

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035914.D
Acq On : 26 Jul 2018 18:33
Operator : JU/SJ
Sample : PB111441BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111441BL

Quant Time: Jul 27 02:00:46 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	36943	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	141550	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	112076	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	338874	20.00	ng	0.00
75) Chrysene-d12	21.66	240	370010	20.00	ng	0.00
86) Perylene-d12	24.86	264	340773	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	276329	124.18	ng	0.00
7) Phenol-d6	7.19	99	393625	118.56	ng	0.00
23) Nitrobenzene-d5	9.18	82	250075	73.80	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	197157	133.46	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	636439	76.08	ng	0.00
78) Terphenyl-d14	20.00	244	1355849	80.77	ng	0.00

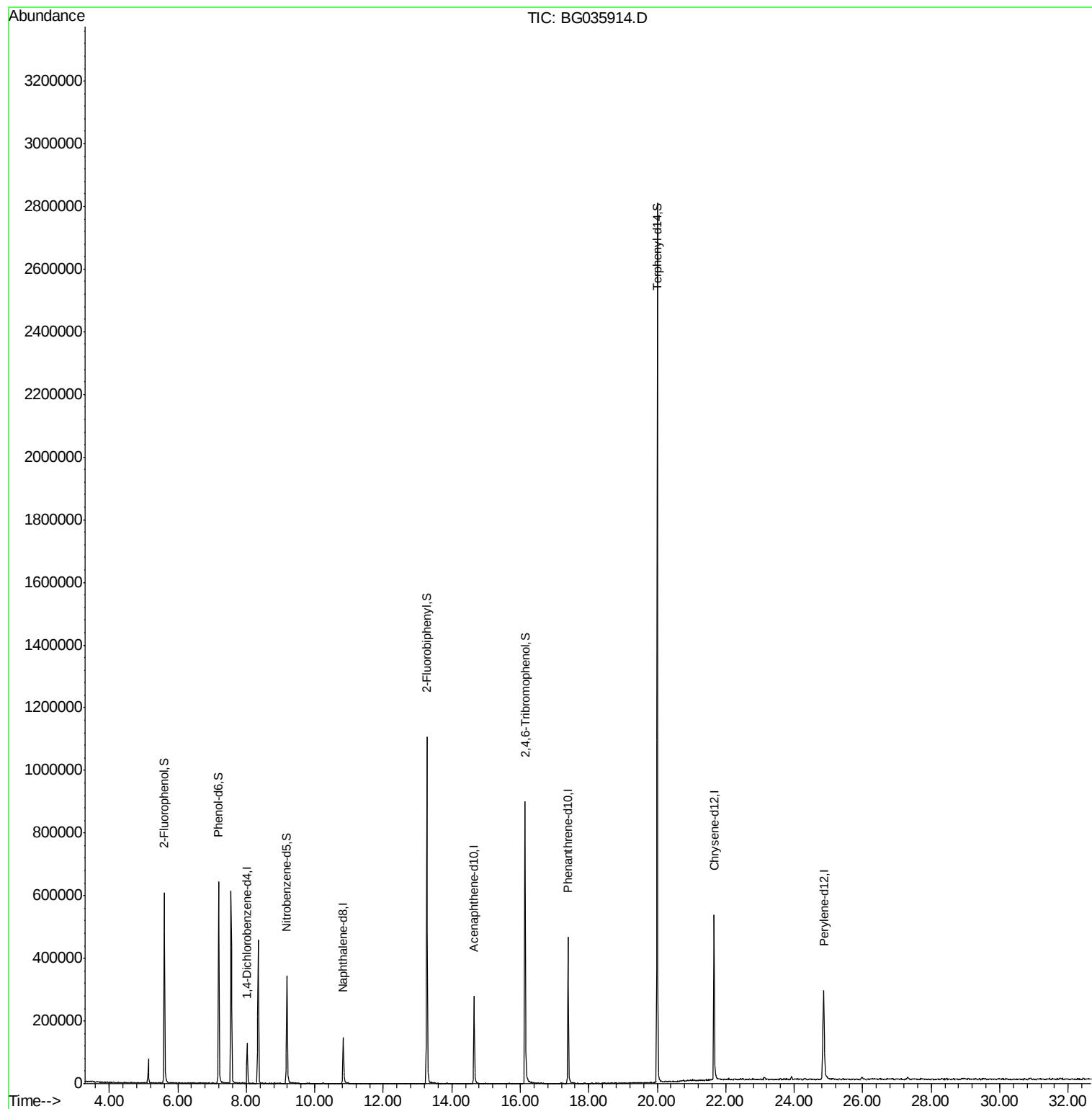
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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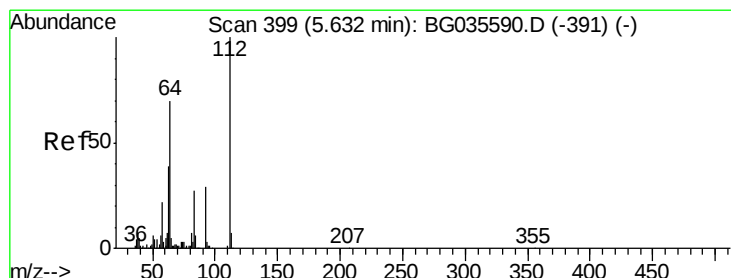
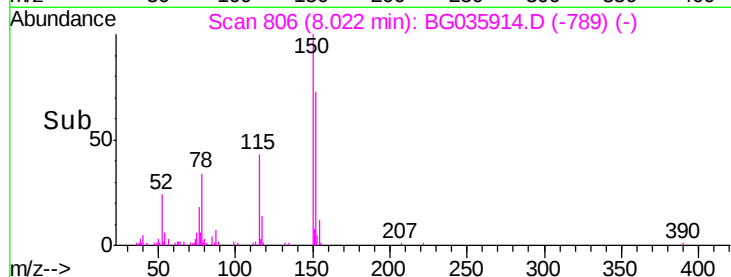
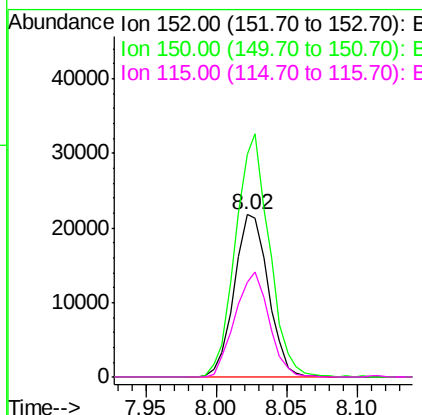
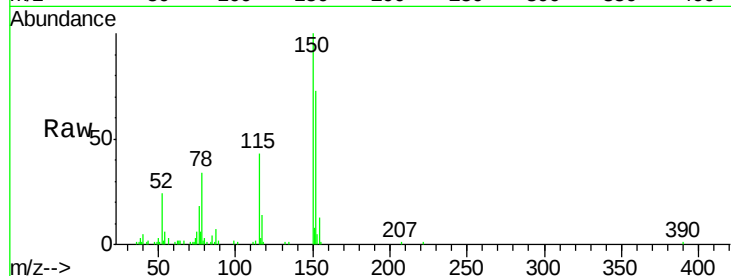


