

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
 Data File : BG035463.D
 Acq On : 28 Jun 2018 2:38
 Operator : JU/SJ
 Sample : J3695-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LIC-FIELDBLANK-1-06-20-18

Quant Time: Jun 28 05:49:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49476	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	181831	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	126990	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	342462	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	375427	20.00	ng	-0.04
86) Perylene-d12	24.91	264	352233	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	228318	77.88	ng	-0.01
7) Phenol-d6	7.21	99	204522	47.27	ng	-0.01
23) Nitrobenzene-d5	9.21	82	533865	139.56	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	373518	229.77	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1125413	115.21	ng	-0.03
78) Terphenyl-d14	20.02	244	2151328	120.03	ng	-0.02

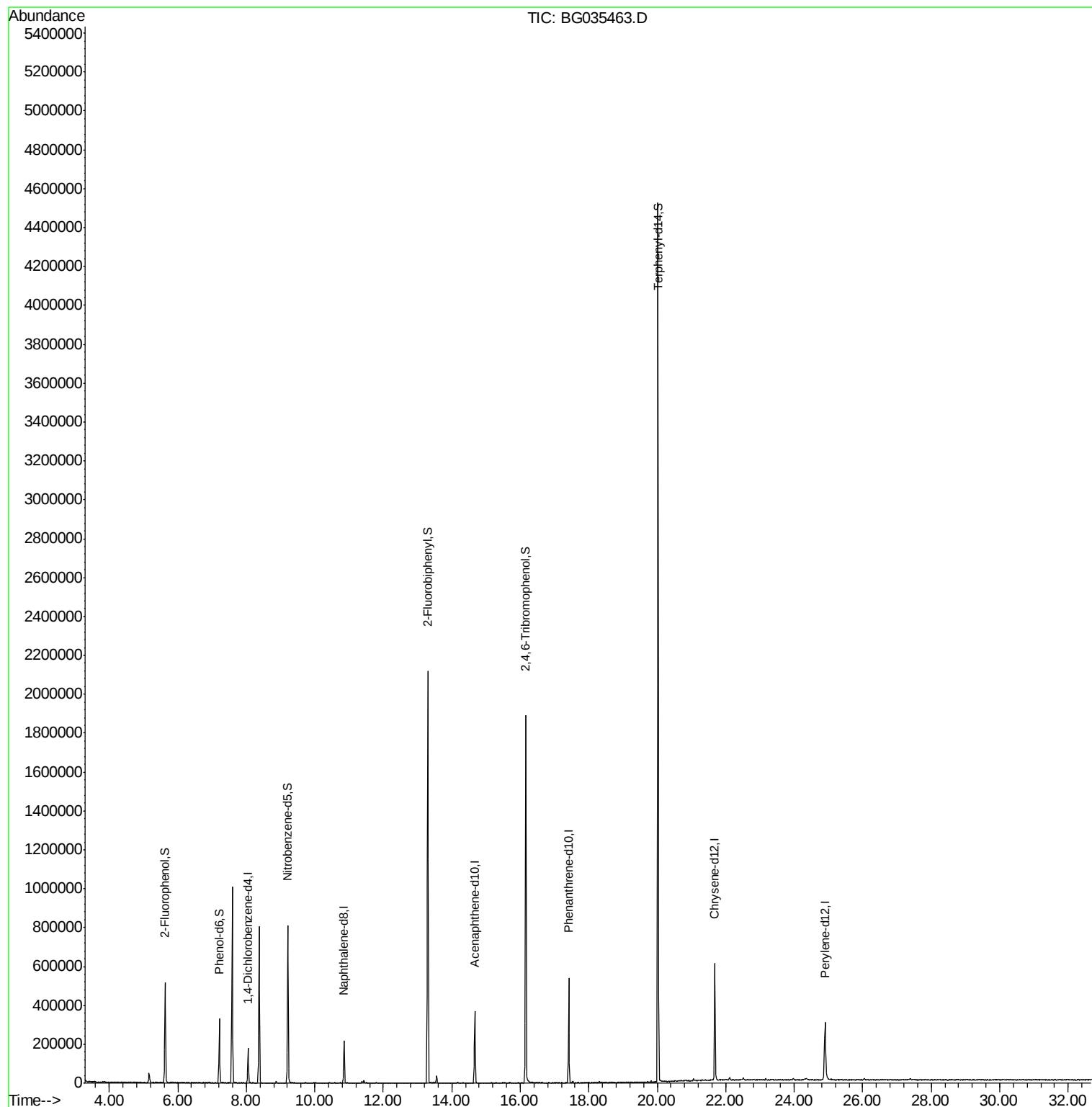
Target Compounds Qvalue

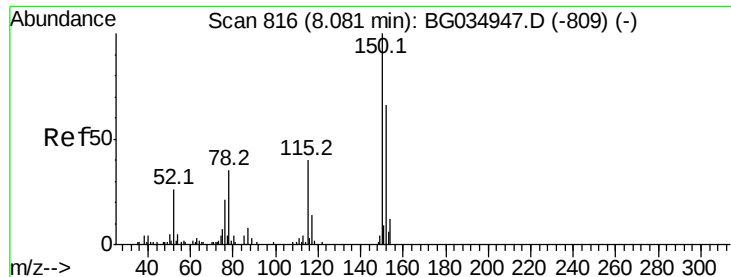
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 811

Delta R.T. -0.02 min

Lab File: BG035463.D

Acq: 28 Jun 2018 2:38

Instrument :

BNA_G

ClientSampleId :

LIC-FIELDBLANK-1-06-20-18

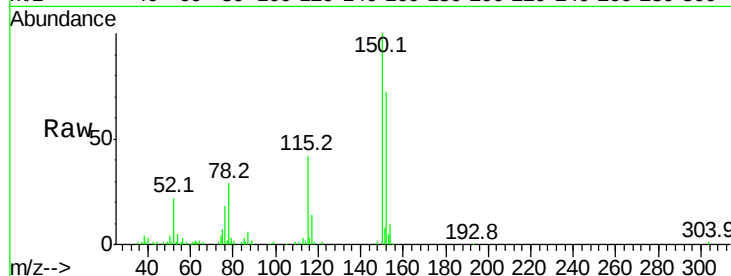
Tot Ion:152 Resp: 49476

Ion Ratio Lower Upper

152 100

150 139.4 126.6 189.8

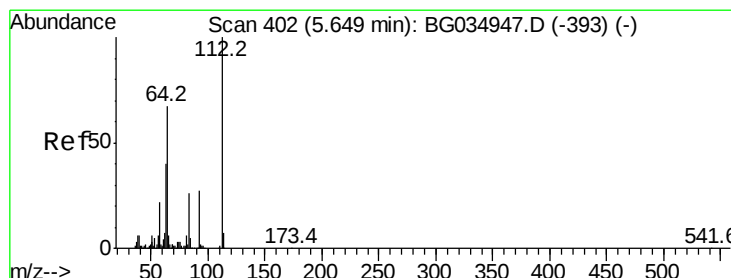
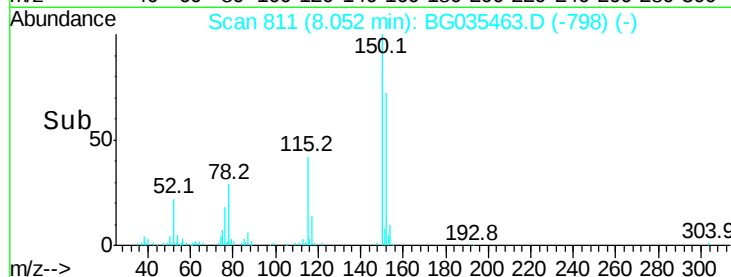
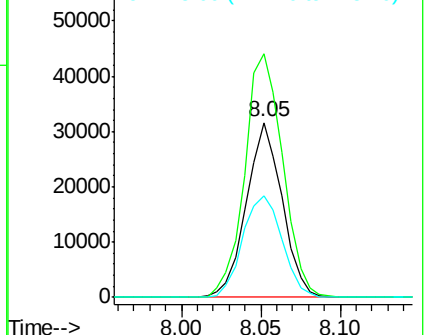
115 57.9 53.0 79.4



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: 77.878 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG035463.D

