

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
 Data File : BG035239.D
 Acq On : 19 Jun 2018 5:34
 Operator : SJ/JU
 Sample : J3567-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5-S

Quant Time: Jun 19 11:01:16 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

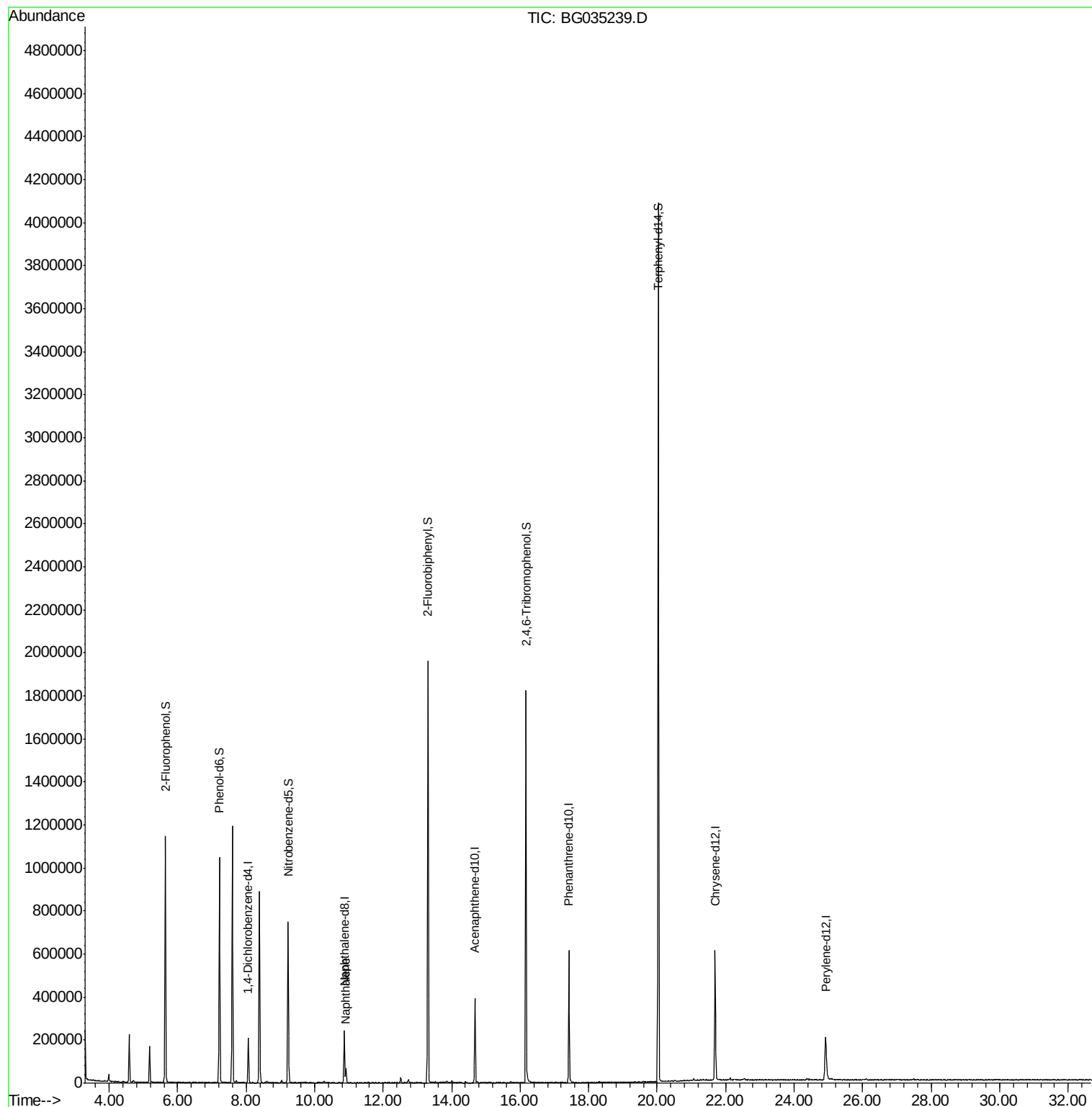
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	57692	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	201611	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	136451	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	382934	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	386104	20.00	ng	-0.02
86) Perylene-d12	24.92	264	215412	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	477899	139.80	ng	0.00
7) Phenol-d6	7.22	99	628292	124.52	ng	0.00
23) Nitrobenzene-d5	9.22	82	500342	117.97	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	351417	201.18	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	1108861	105.64	ng	-0.02
78) Terphenyl-d14	20.03	244	1993196	108.13	ng	-0.02
Target Compounds						
31) Naphthalene	10.91	128	54377	5.192	ng	Qvalue # 94