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035914.D
Acq: 26 Jul 2018 18:33

Instrument :
BNA_G
ClientSampleId :
PB111441BL

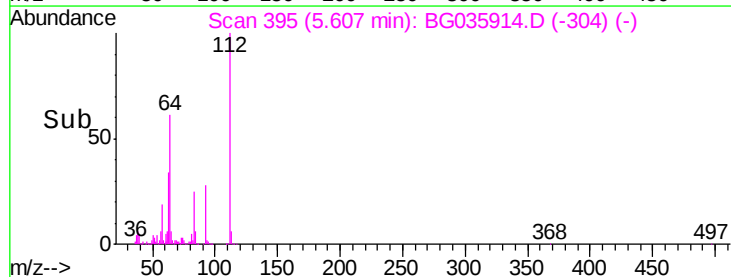
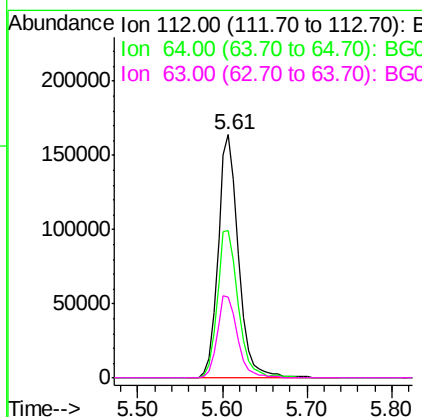
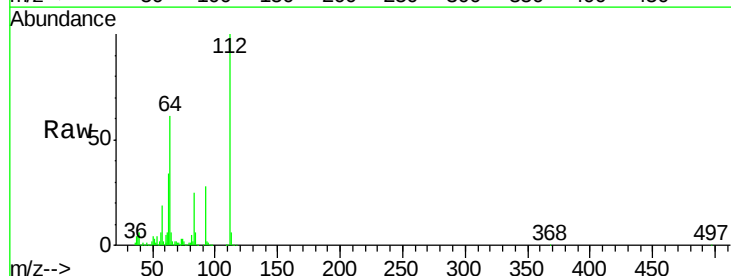
Tgt Ion:152 Resp: 36943
Ion Ratio Lower Upper
152 100
150 137.3 126.6 189.8
115 58.6 53.0 79.4



