

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
 Data File : BG035369.D
 Acq On : 23 Jun 2018 15:28
 Operator : JU/SJ
 Sample : PB110484TB
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110484TB

Quant Time: Jun 25 07:18:36 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	8.06	152	54944	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	192698	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	128410	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	352914	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	406289	20.00	ng	-0.03
86) Perylene-d12	24.90	264	384865	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	519192	159.47	ng	-0.01
7) Phenol-d6	7.22	99	728484	151.60	ng	0.00
23) Nitrobenzene-d5	9.22	82	464040	114.47	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	313104	190.47	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1055457	106.85	ng	-0.03
78) Terphenyl-d14	20.02	244	1909957	98.47	ng	-0.02

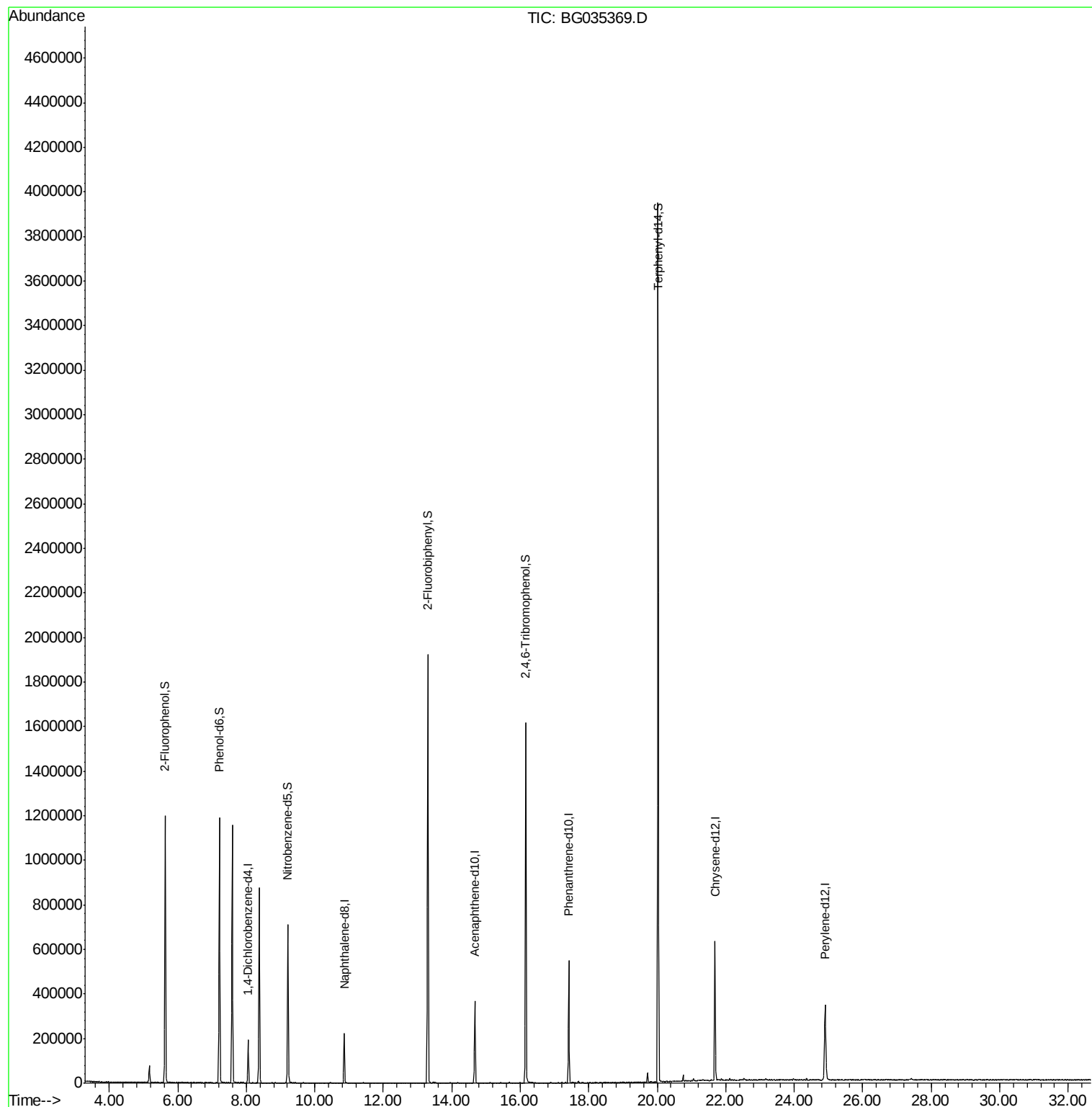
Target Compounds Qvalue

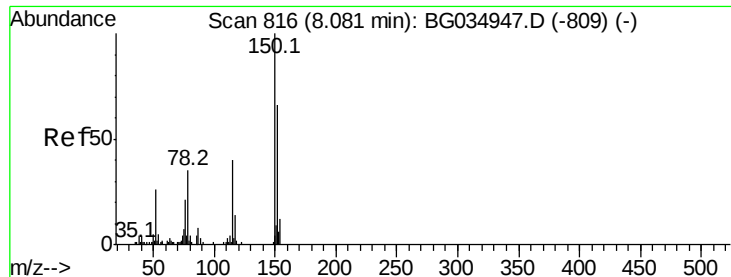
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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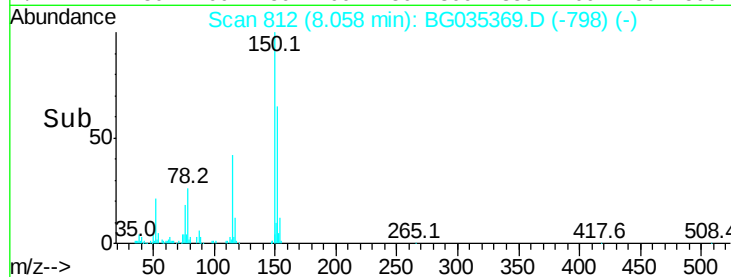
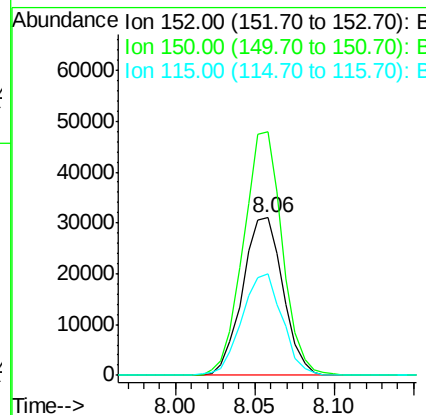
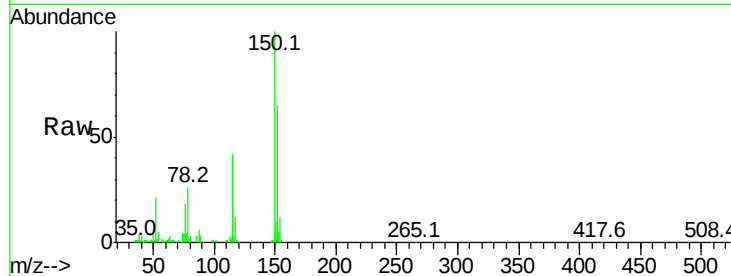


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035369.D
Acq: 23 Jun 2018 15:28

Instrument :
BNA_G
ClientSampleId :
PB110484TB

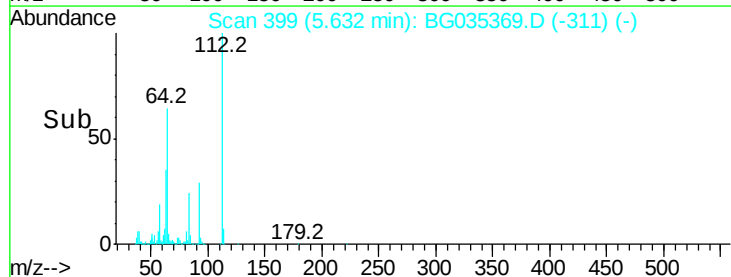
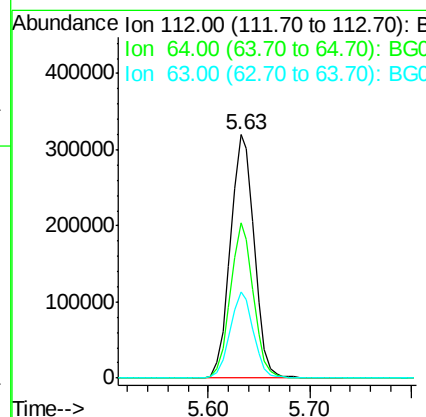
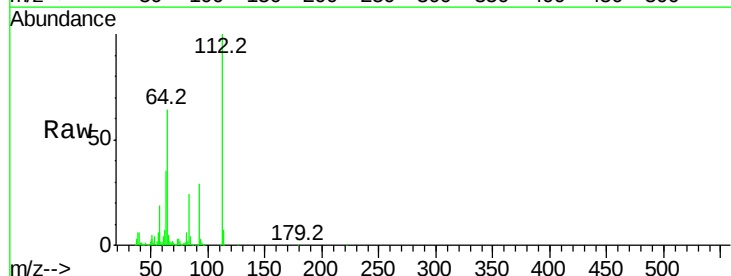
Tot Ion:152 Resp: 54944
Ion Ratio Lower Upper
152 100
150 154.4 126.6 189.8
115 64.6 53.0 79.4

