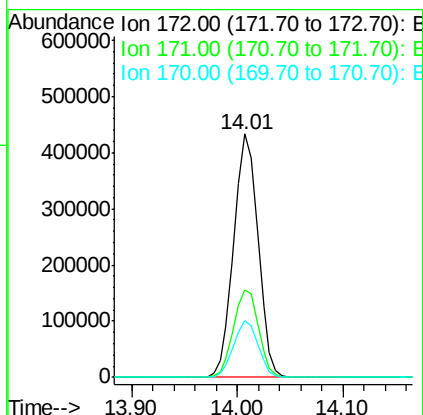
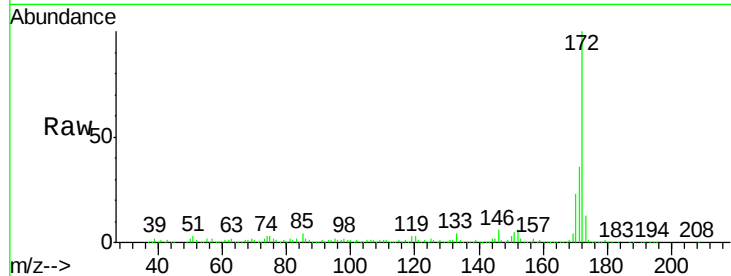




#44
2-Fluorobiphenyl
Concen: 62.269 ng
RT: 14.01 min Scan# 1824
Delta R.T. -0.03 min
Lab File: BG032122.D
Acq: 18 Jan 2018 4:35

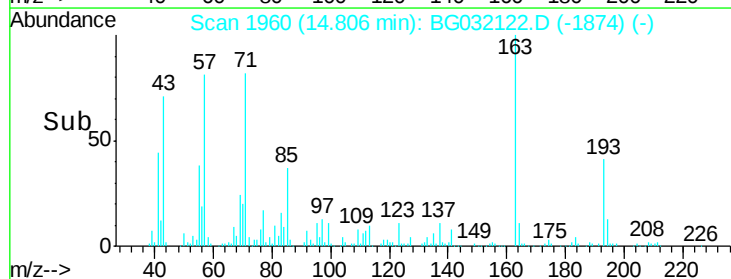
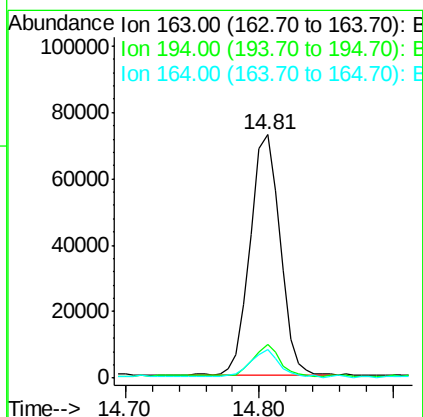
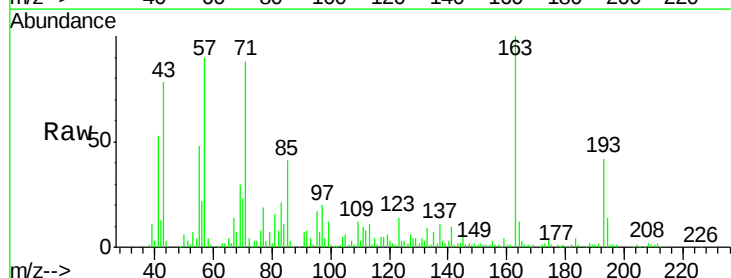
Instrument :
BNA_G
ClientSampleId :
DS-4

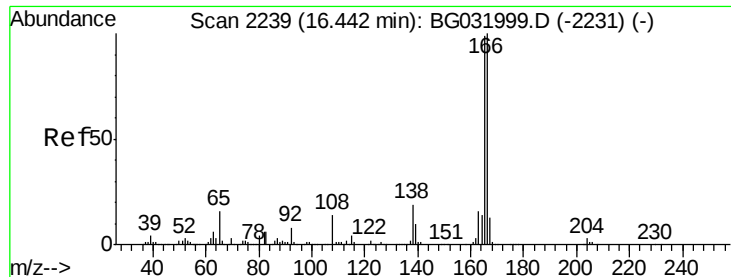
Tgt Ion:172 Resp: 688544
Ion Ratio Lower Upper
172 100
171 36.0 30.0 45.0
170 23.3 19.5 29.3



