

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
 Data File : BG035222.D
 Acq On : 18 Jun 2018 17:13
 Operator : SJ/JU
 Sample : J3464-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-42-COMP

Quant Time: Jun 18 17:48:20 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

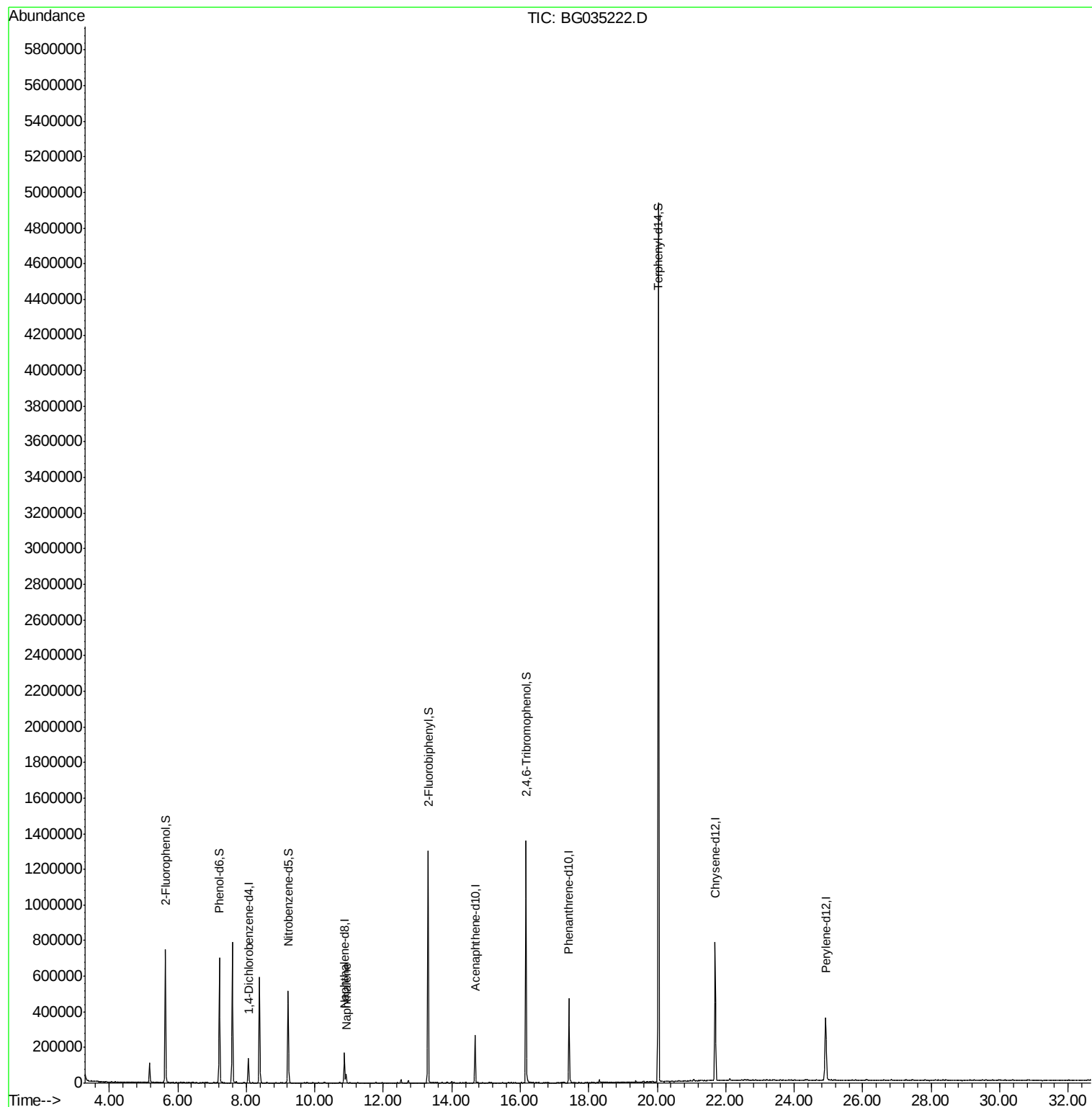
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	39676	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	139775	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	95547	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	308168	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	490869	20.00	ng	-0.02
86) Perylene-d12	24.92	264	404508	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	326627	138.93	ng	0.00
7) Phenol-d6	7.22	99	423046	121.92	ng	0.00
23) Nitrobenzene-d5	9.22	82	338532	115.13	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	255286	208.72	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	729862	99.30	ng	-0.02
78) Terphenyl-d14	20.04	244	2326154	99.26	ng	-0.01
Target Compounds						
31) Naphthalene	10.92	128	39460	5.434	ng	Qvalue 96

