

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
 Data File : BG035626.D
 Acq On : 13 Jul 2018 12:56
 Operator : JU/SJ
 Sample : PB111084BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111084BL

Quant Time: Jul 13 16:55:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	33749	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	136064	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	98481	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	282953	20.00	ng	0.00
75) Chrysene-d12	21.68	240	325295	20.00	ng	0.00
86) Perylene-d12	24.90	264	298163	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	256650	126.26	ng	0.00
7) Phenol-d6	7.22	99	374657	123.53	ng	0.00
23) Nitrobenzene-d5	9.22	82	241610	74.18	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	149485	115.16	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	554009	75.37	ng	0.00
78) Terphenyl-d14	20.02	244	1181318	80.05	ng	0.00

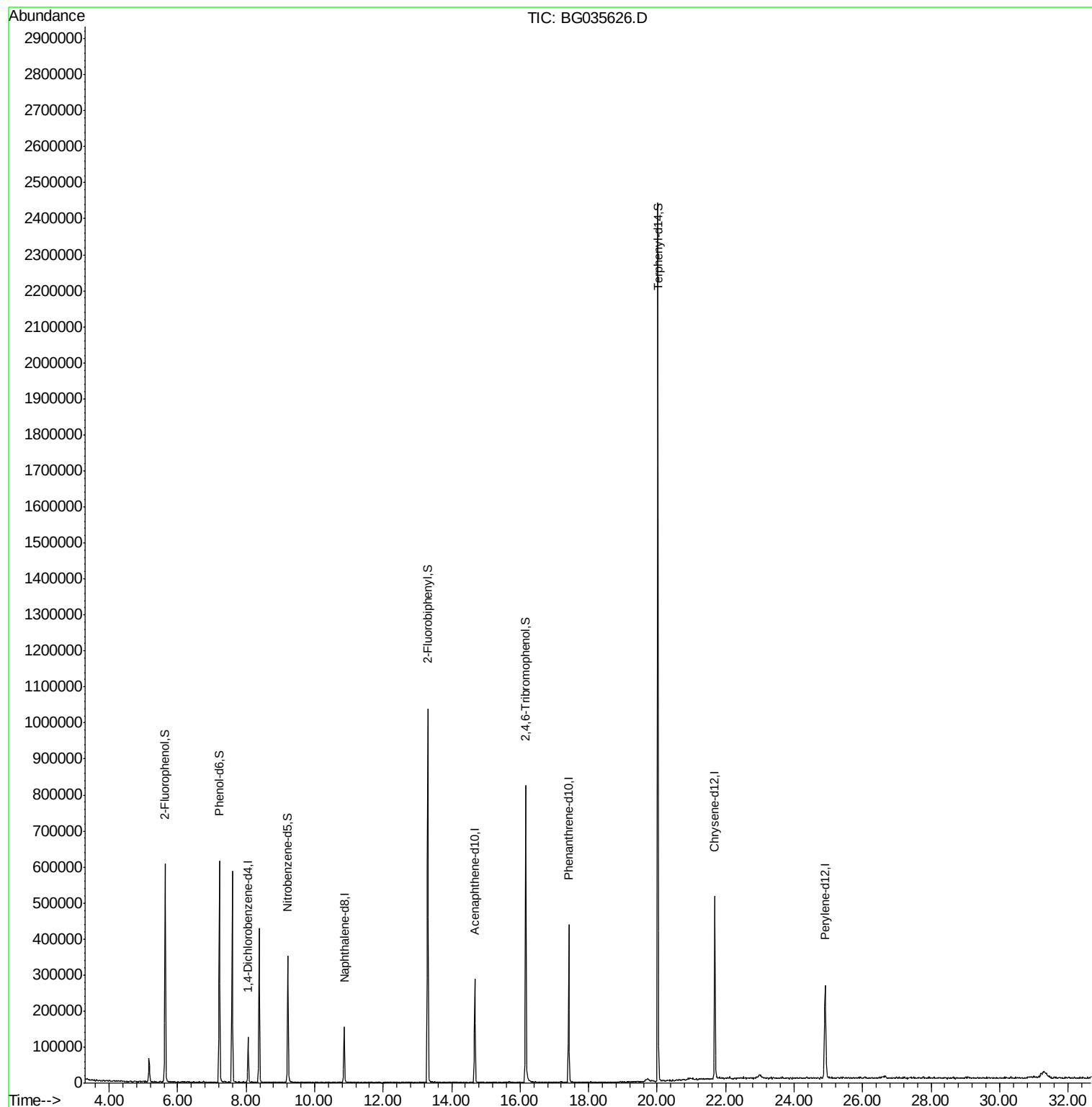
Target Compounds Qvalue

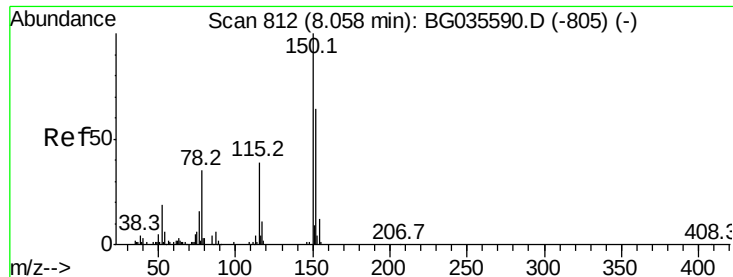
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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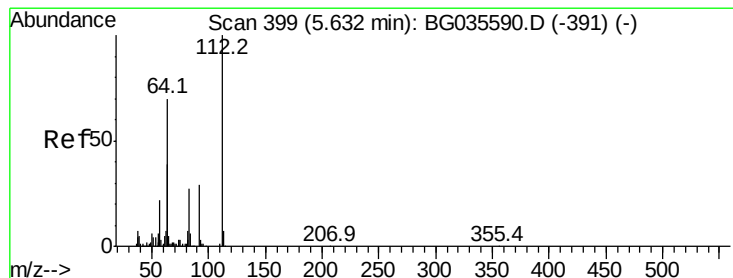
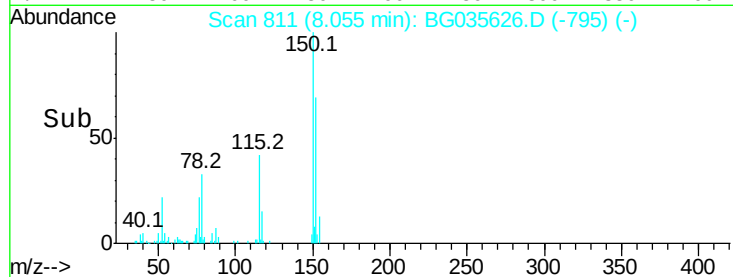
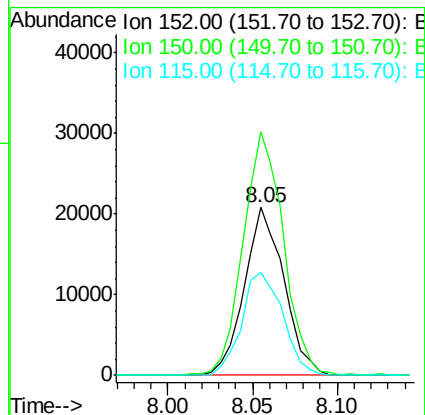
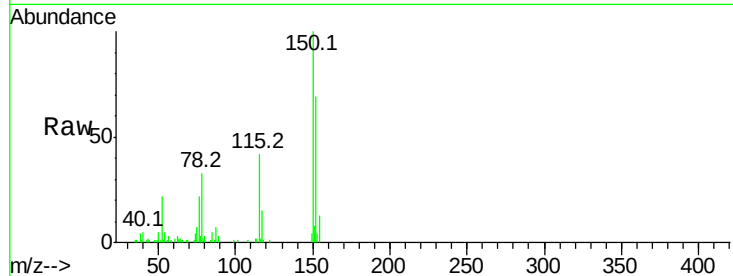


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG035626.D
Acq: 13 Jul 2018 12:56

Instrument :
BNA_G
ClientSampleId :
PB111084BL

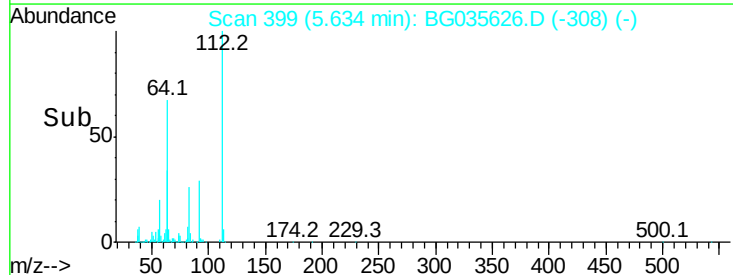
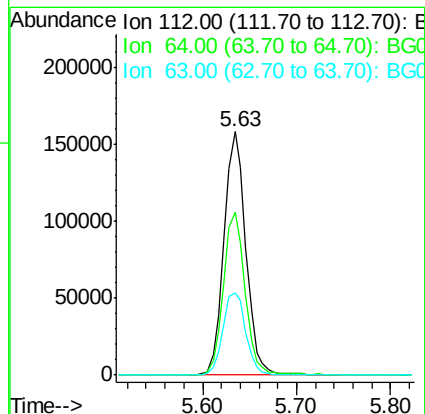
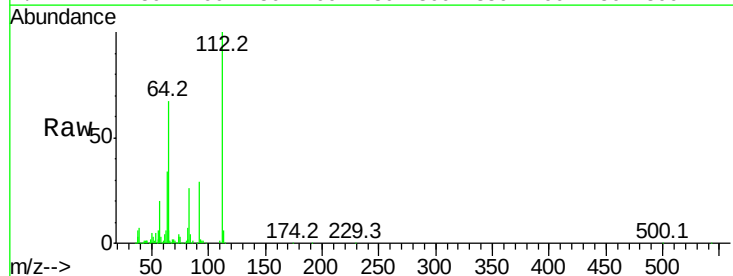
Tot Ion:152 Resp: 33749
Ion Ratio Lower Upper
152 100
150 145.1 126.6 189.8
115 61.0 53.0 79.4