#49
Dimethylphthalate
Concen: 9.373 ng
RT: 14.81 min Scan# 1960
Delta R.T. -0.03 min
Lab File: BG032122.D
Acq: 18 Jan 2018 4:35

Tgt Ion:163 Resp: 112465
Ion Ratio Lower Upper
163 100
194 14.0 3.4 5.2#
164 11.6 8.2 12.4





#57

Fluorene

Concen: 3.479 ng

RT: 16.42 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BG032122.D

Acq: 18 Jan 2018 4:35

Instrument :

BNA_G

ClientSampleId :

DS-4

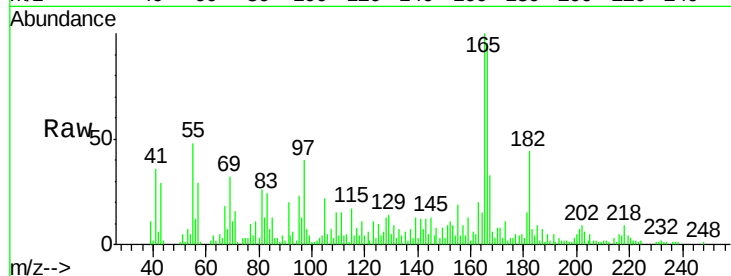
Tgt Ion:166 Resp: 39187

Ion Ratio Lower Upper

166 100

165 105.5 80.6 121.0

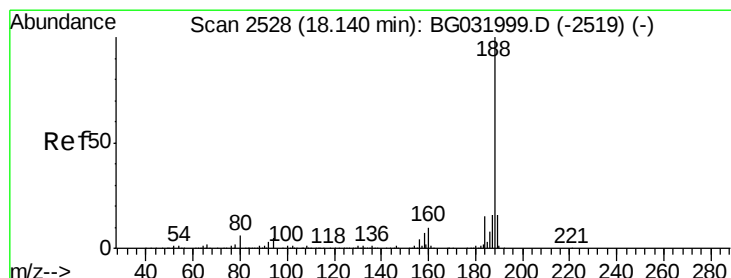
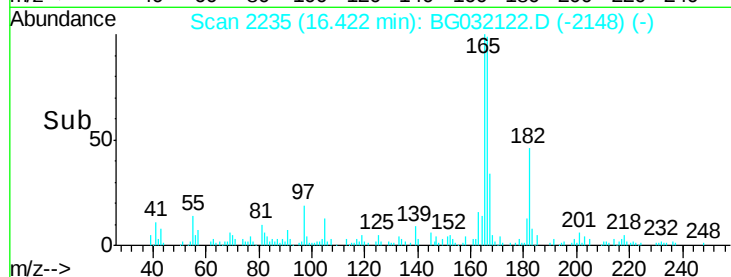
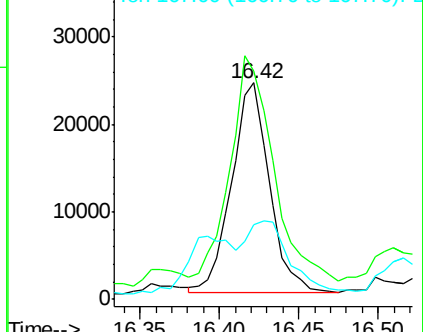
167 34.5 10.4 15.6#



