

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
 Data File : BG035915.D
 Acq On : 26 Jul 2018 19:12
 Operator : JU/SJ
 Sample : PB111449BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111449BL

Quant Time: Jul 27 02:02:08 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	8.02	152	35209	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	130782	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	103428	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	310079	20.00	ng	0.00
75) Chrysene-d12	21.66	240	343660	20.00	ng	0.00
86) Perylene-d12	24.85	264	315967	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	281130	132.56	ng	0.00
7) Phenol-d6	7.19	99	407343	128.74	ng	0.00
23) Nitrobenzene-d5	9.19	82	254118	81.17	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	195981	143.76	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	649285	84.10	ng	0.00
78) Terphenyl-d14	20.00	244	1406179	90.20	ng	0.00

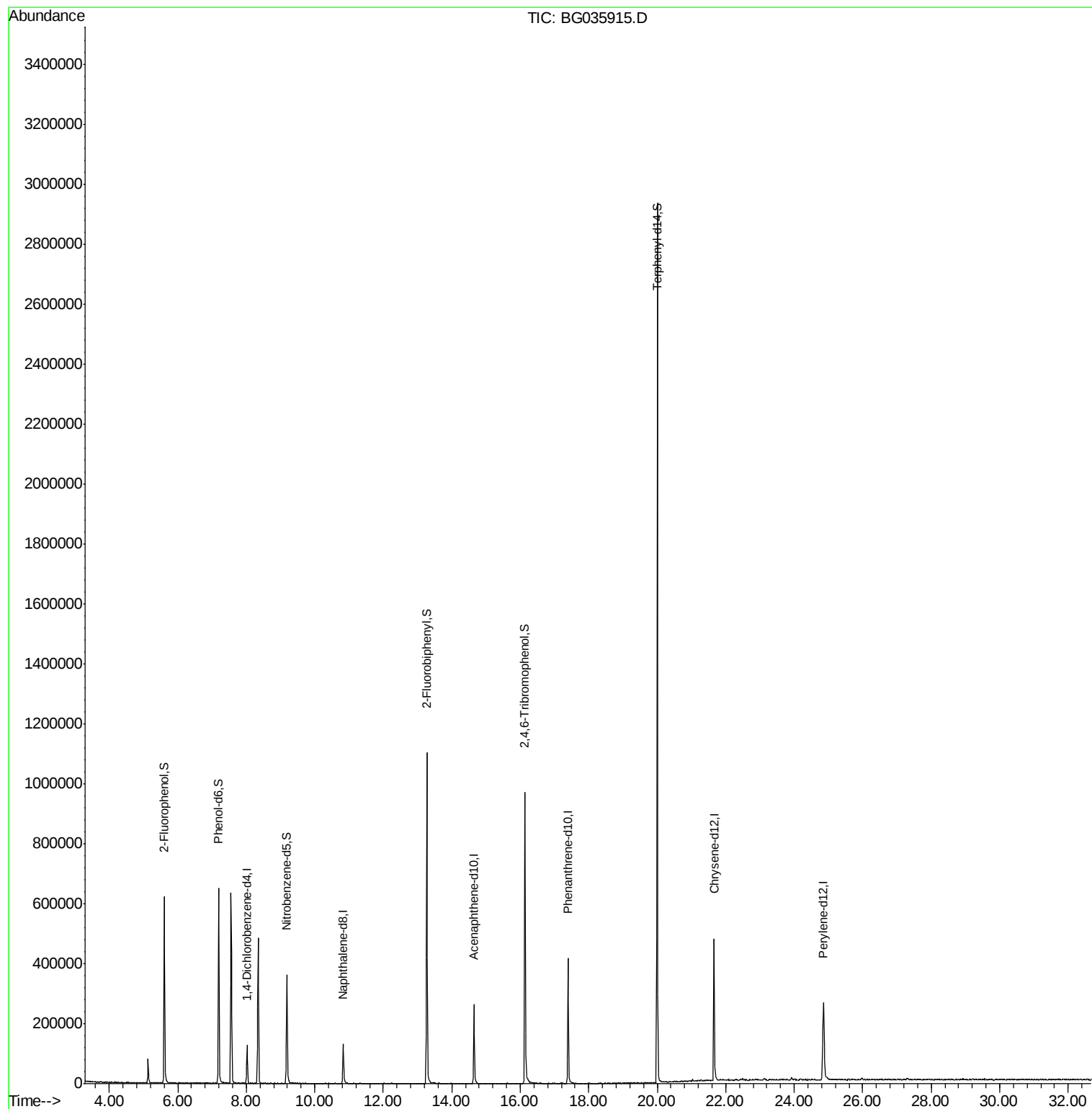
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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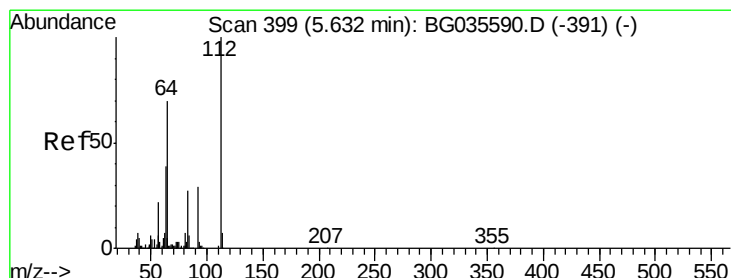
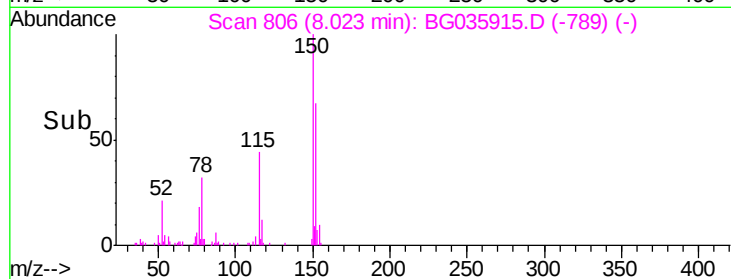
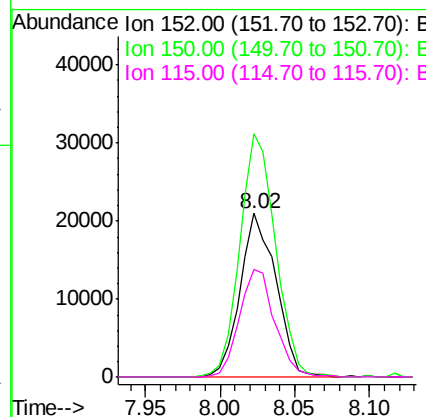
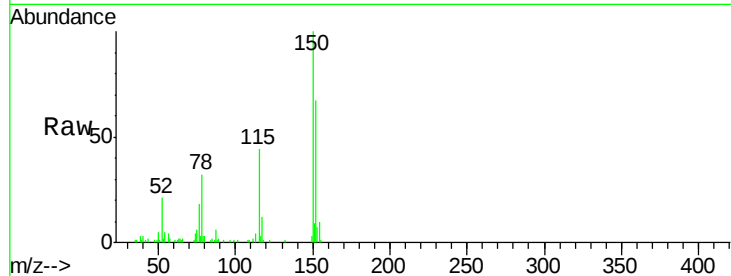