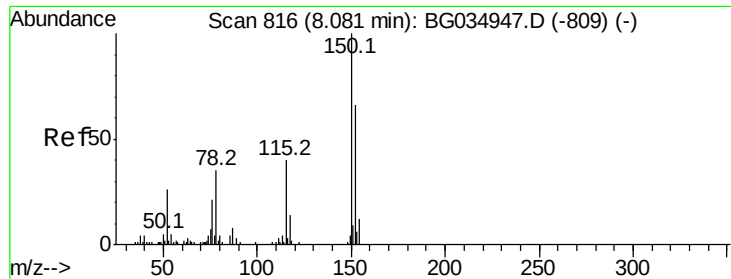
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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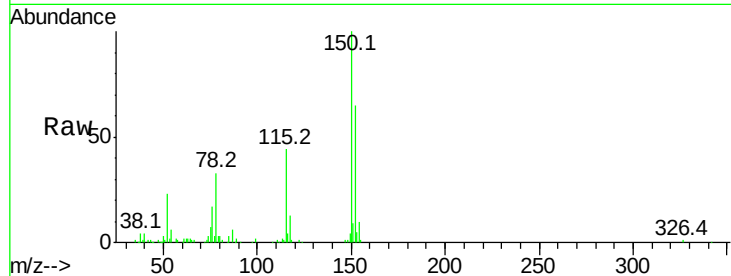


#1

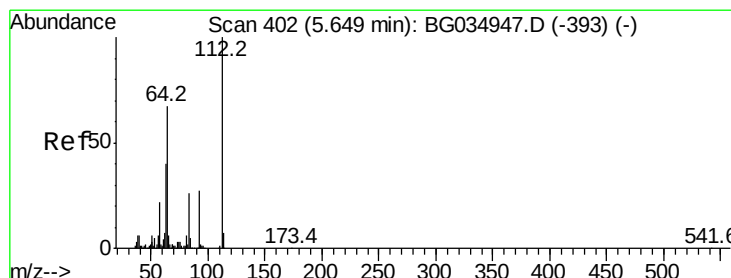
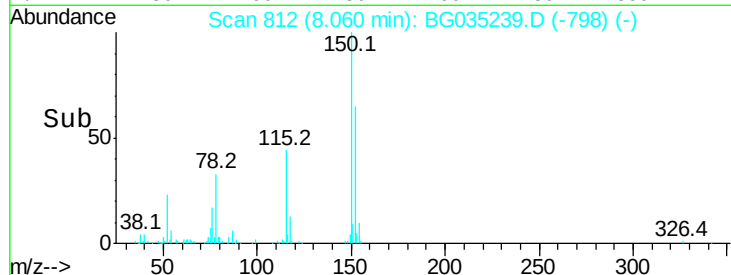
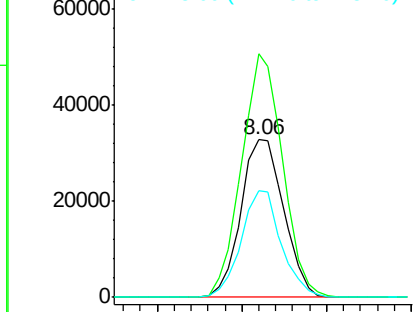
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035239.D
Acq: 19 Jun 2018 5:34

Instrument :
BNA_G
ClientSampleId :
TP-5-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.6	189.8
115	67.9	53.0	79.4



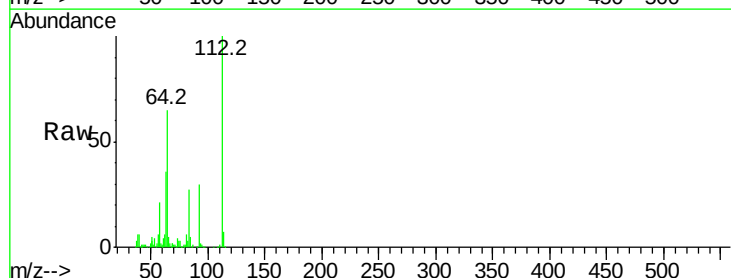
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



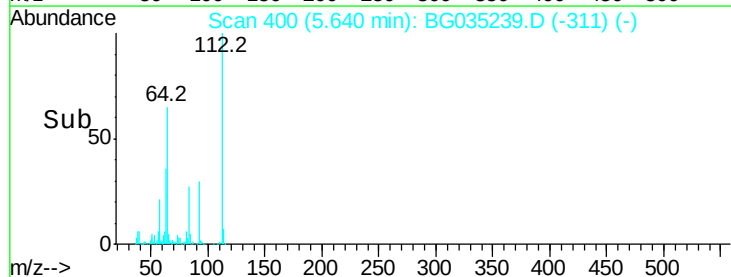
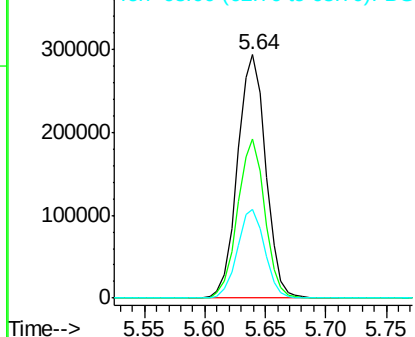
#5