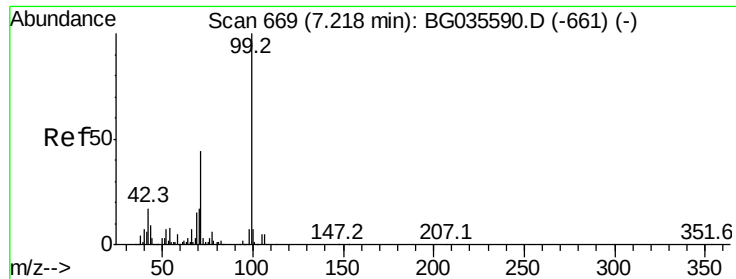


#5

2-Fluorophenol
Concen: 126.255 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG035626.D
Acq: 13 Jul 2018 12:56

Tgt Ion:112 Resp: 256650
Ion Ratio Lower Upper
112 100
64 66.9 56.3 84.5
63 33.9 30.1 45.1





#7

Phenol-d6

Concen: 123.531 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035626.D

Acq: 13 Jul 2018 12:56

Instrument :

BNA_G

ClientSampleId :

PB111084BL

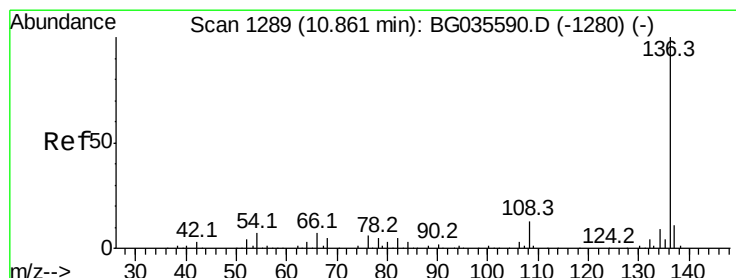
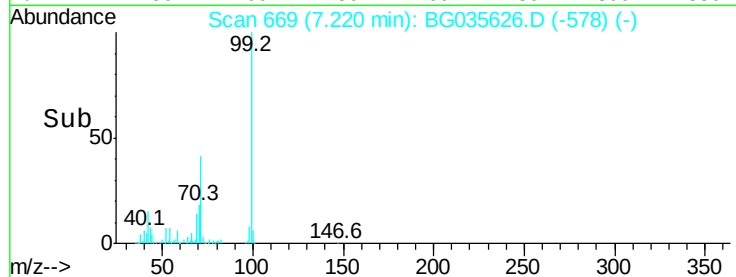
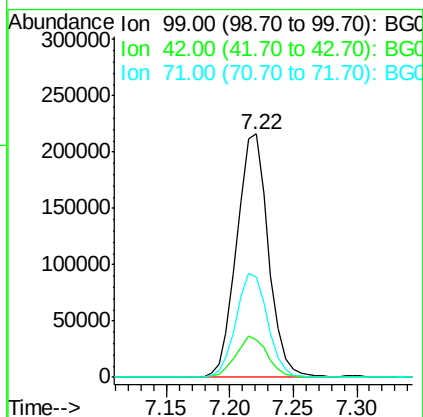
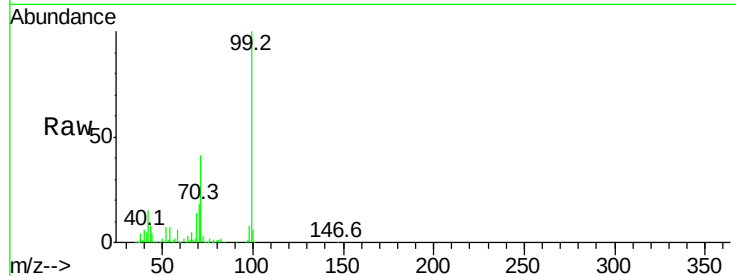
Tot Ion: 99 Resp: 374657