#5

2-Fluorophenol
Concen: 124.183 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035914.D
Acq: 26 Jul 2018 18:33

Tgt Ion:112 Resp: 276329
Ion Ratio Lower Upper
112 100
64 60.7 56.3 84.5
63 33.6 30.1 45.1





#7

Phenol-d6

Concen: 118.564 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035914.D

Acq: 26 Jul 2018 18:33

Instrument :

BNA_G

ClientSampleId :

PB111441BL

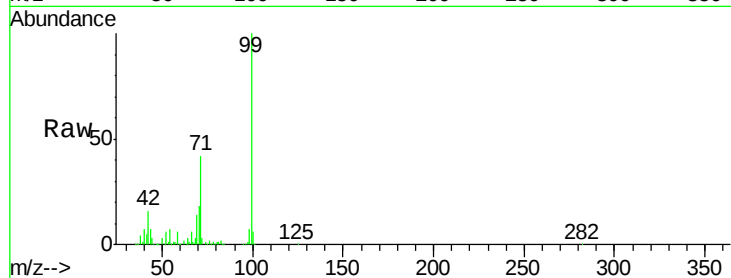
Tgt Ion: 99 Resp: 393625

Ion Ratio Lower Upper

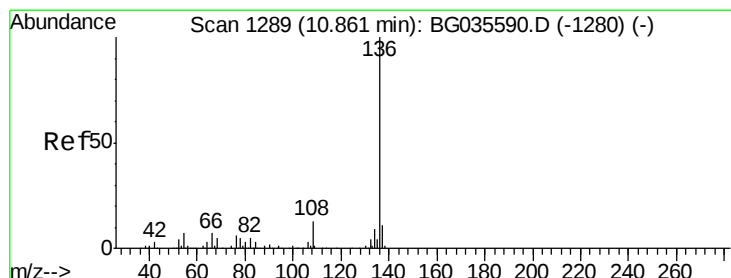
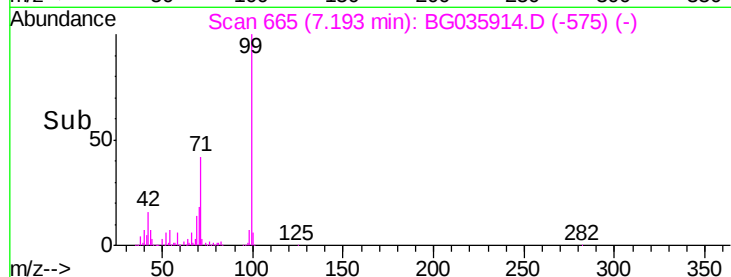
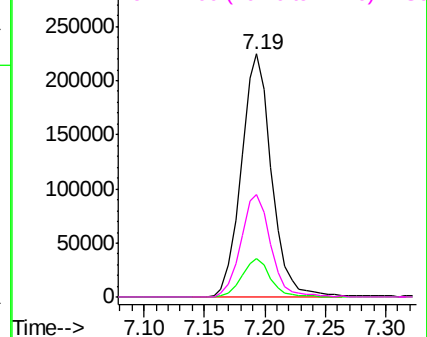
99 100