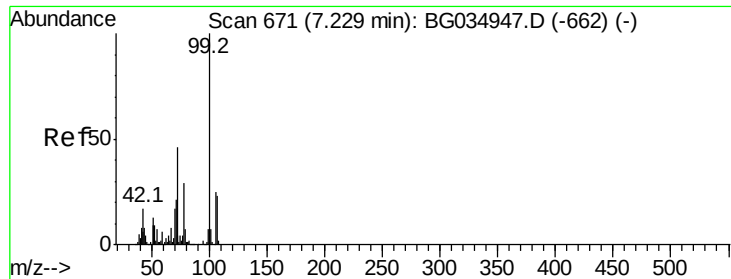
2-Fluorophenol
Concen: 139.795 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.00 min
Lab File: BG035239.D
Acq: 19 Jun 2018 5:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	56.3	84.5
63	36.3	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: 124.523 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035239.D

Acq: 19 Jun 2018 5:34

Instrument :

BNA_G

ClientSampleId :

TP-5-S

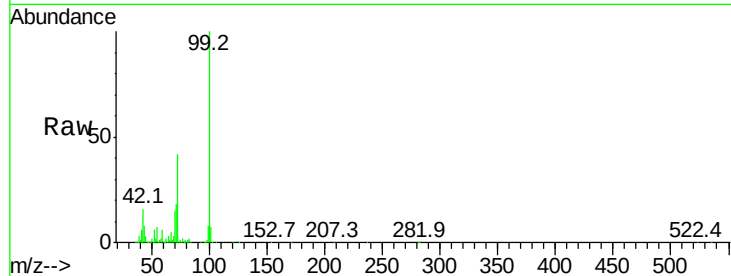
Tot Ion: 99 Resp: 628292

Ion Ratio Lower Upper

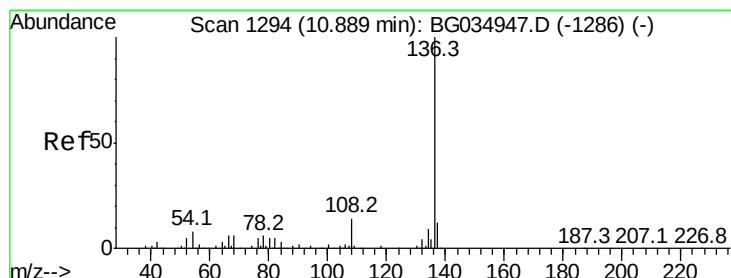
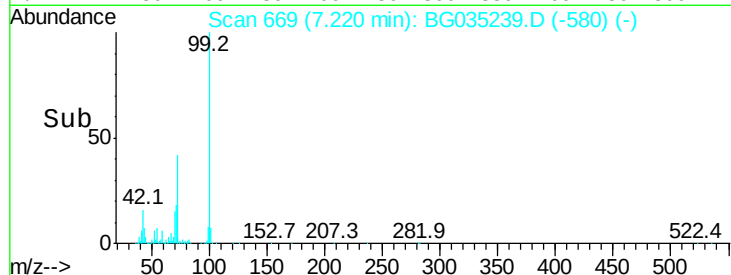
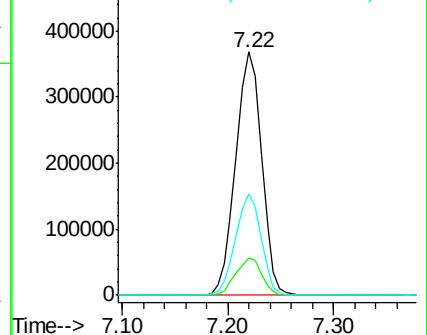
99 100

42 15.6 14.1 21.1

71 41.7 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: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG035239.D

Acq: 19 Jun 2018 5:34

Tgt Ion: 136 Resp: 201611

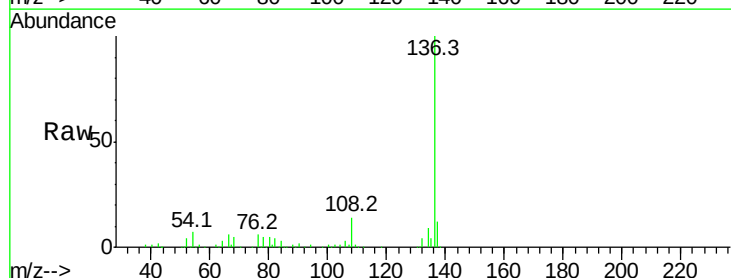
Ion Ratio Lower Upper

136 100

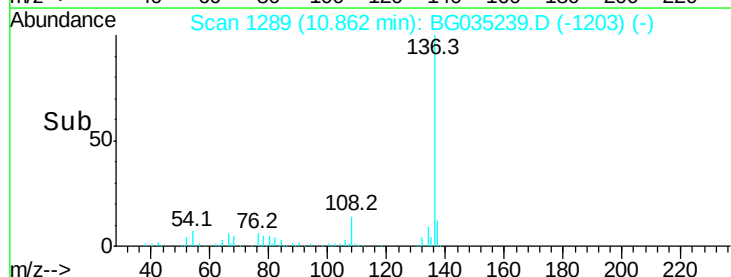
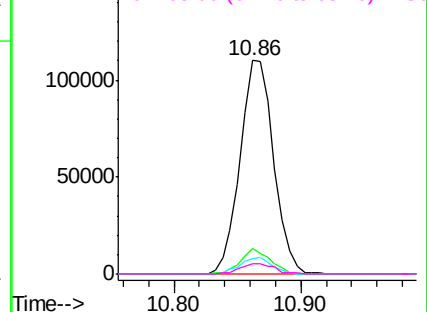
137 11.9 9.2 13.8