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035915.D
Acq: 26 Jul 2018 19:12

Instrument :
BNA_G
ClientSampleId :
PB111449BL

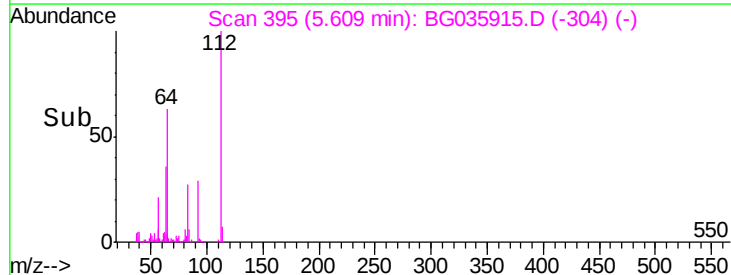
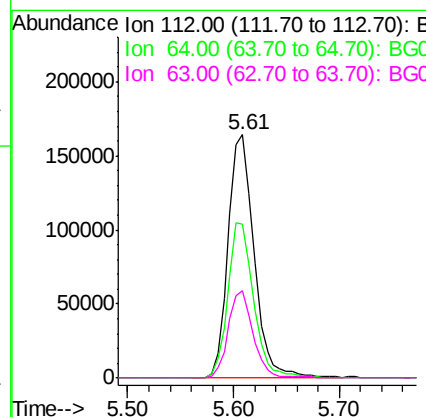
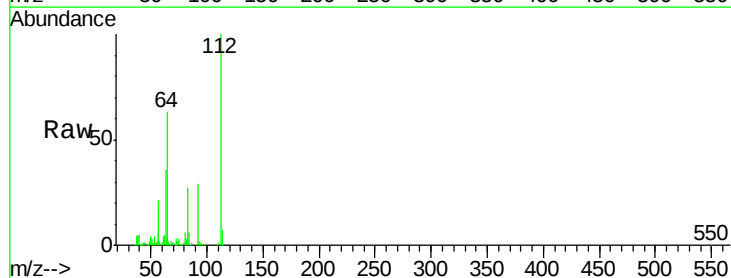
Tgt Ion:152 Resp: 35209
Ion Ratio Lower Upper
152 100
150 148.5 126.6 189.8
115 65.5 53.0 79.4

