

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061418\
 Data File : BG035161.D
 Acq On : 15 Jun 2018 6:49
 Operator : SJ/JU
 Sample : J3459-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-RO-341

Quant Time: Jun 15 08:59:22 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	45445	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	170629	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	131171	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	367951	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	406067	20.00	ng	-0.02
86) Perylene-d12	24.93	264	344753	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	377527	140.20	ng	0.00
7) Phenol-d6	7.22	99	522344	131.42	ng	0.00
23) Nitrobenzene-d5	9.23	82	419349	116.82	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	294325	175.28	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	950430	94.19	ng	-0.02
78) Terphenyl-d14	20.04	244	1941995	100.18	ng	-0.01

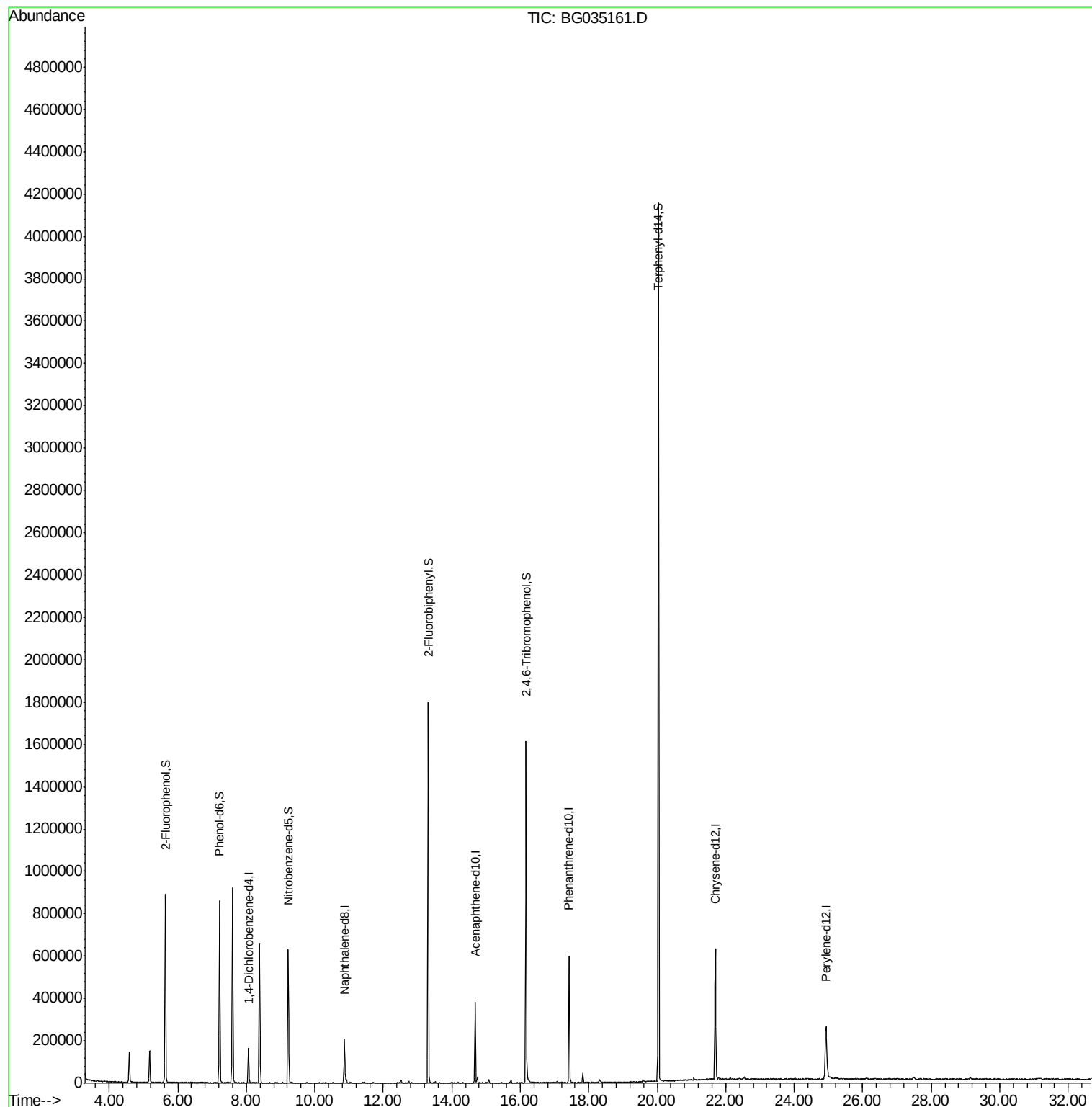
Target Compounds Qvalue

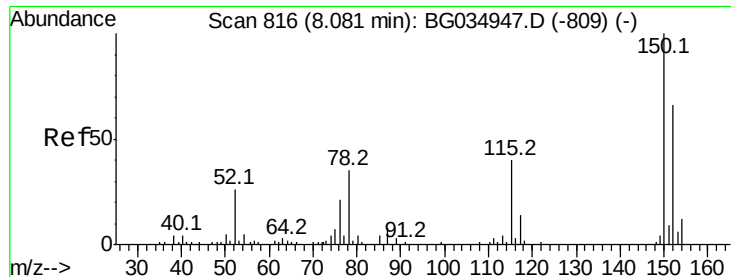
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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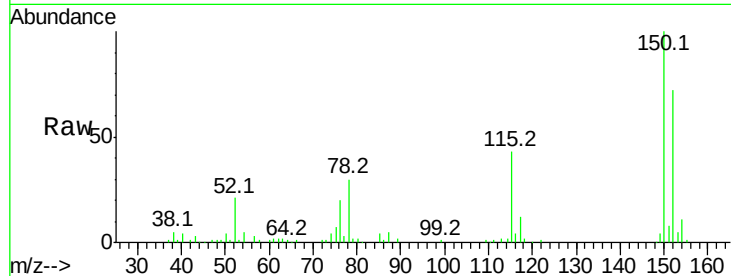


#1

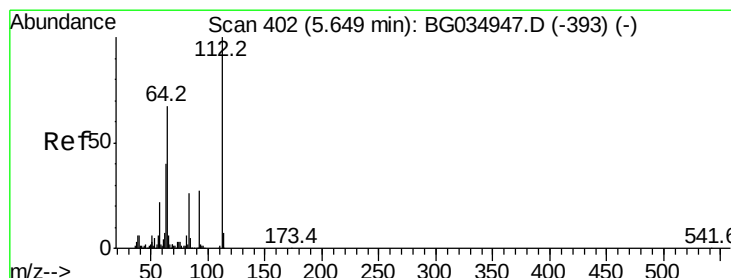
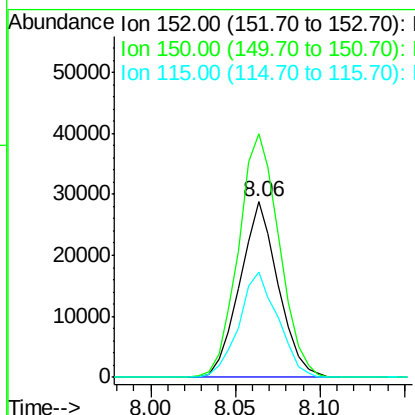
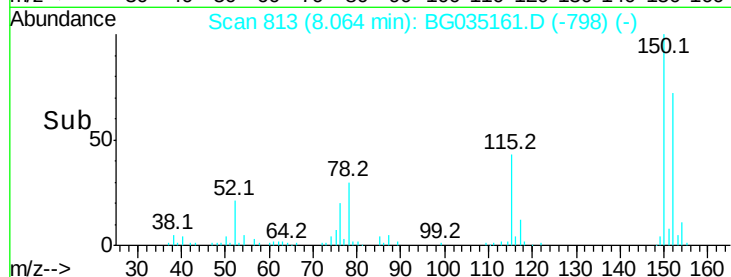
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035161.D
Acq: 15 Jun 2018 6:49

Instrument :
BNA_G
ClientSampleId :
MH-RO-341

Tot Ion:152 Resp: 45445
Ion Ratio Lower Upper
152 100
150 138.6 126.6 189.8
115 60.1 53.0 79.4



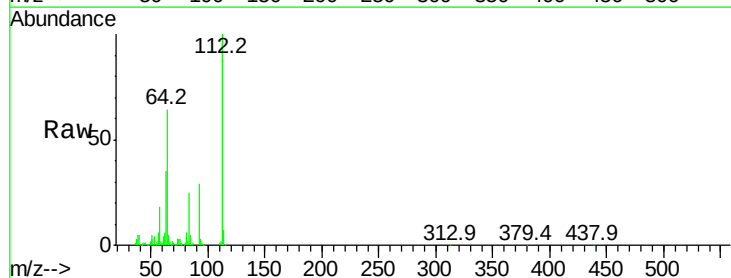
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



