

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
 Data File : BG032712.D
 Acq On : 15 Feb 2018 12:10
 Operator : SJ/JU
 Sample : PB106551TB
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106551TB

Quant Time: Feb 15 12:53:00 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	24926	20.00	ng	-0.02
21) Naphthalene-d8	11.54	136	100973	20.00	ng	-0.01
38) Acenaphthene-d10	15.30	164	60687	20.00	ng	-0.01
63) Phenanthrene-d10	18.03	188	206726	20.00	ng	-0.01
75) Chrysene-d12	22.35	240	299820	20.00	ng	-0.02
86) Perylene-d12	26.00	264	267367	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	148368	119.42	ng	0.00
7) Phenol-d6	7.78	99	172193	101.36	ng	-0.01
23) Nitrobenzene-d5	9.86	82	123166	77.52	ng	-0.02
41) 2,4,6-Tribromophenol	16.78	330	135701	145.22	ng	-0.01
44) 2-Fluorobiphenyl	13.92	172	336130	69.26	ng	-0.01
78) Terphenyl-d14	20.58	244	1006882	76.54	ng	0.00

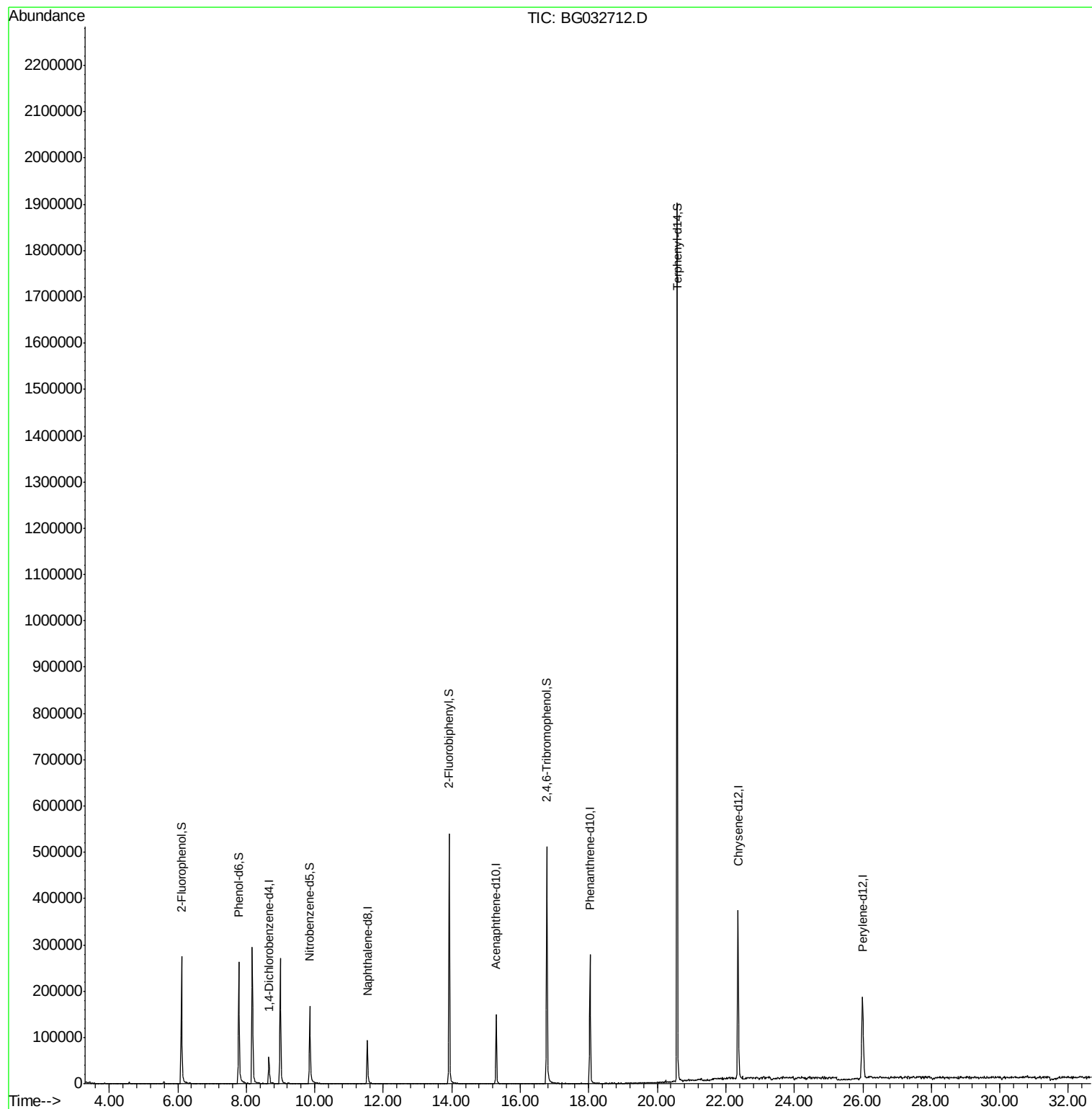
Target Compounds Qvalue

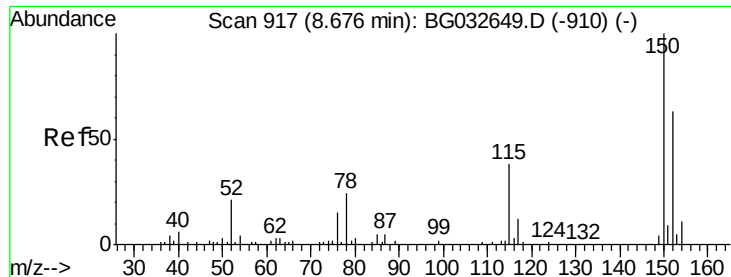
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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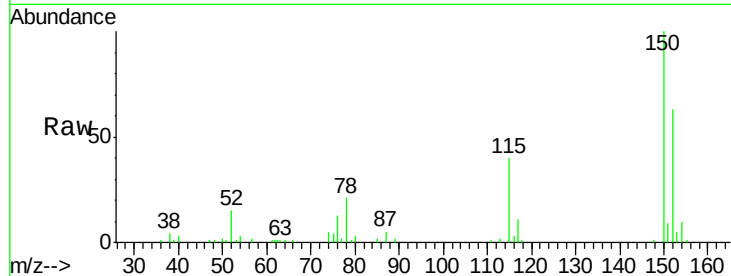


#1

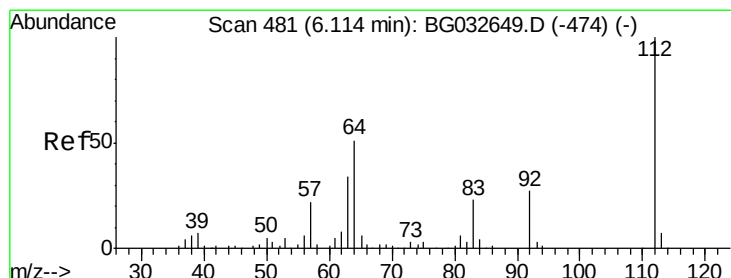
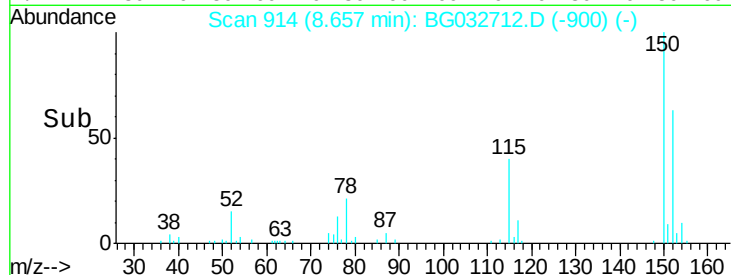
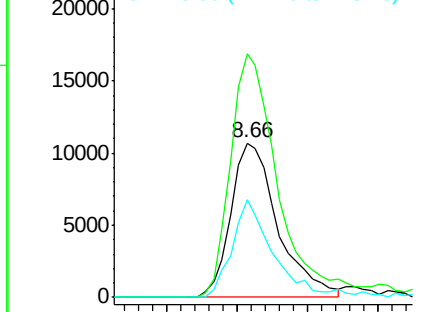
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.66 min Scan# 914
 Delta R.T. -0.02 min
 Lab File: BG032712.D
 Acq: 15 Feb 2018 12:10

Instrument :
 BNA_G
 ClientSampleId :
 PB106551TB

Tot Ion:152 Resp: 24926
 Ion Ratio Lower Upper
 152 100
 150 157.9 126.6 189.8
 115 63.6 53.0 79.4



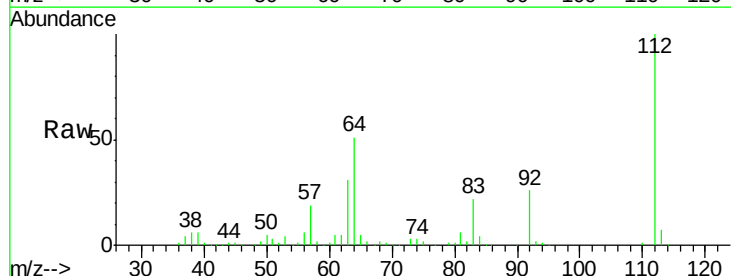
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