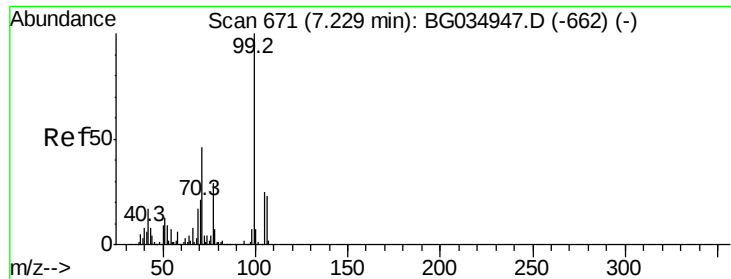


#5

2-Fluorophenol
Concen: 159.470 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035369.D
Acq: 23 Jun 2018 15:28

Tgt Ion:112 Resp: 519192
Ion Ratio Lower Upper
112 100
64 64.0 56.3 84.5
63 35.2 30.1 45.1





#7

Phenol-d6

Concen: 151.601 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035369.D

Acq: 23 Jun 2018 15:28

Instrument :

BNA_G

ClientSampleId :

PB110484TB

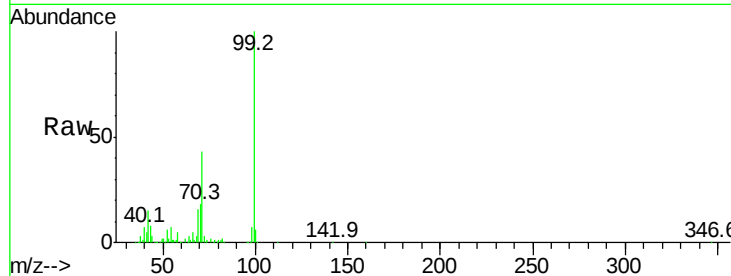
Tot Ion: 99 Resp: 728484

Ion Ratio Lower Upper

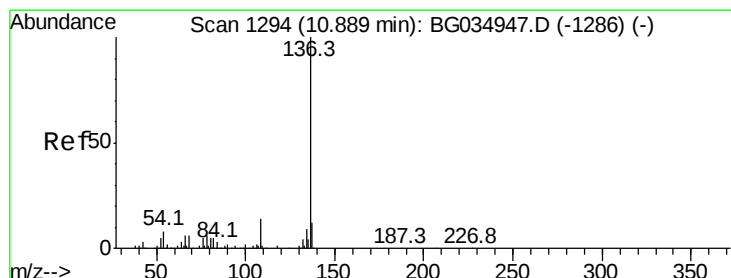
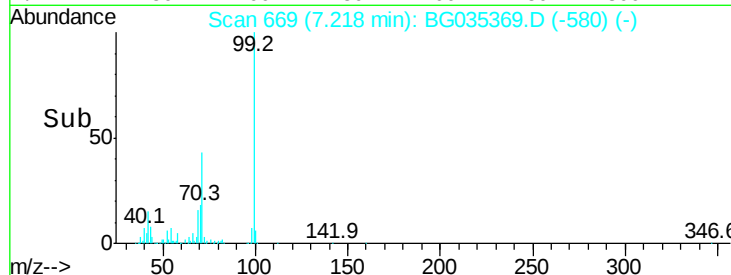
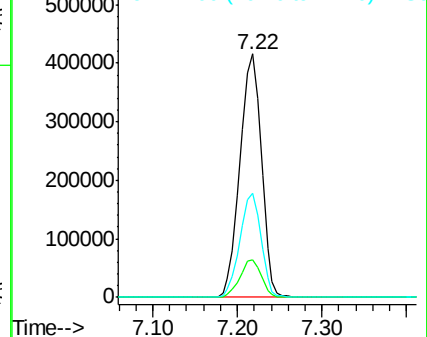
99 100