42 15.7 14.1 21.1

71 42.4 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: BG035914.D

Acq: 26 Jul 2018 18:33

Tgt Ion: 136 Resp: 141550

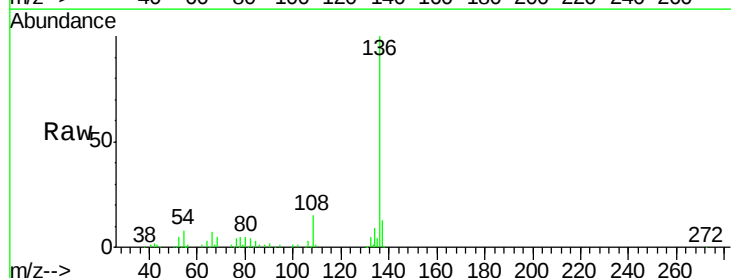
Ion Ratio Lower Upper

136 100

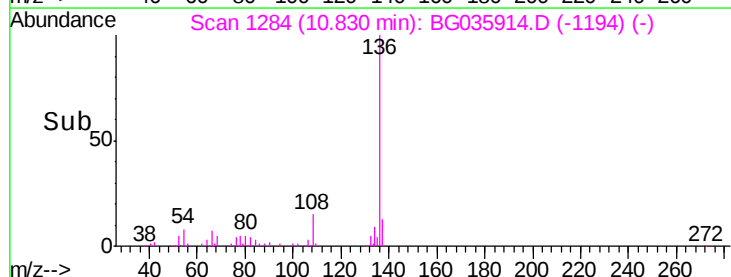
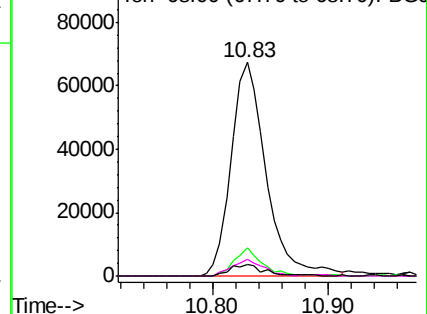
137 13.1 9.2 13.8

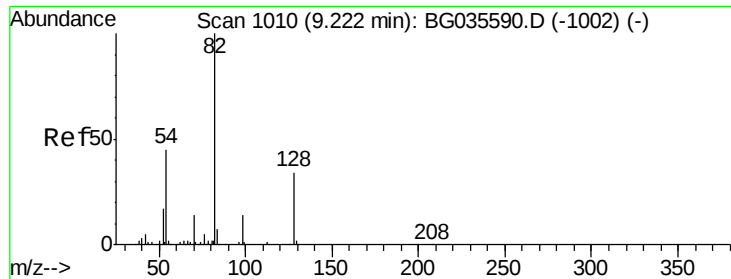
54 7.6 10.3 15.5#

68 5.1 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

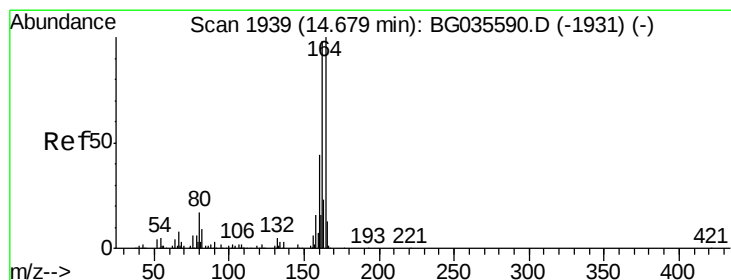
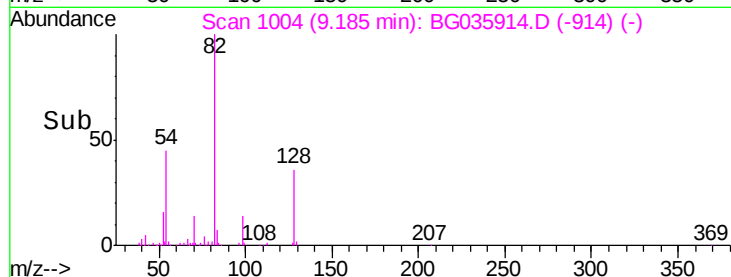
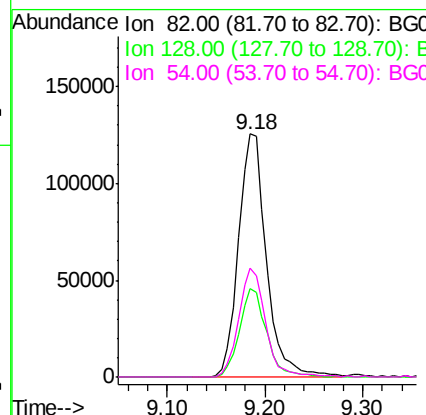
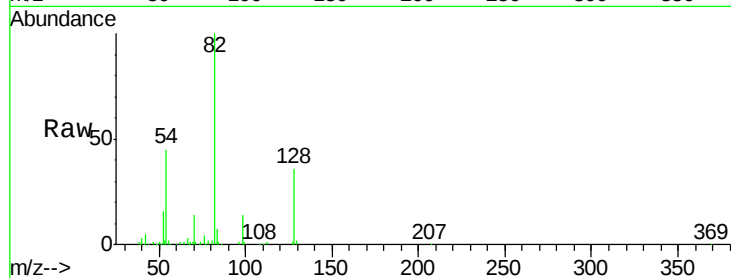