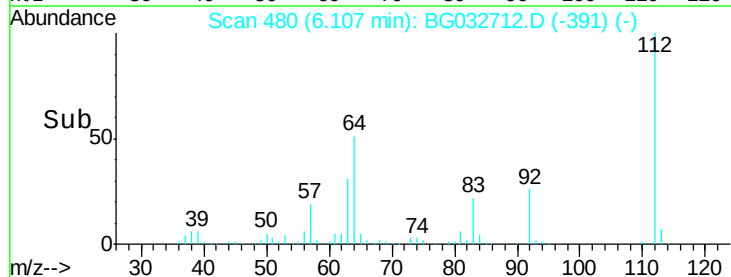
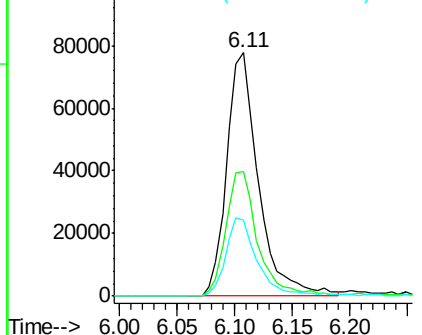
#5

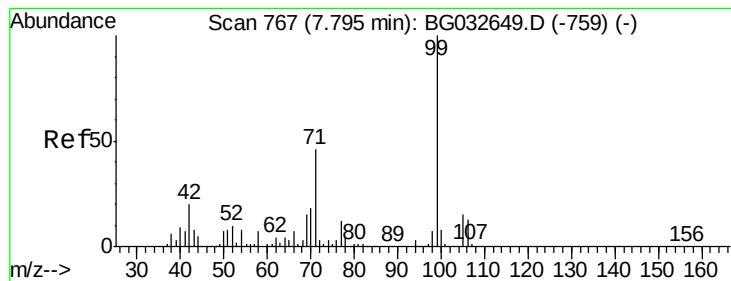
2-Fluorophenol
 Concen: 119.425 ng
 RT: 6.11 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BG032712.D
 Acq: 15 Feb 2018 12:10

Tgt Ion:112 Resp: 148368
 Ion Ratio Lower Upper
 112 100
 64 51.2 56.3 84.5#
 63 31.2 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: 101.362 ng

RT: 7.78 min Scan# 765

Delta R.T. -0.01 min

Lab File: BG032712.D

Acq: 15 Feb 2018 12:10

Instrument :

BNA_G

ClientSampleId :

PB106551TB

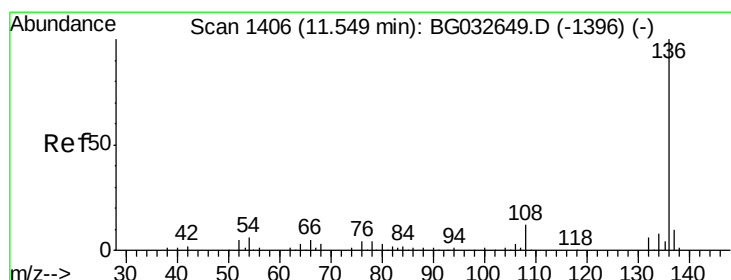
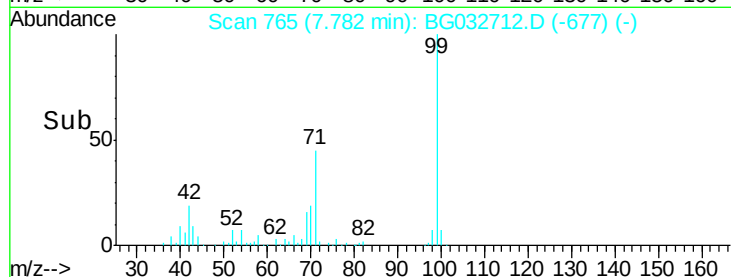
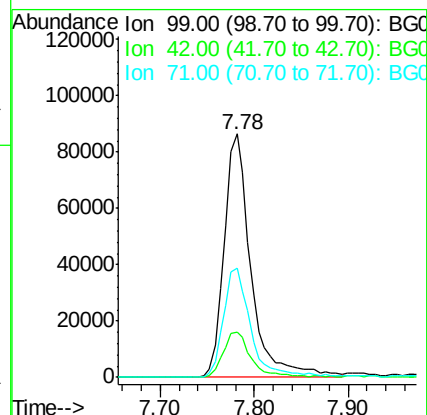
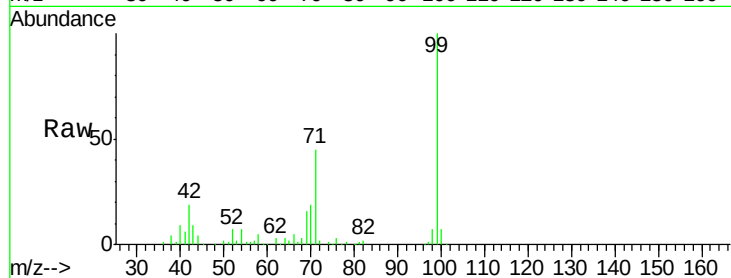
Tot Ion: 99 Resp: 172193

