

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
 Data File : BG035927.D
 Acq On : 27 Jul 2018 3:01
 Operator : JU/SJ
 Sample : PB111478BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111478BL

Quant Time: Jul 27 08:04:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	29414	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	110611	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	87368	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	282293	20.00	ng	0.00
75) Chrysene-d12	21.65	240	311277	20.00	ng	0.00
86) Perylene-d12	24.86	264	284734	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	192880	108.87	ng	0.00
7) Phenol-d6	7.19	99	275909	104.38	ng	0.00
23) Nitrobenzene-d5	9.19	82	172019	64.97	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	138714	120.46	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	450652	69.11	ng	0.00
78) Terphenyl-d14	20.00	244	1041517	73.75	ng	0.00

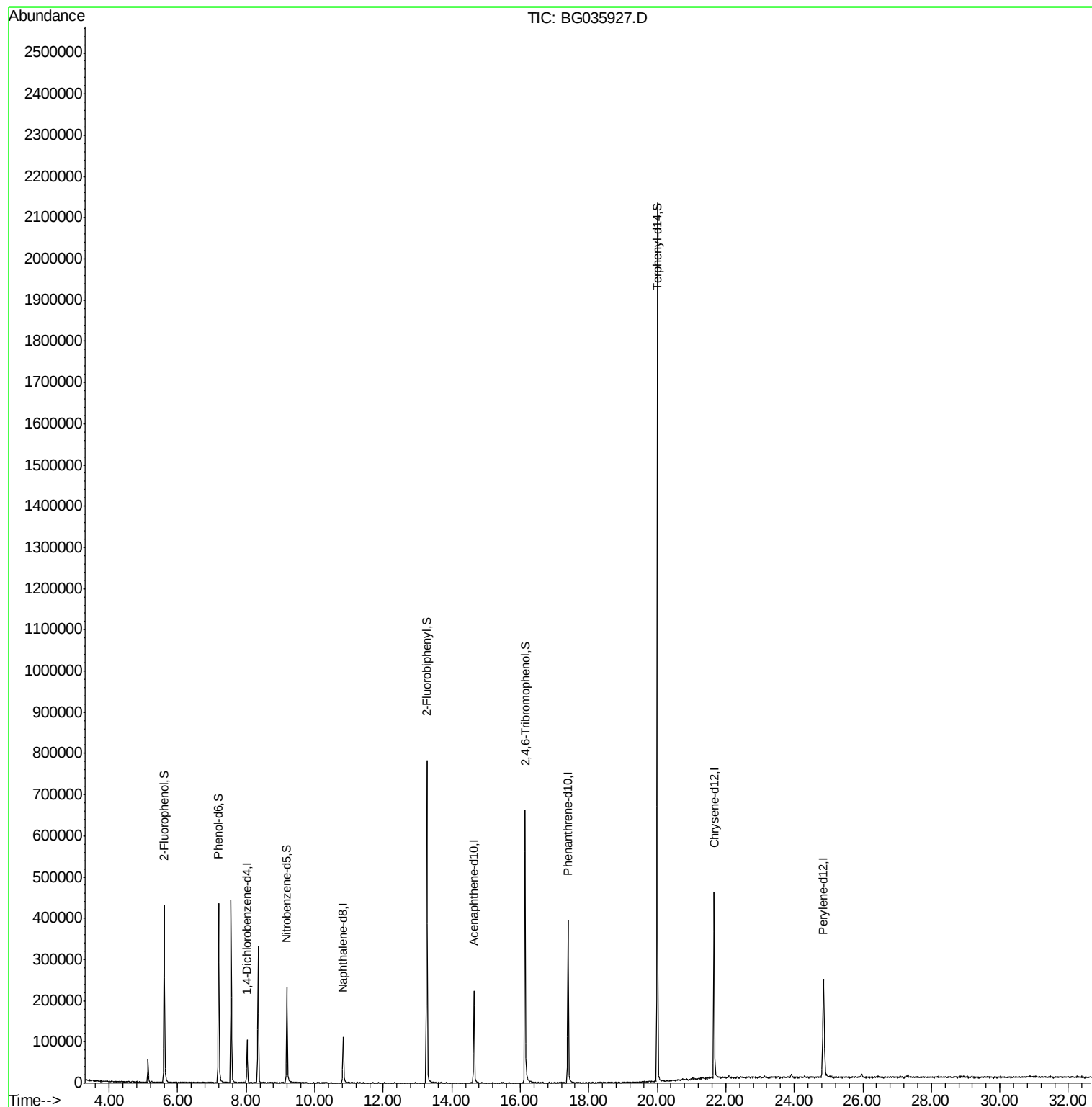
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 806