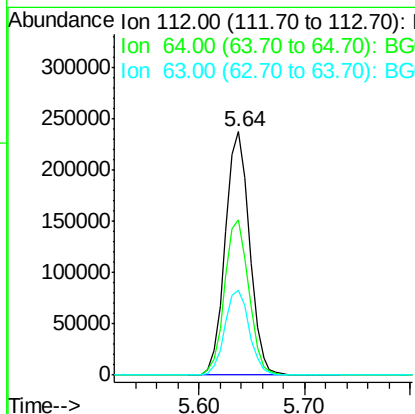
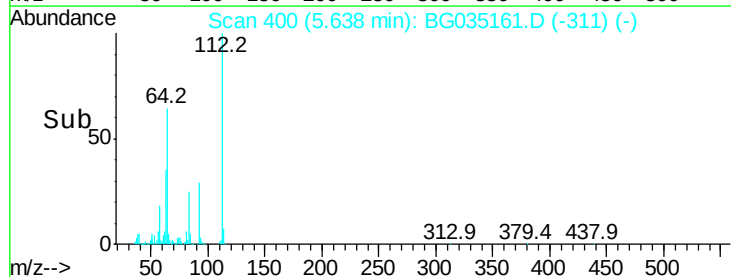
#5

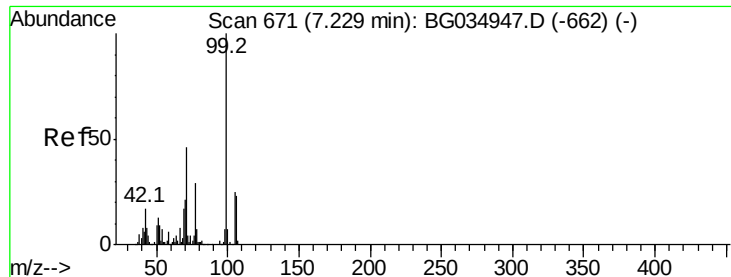
2-Fluorophenol
Concen: 140.195 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035161.D
Acq: 15 Jun 2018 6:49

Tgt Ion:112 Resp: 377527
Ion Ratio Lower Upper
112 100
64 63.6 56.3 84.5
63 34.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 131.424 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035161.D

Acq: 15 Jun 2018 6:49

Instrument :

BNA_G

ClientSampleId :

MH-RO-341

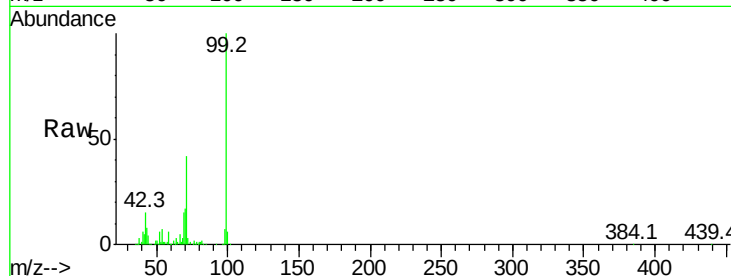
Tot Ion: 99 Resp: 522344

Ion Ratio Lower Upper

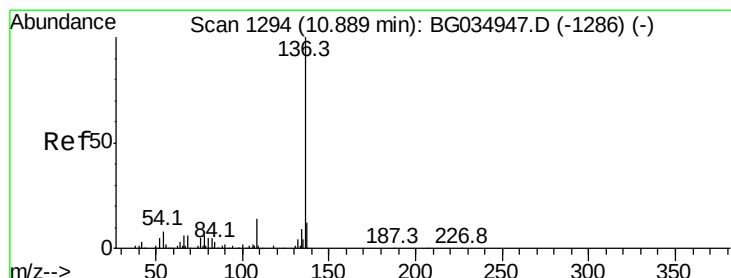
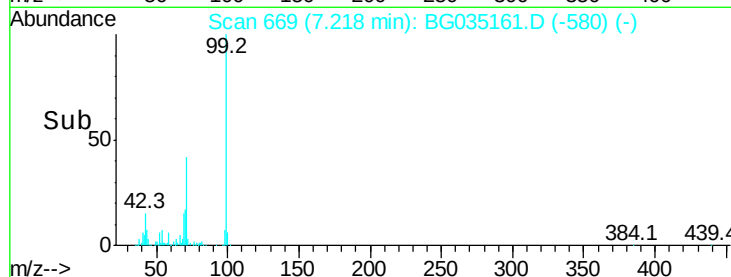
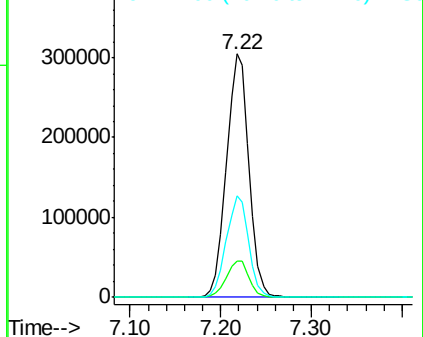
99 100

42 14.8 14.1 21.1

71 41.9 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: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035161.D