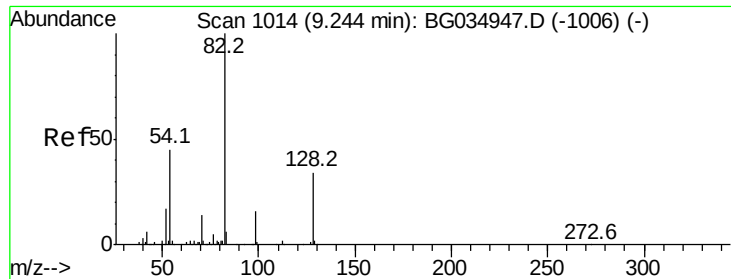
54 7.2 10.3 15.5#

68 4.6 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

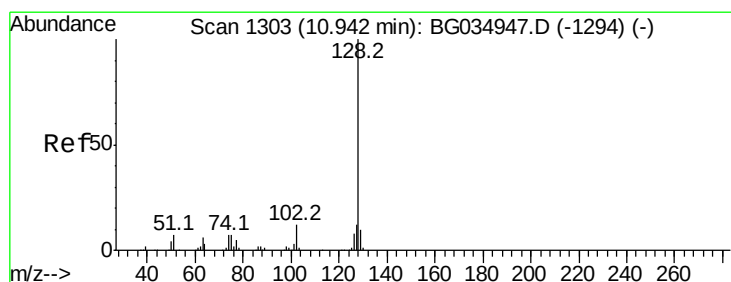
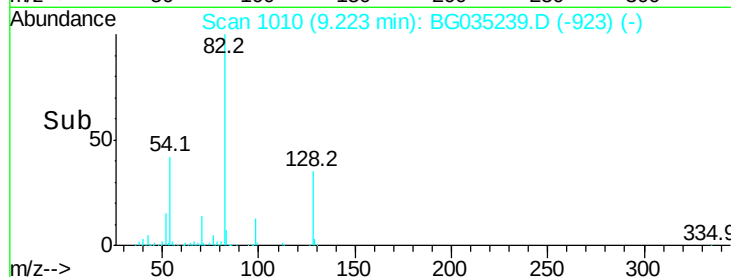
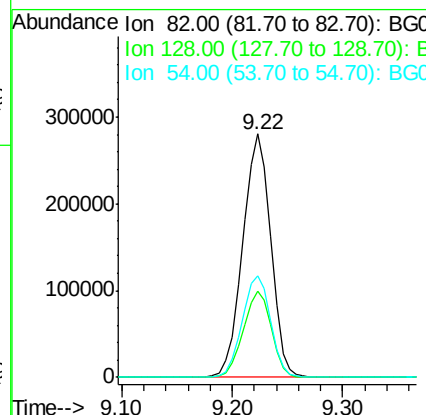
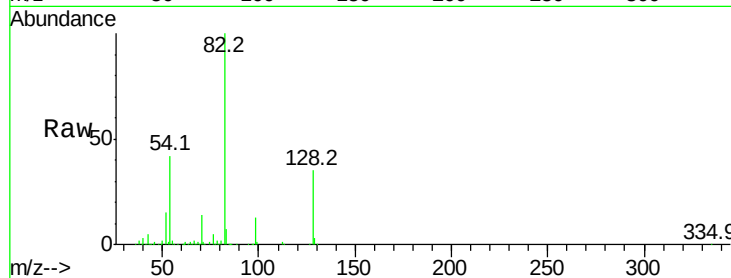




#23
Nitrobenzene-d5
Concen: 117.967 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035239.D
Acq: 19 Jun 2018 5:34