Ion Ratio Lower Upper

99 100

42 15.4 14.1 21.1

71 41.0 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BG035626.D

Acq: 13 Jul 2018 12:56

Tgt Ion: 136 Resp: 136064

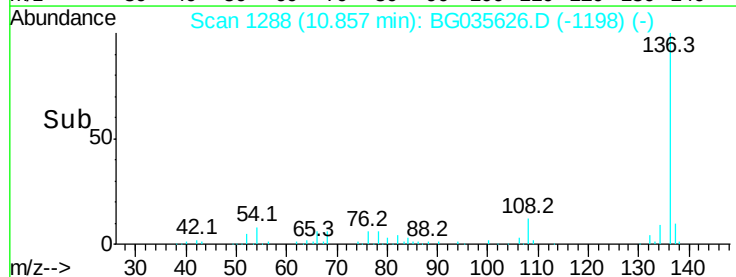
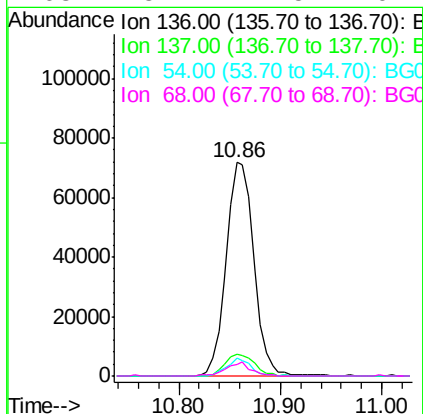
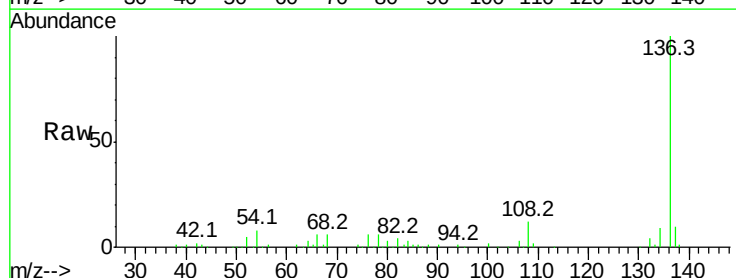
Ion Ratio Lower Upper

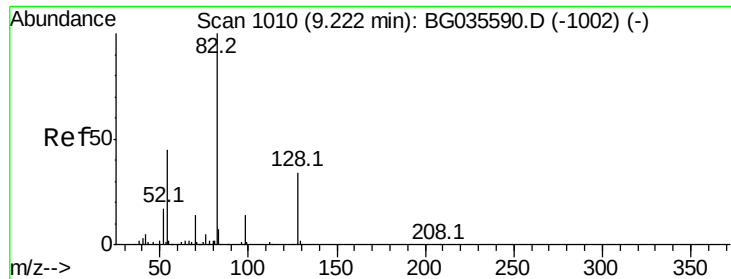
136 100

137 10.2 9.2 13.8

54 8.5 10.3 15.5#

68 5.7 4.5 6.7

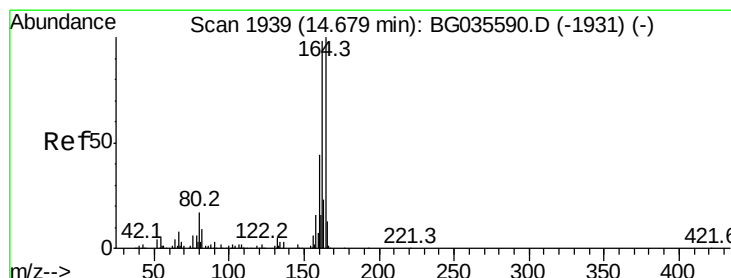
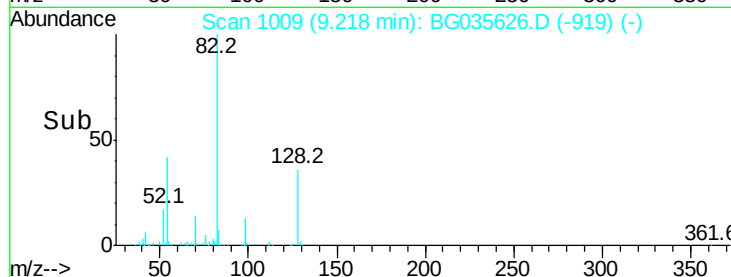
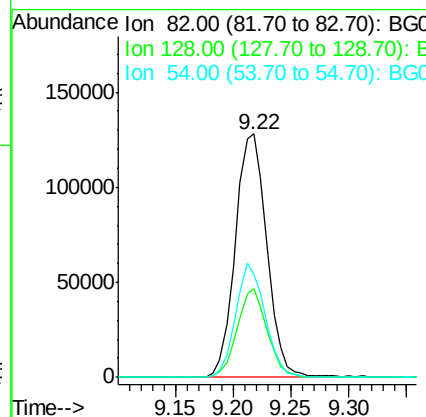
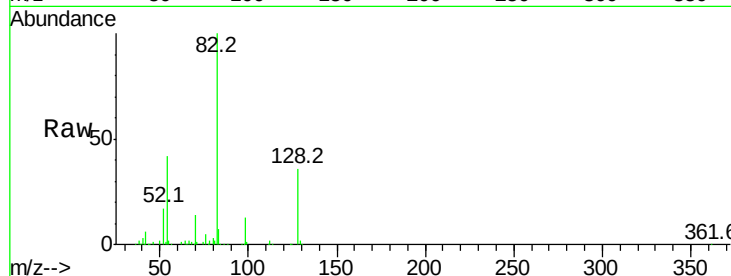