Acq: 28 Jun 2018 2:38

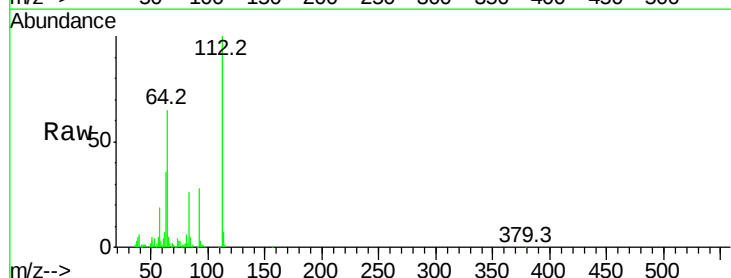
Tgt Ion:112 Resp: 228318

Ion Ratio Lower Upper

112 100

64 65.1 56.3 84.5

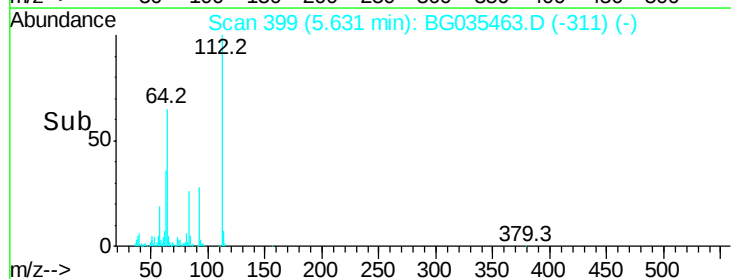
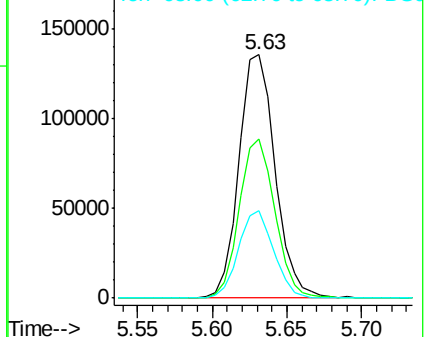
63 35.8 30.1 45.1

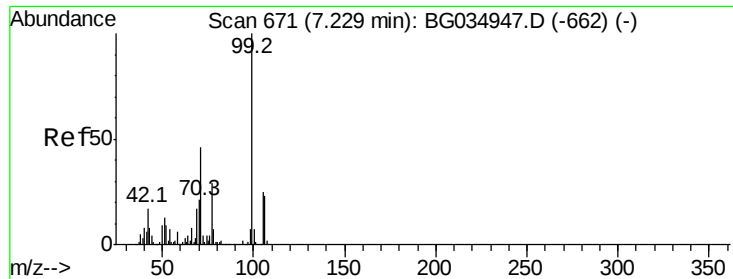


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 47.266 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035463.D

Acq: 28 Jun 2018 2:38

Instrument :

BNA_G

ClientSampleId :

LIC-FIELDBLANK-1-06-20-18

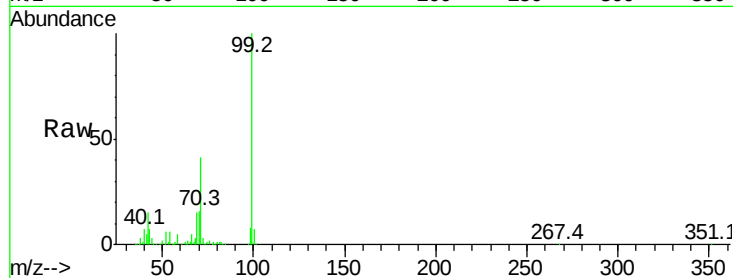
Tot Ion: 99 Resp: 204522

Ion Ratio Lower Upper

99 100

42 15.0 14.1 21.1

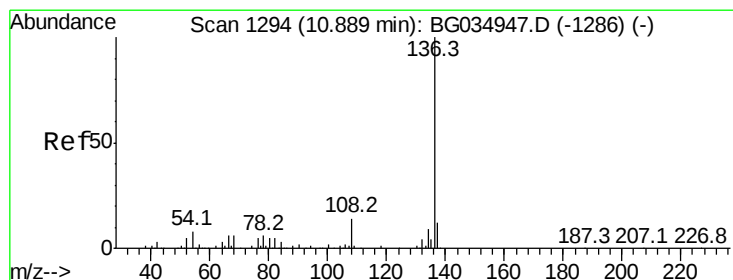
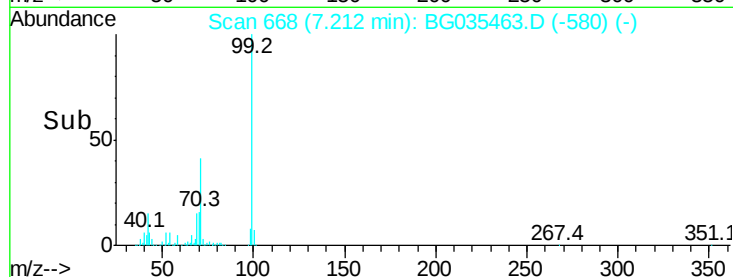
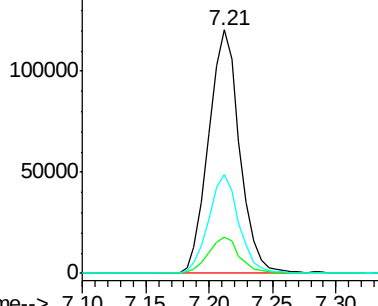
71 40.8 26.1 39.1#