42 15.5 14.1 21.1

71 42.7 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: BG035369.D

Acq: 23 Jun 2018 15:28

Tgt Ion:136 Resp: 192698

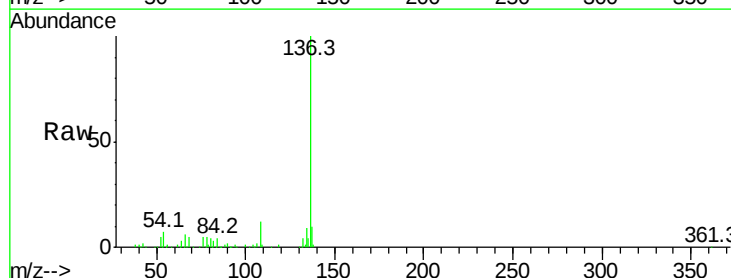
Ion Ratio Lower Upper

136 100

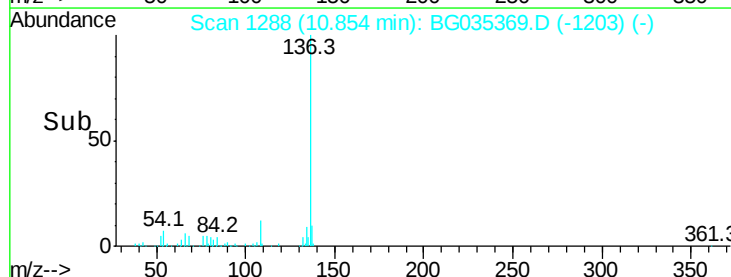
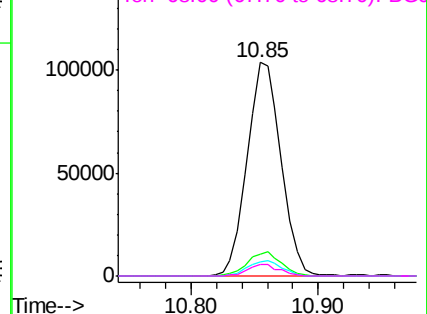
137 10.1 9.2 13.8

54 6.8 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

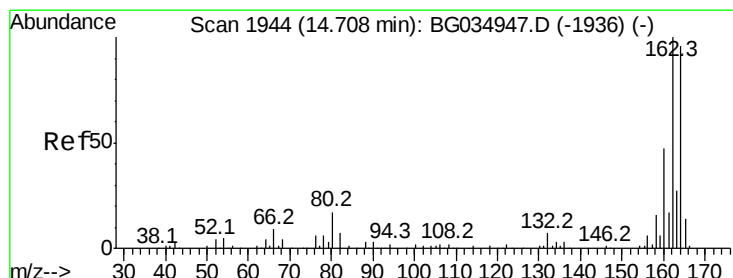
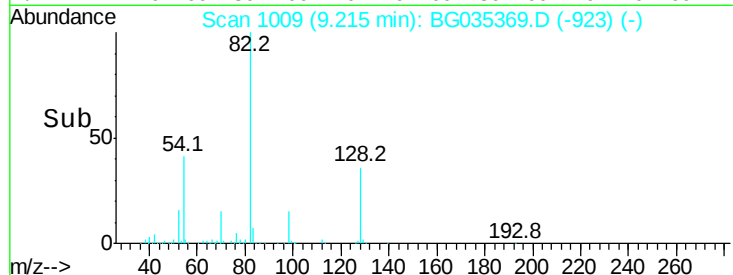
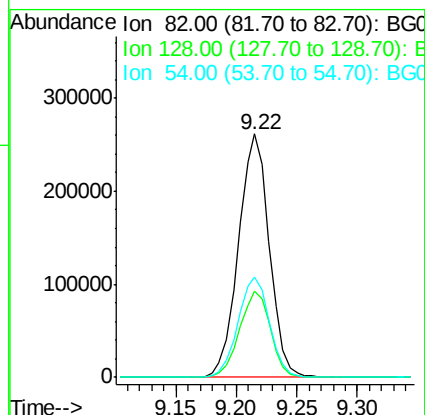
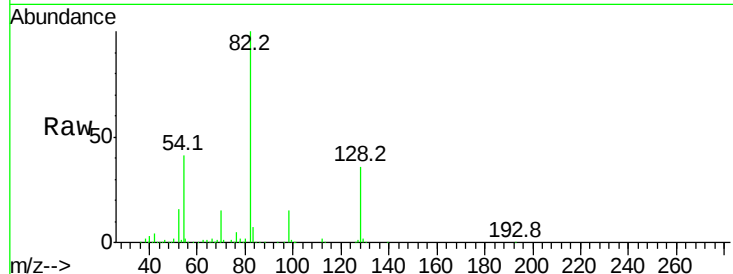