#23
 Nitrobenzene-d5
 Concen: 74.180 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG035626.D
 Acq: 13 Jul 2018 12:56

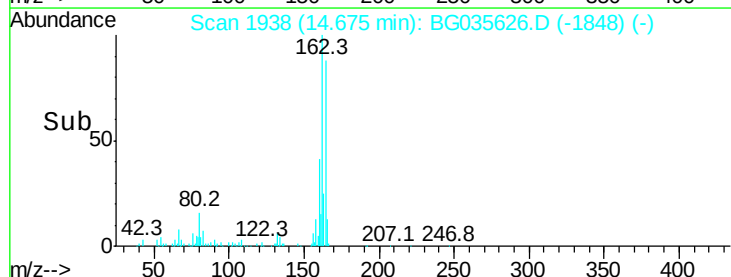
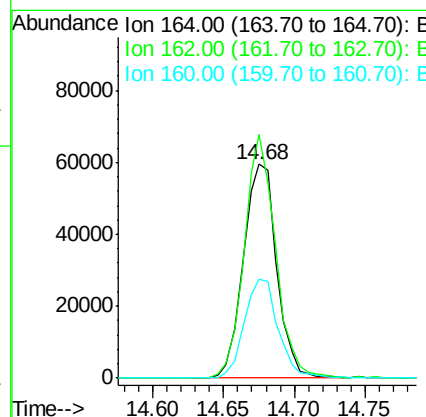
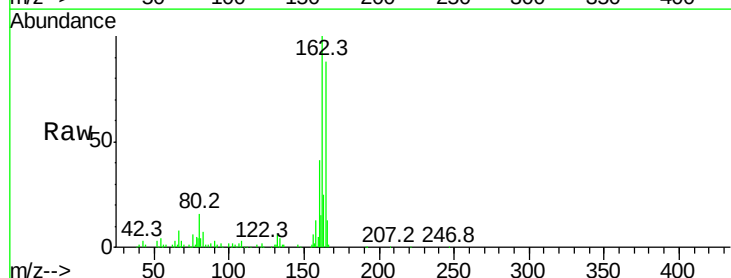
Instrument :
 BNA_G
 ClientSampleId :
 PB111084BL

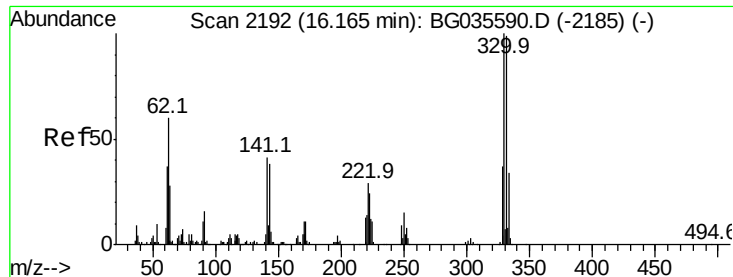
Tot Ion: 82 Resp: 241610
 Ion Ratio Lower Upper
 82 100
 128 36.4 29.7 44.5
 54 42.4 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: BG035626.D
 Acq: 13 Jul 2018 12:56

Tgt Ion: 164 Resp: 98481
 Ion Ratio Lower Upper
 164 100
 162 114.0 78.8 118.2
 160 46.2 35.4 53.0