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: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035463.D

Acq: 28 Jun 2018 2:38

Tgt Ion: 136 Resp: 181831

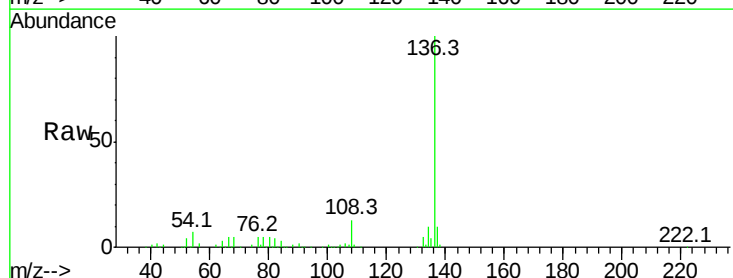
Ion Ratio Lower Upper

136 100

137 10.3 9.2 13.8

54 6.9 10.3 15.5#

68 5.1 4.5 6.7

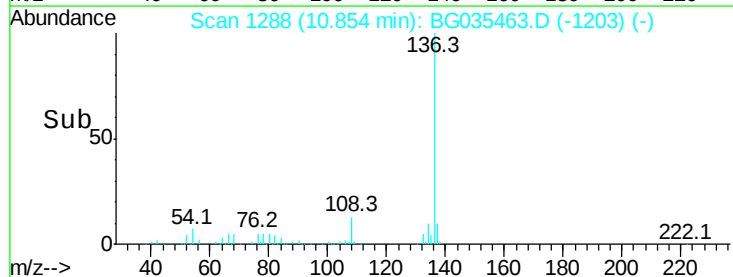
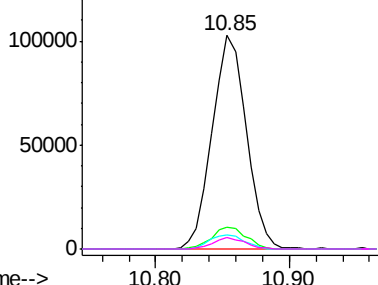


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

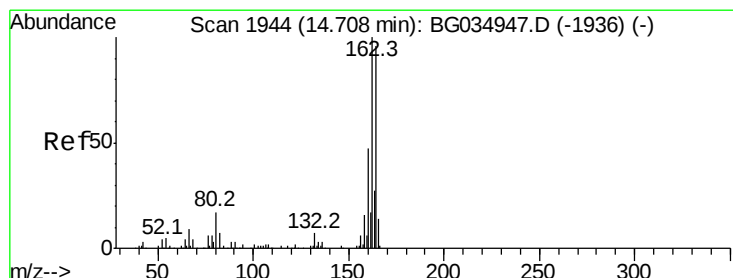
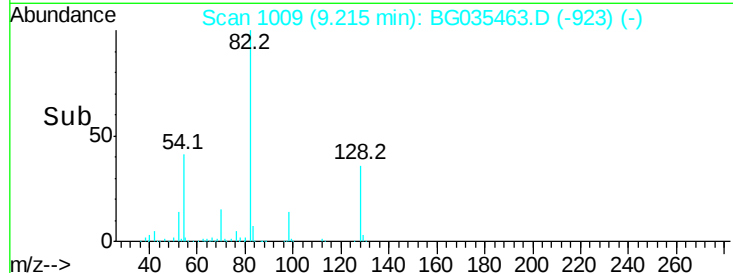
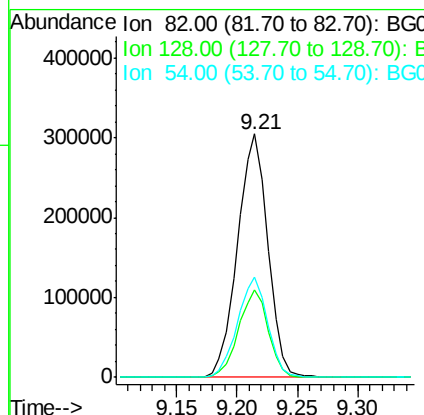
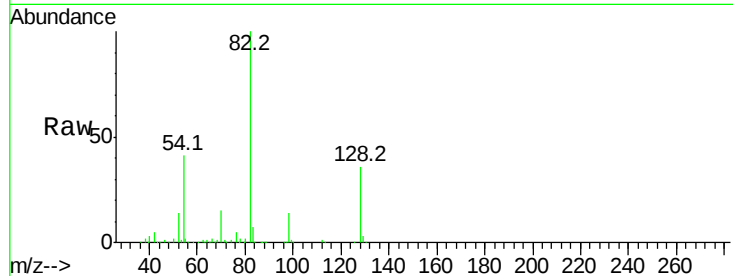