Ion Ratio Lower Upper

99 100

42 18.8 14.1 21.1

71 44.9 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.54 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BG032712.D

Acq: 15 Feb 2018 12:10

Tgt Ion: 136 Resp: 100973

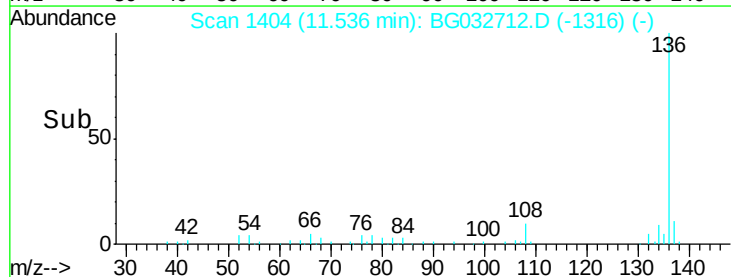
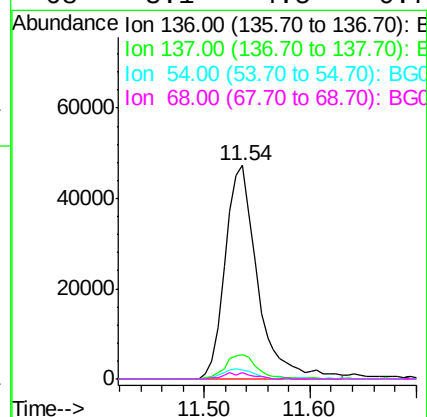
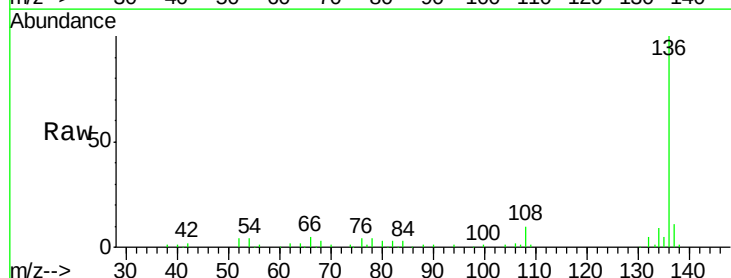
Ion Ratio Lower Upper

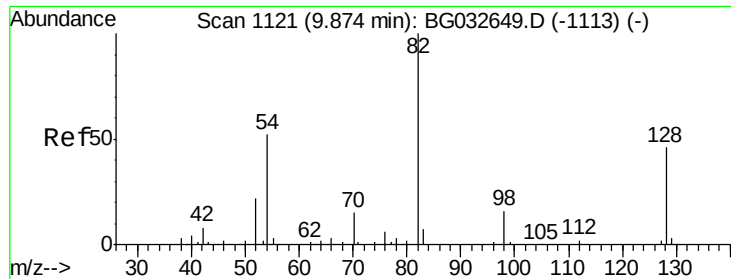
136 100

137 11.4 9.2 13.8

54 4.2 10.3 15.5#

68 3.1 4.5 6.7#

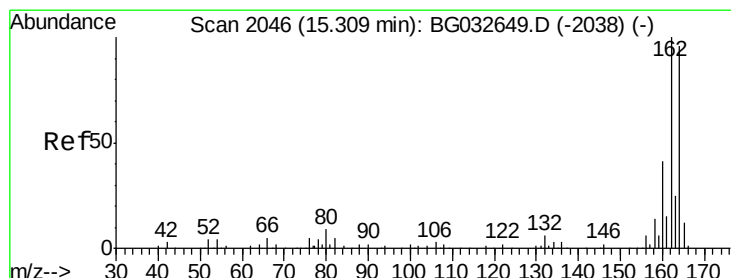
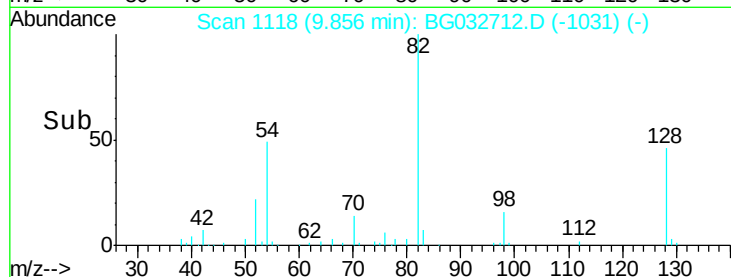
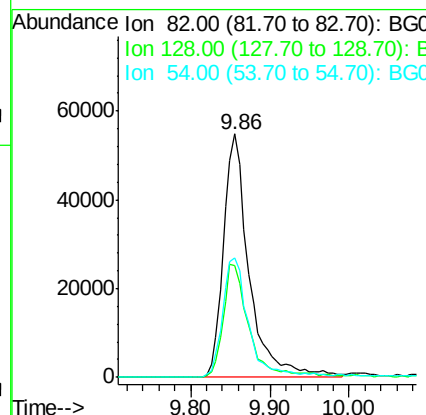
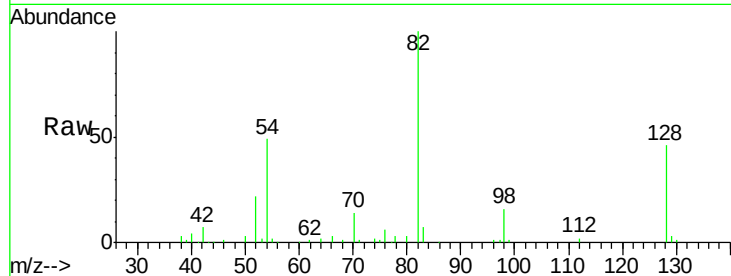