Acq: 15 Jun 2018 6:49

Tgt Ion: 136 Resp: 170629

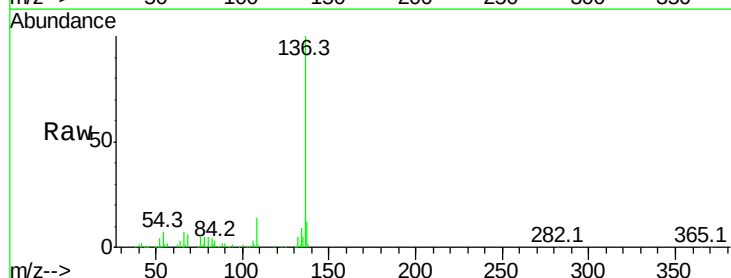
Ion Ratio Lower Upper

136 100

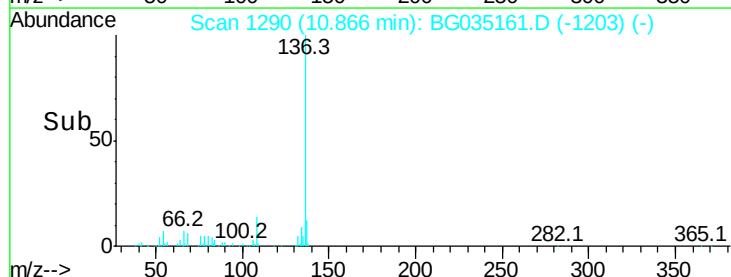
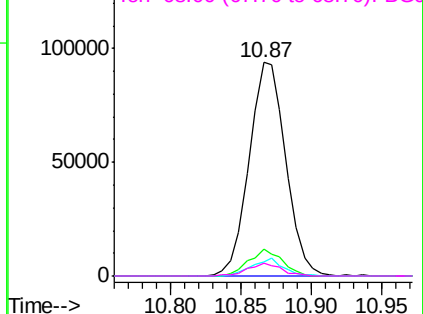
137 12.5 9.2 13.8

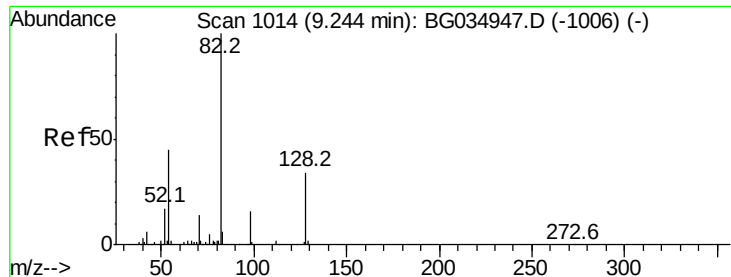
54 6.8 10.3 15.5#

68 5.8 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

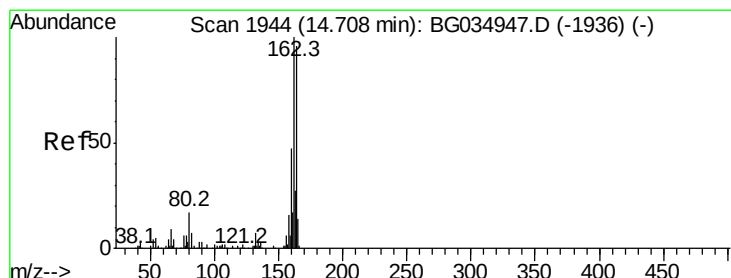
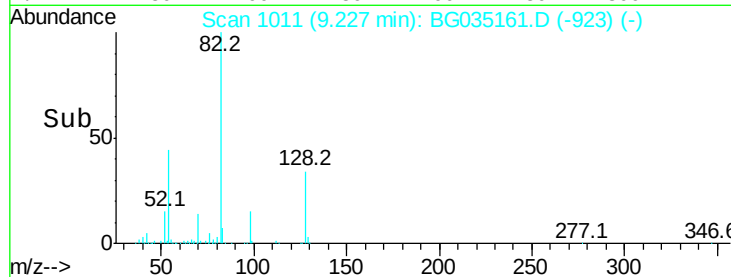
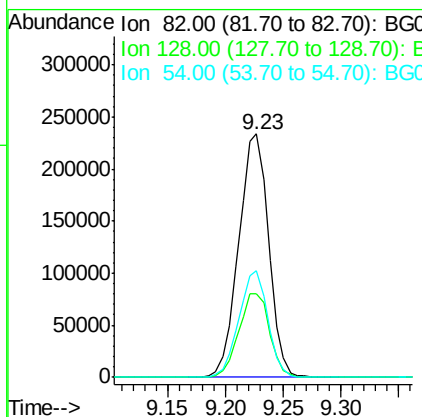
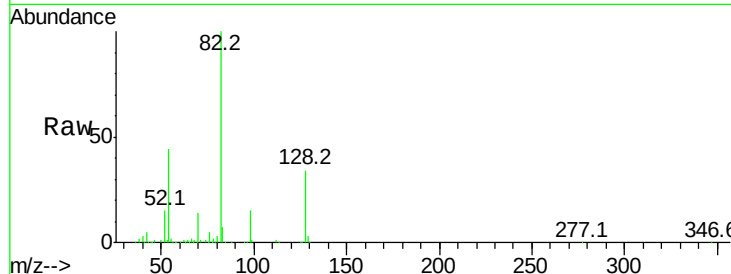