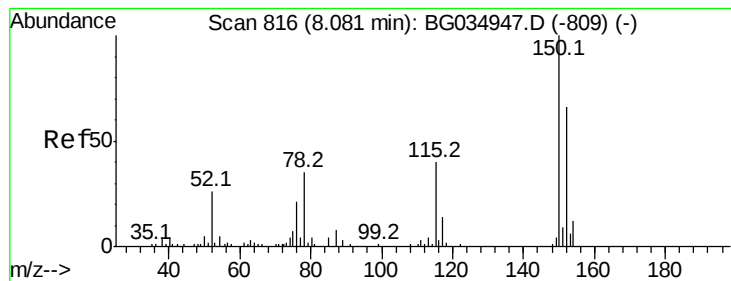
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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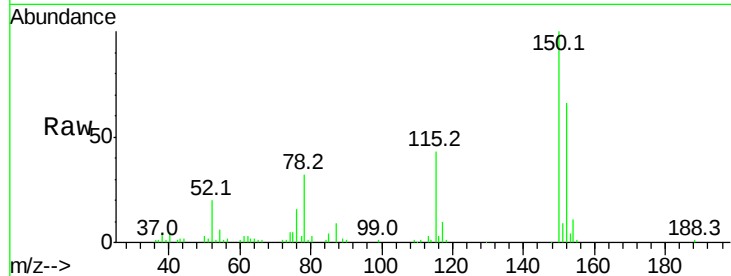


#1

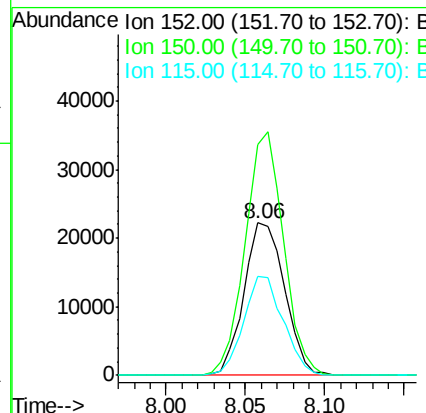
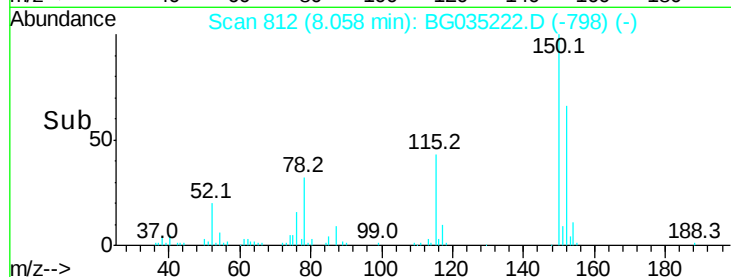
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035222.D
Acq: 18 Jun 2018 17:13

Instrument :
BNA_G
ClientSampleId :
SB-42-COMP

Tot Ion:152 Resp: 39676
Ion Ratio Lower Upper
152 100
150 151.2 126.6 189.8
115 65.3 53.0 79.4



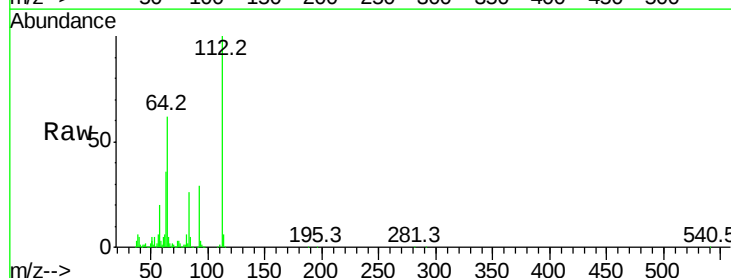
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



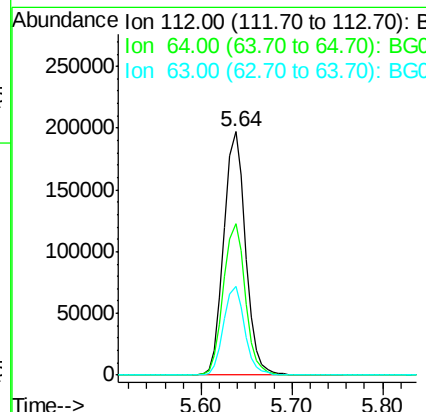
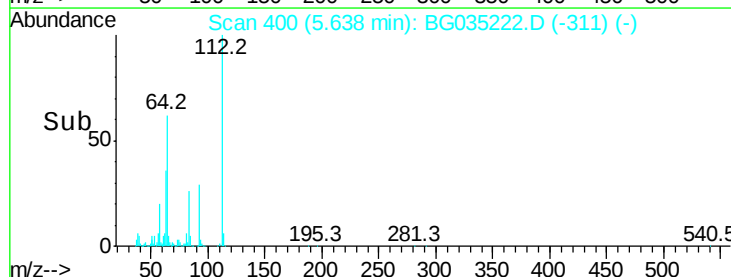
#5