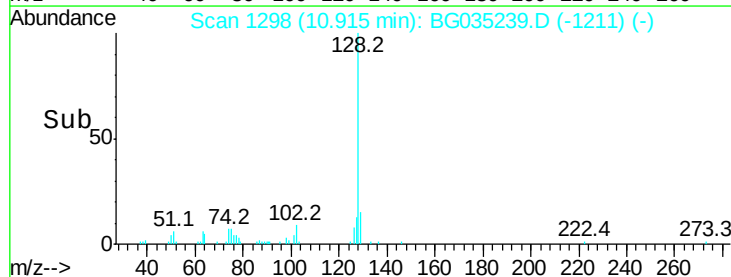
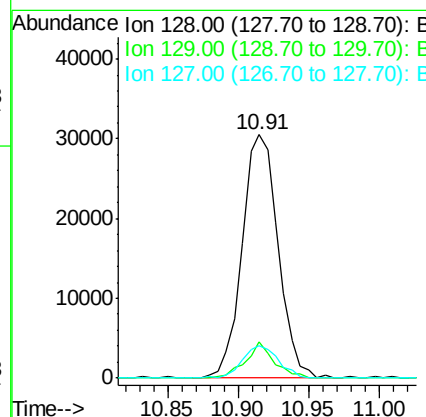
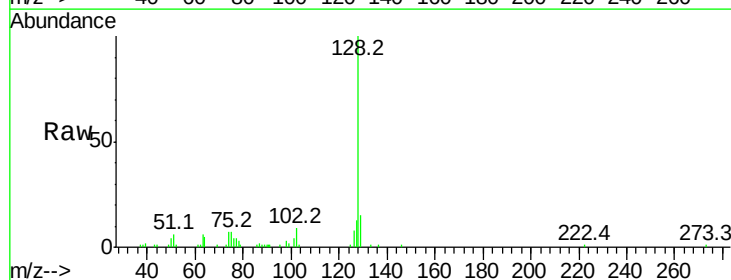
Instrument :
BNA_G
ClientSampleId :
TP-5-S

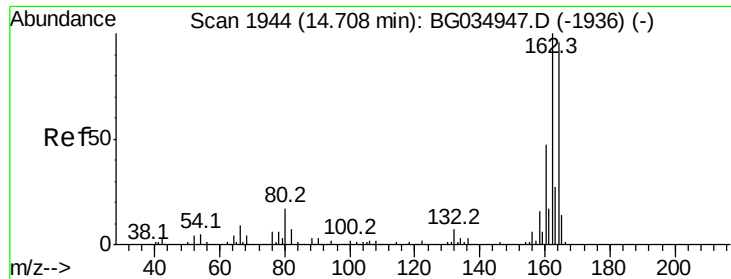
Tot Ion	82	Resp	500342
Ion	Ratio	Lower	Upper
82	100		
128	35.2	29.7	44.5
54	41.9	43.1	64.7#



#31
Naphthalene
Concen: 5.192 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG035239.D
Acq: 19 Jun 2018 5:34

Tgt Ion	128	Resp	54377
Ion	Ratio	Lower	Upper
128	100		
129	14.8	8.6	12.8#
127	13.4	11.6	17.4

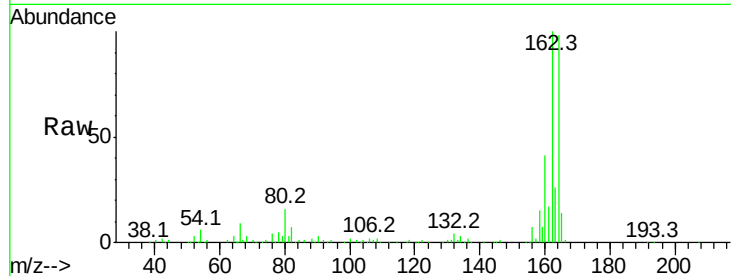




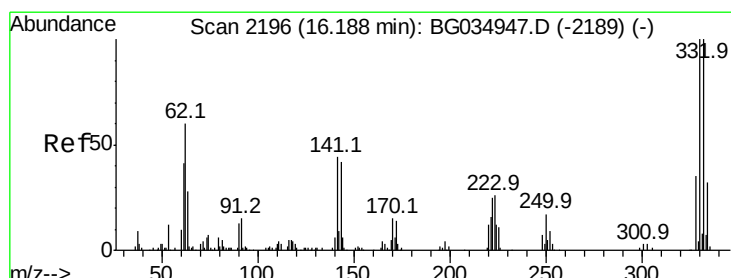
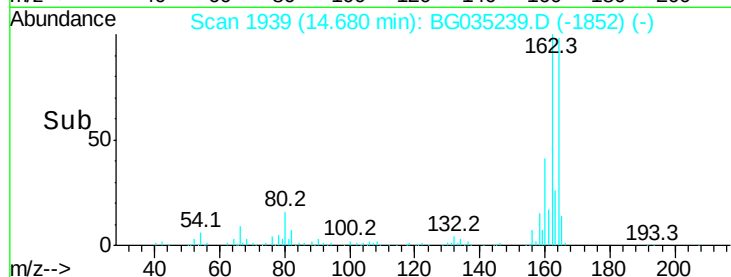
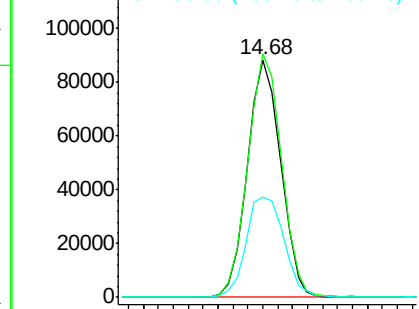
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035239.D
Acq: 19 Jun 2018 5:34