#23
 Nitrobenzene-d5
 Concen: 116.824 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG035161.D
 Acq: 15 Jun 2018 6:49

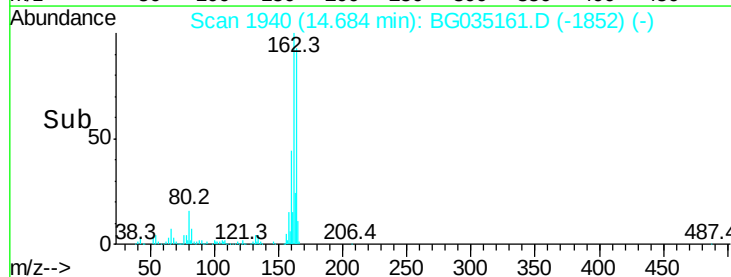
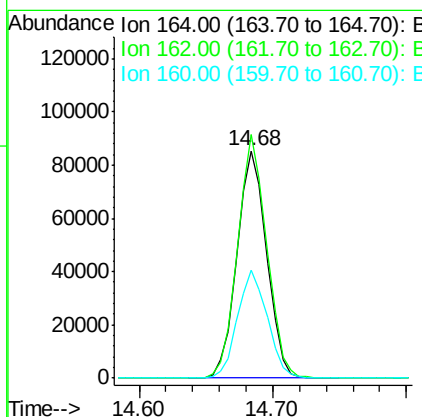
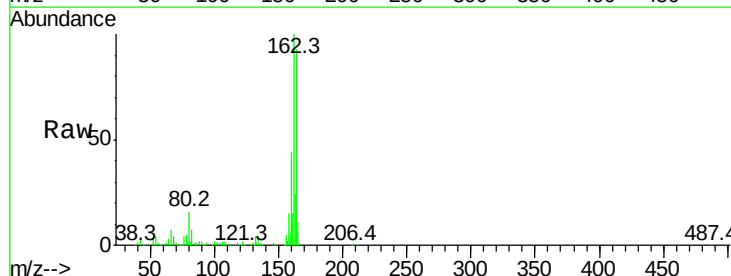
Instrument :
 BNA_G
 ClientSampleId :
 MH-RO-341

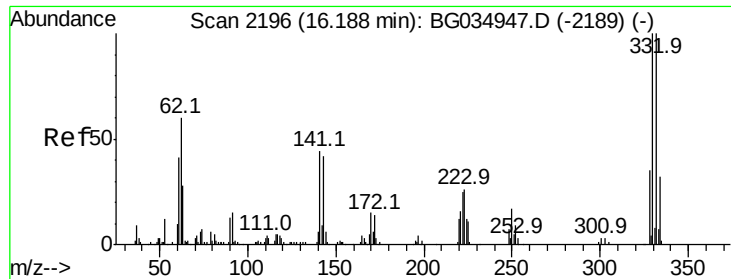
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.4	29.7	44.5
54	43.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035161.D
 Acq: 15 Jun 2018 6:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.0	78.8	118.2
160	47.2	35.4	53.0