#23
 Nitrobenzene-d5
 Concen: 73.803 ng
 RT: 9.18 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG035914.D
 Acq: 26 Jul 2018 18:33

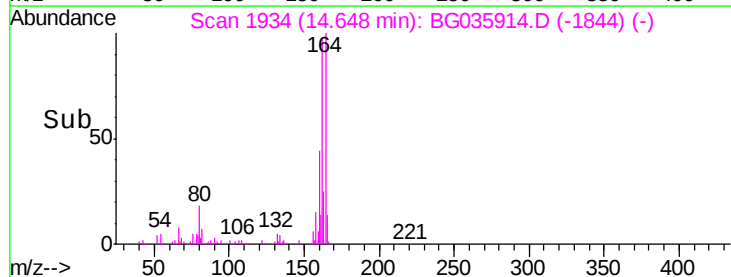
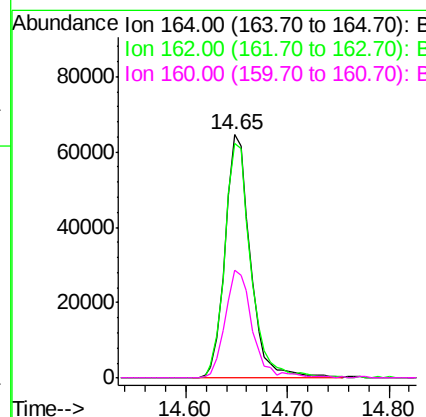
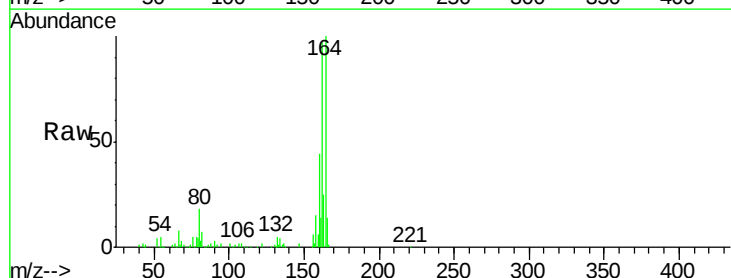
Instrument :
 BNA_G
 ClientSampleId :
 PB111441BL

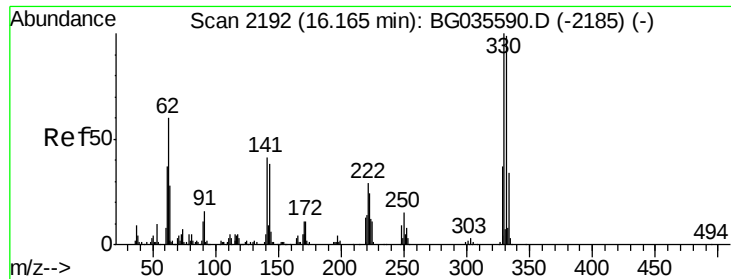
Tgt Ion: 82 Resp: 250075
 Ion Ratio Lower Upper
 82 100
 128 36.3 29.7 44.5
 54 44.7 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG035914.D
 Acq: 26 Jul 2018 18:33

Tgt Ion: 164 Resp: 112076
 Ion Ratio Lower Upper
 164 100
 162 96.5 78.8 118.2
 160 44.2 35.4 53.0