Delta R.T. 0.00 min

Lab File: BG035927.D

Acq: 27 Jul 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB111478BL

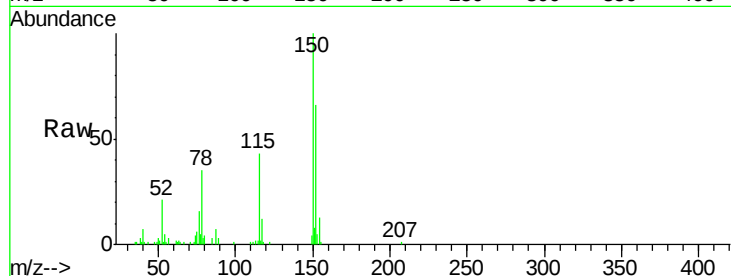
Tgt Ion:152 Resp: 29414

Ion Ratio Lower Upper

152 100

150 151.3 126.6 189.8

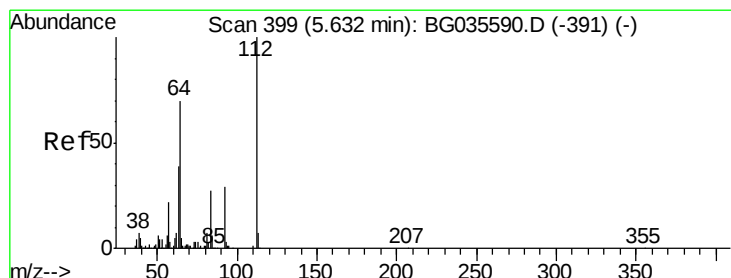
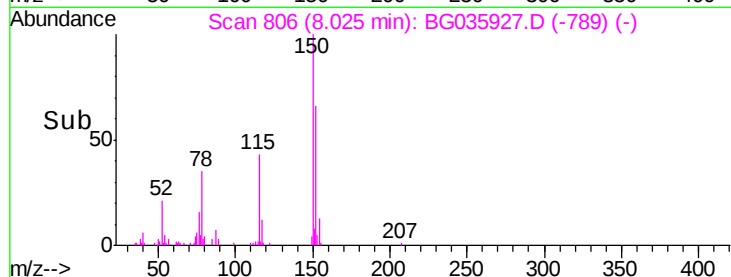
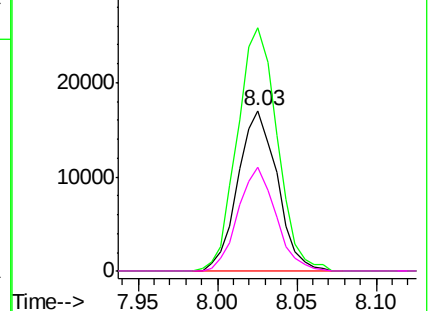
115 64.4 53.0 79.4



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: 108.869 ng

RT: 5.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG035927.D

Acq: 27 Jul 2018 3:01

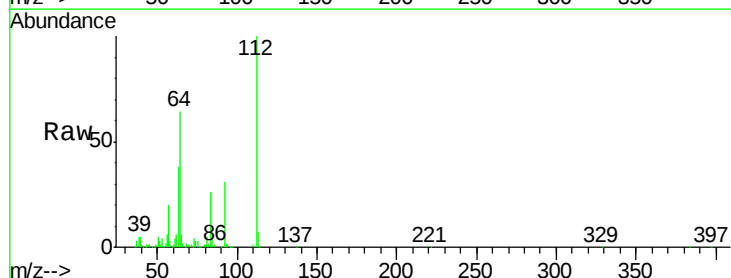
Tgt Ion:112 Resp: 192880

Ion Ratio Lower Upper

112 100

64 64.1 56.3 84.5

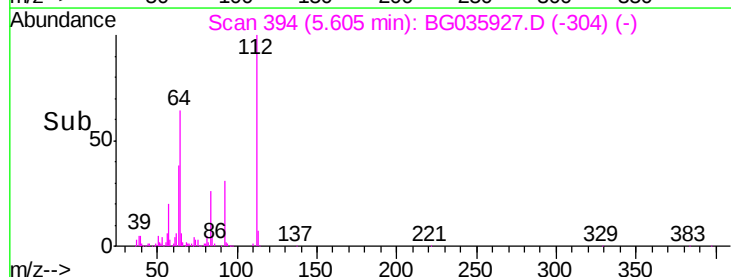
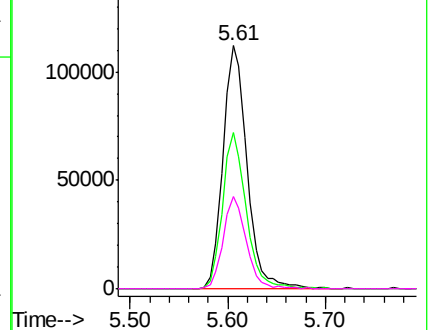
63 37.9 30.1 45.1