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.11 min Scan# 2523

Delta R.T. -0.03 min

Lab File: BG032122.D

Acq: 18 Jan 2018 4:35

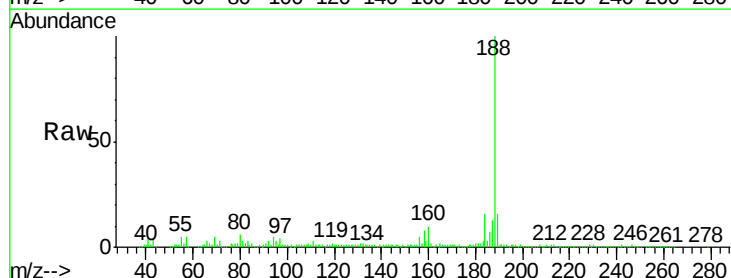
Tgt Ion:188 Resp: 331888

Ion Ratio Lower Upper

188 100

94 4.7 6.9 10.3#

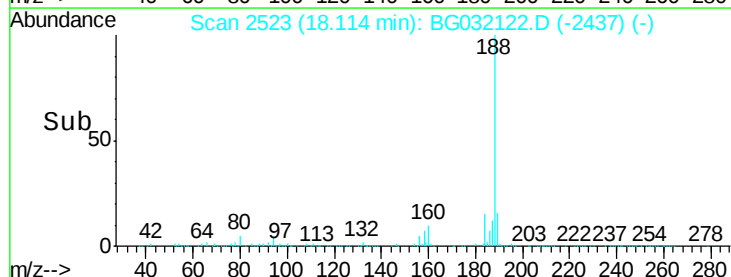
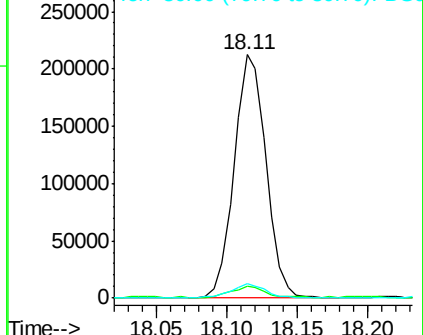
80 5.8 7.7 11.5#

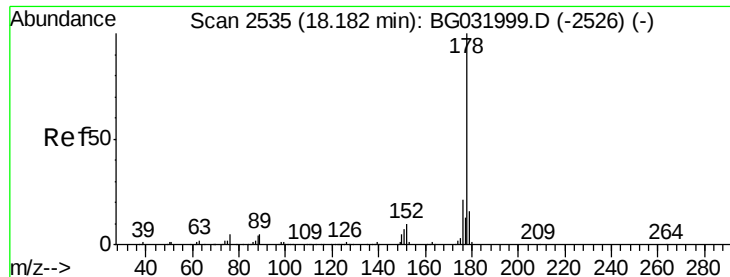


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

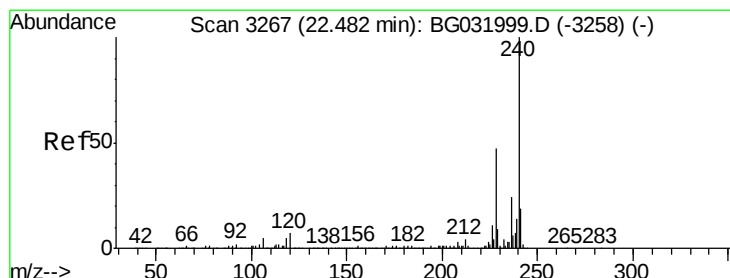
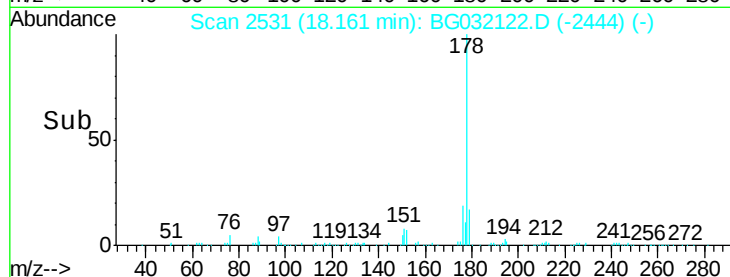
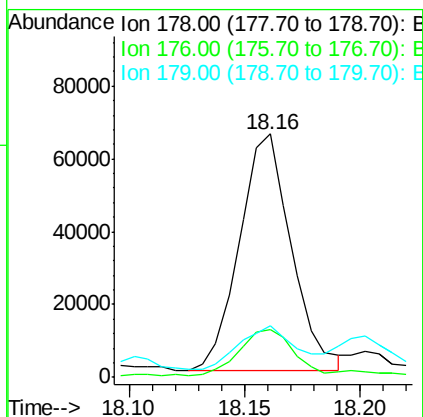
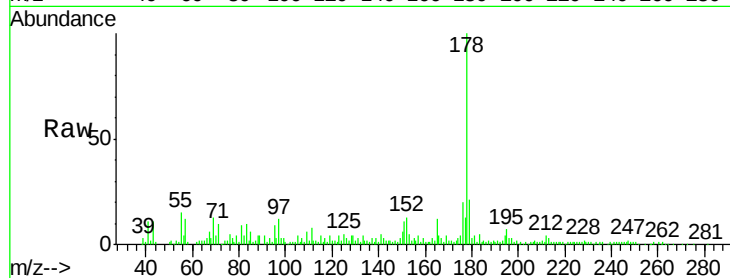