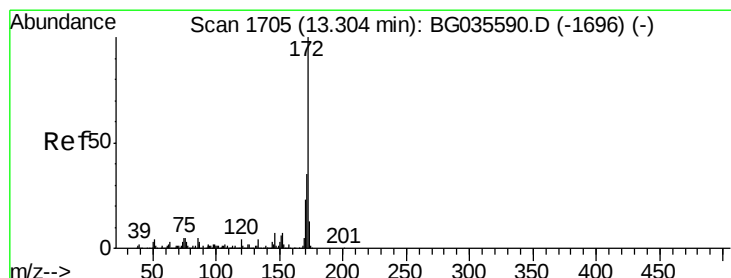
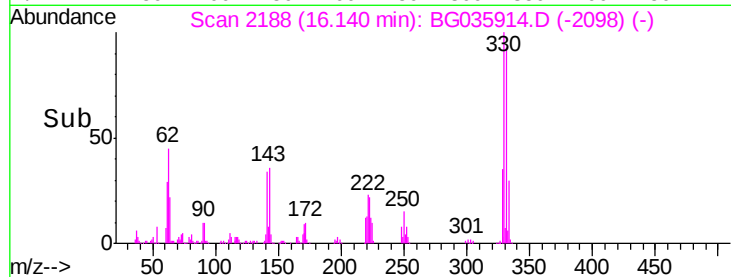
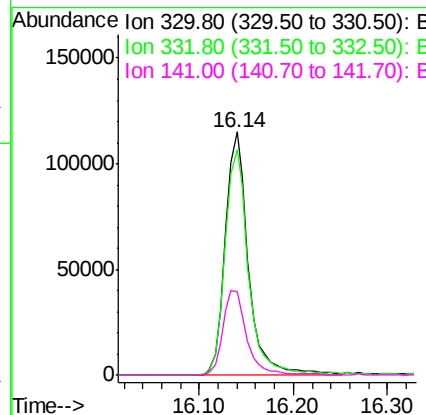
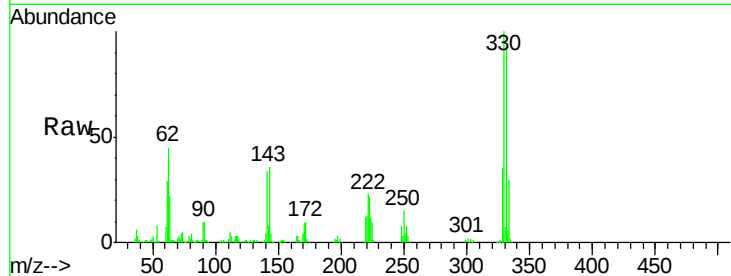




#41
 2,4,6-Tribromophenol
 Concen: 133.464 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG035914.D
 Acq: 26 Jul 2018 18:33

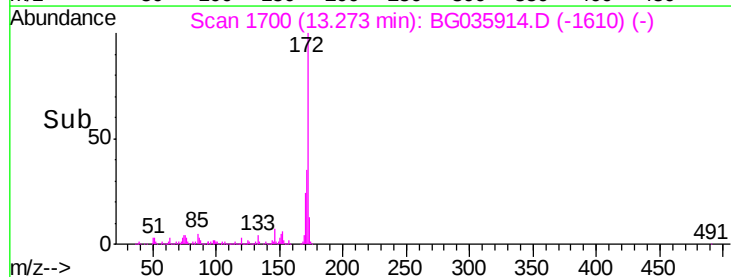
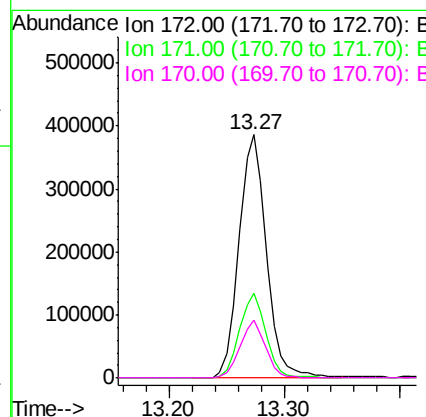
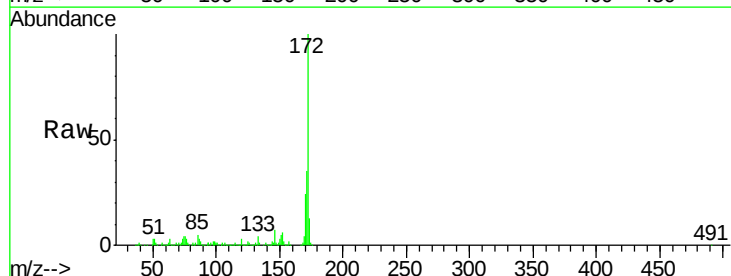
Instrument :
 BNA_G
 ClientSampleId :
 PB111441BL

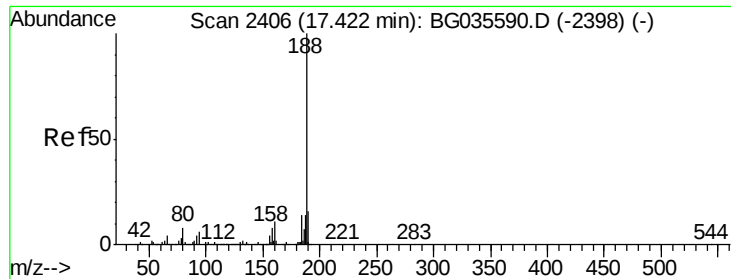
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	35.6	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 76.079 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035914.D
 Acq: 26 Jul 2018 18:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.0	45.0
170	23.9	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: BG035914.D