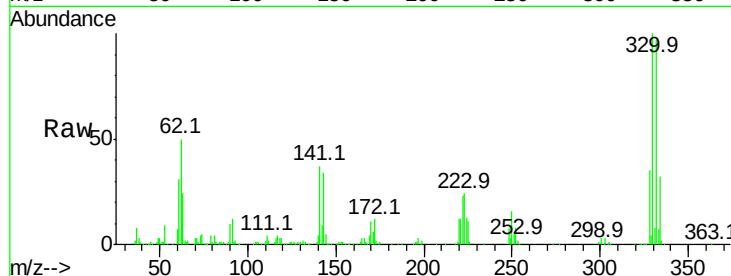




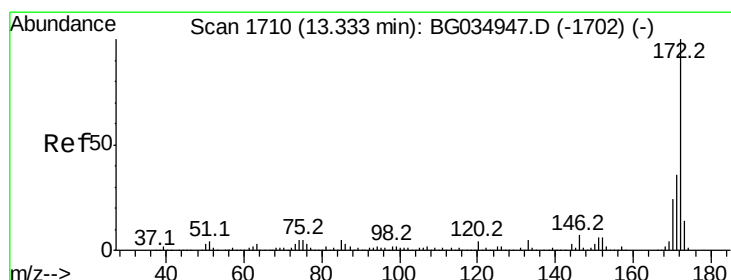
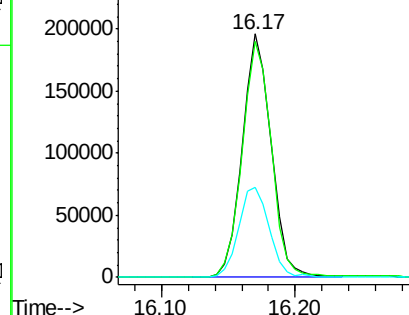
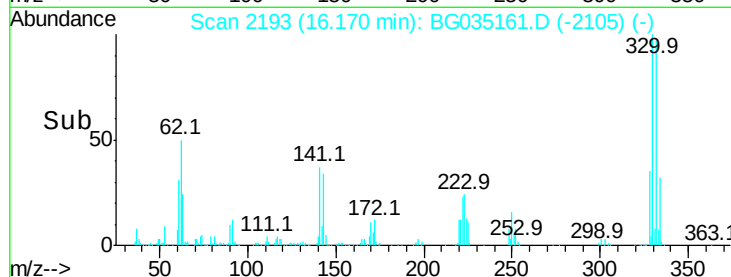
#41
 2,4,6-Tribromophenol
 Concen: 175.282 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035161.D
 Acq: 15 Jun 2018 6:49

Instrument :
 BNA_G
 ClientSampleId :
 MH-RO-341

Tot Ion:330 Resp: 294325
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.0 115.6
 141 39.3 25.2 37.8#

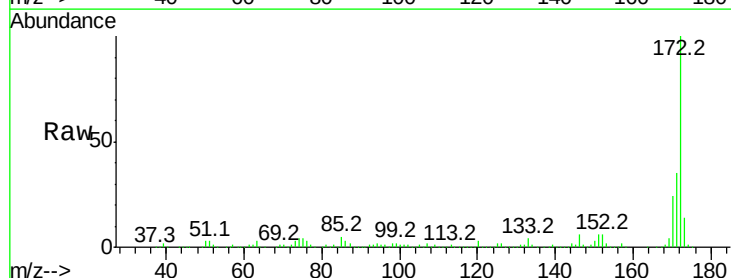


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

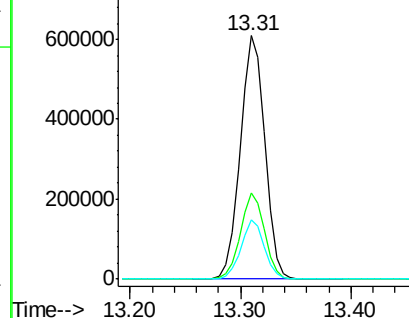
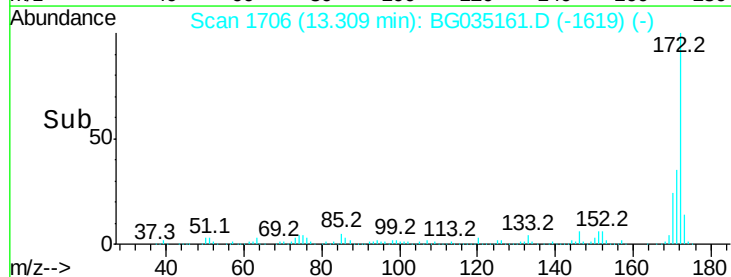


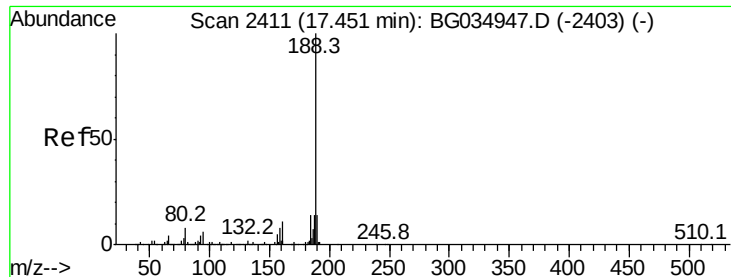
#44
 2-Fluorobiphenyl
 Concen: 94.194 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035161.D
 Acq: 15 Jun 2018 6:49