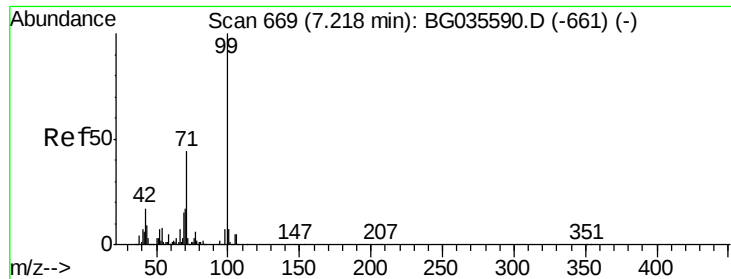


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 104.380 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG035927.D

Acq: 27 Jul 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB111478BL

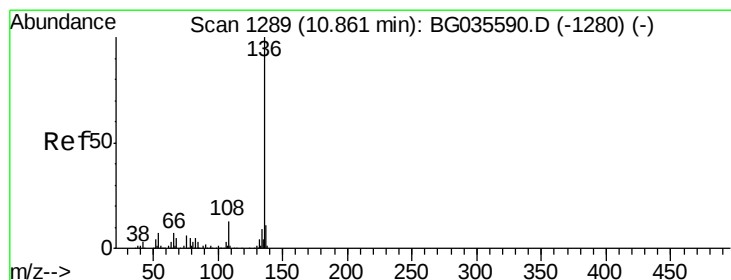
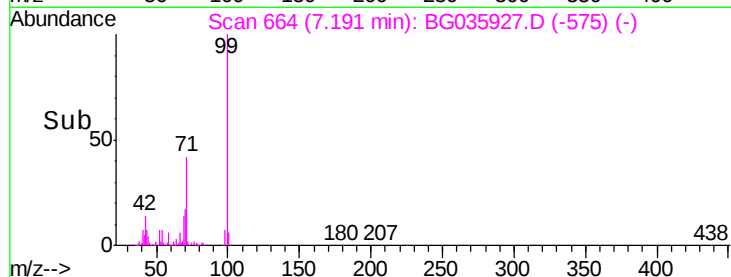
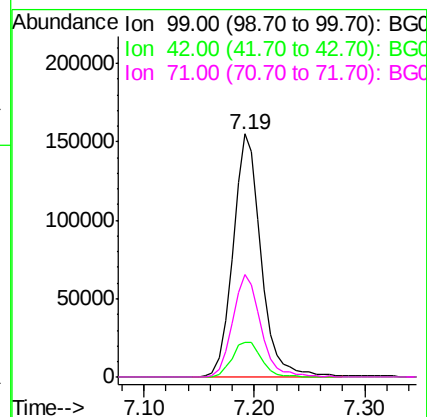
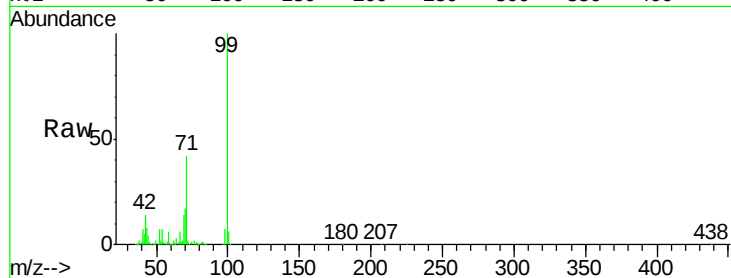
Tgt Ion: 99 Resp: 275909