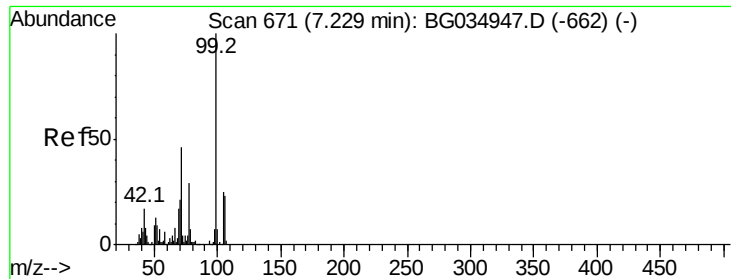
2-Fluorophenol
Concen: 138.930 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035222.D
Acq: 18 Jun 2018 17:13

Tgt Ion:112 Resp: 326627
Ion Ratio Lower Upper
112 100
64 62.4 56.3 84.5
63 36.5 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: 121.916 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035222.D

Acq: 18 Jun 2018 17:13

Instrument :

BNA_G

ClientSampleId :

SB-42-COMP

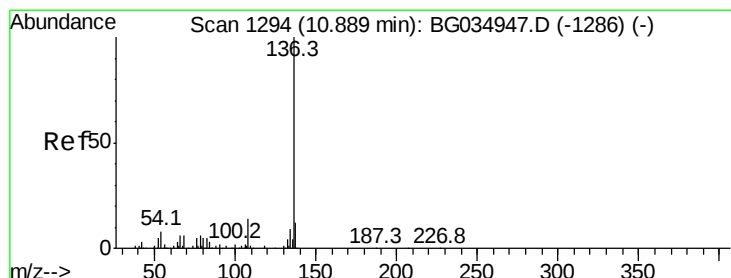
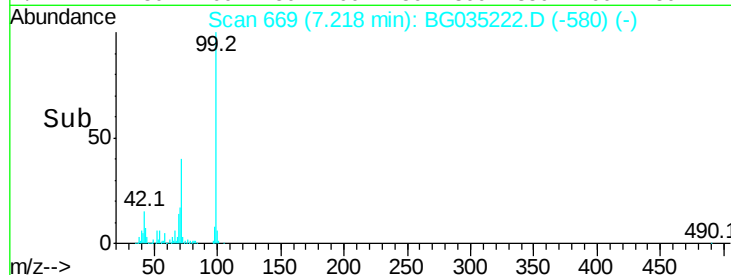
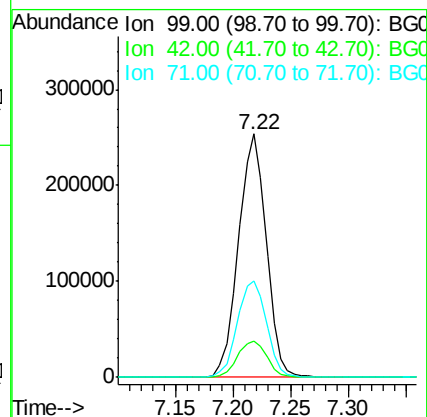
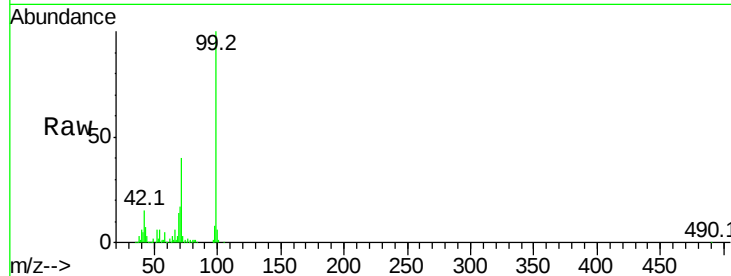
Tot Ion: 99 Resp: 423046

Ion Ratio Lower Upper

99 100

42 15.0 14.1 21.1

71 39.8 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035222.D

Acq: 18 Jun 2018 17:13

Tgt Ion: 136 Resp: 139775

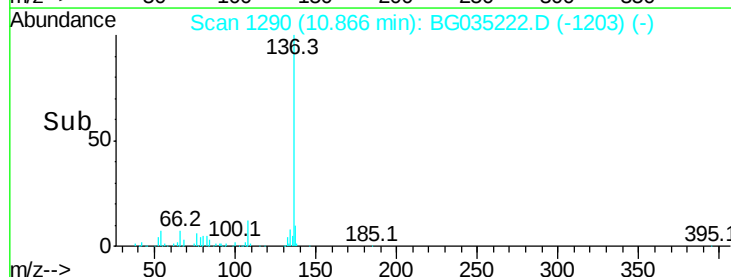
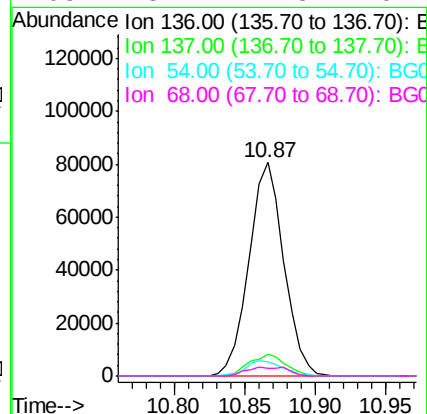
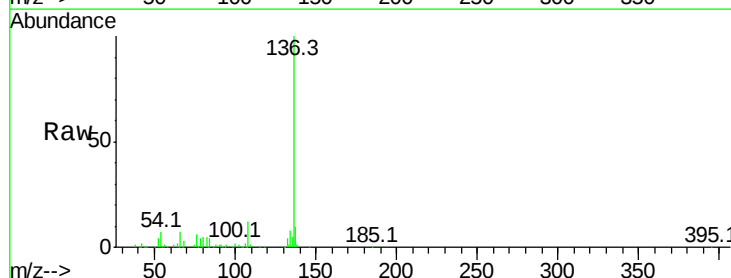
Ion Ratio Lower Upper