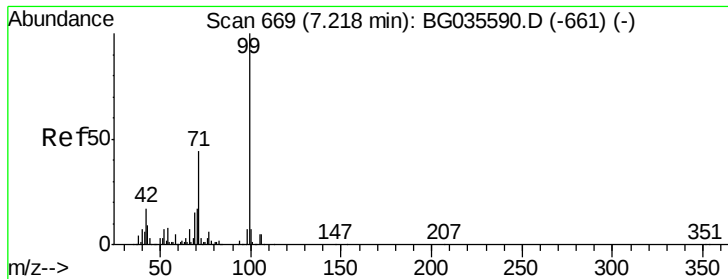


#5

2-Fluorophenol
Concen: 132.563 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035915.D
Acq: 26 Jul 2018 19:12

Tgt Ion:112 Resp: 281130
Ion Ratio Lower Upper
112 100
64 63.3 56.3 84.5
63 35.8 30.1 45.1





#7

Phenol-d6

Concen: 128.739 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035915.D

Acq: 26 Jul 2018 19:12

Instrument :

BNA_G

ClientSampleId :

PB111449BL

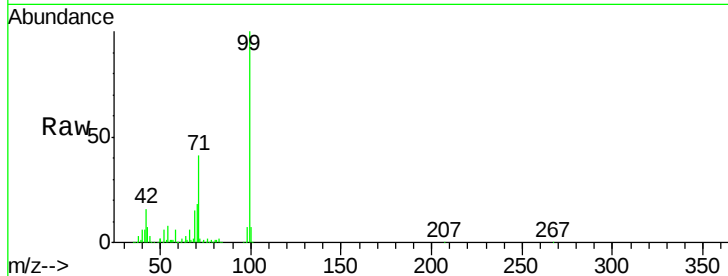
Tgt Ion: 99 Resp: 407343

Ion Ratio Lower Upper

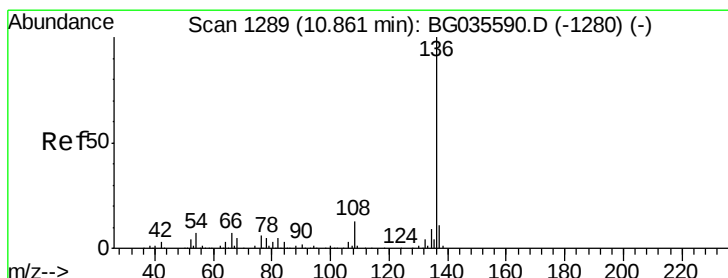
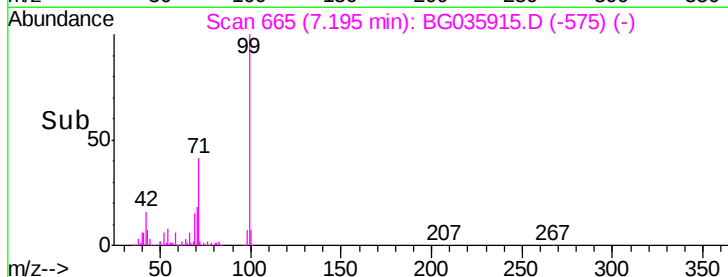
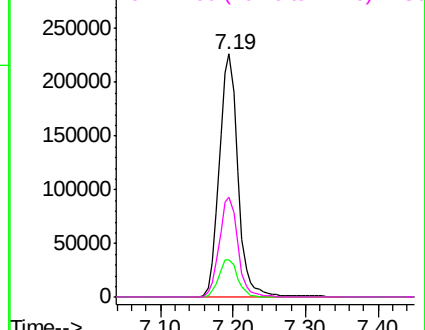
99 100

42 15.6 14.1 21.1

71 41.1 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: 10.83 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BG035915.D