#23
 Nitrobenzene-d5
 Concen: 139.563 ng
 RT: 9.21 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035463.D
 Acq: 28 Jun 2018 2:38

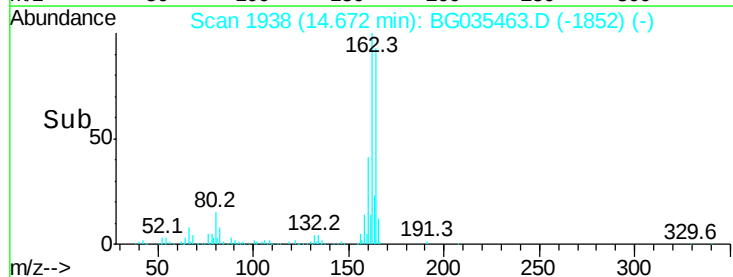
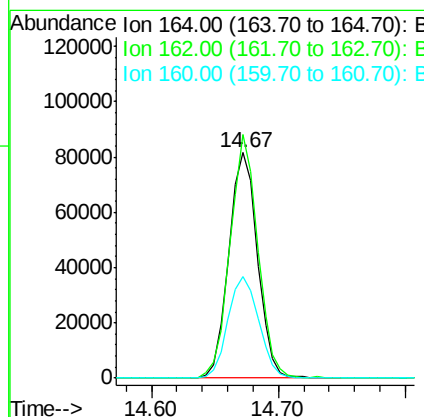
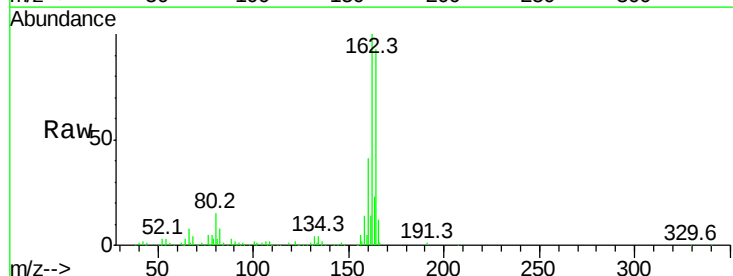
Instrument :
 BNA_G
 ClientSampleId :
 LIC-FIELDBLANK-1-06-20-18

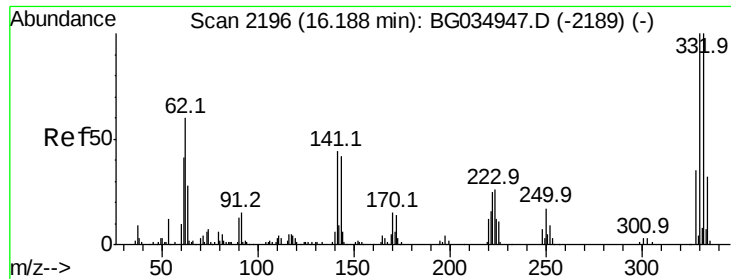
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.7	44.5
54	40.9	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035463.D
 Acq: 28 Jun 2018 2:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.0	78.8	118.2
160	44.8	35.4	53.0