#23
 Nitrobenzene-d5
 Concen: 77.524 ng
 RT: 9.86 min Scan# 1118
 Delta R.T. -0.02 min
 Lab File: BG032712.D
 Acq: 15 Feb 2018 12:10

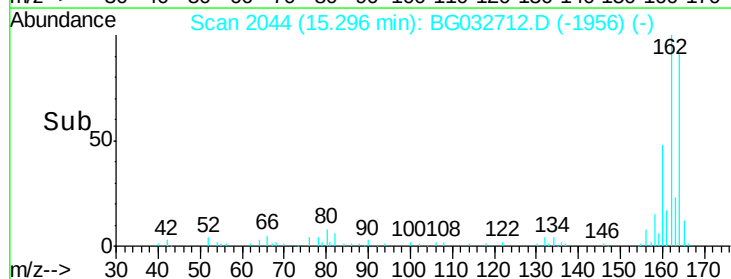
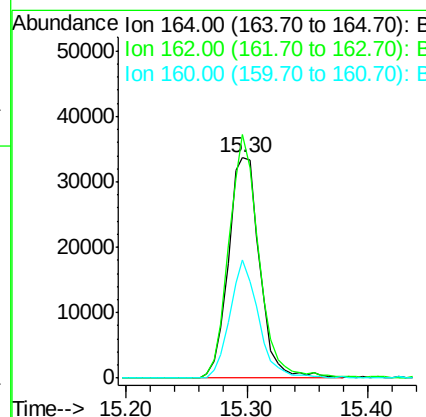
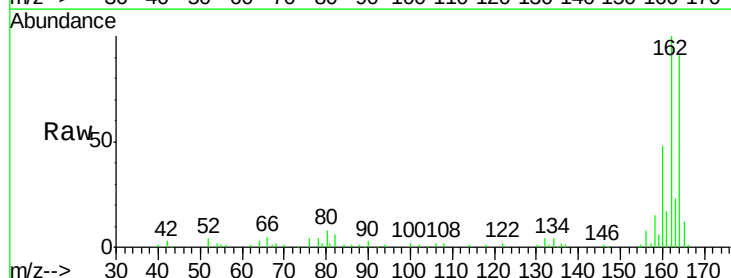
Instrument :
 BNA_G
 ClientSampleID :
 PB106551TB

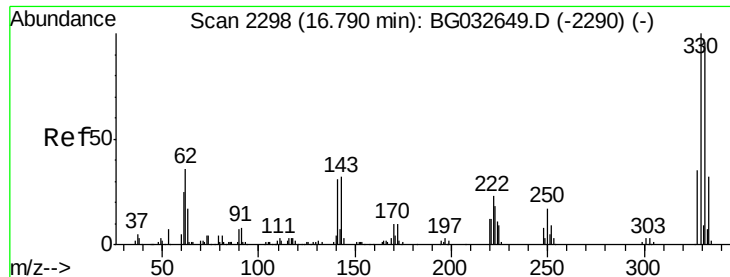
Tot Ion	82	Resp	123166
Ion Ratio	100		
Lower	29.7		
Upper	44.5		
54	49.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BG032712.D
 Acq: 15 Feb 2018 12:10

Tgt Ion	164	Resp	60687
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>78.8</td> <td></td> <td></td>	78.8		
Upper <td>118.2</td> <td></td> <td></td>	118.2		
162	110.4	35.4	53.0
160	53.3		





#41

2,4,6-Tribromophenol

Concen: 145.220 ng

RT: 16.78 min Scan# 2296

Delta R.T. -0.01 min

Lab File: BG032712.D

Acq: 15 Feb 2018 12:10

Instrument :

BNA_G

ClientSampleId :