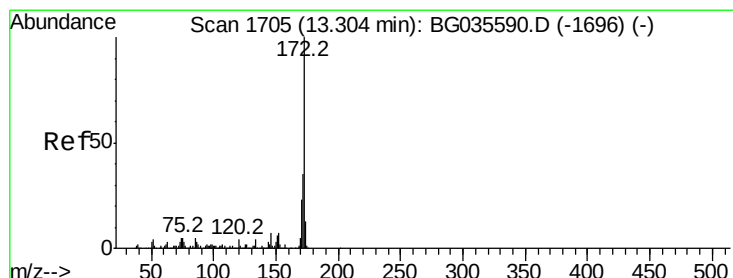
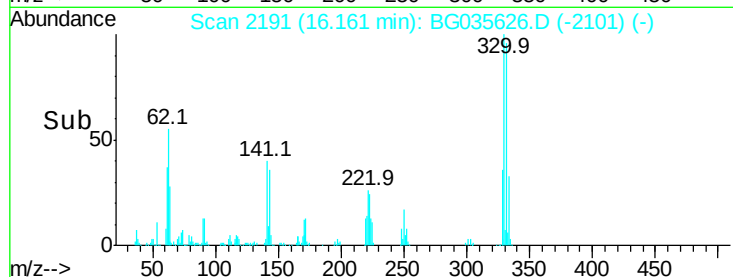
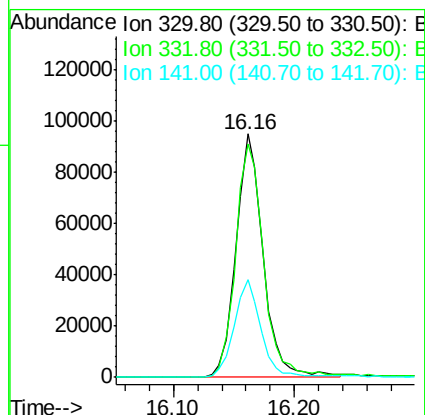
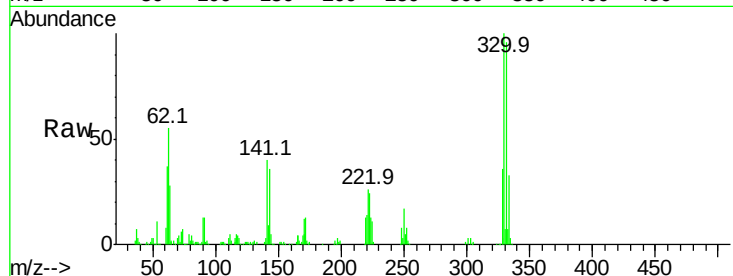




#41
2,4,6-Tribromophenol
Concen: 115.162 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BG035626.D
Acq: 13 Jul 2018 12:56

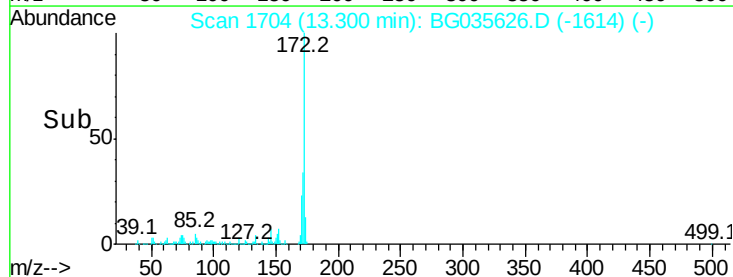
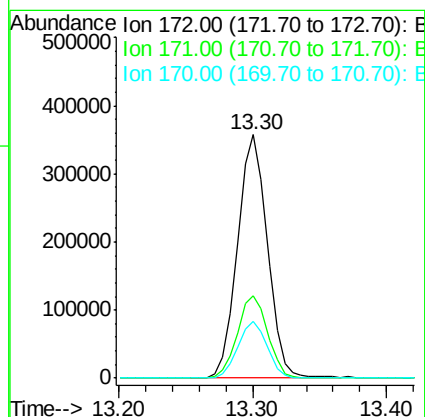
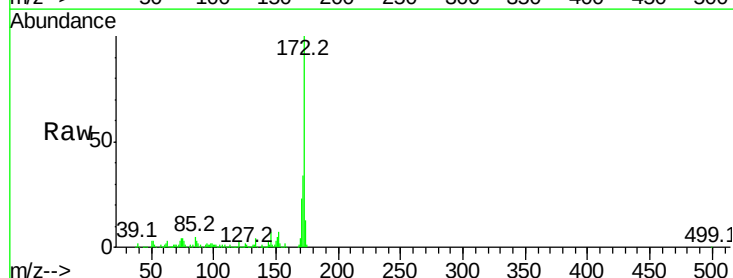
Instrument :
BNA_G
ClientSampleId :
PB111084BL

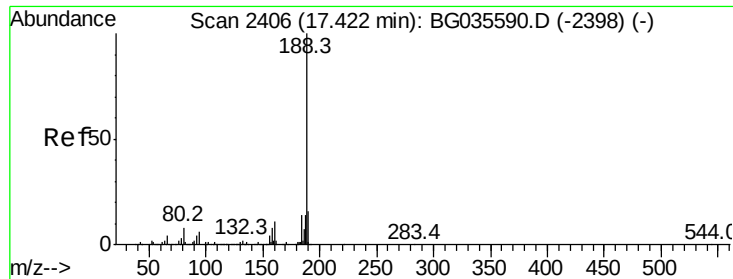
Tot Ion:330 Resp: 149485
Ion Ratio Lower Upper
330 100
332 99.5 77.0 115.6
141 39.6 25.2 37.8#