Instrument :
BNA_G
ClientSampleId :
TP-5-S

Tot Ion:164 Resp: 136451
Ion Ratio Lower Upper
164 100
162 102.4 78.8 118.2
160 42.0 35.4 53.0

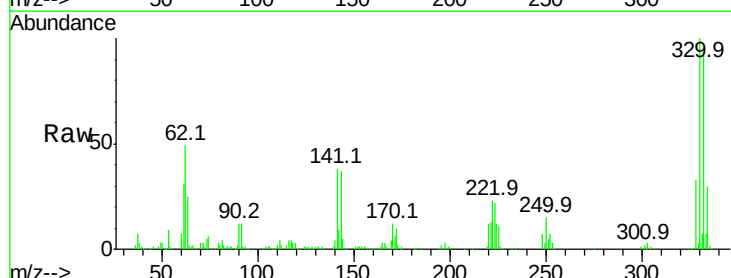


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

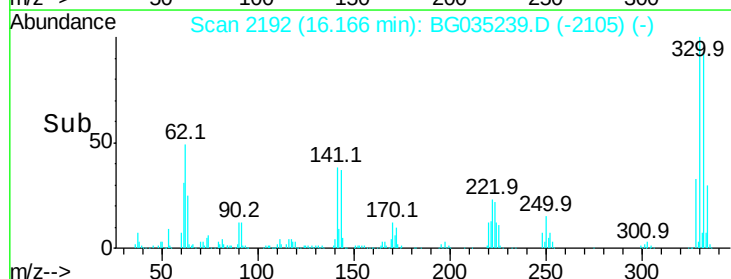
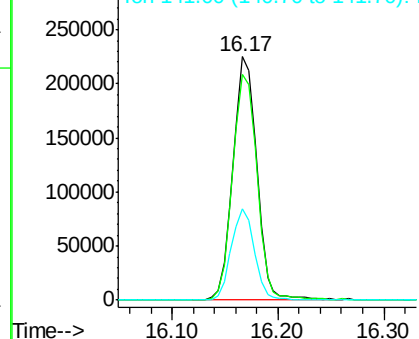


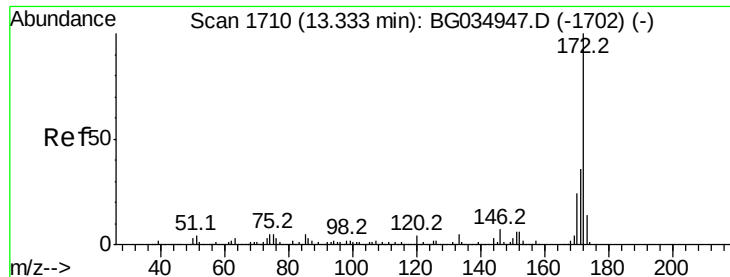
#41
2,4,6-Tribromophenol
Concen: 201.184 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BG035239.D
Acq: 19 Jun 2018 5:34

Tgt Ion:330 Resp: 351417
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.6
141 37.0 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

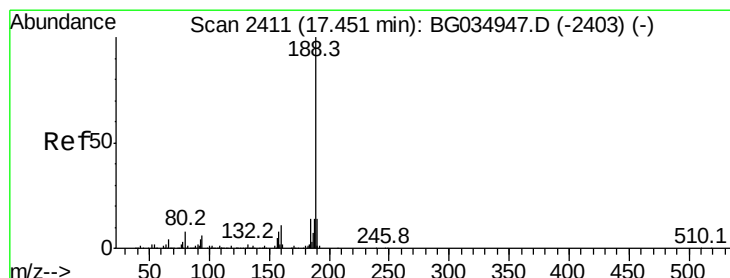
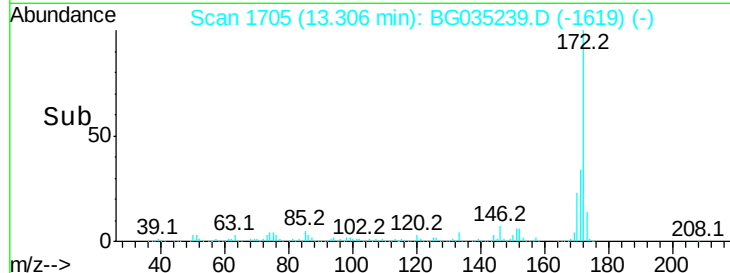
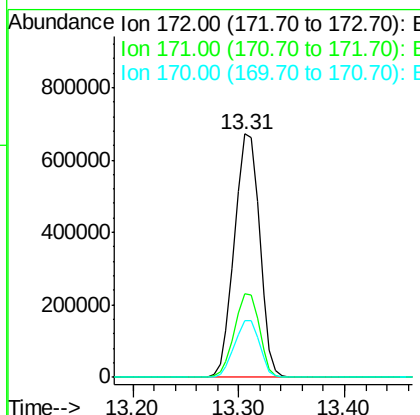
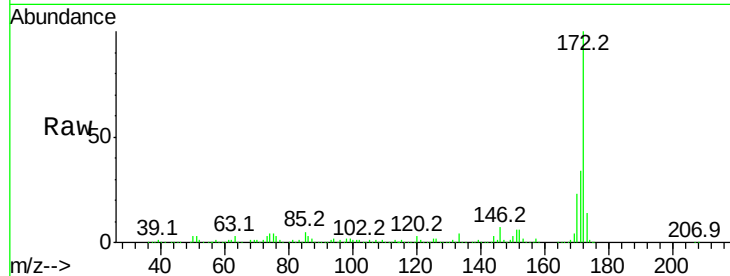