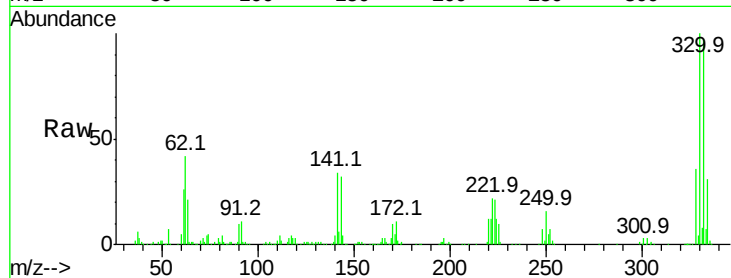




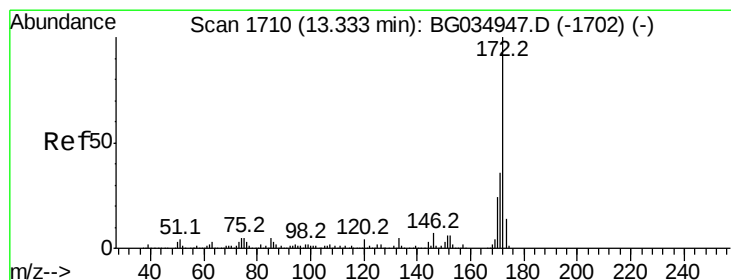
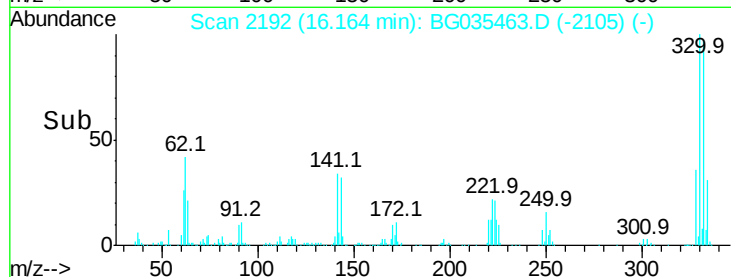
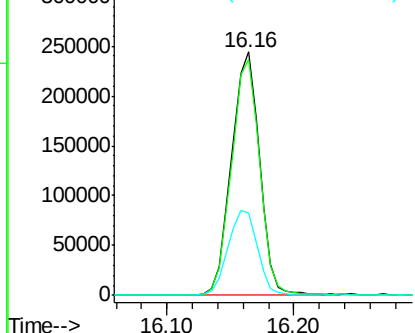
#41
 2,4,6-Tribromophenol
 Concen: 229.768 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035463.D
 Acq: 28 Jun 2018 2:38

Instrument :
 BNA_G
 ClientSampleId :
 LIC-FIELDBLANK-1-06-20-18

Tot Ion:330 Resp: 373518
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 36.5 25.2 37.8

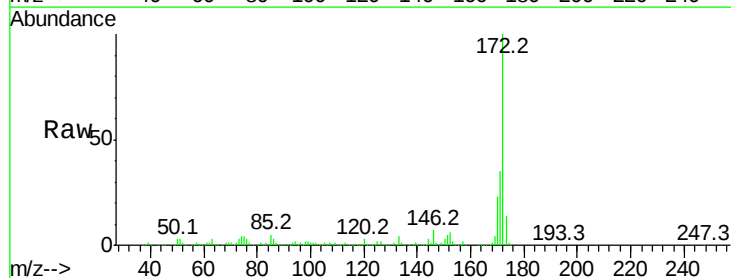


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

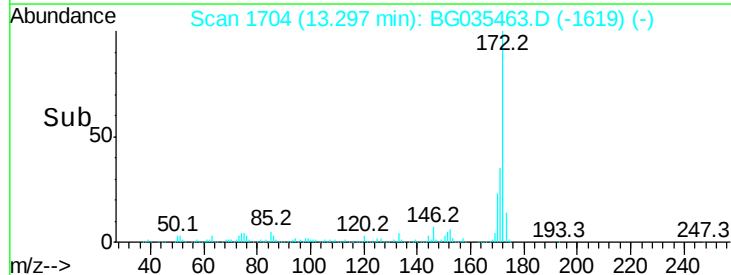
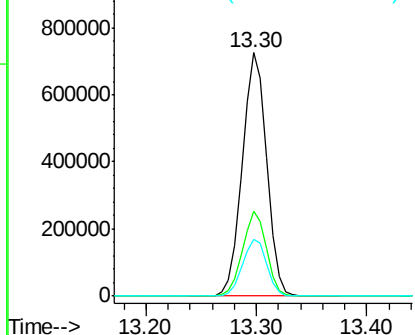


#44
 2-Fluorobiphenyl
 Concen: 115.209 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035463.D
 Acq: 28 Jun 2018 2:38

Tgt Ion:172 Resp: 1125413
 Ion Ratio Lower Upper
 172 100
 171 34.8 30.0 45.0
 170 23.5 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: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035463.D

Acq: 28 Jun 2018 2:38

Instrument :

BNA_G

ClientSampleId :