#23
Nitrobenzene-d5
Concen: 114.468 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035369.D
Acq: 23 Jun 2018 15:28

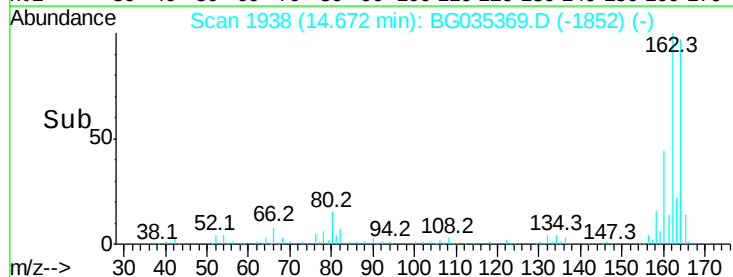
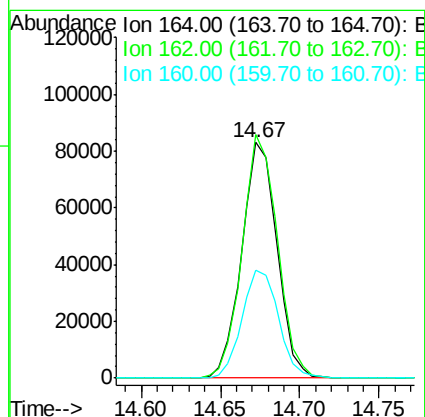
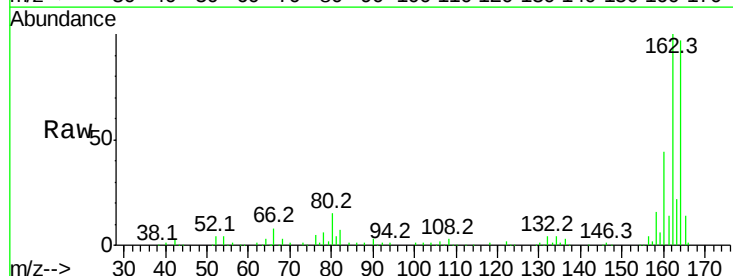
Instrument :
BNA_G
ClientSampleId :
PB110484TB

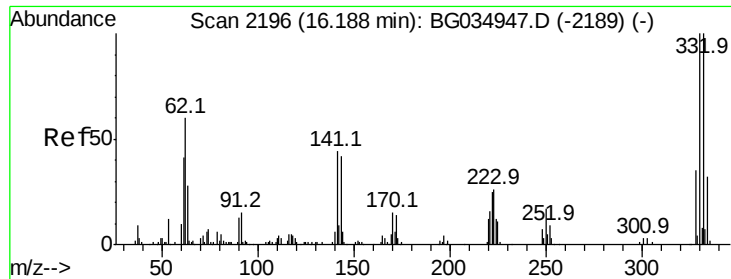
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.6	29.7	44.5
54	41.1	43.1	64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG035369.D
Acq: 23 Jun 2018 15:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	78.8	118.2
160	45.8	35.4	53.0