Acq: 26 Jul 2018 19:12

Tgt Ion: 136 Resp: 130782

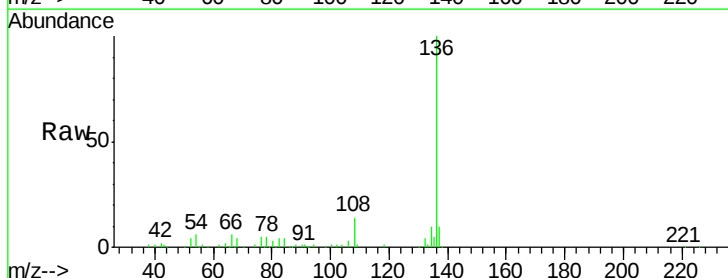
Ion Ratio Lower Upper

136 100

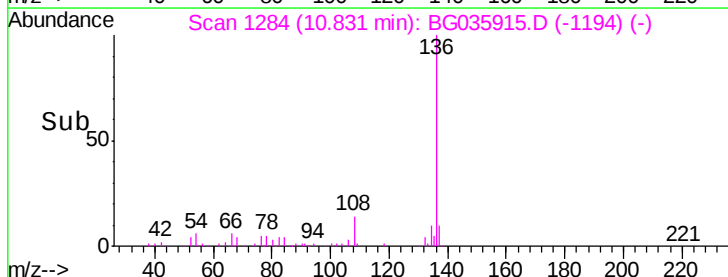
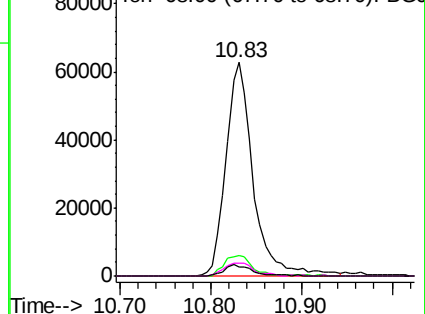
137 9.8 9.2 13.8

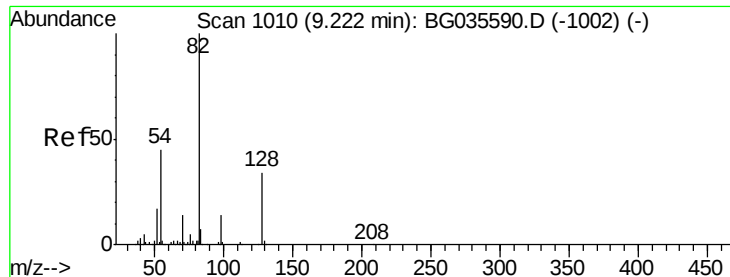
54 6.0 10.3 15.5#

68 4.4 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

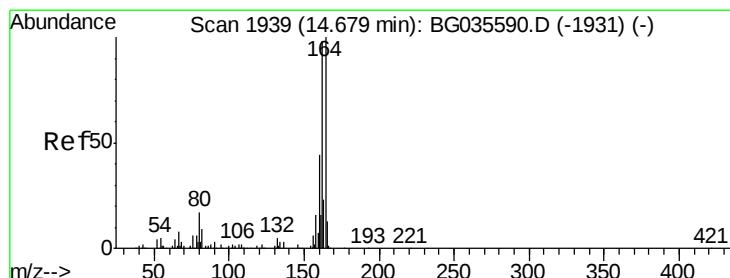
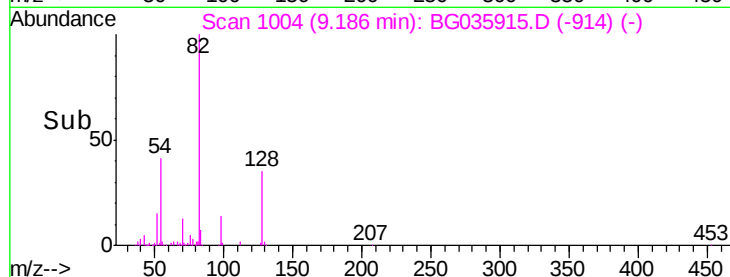
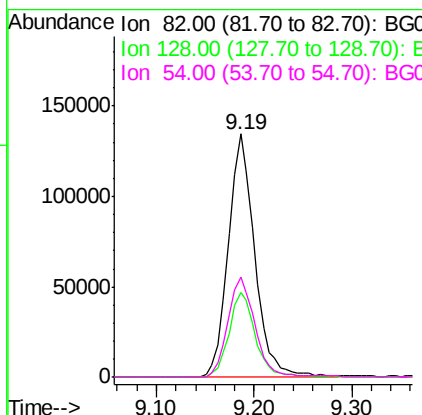
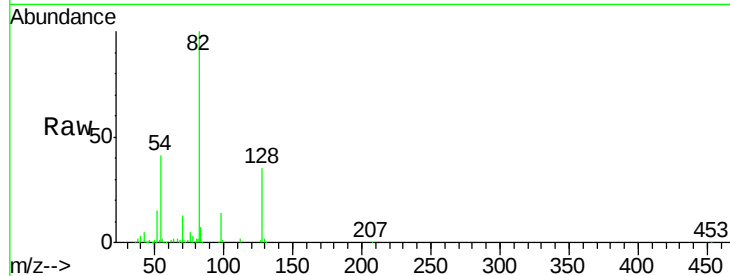