136 100

137 10.1 9.2 13.8

54 6.8 10.3 15.5#

68 3.4 4.5 6.7#

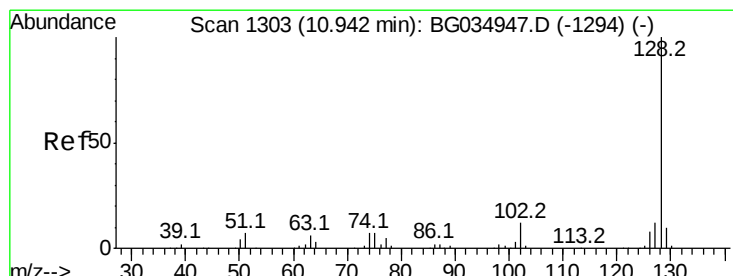
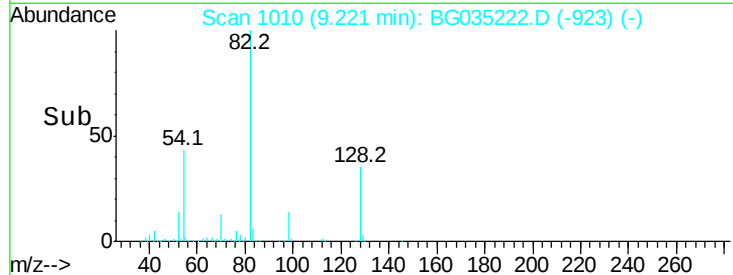
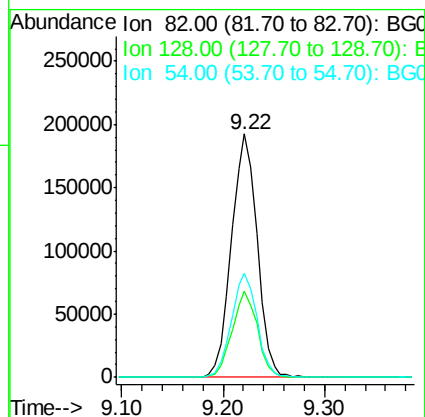
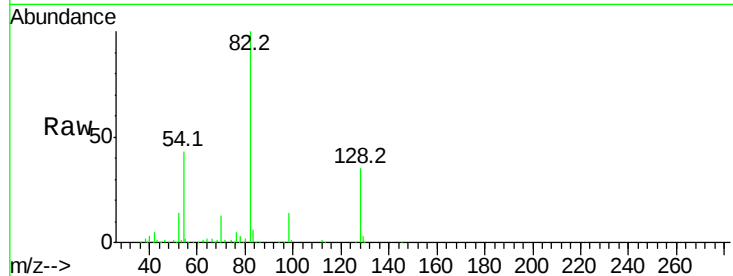




#23
Nitrobenzene-d5
Concen: 115.127 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035222.D
Acq: 18 Jun 2018 17:13

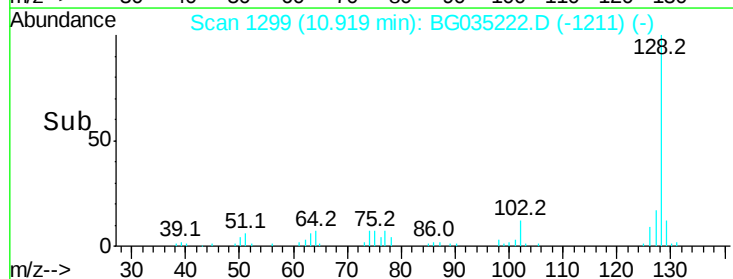
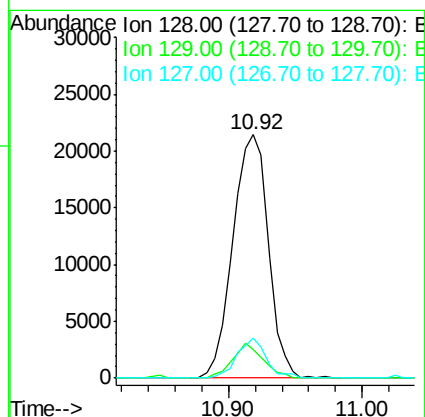
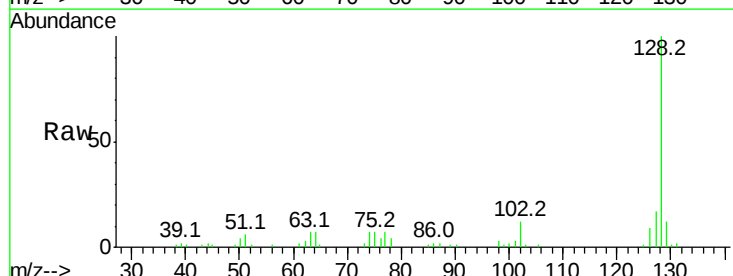
Instrument :
BNA_G
ClientSampleId :
SB-42-COMP