#44
2-Fluorobiphenyl
Concen: 75.368 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.00 min
Lab File: BG035626.D
Acq: 13 Jul 2018 12:56

Tgt Ion:172 Resp: 554009
Ion Ratio Lower Upper
172 100
171 33.9 30.0 45.0
170 23.1 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BG035626.D

Acq: 13 Jul 2018 12:56

Instrument :

BNA_G

ClientSampleId :

PB111084BL

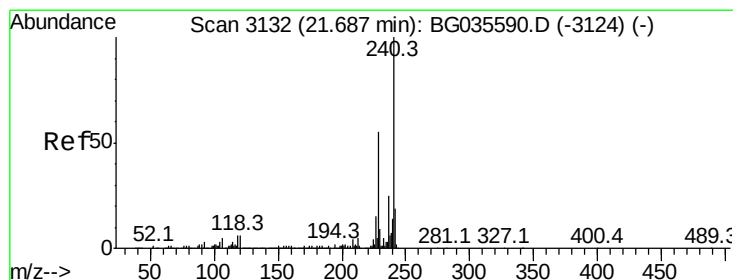
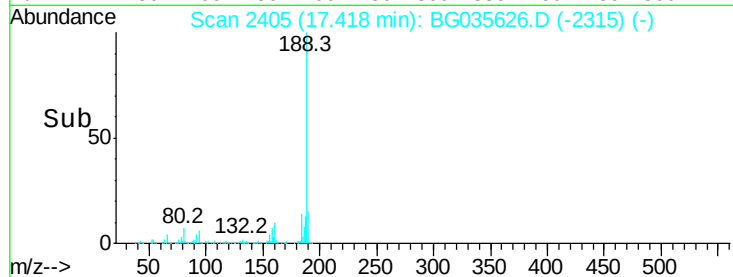
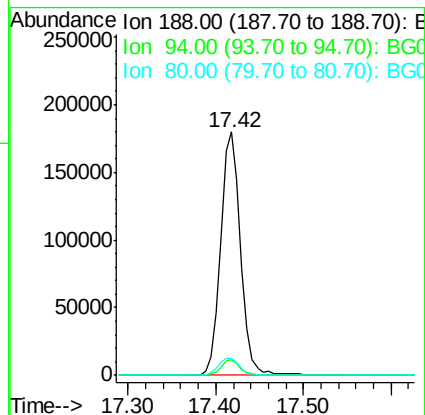
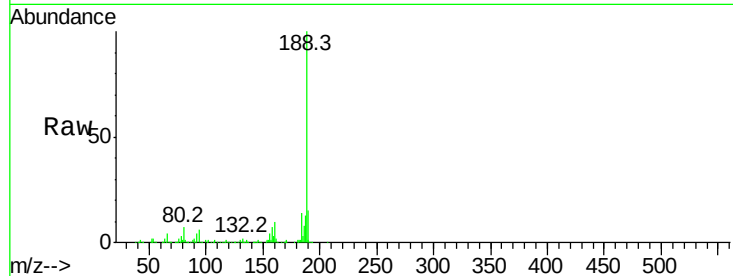
Tot Ion:188 Resp: 282953

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

80 7.2 7.7 11.5#



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG035626.D

Acq: 13 Jul 2018 12:56

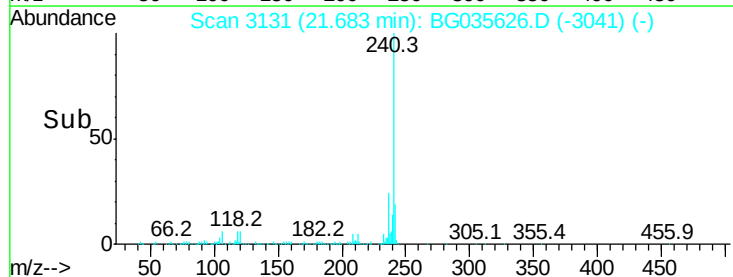
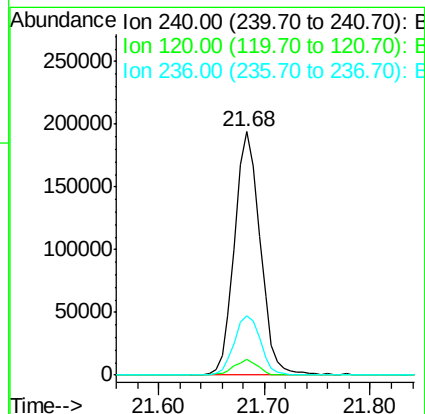
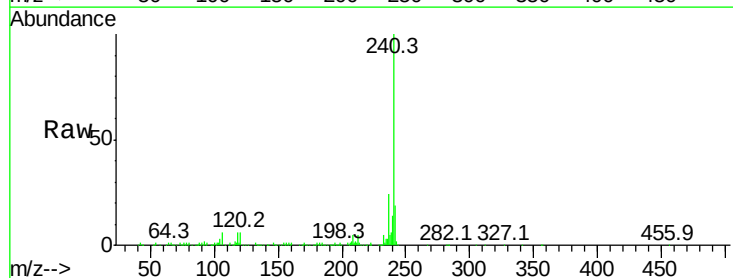
Tgt Ion:240 Resp: 325295