Acq: 26 Jul 2018 18:33

Instrument :

BNA_G

ClientSampleId :

PB111441BL

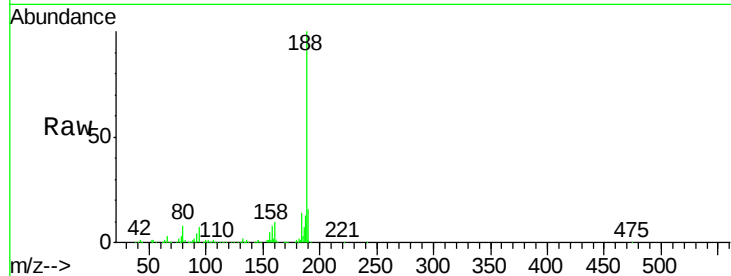
Tgt Ion:188 Resp: 338874

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

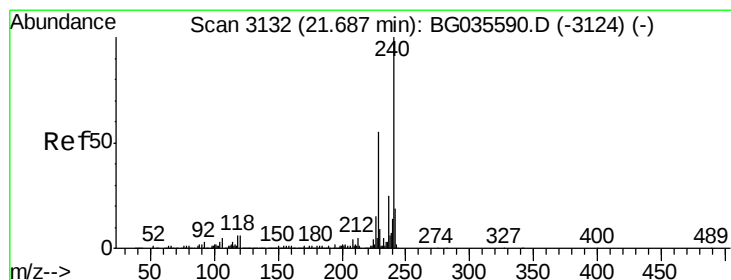
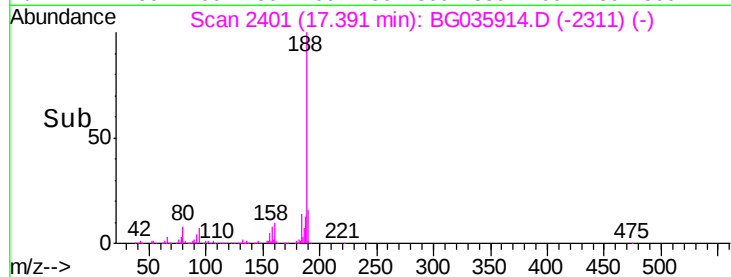
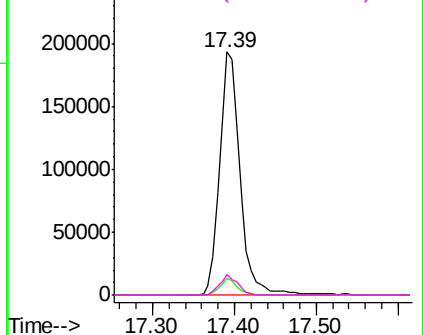
80 8.4 7.7 11.5



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: BG035914.D

Acq: 26 Jul 2018 18:33

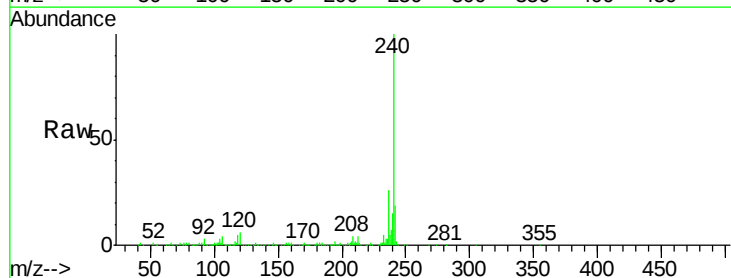
Tgt Ion:240 Resp: 370010

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

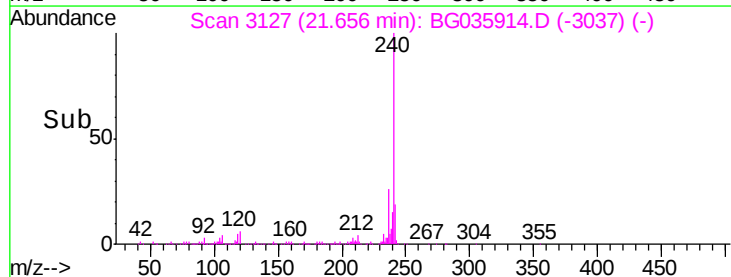
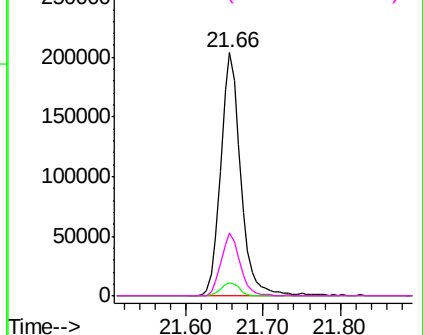
236 25.7 20.9 31.3