#44
 2-Fluorobiphenyl
 Concen: 105.643 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035239.D
 Acq: 19 Jun 2018 5:34

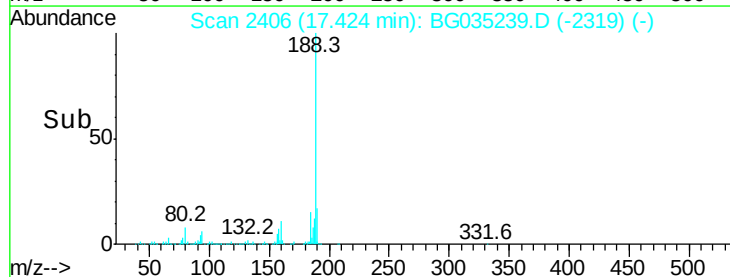
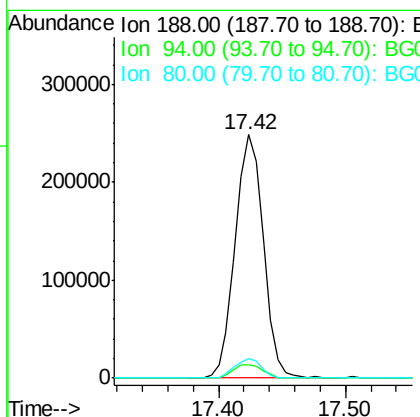
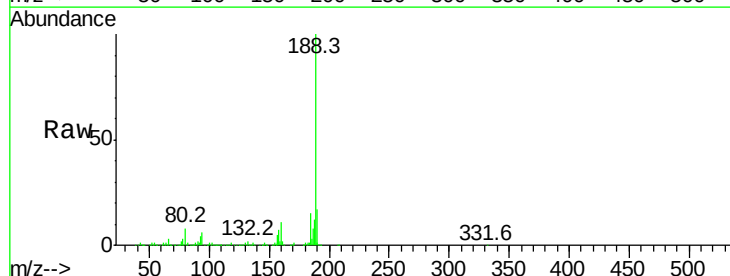
Instrument :
 BNA_G
 ClientSampleId :
 TP-5-S

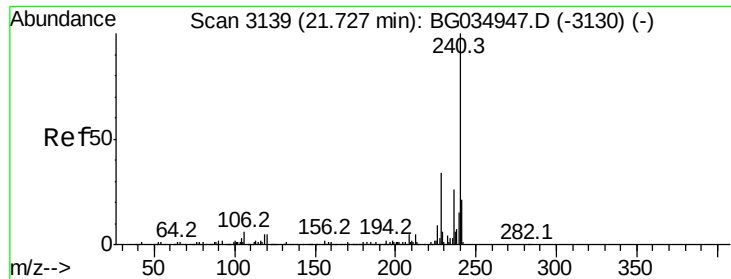
Tot Ion:172 Resp: 1108861
 Ion Ratio Lower Upper
 172 100
 171 34.4 30.0 45.0
 170 23.1 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035239.D
 Acq: 19 Jun 2018 5:34

Tgt Ion:188 Resp: 382934
 Ion Ratio Lower Upper
 188 100
 94 5.6 6.9 10.3#
 80 8.0 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035239.D

Acq: 19 Jun 2018 5:34

Instrument :

BNA_G

ClientSampleId :