Ion Ratio Lower Upper

99 100

42 14.5 14.1 21.1

71 42.2 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BG035927.D

Acq: 27 Jul 2018 3:01

Tgt Ion: 136 Resp: 110611

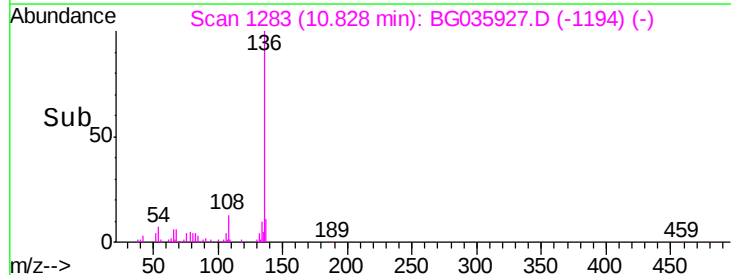
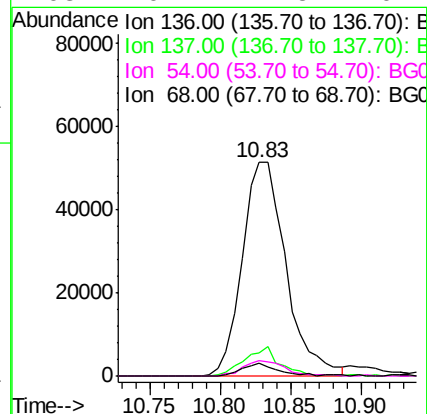
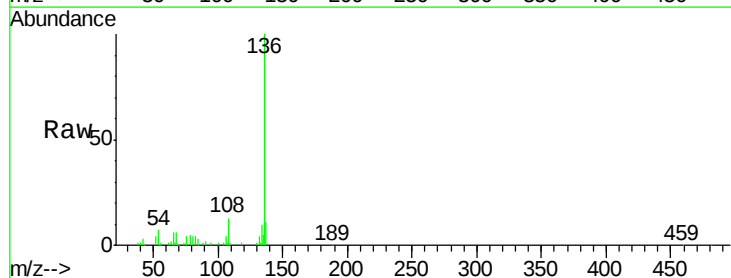
Ion Ratio Lower Upper

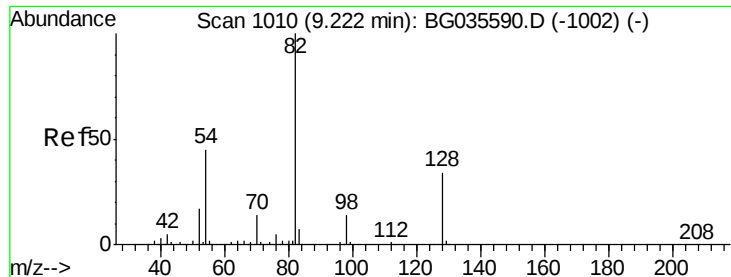
136 100

137 10.9 9.2 13.8

54 7.5 10.3 15.5#

68 6.1 4.5 6.7

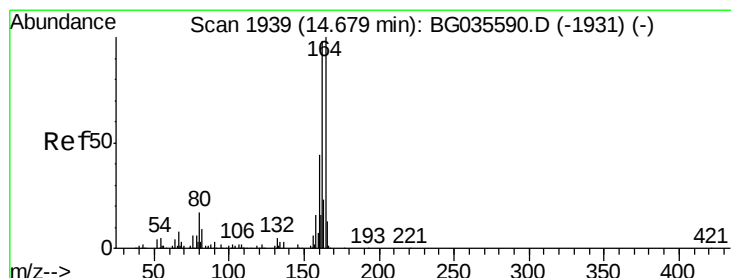
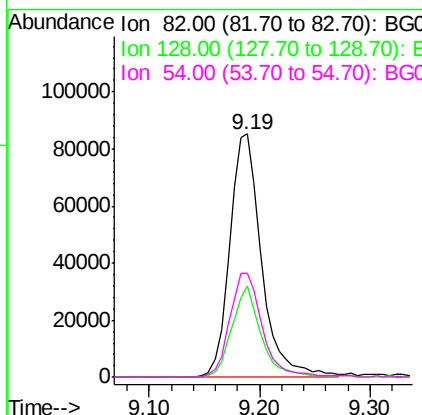
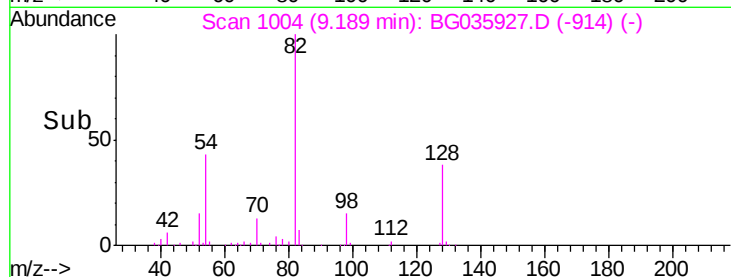
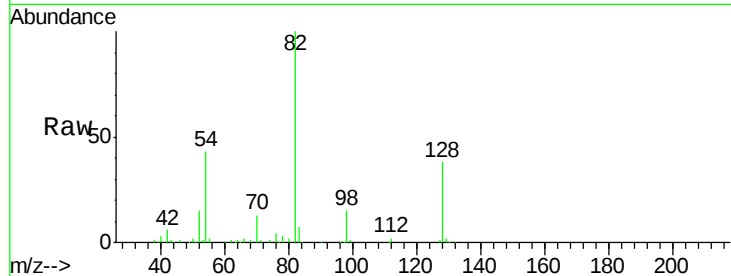