Tgt Ion:172 Resp: 950430
 Ion Ratio Lower Upper
 172 100
 171 35.2 30.0 45.0
 170 24.4 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: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035161.D

Acq: 15 Jun 2018 6:49

Instrument :

BNA_G

ClientSampleId :

MH-RO-341

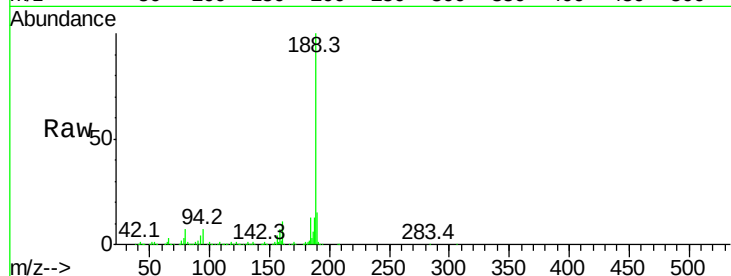
Tot Ion:188 Resp: 367951

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

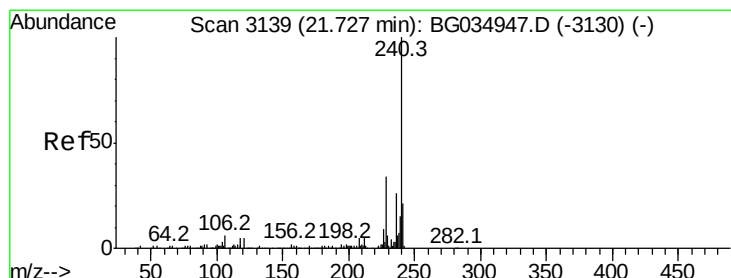
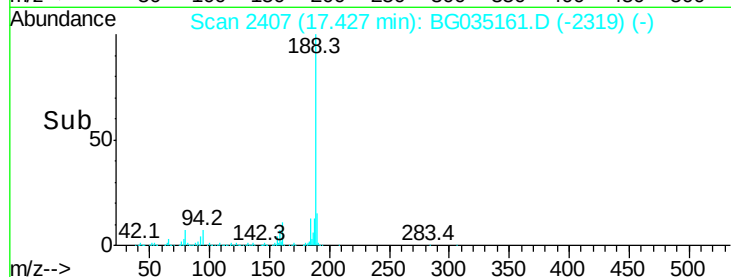
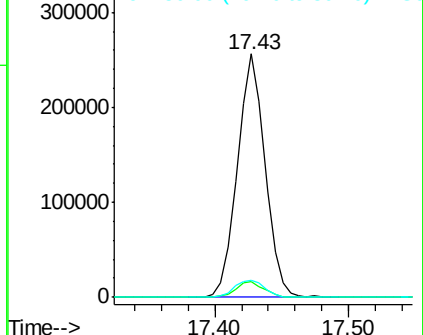
80 7.1 7.7 11.5#



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: 21.70 min Scan# 3134

Delta R.T. -0.02 min

Lab File: BG035161.D

Acq: 15 Jun 2018 6:49

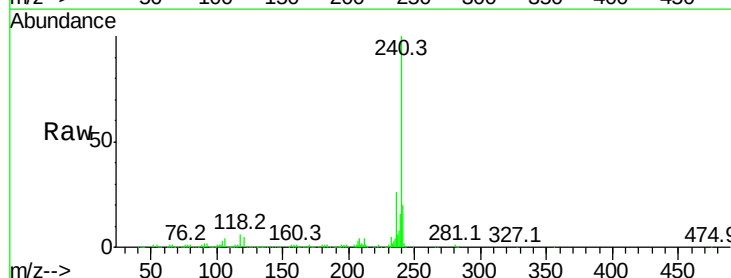
Tgt Ion:240 Resp: 406067

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

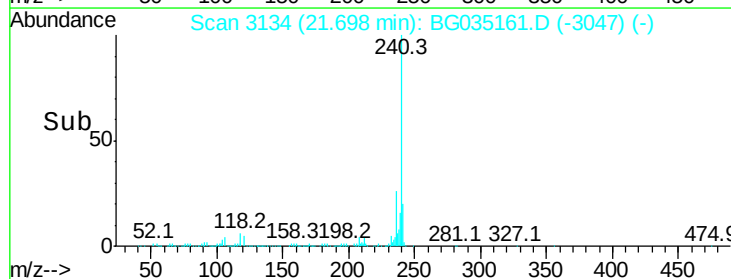
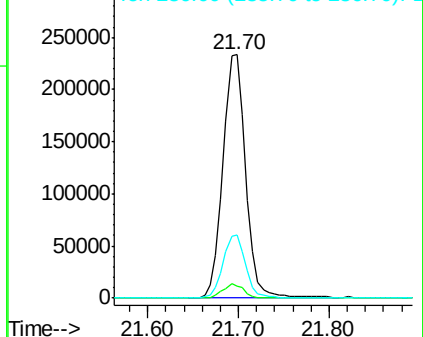
236 26.0 20.9 31.3