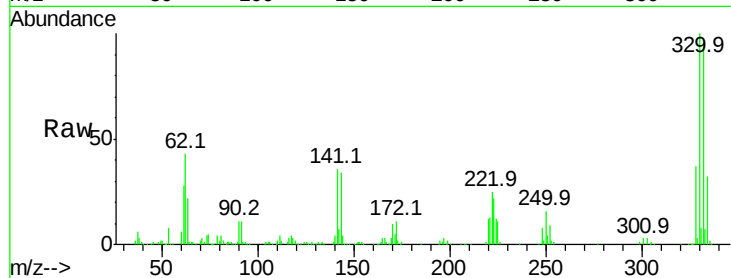




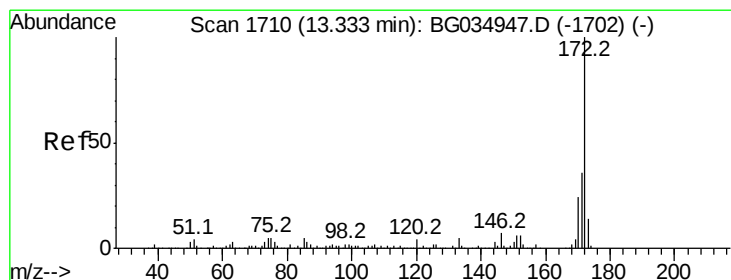
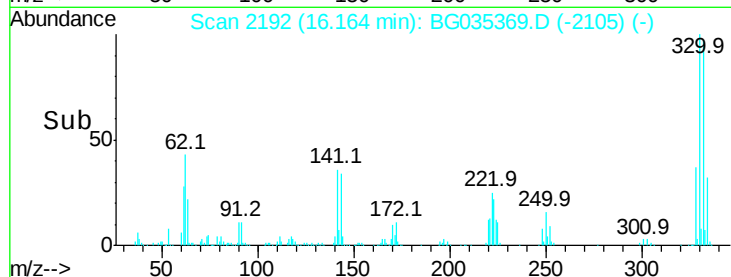
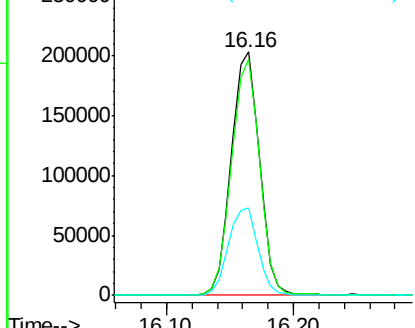
#41
 2,4,6-Tribromophenol
 Concen: 190.474 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035369.D
 Acq: 23 Jun 2018 15:28

Instrument :
 BNA_G
 ClientSampleId :
 PB110484TB

Tot Ion:330 Resp: 313104
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 37.6 25.2 37.8

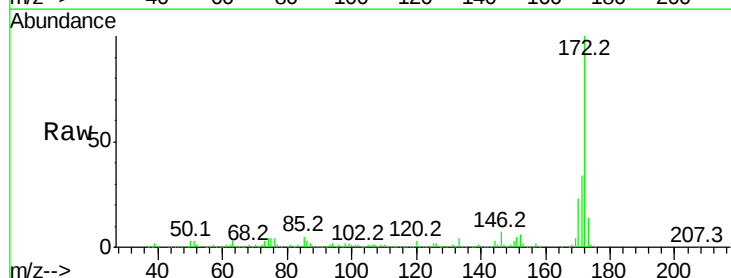


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

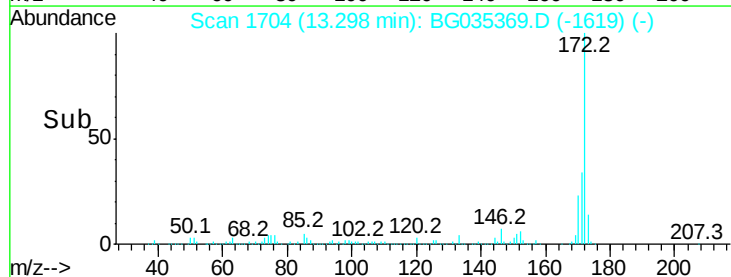
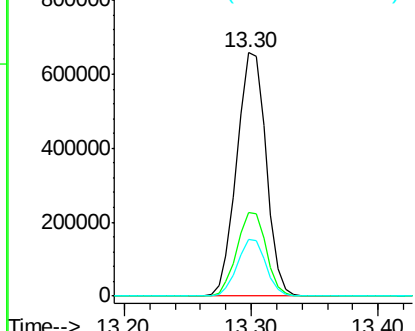


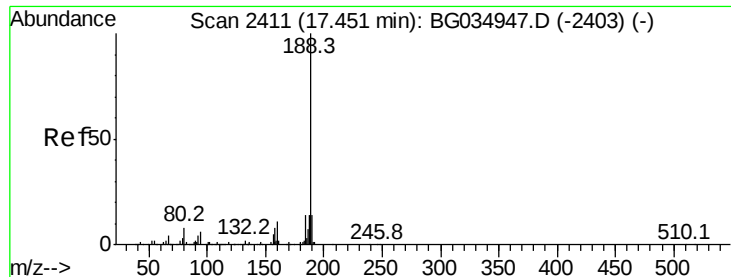
#44
 2-Fluorobiphenyl
 Concen: 106.852 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035369.D
 Acq: 23 Jun 2018 15:28