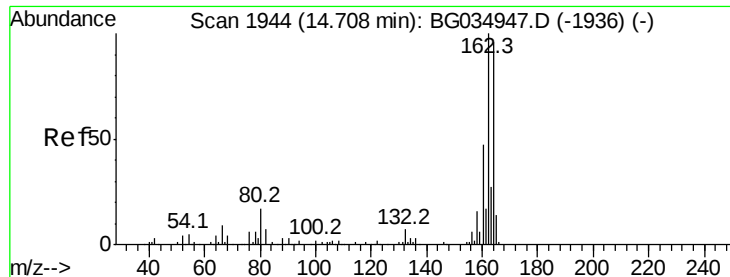
Tot Ion: 82 Resp: 338532
Ion Ratio Lower Upper
82 100
128 35.3 29.7 44.5
54 42.7 43.1 64.7#



#31
Naphthalene
Concen: 5.434 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG035222.D
Acq: 18 Jun 2018 17:13

Tgt Ion: 128 Resp: 39460
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 16.6 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG035222.D

Acq: 18 Jun 2018 17:13

Instrument :

BNA_G

ClientSampleId :

SB-42-COMP

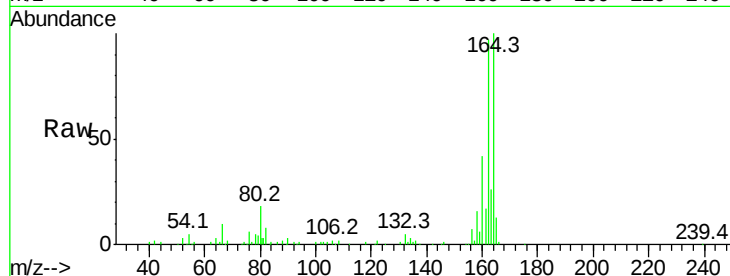
Tot Ion:164 Resp: 95547

Ion	Ratio	Lower	Upper
164	100		
162	96.7	78.8	118.2
160	42.0	35.4	53.0

164 100

162 96.7 78.8 118.2

160 42.0 35.4 53.0

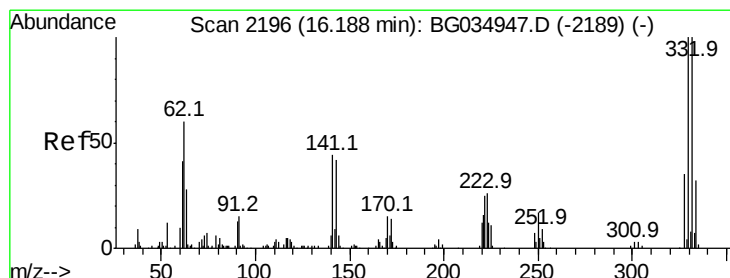
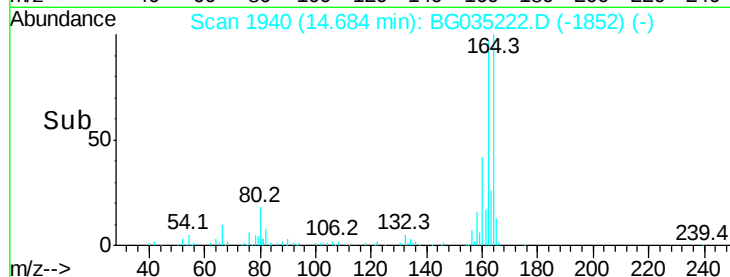
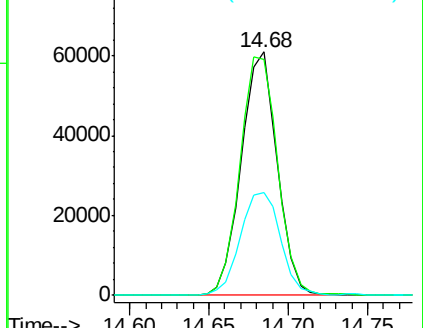