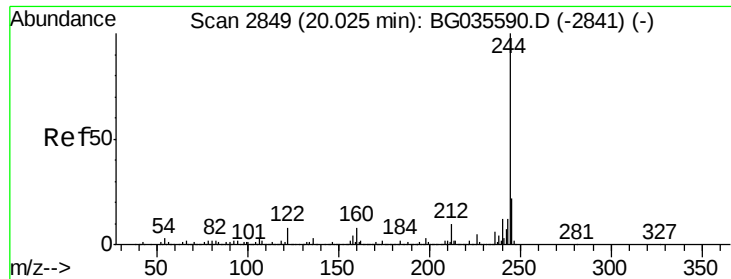


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.773 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035914.D

Acq: 26 Jul 2018 18:33

Instrument :

BNA_G

ClientSampleId :

PB111441BL

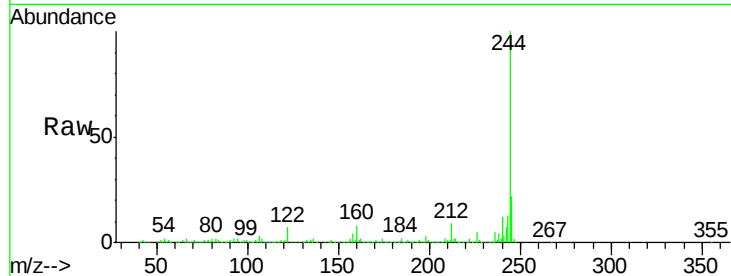
Tgt Ion:244 Resp: 1355849

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

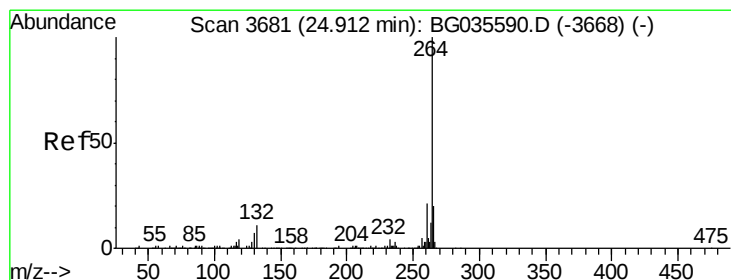
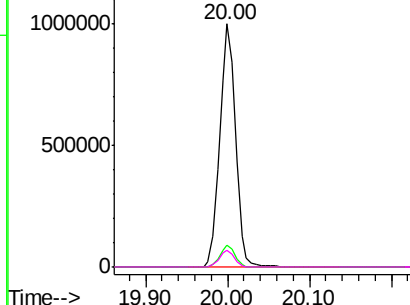
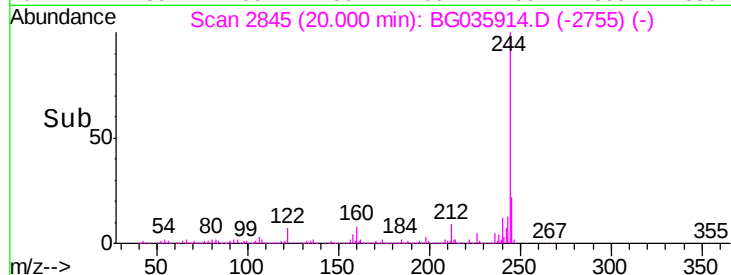
122 7.2 7.0 10.4



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# 3672

Delta R.T. -0.00 min

Lab File: BG035914.D

Acq: 26 Jul 2018 18:33

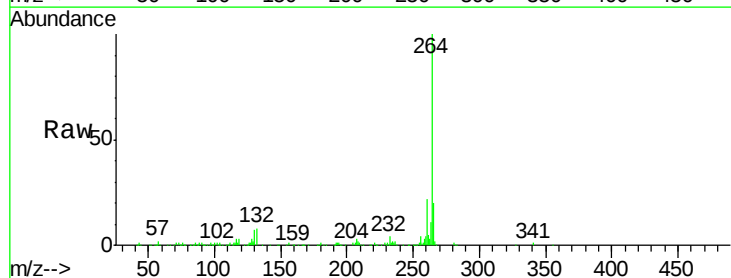
Tgt Ion:264 Resp: 340773

Ion Ratio Lower Upper

264 100

260 22.0 17.4 26.0

265 20.1 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