#23
 Nitrobenzene-d5
 Concen: 81.171 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG035915.D
 Acq: 26 Jul 2018 19:12

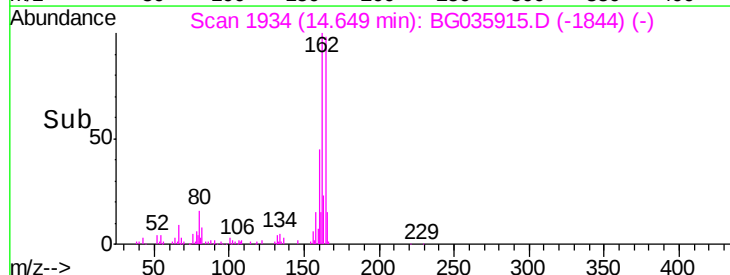
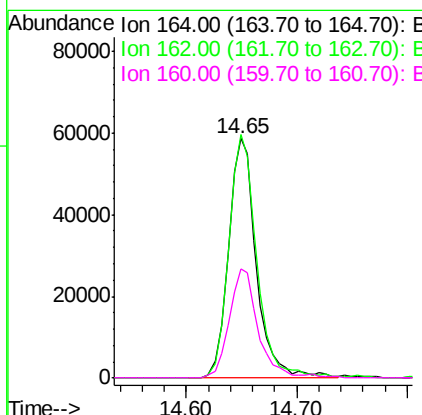
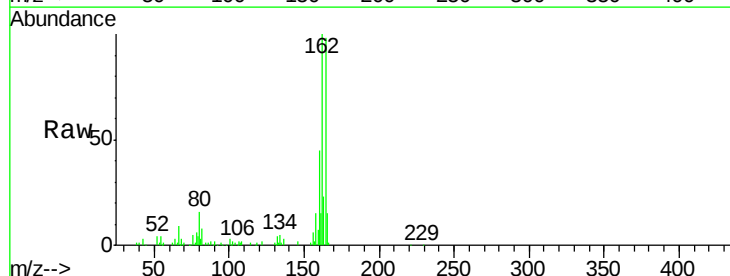
Instrument :
 BNA_G
 ClientSampleId :
 PB111449BL

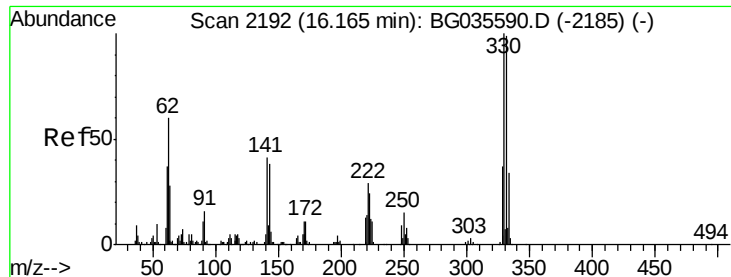
Tgt Ion: 82 Resp: 254118
 Ion Ratio Lower Upper
 82 100
 128 34.7 29.7 44.5
 54 41.3 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG035915.D
 Acq: 26 Jul 2018 19:12

Tgt Ion: 164 Resp: 103428
 Ion Ratio Lower Upper
 164 100
 162 101.6 78.8 118.2
 160 45.6 35.4 53.0