#23
 Nitrobenzene-d5
 Concen: 64.967 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BG035927.D
 Acq: 27 Jul 2018 3:01

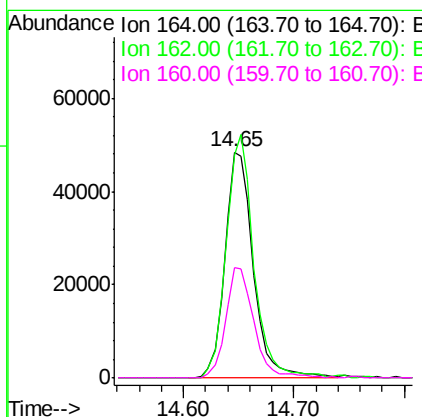
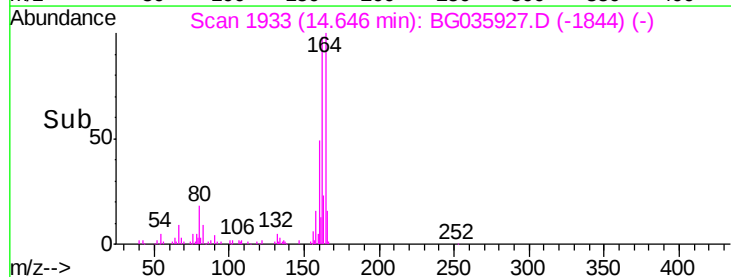
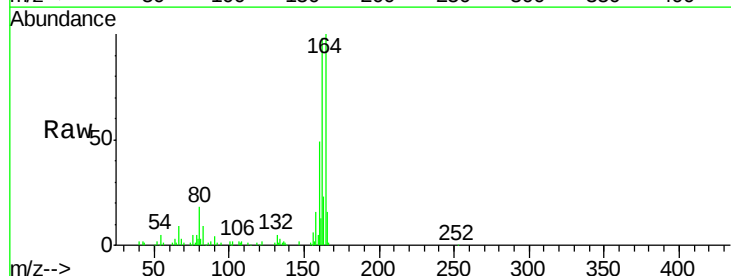
Instrument :
 BNA_G
 ClientSampleId :
 PB111478BL

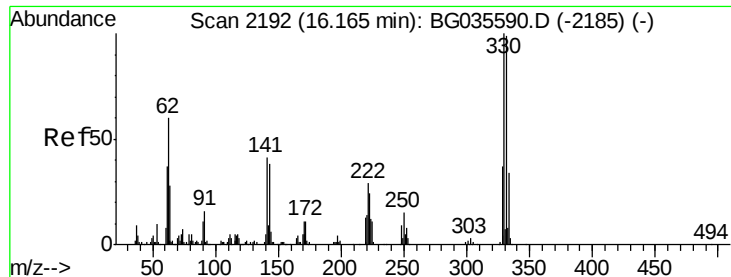
Tgt Ion: 82 Resp: 172019
 Ion Ratio Lower Upper
 82 100
 128 37.7 29.7 44.5
 54 42.9 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: BG035927.D
 Acq: 27 Jul 2018 3:01

Tgt Ion: 164 Resp: 87368
 Ion Ratio Lower Upper
 164 100
 162 98.4 78.8 118.2
 160 48.8 35.4 53.0