PB106551TB

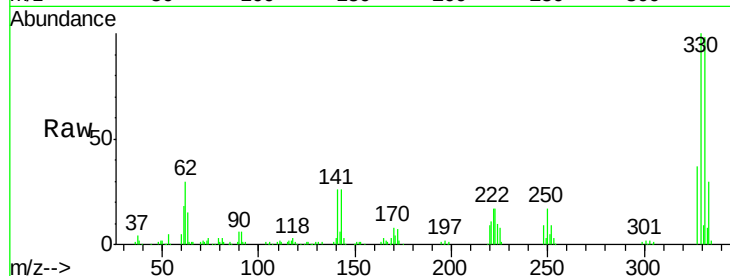
Tot Ion:330 Resp: 135701

Ion Ratio Lower Upper

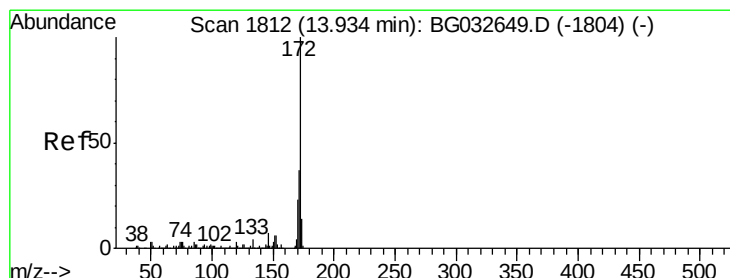
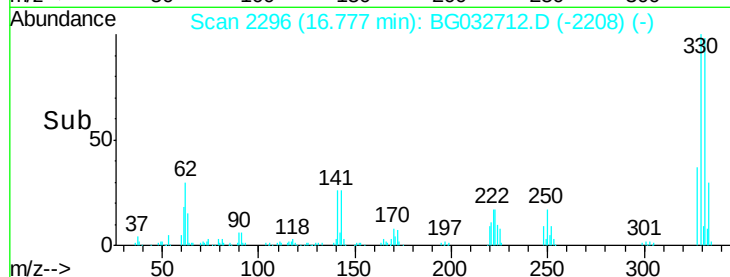
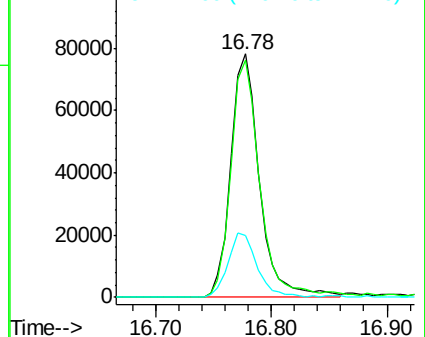
330 100

332 96.6 77.0 115.6

141 26.9 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: 69.264 ng

RT: 13.92 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BG032712.D

Acq: 15 Feb 2018 12:10

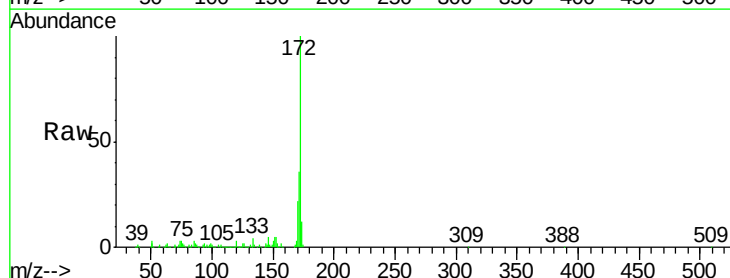
Tgt Ion:172 Resp: 336130

Ion Ratio Lower Upper

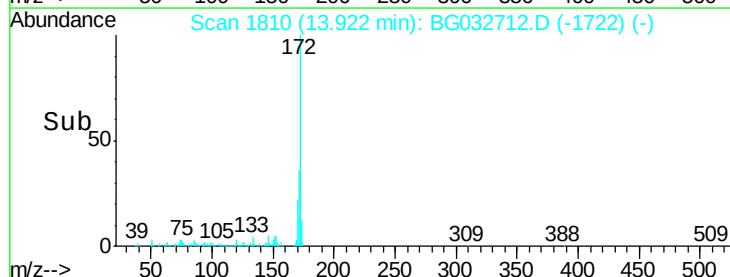
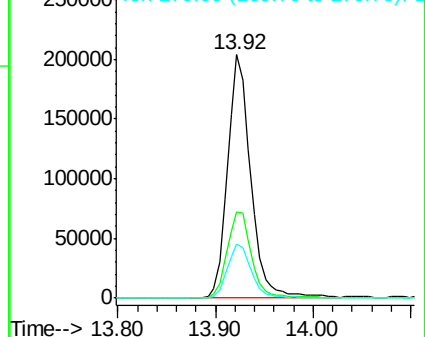
172 100