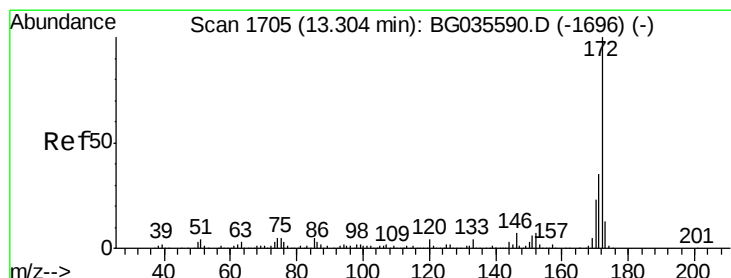
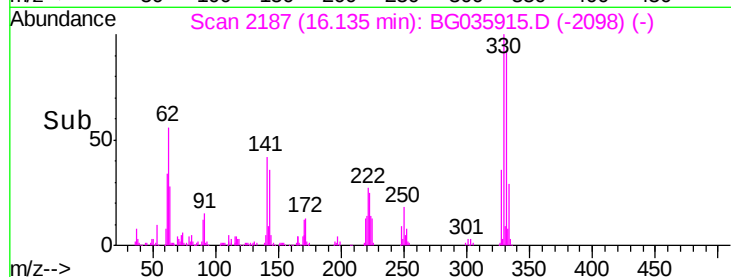
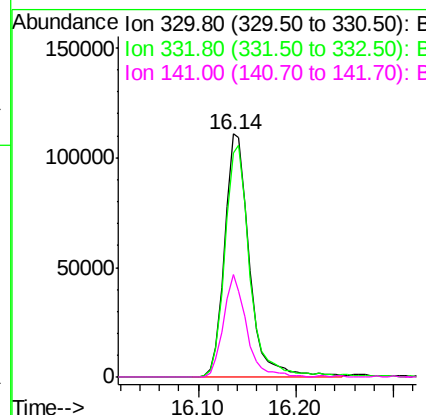
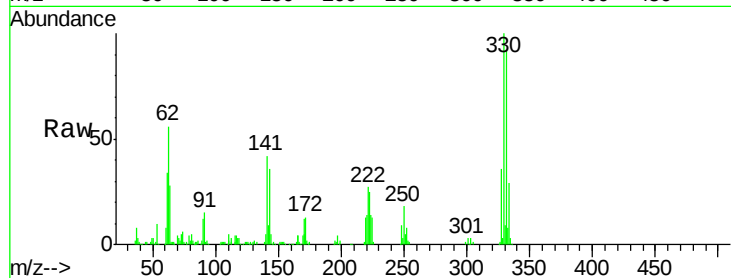




#41
 2,4,6-Tribromophenol
 Concen: 143.760 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG035915.D
 Acq: 26 Jul 2018 19:12

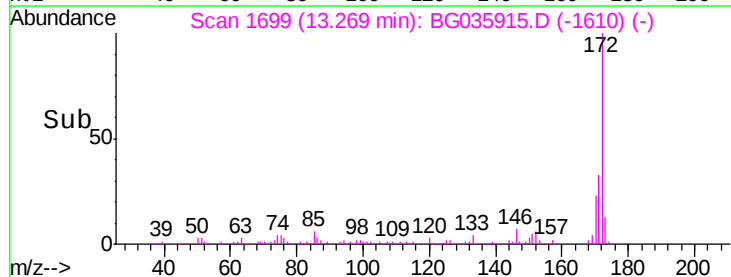
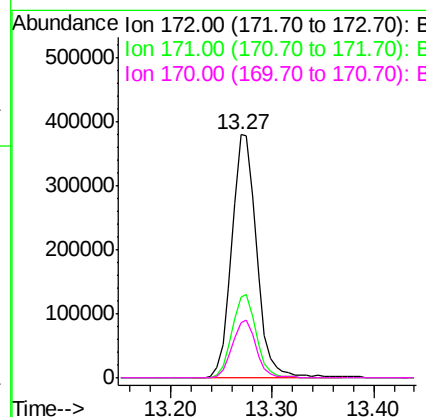
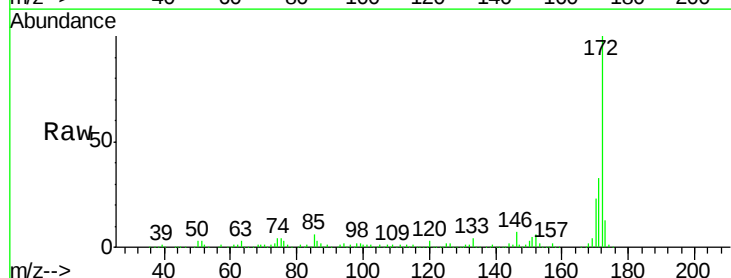
Instrument :
 BNA_G
 ClientSampled :
 PB111449BL

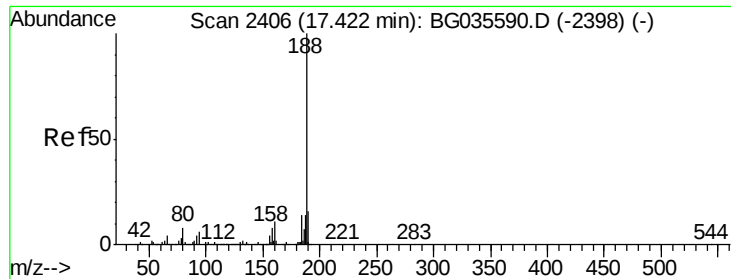
Tgt Ion:330 Resp: 195981
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 39.4 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 84.104 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035915.D
 Acq: 26 Jul 2018 19:12

Tgt Ion:172 Resp: 649285
 Ion Ratio Lower Upper
 172 100
 171 33.2 30.0 45.0
 170 22.8 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035915.D