LIC-FIELDBLANK-1-06-20-18

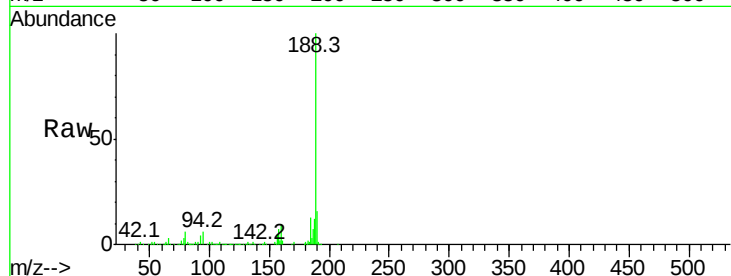
Tot Ion:188 Resp: 342462

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

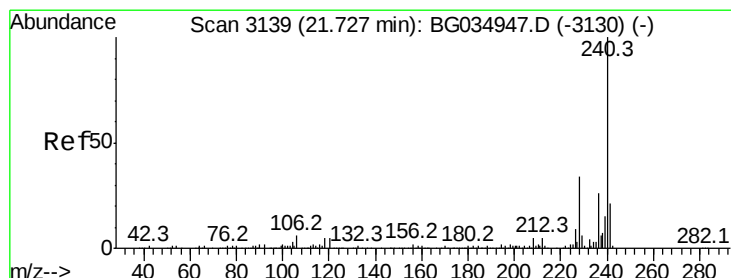
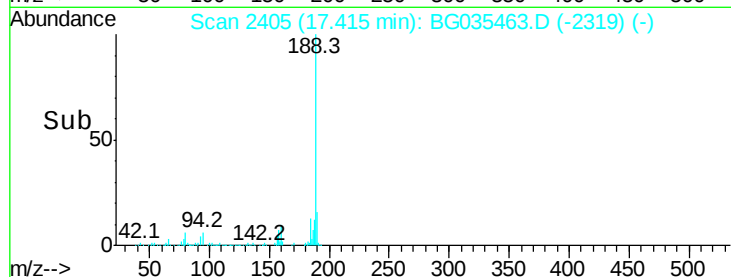
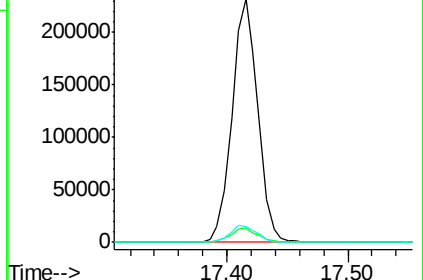
80 6.4 7.7 11.5#



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: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035463.D

Acq: 28 Jun 2018 2:38

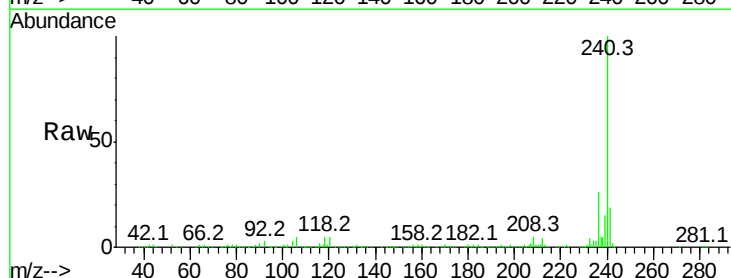
Tgt Ion:240 Resp: 375427

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

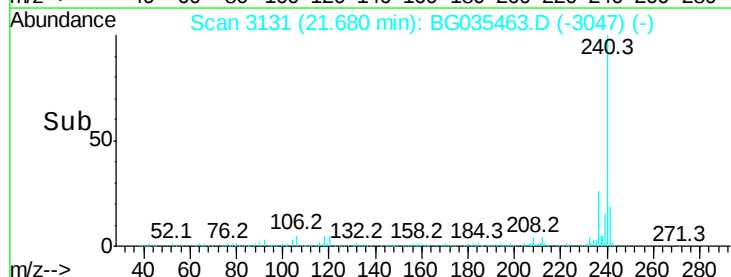
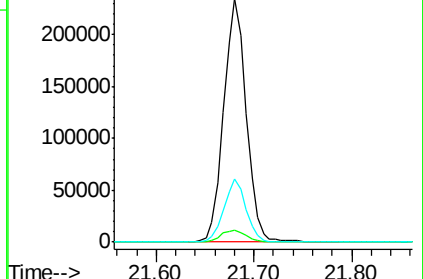
236 26.2 20.9 31.3