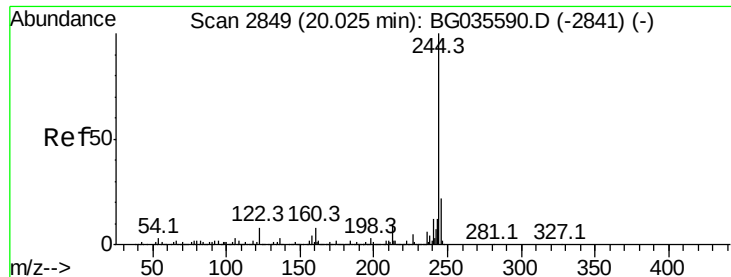
Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

236 24.4 20.9 31.3





#78

Terphenyl-d14

Concen: 80.050 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG035626.D

Acq: 13 Jul 2018 12:56

Instrument :

BNA_G

ClientSampled :

PB111084BL

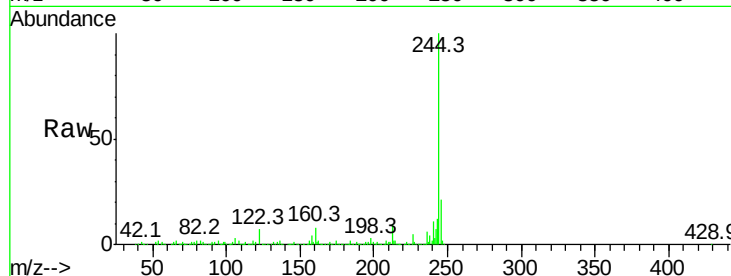
Tot Ion:244 Resp: 1181318

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

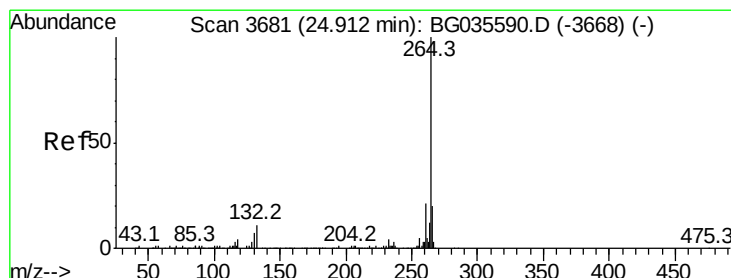
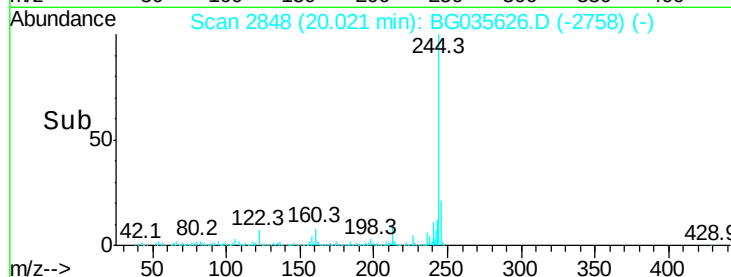
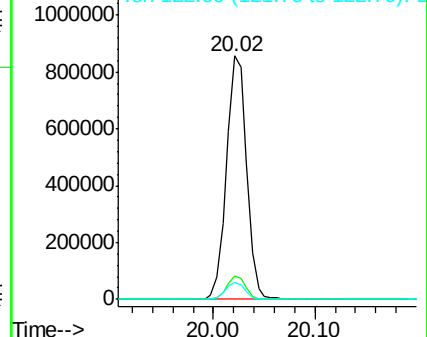
122 7.1 7.0 10.4



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: 24.90 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BG035626.D

Acq: 13 Jul 2018 12:56

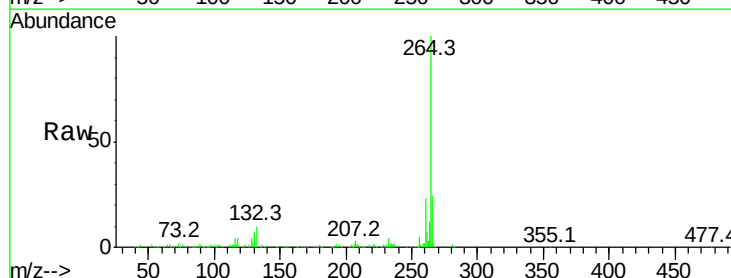
Tgt Ion:264 Resp: 298163

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 23.8 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