Acq: 26 Jul 2018 19:12

Instrument :

BNA_G

ClientSampleId :

PB111449BL

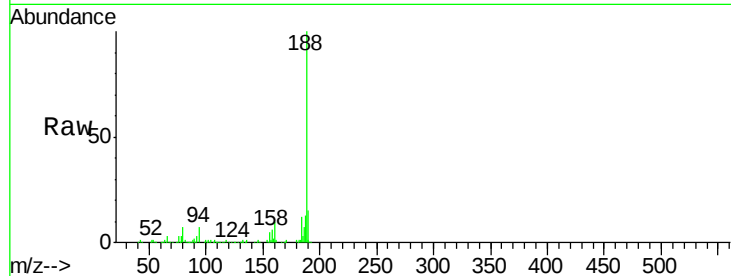
Tgt Ion:188 Resp: 310079

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

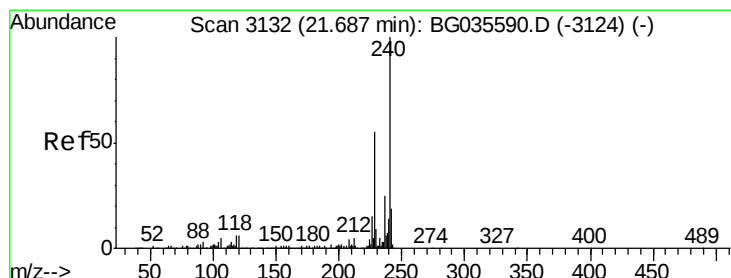
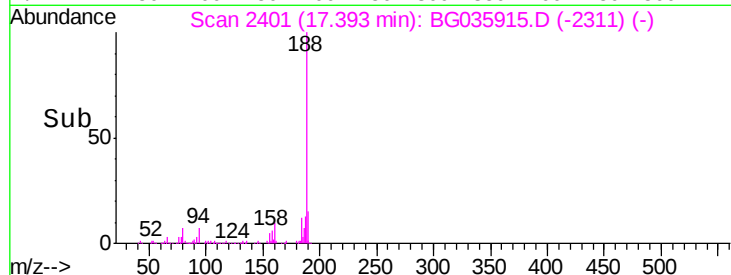
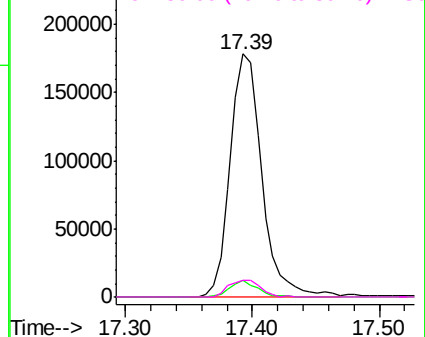
80 7.3 7.7 11.5#



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: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035915.D

Acq: 26 Jul 2018 19:12

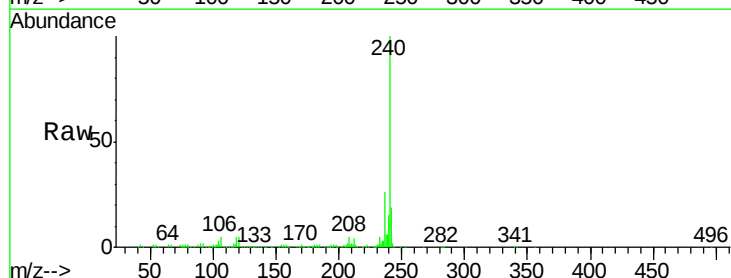
Tgt Ion:240 Resp: 343660

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

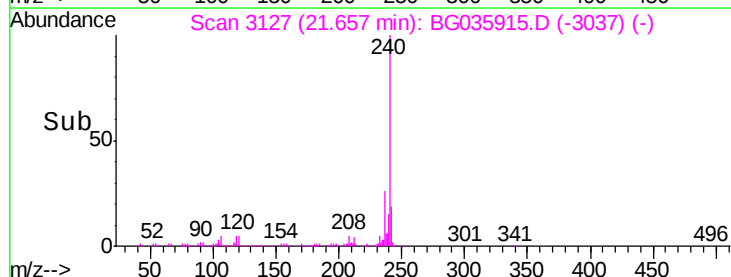
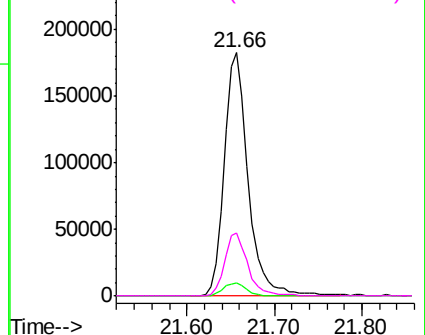
236 25.7 20.9 31.3