TP-5-S

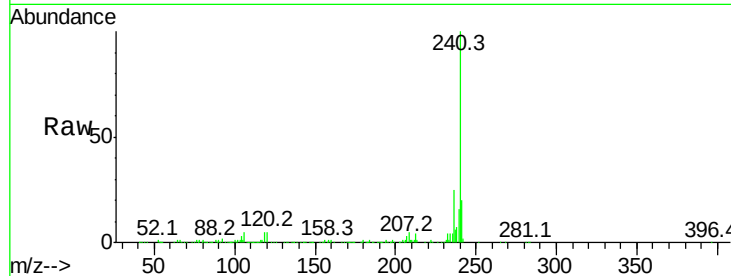
Tot Ion:240 Resp: 386104

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

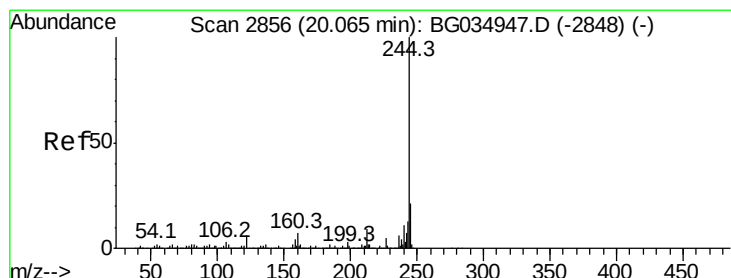
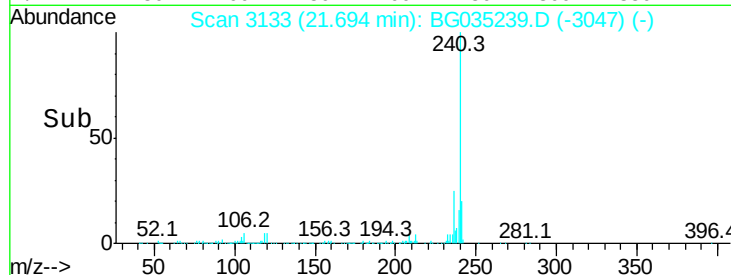
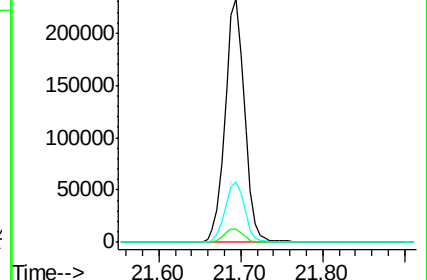
236 24.9 20.9 31.3



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: 108.134 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035239.D

Acq: 19 Jun 2018 5:34

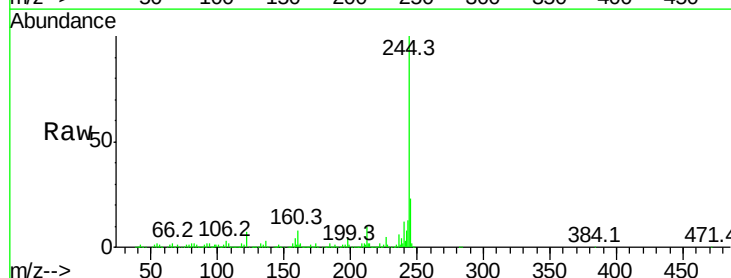
Tgt Ion:244 Resp: 1993196

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

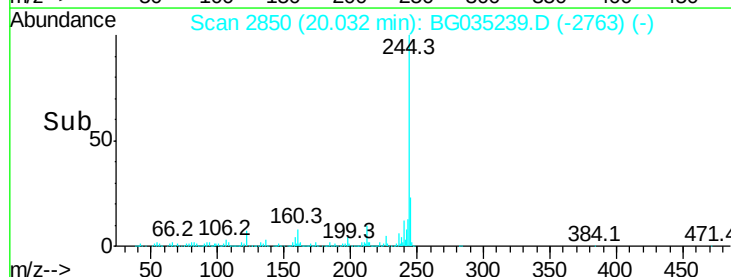
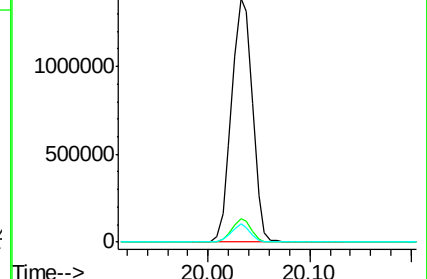
122 7.3 7.0 10.4

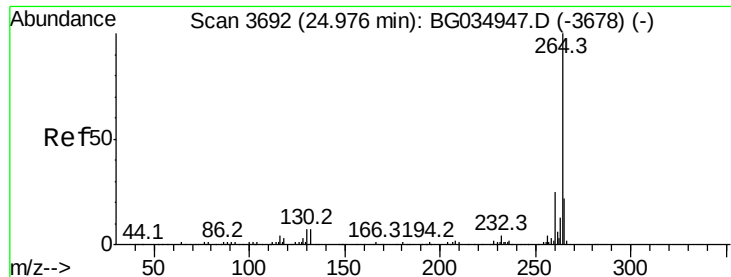


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

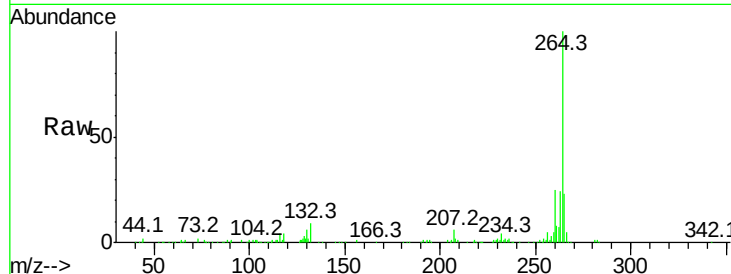




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3682
 Delta R.T. -0.03 min
 Lab File: BG035239.D
 Acq: 19 Jun 2018 5:34

Instrument :
 BNA_G
 ClientSampleId :
 TP-5-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	23.3	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