Tgt Ion:172 Resp: 1055457
 Ion Ratio Lower Upper
 172 100
 171 34.3 30.0 45.0
 170 23.4 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: BG035369.D

Acq: 23 Jun 2018 15:28

Instrument :

BNA_G

ClientSampleId :

PB110484TB

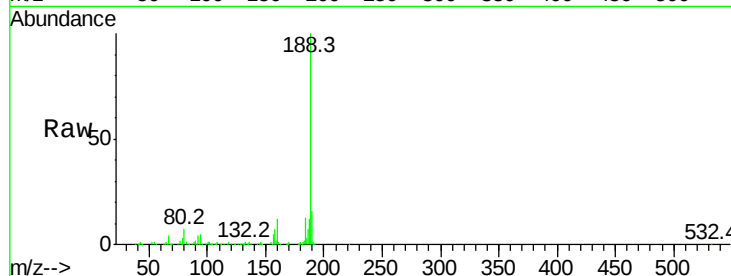
Tot Ion:188 Resp: 352914

Ion Ratio Lower Upper

188 100

94 5.0 6.9 10.3#

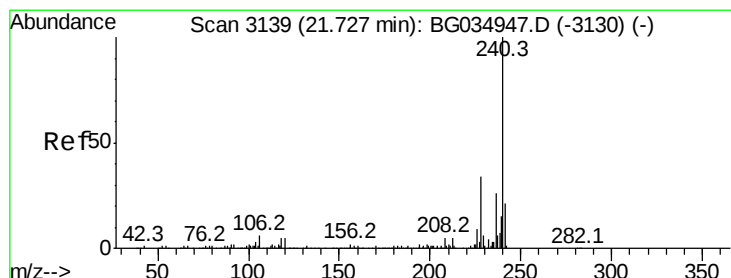
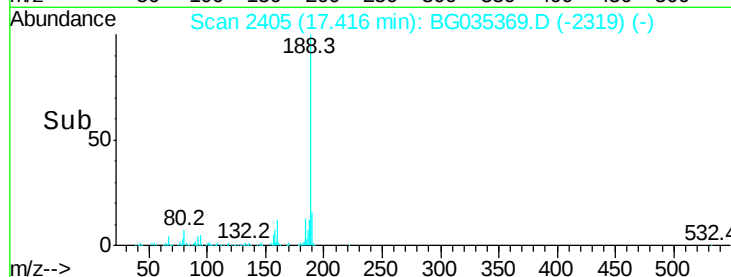
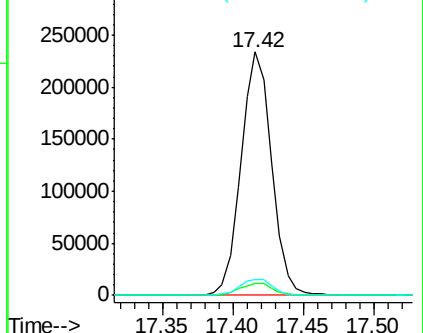
80 6.5 7.7 11.5#



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: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035369.D

Acq: 23 Jun 2018 15:28

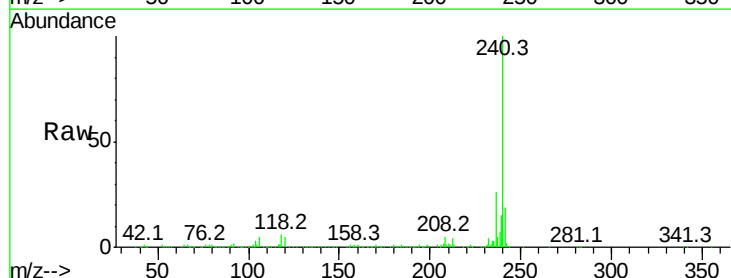
Tgt Ion:240 Resp: 406289

Ion Ratio Lower Upper

240 100

120 4.8 6.8 10.2#

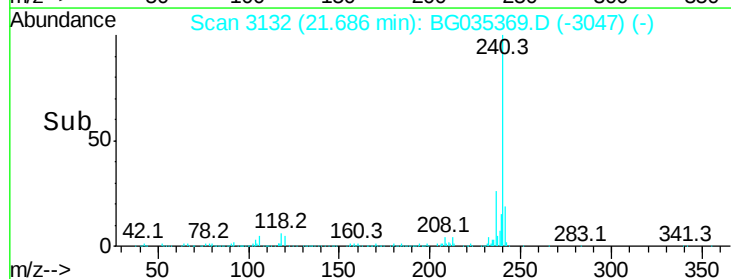
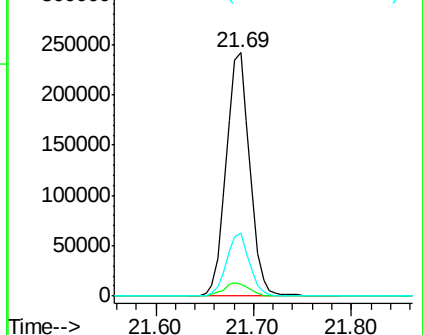
236 26.1 20.9 31.3