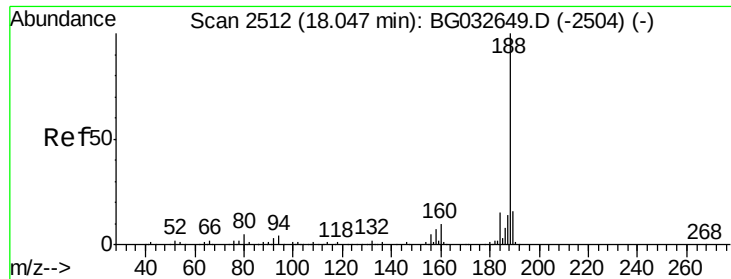
171 35.6 30.0 45.0

170 22.2 19.5 29.3



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.03 min Scan# 2510

Delta R.T. -0.01 min

Lab File: BG032712.D

Acq: 15 Feb 2018 12:10

Instrument :

BNA_G

ClientSampleId :

PB106551TB

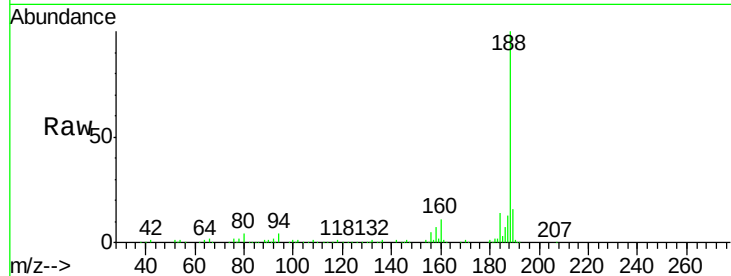
Tot Ion:188 Resp: 206726

Ion Ratio Lower Upper

188 100

94 4.2 6.9 10.3#

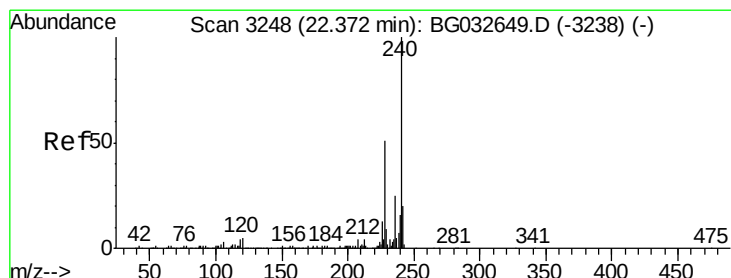
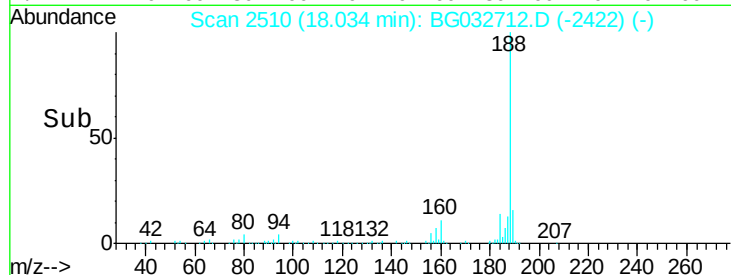
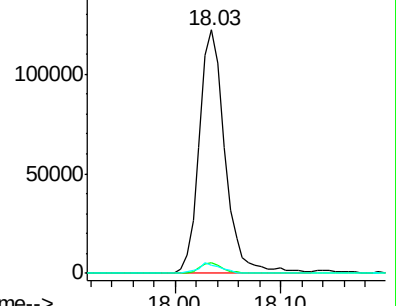
80 3.6 7.7 11.5#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.35 min Scan# 3245

Delta R.T. -0.02 min

Lab File: BG032712.D

Acq: 15 Feb 2018 12:10

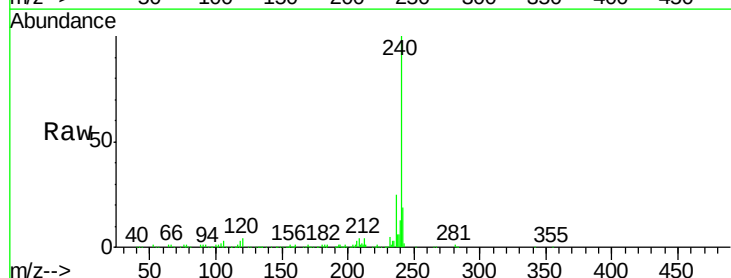
Tgt Ion:240 Resp: 299820

Ion Ratio Lower Upper

240 100

120 4.0 6.8 10.2#

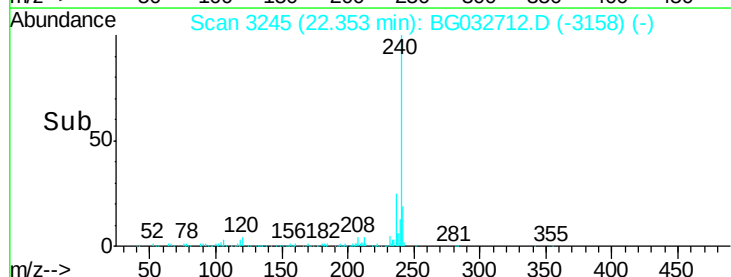
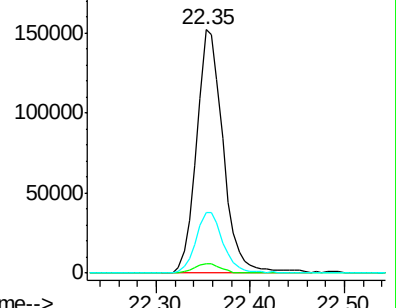
236 24.8 20.9 31.3