Abundance

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: 208.717 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG035222.D

Acq: 18 Jun 2018 17:13

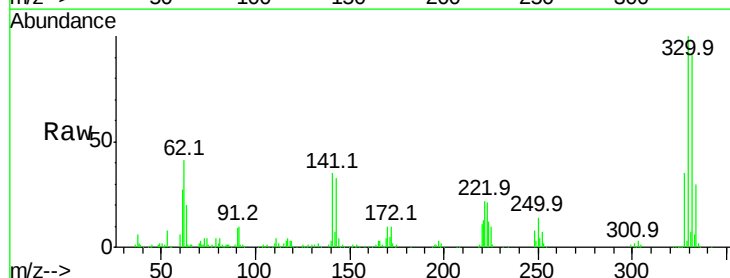
Tgt Ion:330 Resp: 255286

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	37.8	25.2	37.8

330 100

332 95.0 77.0 115.6

141 37.8 25.2 37.8

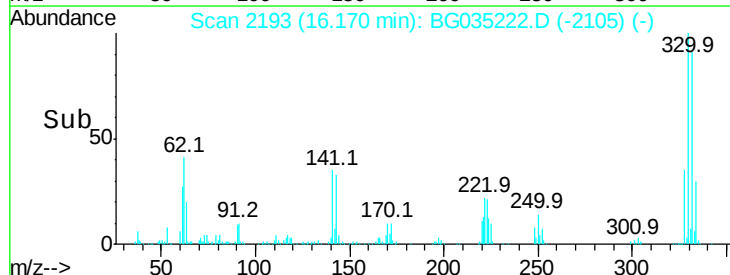
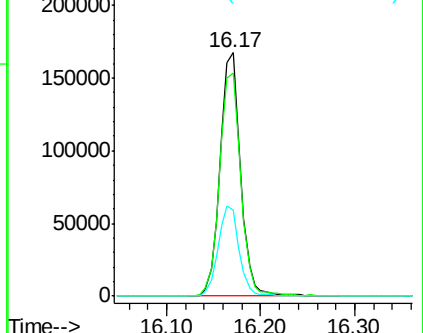


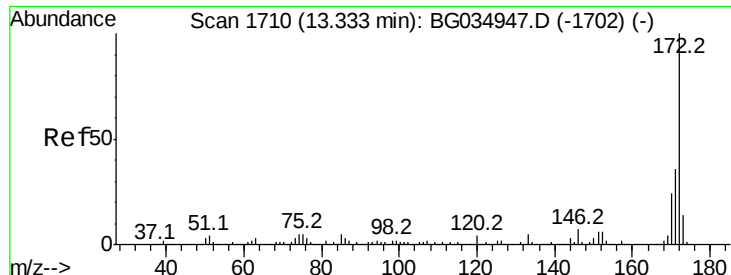
Abundance

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

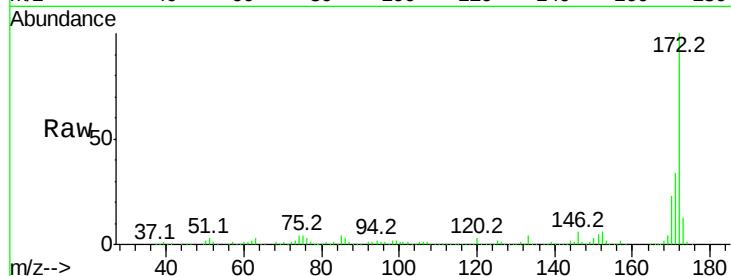




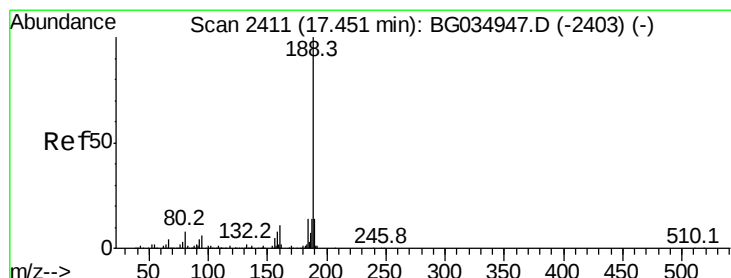
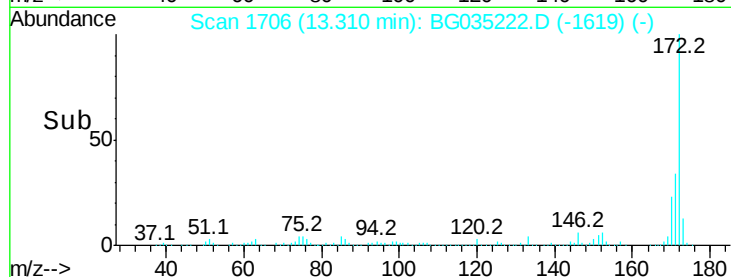
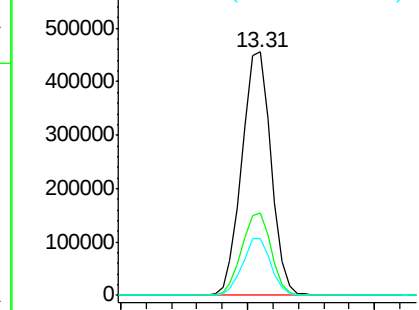
#44
 2-Fluorobiphenyl
 Concen: 99.304 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035222.D
 Acq: 18 Jun 2018 17:13