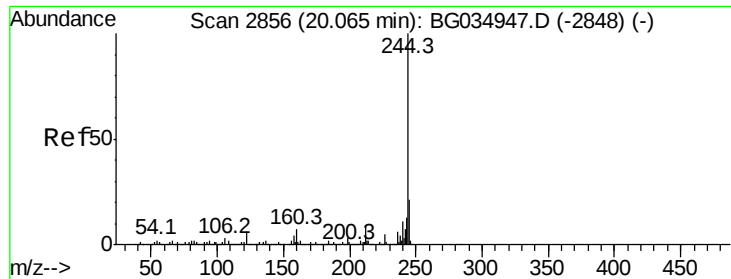


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 98.470 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035369.D

Acq: 23 Jun 2018 15:28

Instrument :

BNA_G

ClientSampleId :

PB110484TB

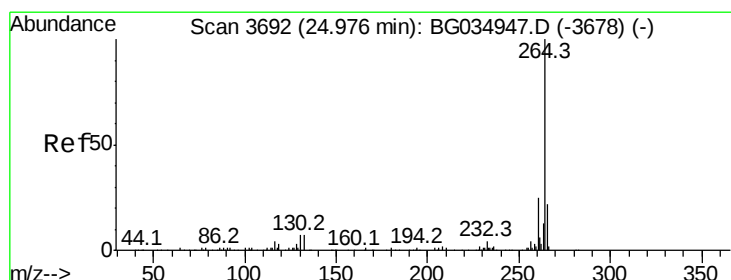
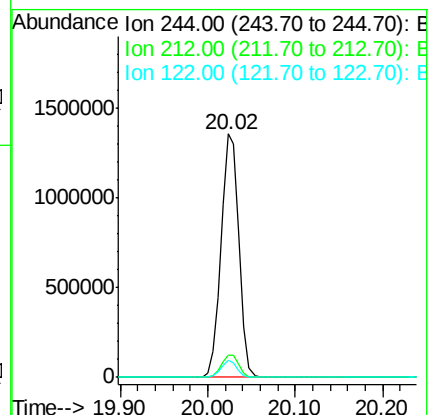
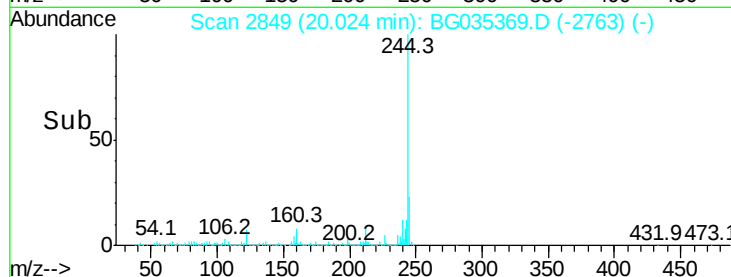
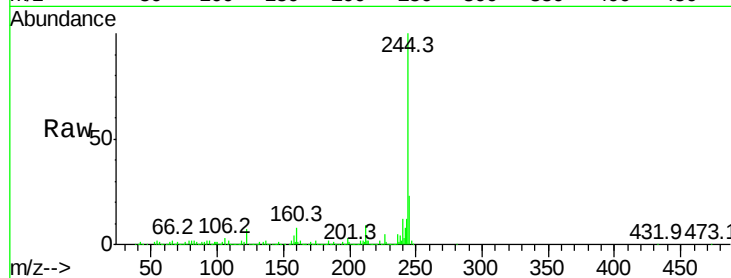
Tot Ion:244 Resp: 1909957

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

122 7.0 7.0 10.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035369.D

Acq: 23 Jun 2018 15:28

Tgt Ion:264 Resp: 384865

Ion Ratio Lower Upper

264 100

260 25.1 17.4 26.0

265 20.9 17.7 26.5