#70
Phenanthrene
Concen: 5.529 ng
RT: 18.16 min Scan# 2531
Delta R.T. -0.02 min
Lab File: BG032122.D
Acq: 18 Jan 2018 4:35

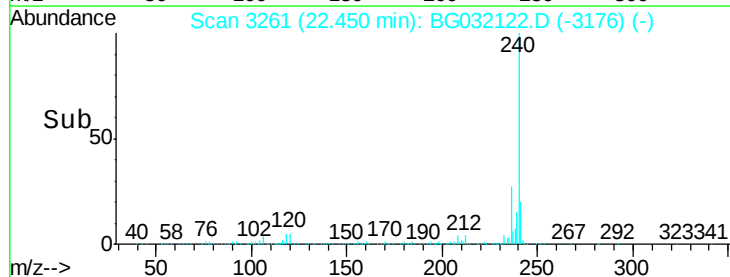
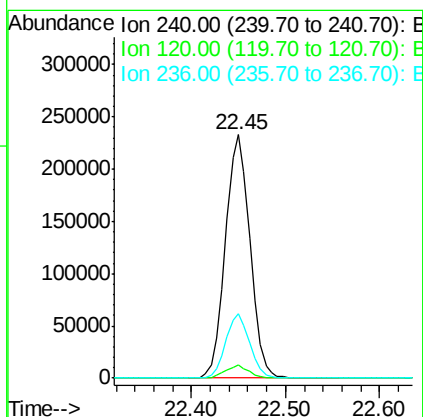
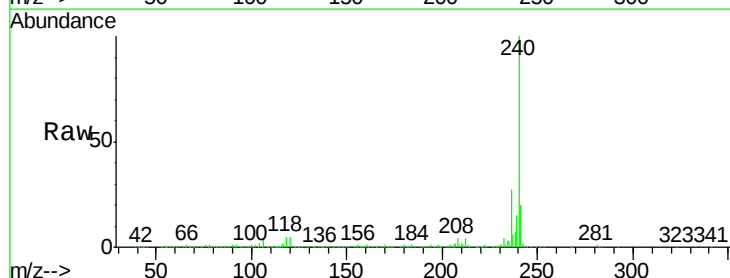
Instrument :
BNA_G
ClientSampleId :
DS-4

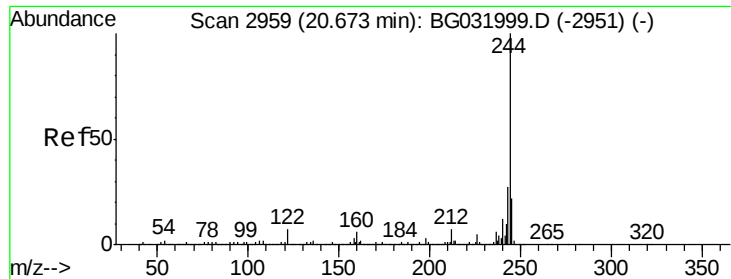
Tgt Ion:178 Resp: 102165
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 21.1 12.5 18.7#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.45 min Scan# 3261
Delta R.T. -0.03 min
Lab File: BG032122.D
Acq: 18 Jan 2018 4:35