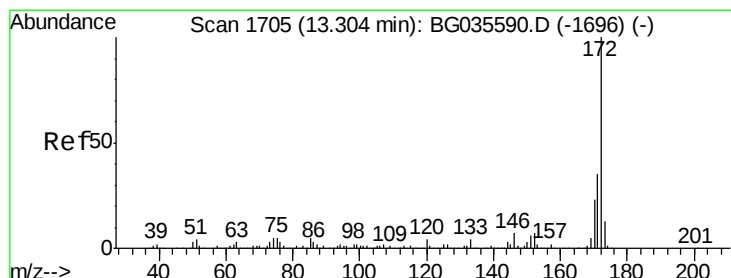
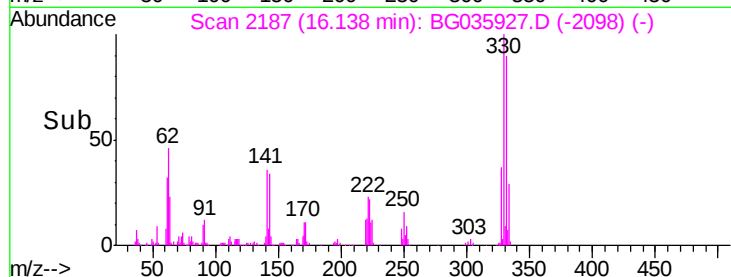
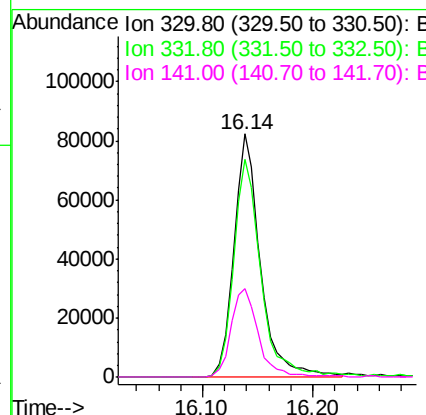
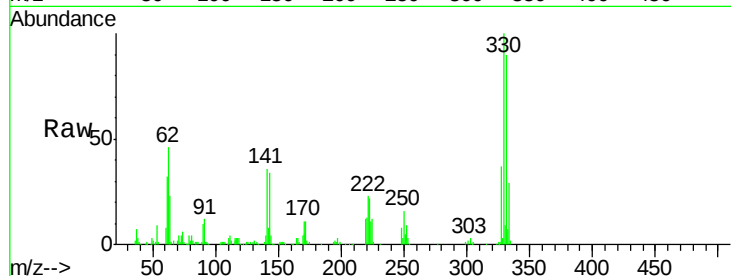




#41
 2,4,6-Tribromophenol
 Concen: 120.457 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG035927.D
 Acq: 27 Jul 2018 3:01

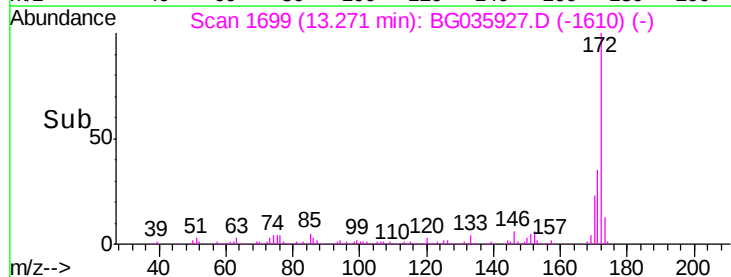
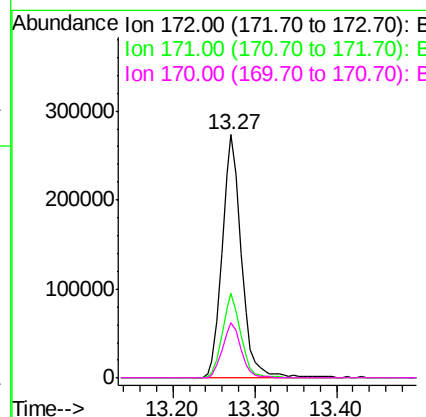
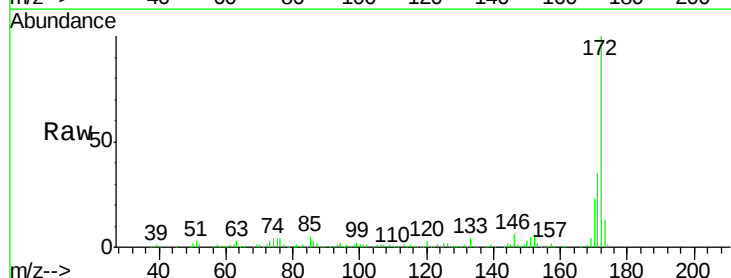
Instrument :
 BNA_G
 ClientSampleId :
 PB111478BL

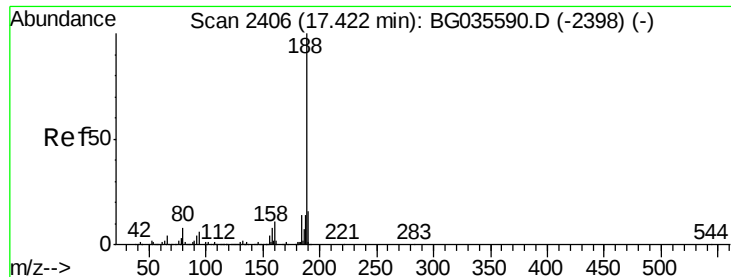
Tgt Ion:330 Resp: 138714
 Ion Ratio Lower Upper
 330 100
 332 93.0 77.0 115.6
 141 38.1 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 69.105 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG035927.D
 Acq: 27 Jul 2018 3:01