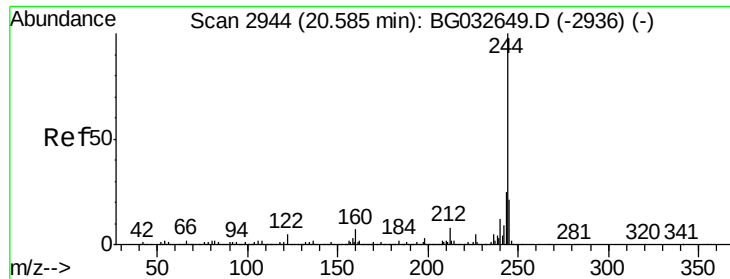


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.542 ng

RT: 20.58 min Scan# 2943

Delta R.T. -0.01 min

Lab File: BG032712.D

Acq: 15 Feb 2018 12:10

Instrument :

BNA_G

ClientSampleId :

PB106551TB

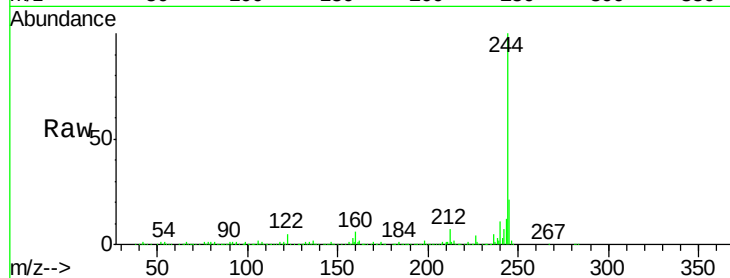
Tot Ion:244 Resp: 1006882

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

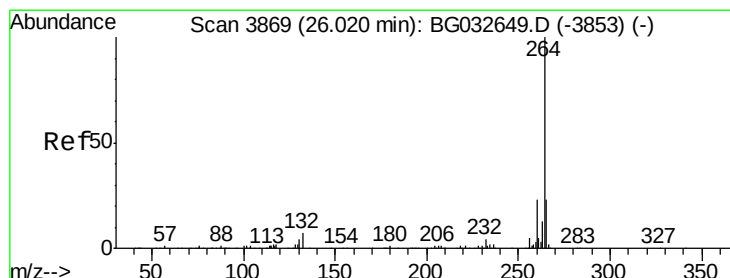
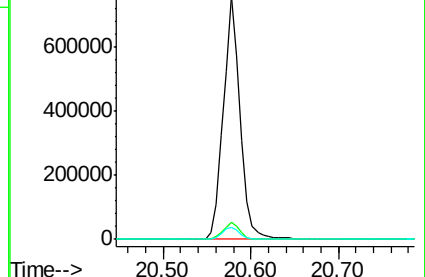
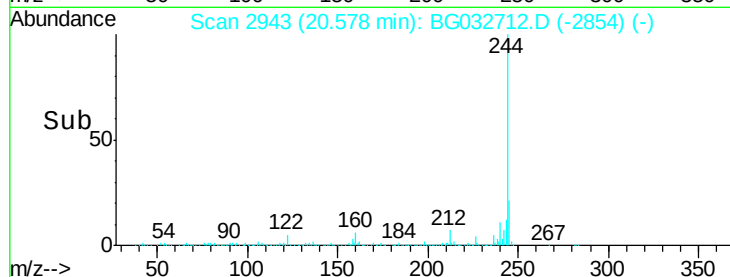
122 4.7 7.0 10.4#



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: 26.00 min Scan# 3865

Delta R.T. -0.02 min

Lab File: BG032712.D

Acq: 15 Feb 2018 12:10

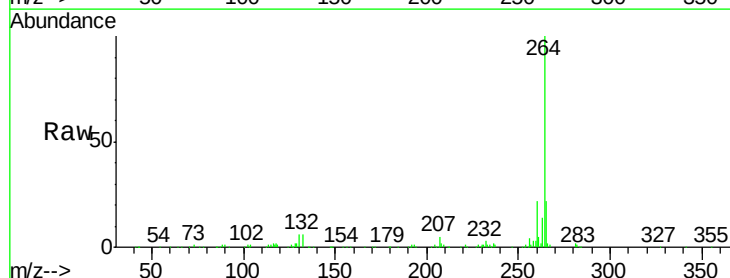
Tgt Ion:264 Resp: 267367

Ion Ratio Lower Upper

264 100

260 21.9 17.4 26.0

265 22.0 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