Instrument :
 BNA_G
 ClientSampleId :
 SB-42-COMP

Tot Ion:172 Resp: 729862
 Ion Ratio Lower Upper
 172 100
 171 33.8 30.0 45.0
 170 23.1 19.5 29.3

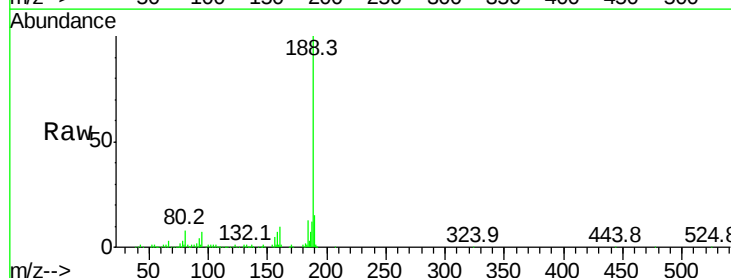


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

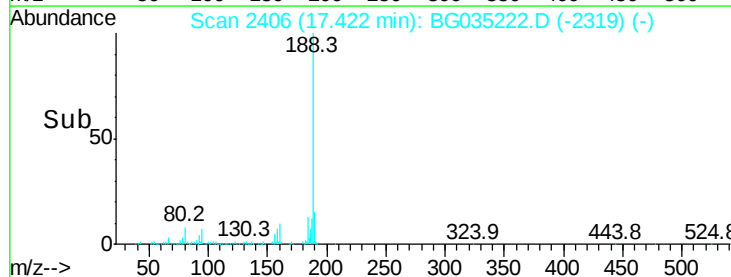
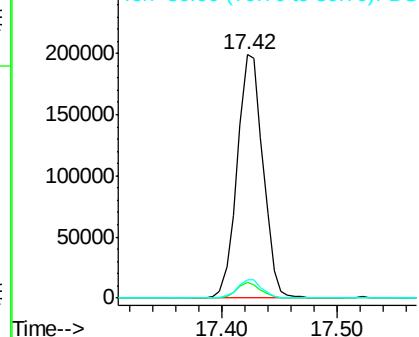


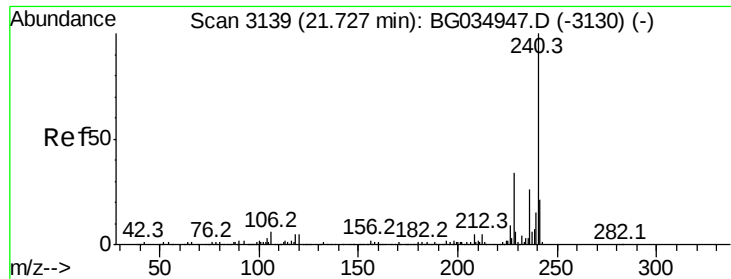
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035222.D
 Acq: 18 Jun 2018 17:13

Tgt Ion:188 Resp: 308168
 Ion Ratio Lower Upper
 188 100
 94 6.7 6.9 10.3#
 80 7.6 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035222.D

Acq: 18 Jun 2018 17:13

Instrument :

BNA_G

ClientSampleId :