Tgt Ion:240 Resp: 422816
Ion Ratio Lower Upper
240 100
120 5.2 6.8 10.2#
236 26.7 20.9 31.3





#78

Terphenyl-d14

Concen: 63.642 ng

RT: 20.65 min Scan# 2955

Delta R.T. -0.02 min

Lab File: BG032122.D

Acq: 18 Jan 2018 4:35

Instrument :

BNA_G

ClientSampleId :

DS-4

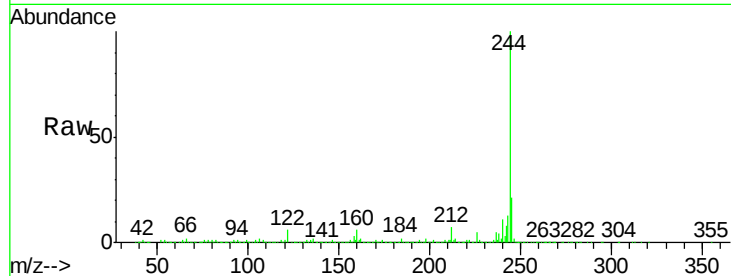
Tgt Ion:244 Resp: 1218671

Ion Ratio Lower Upper

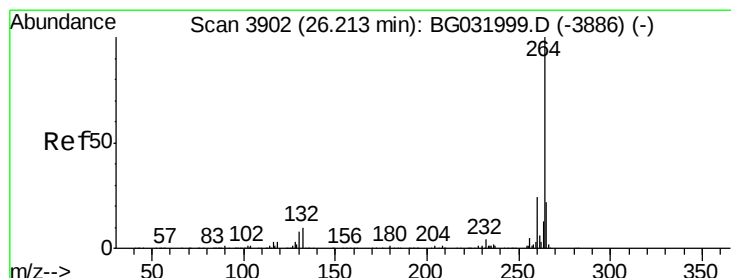
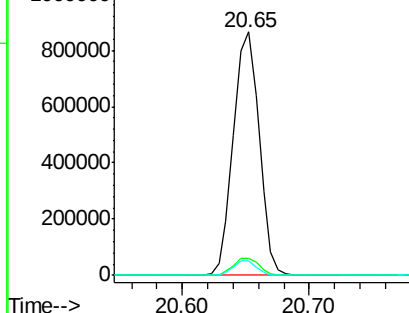
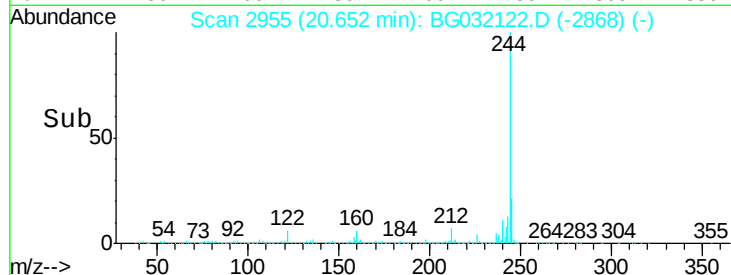
244 100

212 7.2 5.8 8.8

122 5.9 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: 26.15 min Scan# 3891

Delta R.T. -0.06 min

Lab File: BG032122.D

Acq: 18 Jan 2018 4:35

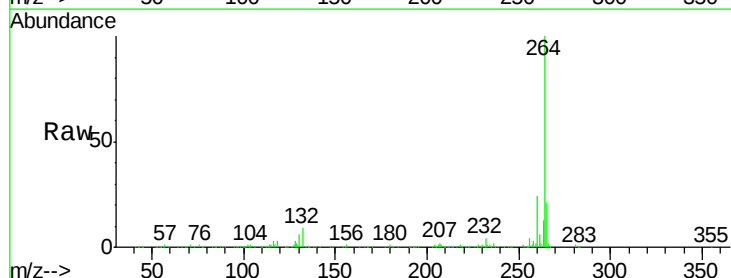
Tgt Ion:264 Resp: 467191

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 21.5 17.7 26.5



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