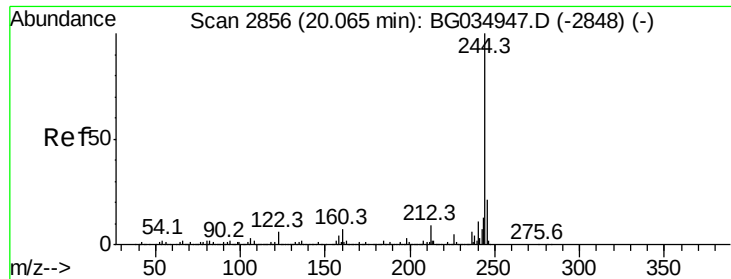


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.177 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035161.D

Acq: 15 Jun 2018 6:49

Instrument :

BNA_G

ClientSampleId :

MH-RO-341

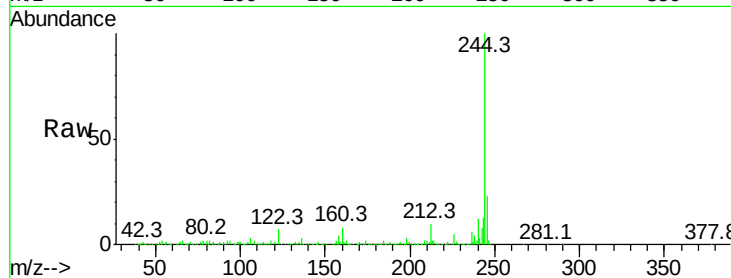
Tot Ion:244 Resp: 1941995

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

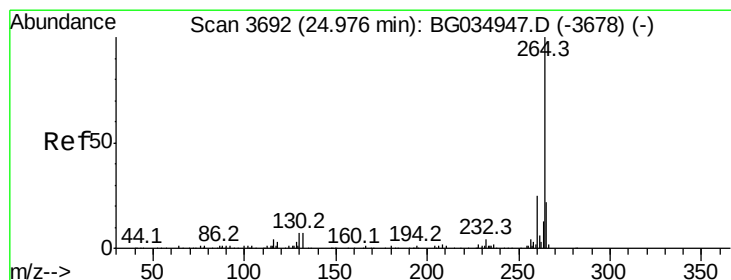
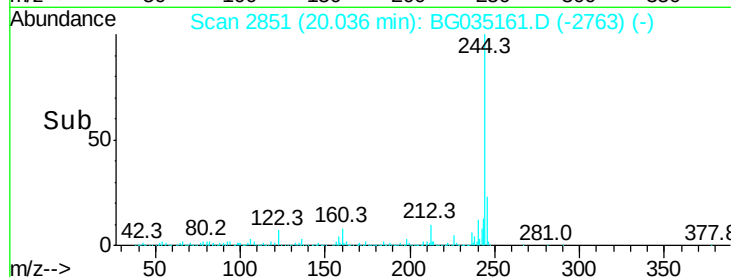
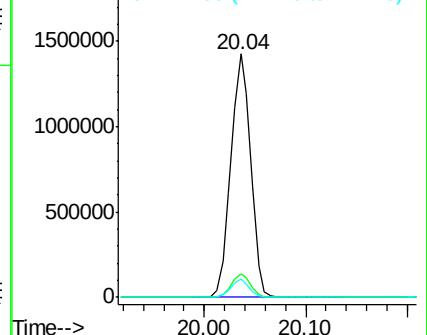
122 7.3 7.0 10.4



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: 24.93 min Scan# 3684

Delta R.T. -0.02 min

Lab File: BG035161.D

Acq: 15 Jun 2018 6:49

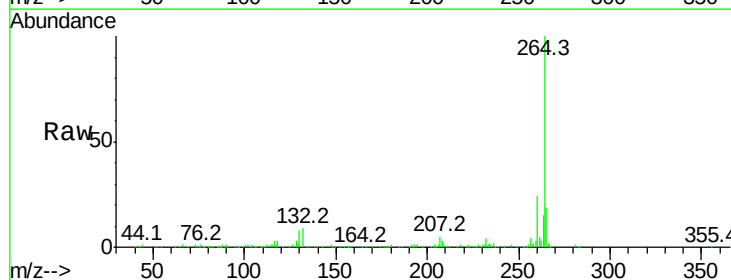
Tgt Ion:264 Resp: 344753

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 19.4 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