SB-42-COMP

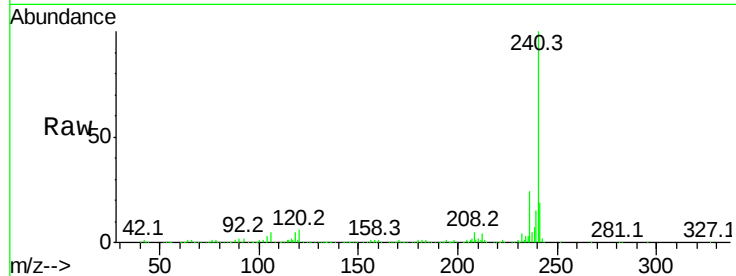
Tot Ion:240 Resp: 490869

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

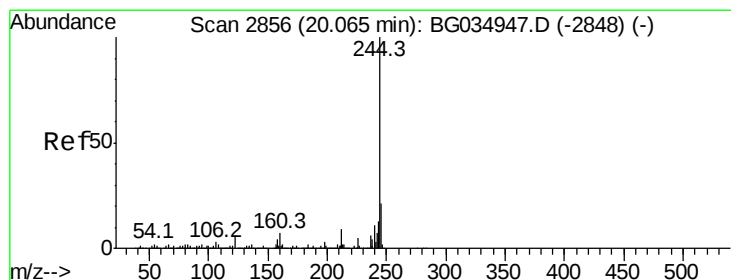
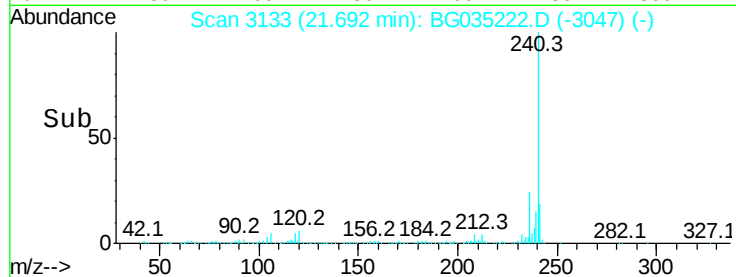
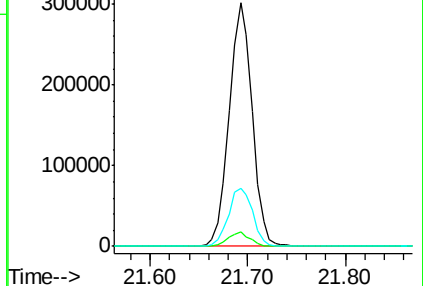
236 24.0 20.9 31.3



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: 99.263 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035222.D

Acq: 18 Jun 2018 17:13

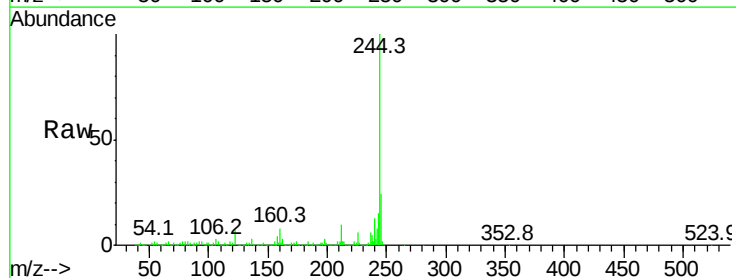
Tgt Ion:244 Resp: 2326154

Ion Ratio Lower Upper

244 100

212 10.3 5.8 8.8#

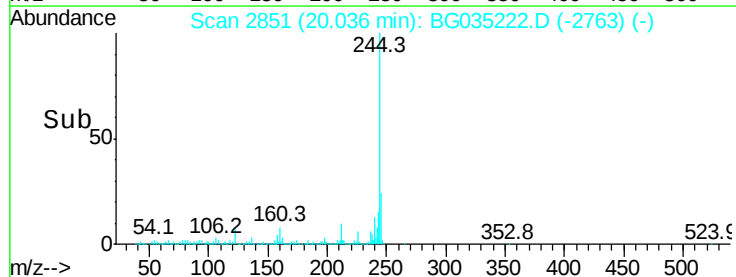
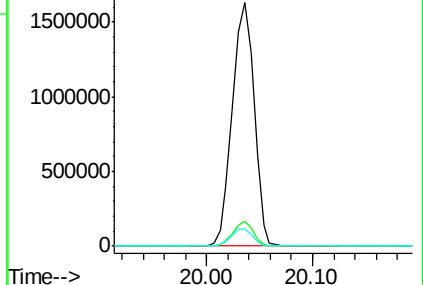
122 7.2 7.0 10.4

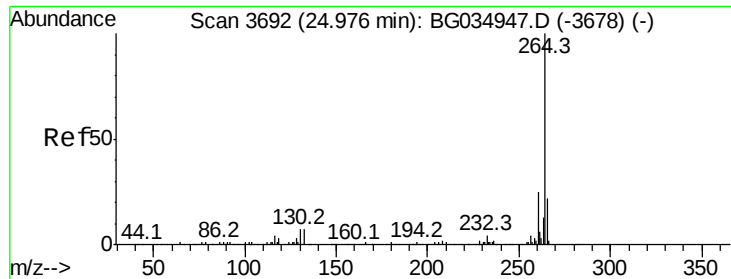


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

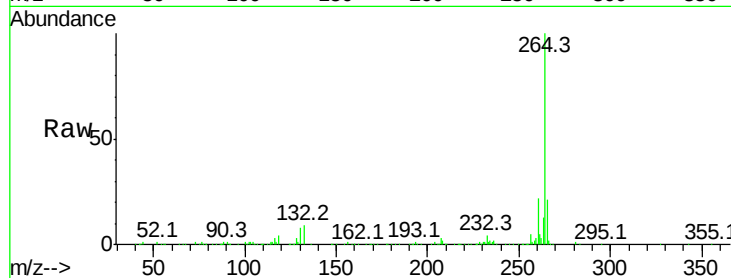




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.04 min
Lab File: BG035222.D
Acq: 18 Jun 2018 17:13

Instrument :
BNA_G
ClientSampleId :
SB-42-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	20.5	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