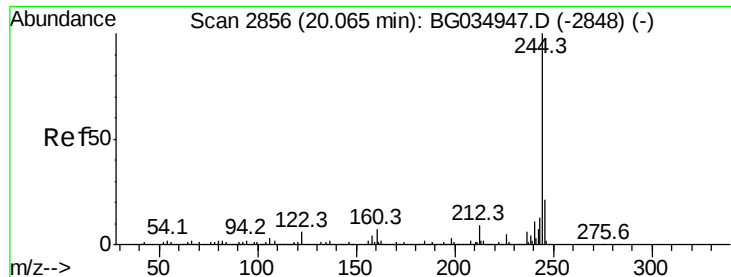


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 120.032 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035463.D

Acq: 28 Jun 2018 2:38

Instrument :

BNA_G

ClientSampleId :

LIC-FIELDBLANK-1-06-20-18

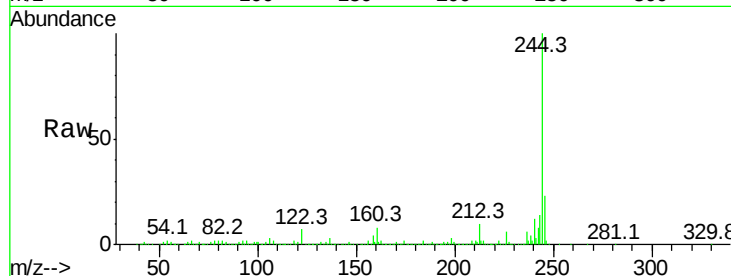
Tot Ion:244 Resp: 2151328

Ion Ratio Lower Upper

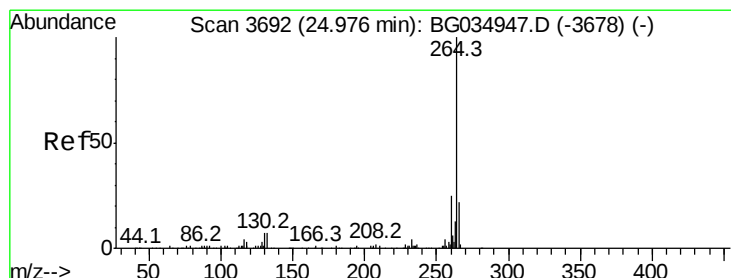
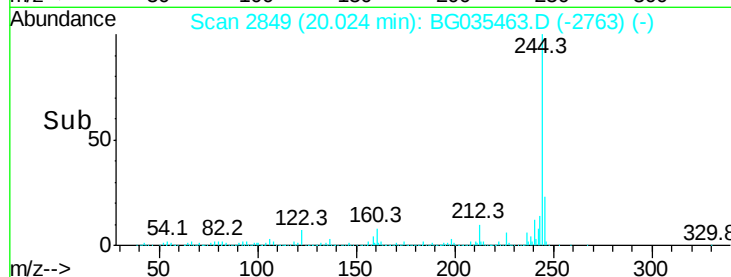
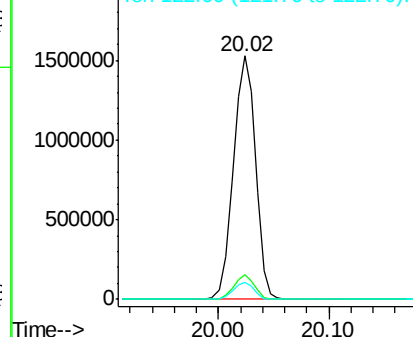
244 100

212 9.9 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: 24.91 min Scan# 3680

Delta R.T. -0.05 min

Lab File: BG035463.D

Acq: 28 Jun 2018 2:38

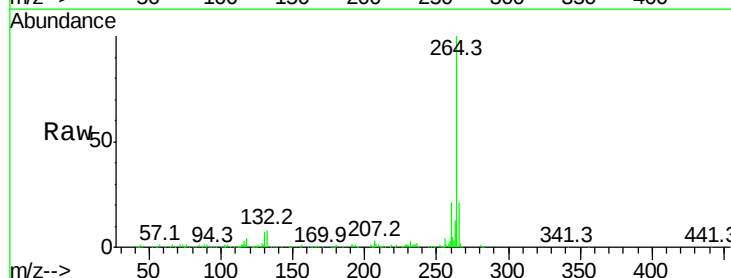
Tgt Ion:264 Resp: 352233

Ion Ratio Lower Upper

264 100

260 20.6 17.4 26.0

265 20.9 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