Tgt Ion:172 Resp: 450652
 Ion Ratio Lower Upper
 172 100
 171 35.0 30.0 45.0
 170 22.6 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BG035927.D

Acq: 27 Jul 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB111478BL

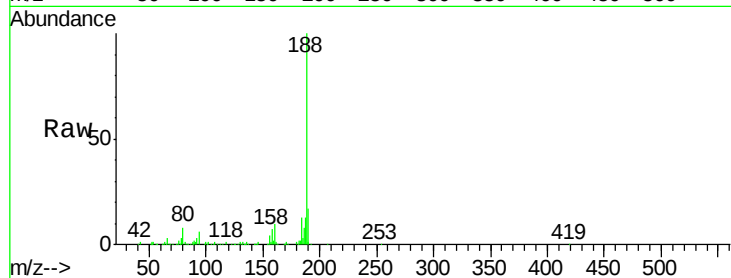
Tgt Ion:188 Resp: 282293

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

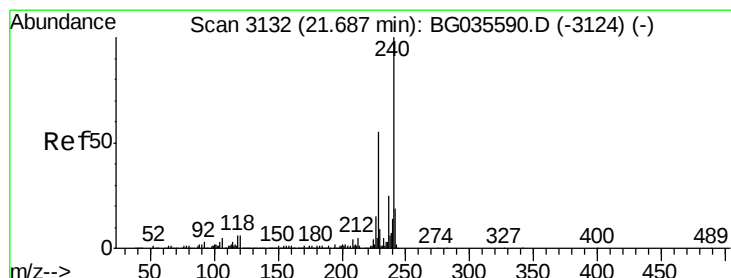
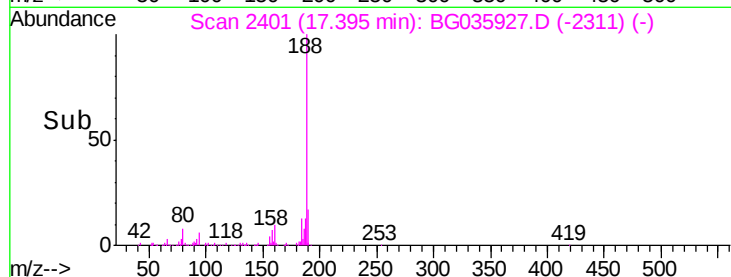
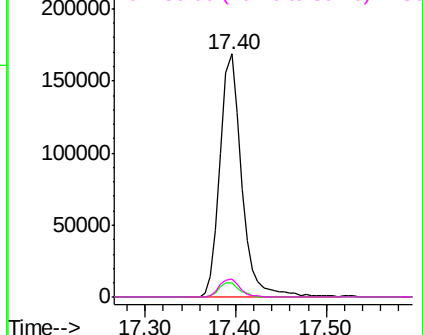
80 7.7 7.7 11.5



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: 21.65 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG035927.D

Acq: 27 Jul 2018 3:01

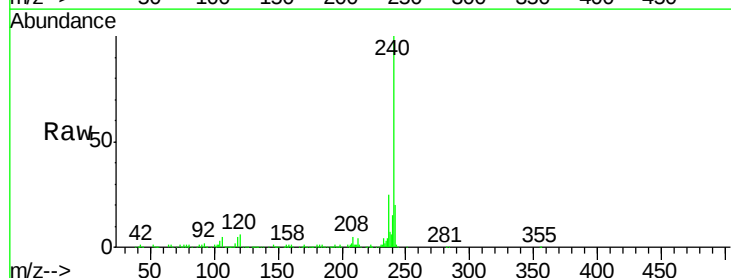
Tgt Ion:240 Resp: 311277

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

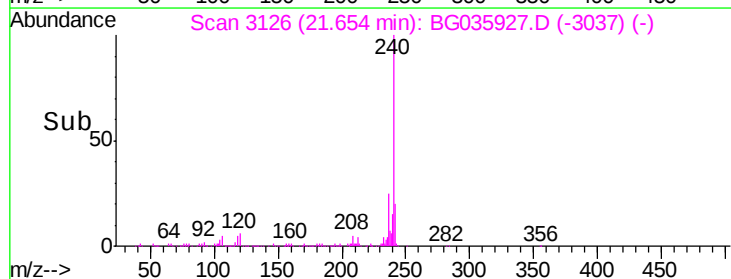
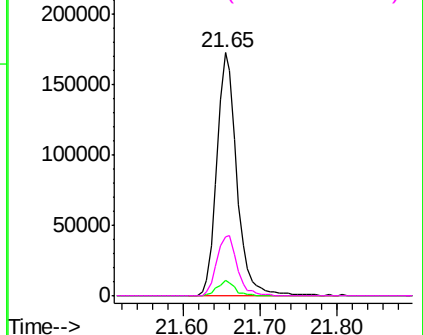
236 24.5 20.9 31.3