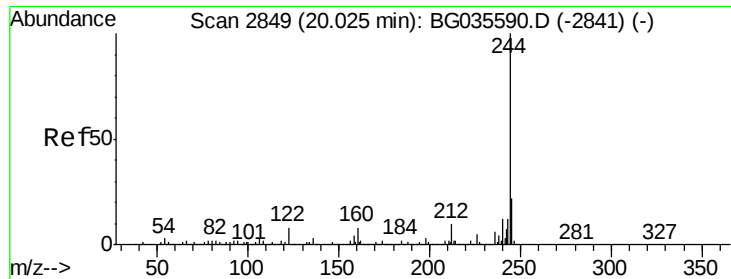


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.195 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035915.D

Acq: 26 Jul 2018 19:12

Instrument :

BNA_G

ClientSampleId :

PB111449BL

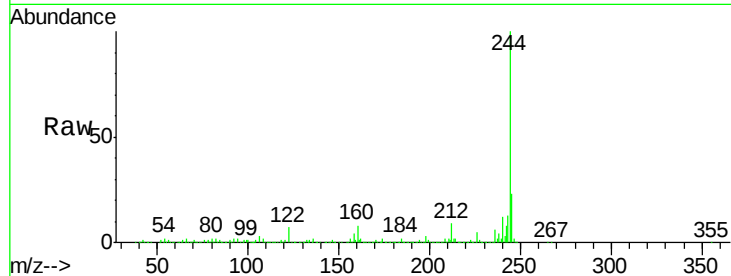
Tgt Ion:244 Resp: 1406179

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

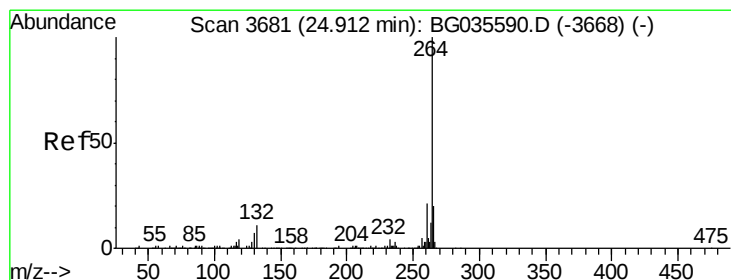
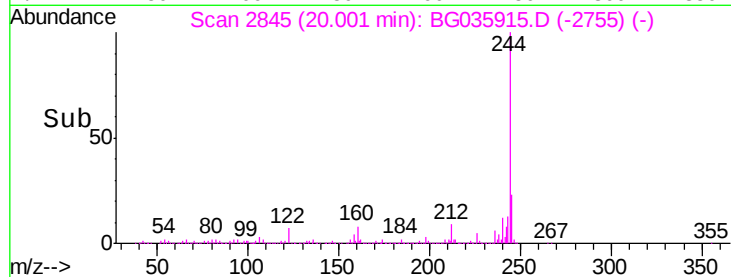
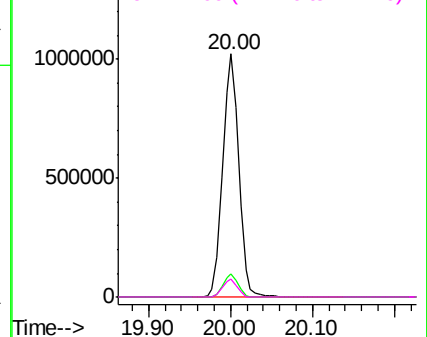
122 7.3 7.0 10.4



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: 24.85 min Scan# 3671

Delta R.T. -0.01 min

Lab File: BG035915.D

Acq: 26 Jul 2018 19:12

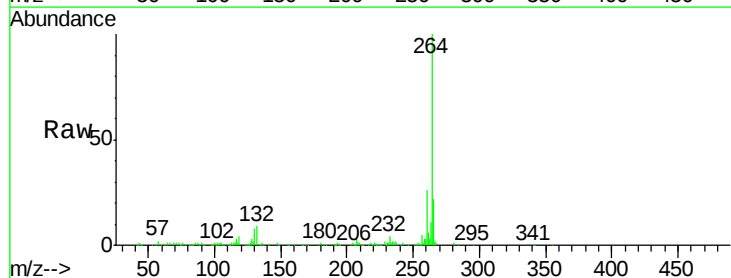
Tgt Ion:264 Resp: 315967

Ion Ratio Lower Upper

264 100

260 26.3 17.4 26.0#

265 21.9 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