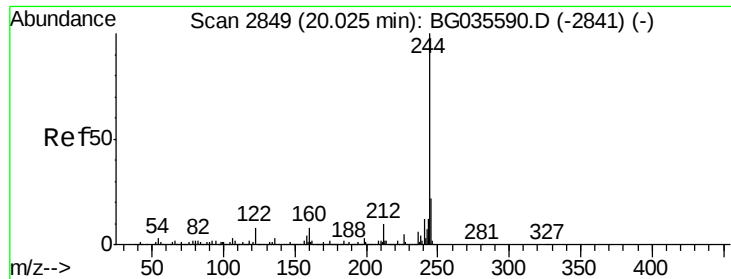


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.755 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG035927.D

Acq: 27 Jul 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB111478BL

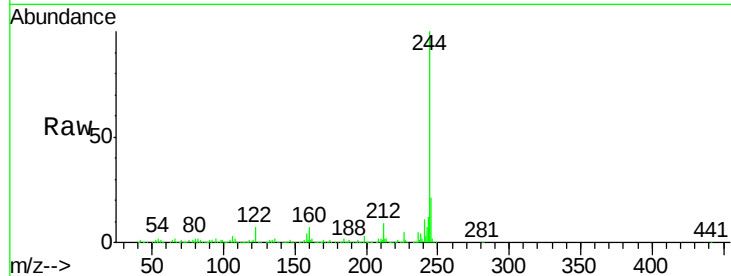
Tgt Ion:244 Resp: 1041517

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

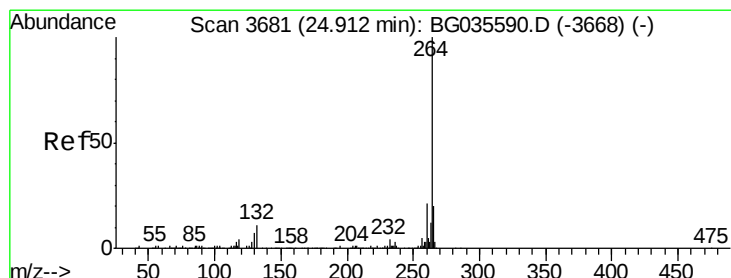
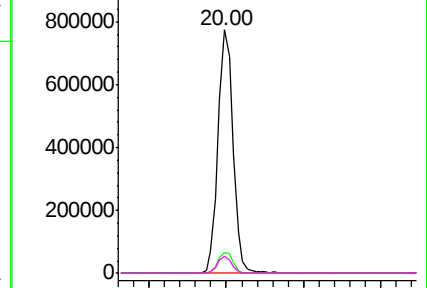
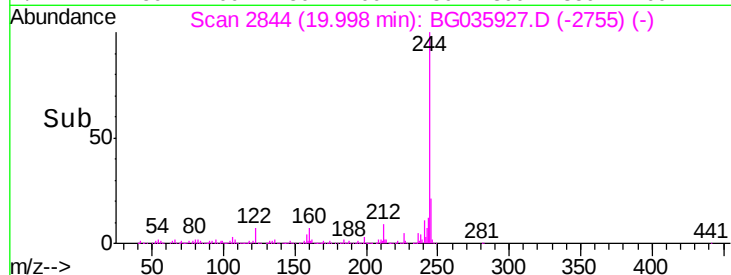
122 6.8 7.0 10.4#



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: 24.86 min Scan# 3671

Delta R.T. -0.00 min

Lab File: BG035927.D

Acq: 27 Jul 2018 3:01

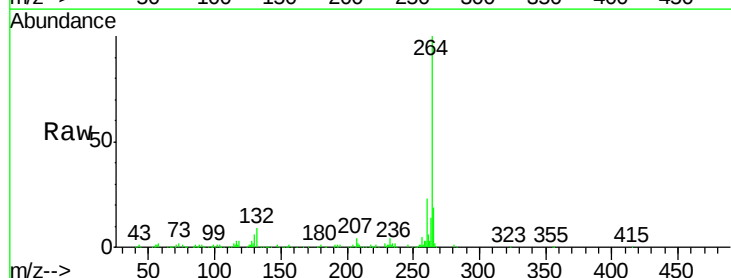
Tgt Ion:264 Resp: 284734

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 19.2 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

