

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
 Data File : BG035238.D
 Acq On : 19 Jun 2018 4:55
 Operator : SJ/JU
 Sample : J3244-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-061518

Quant Time: Jun 19 10:57:27 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

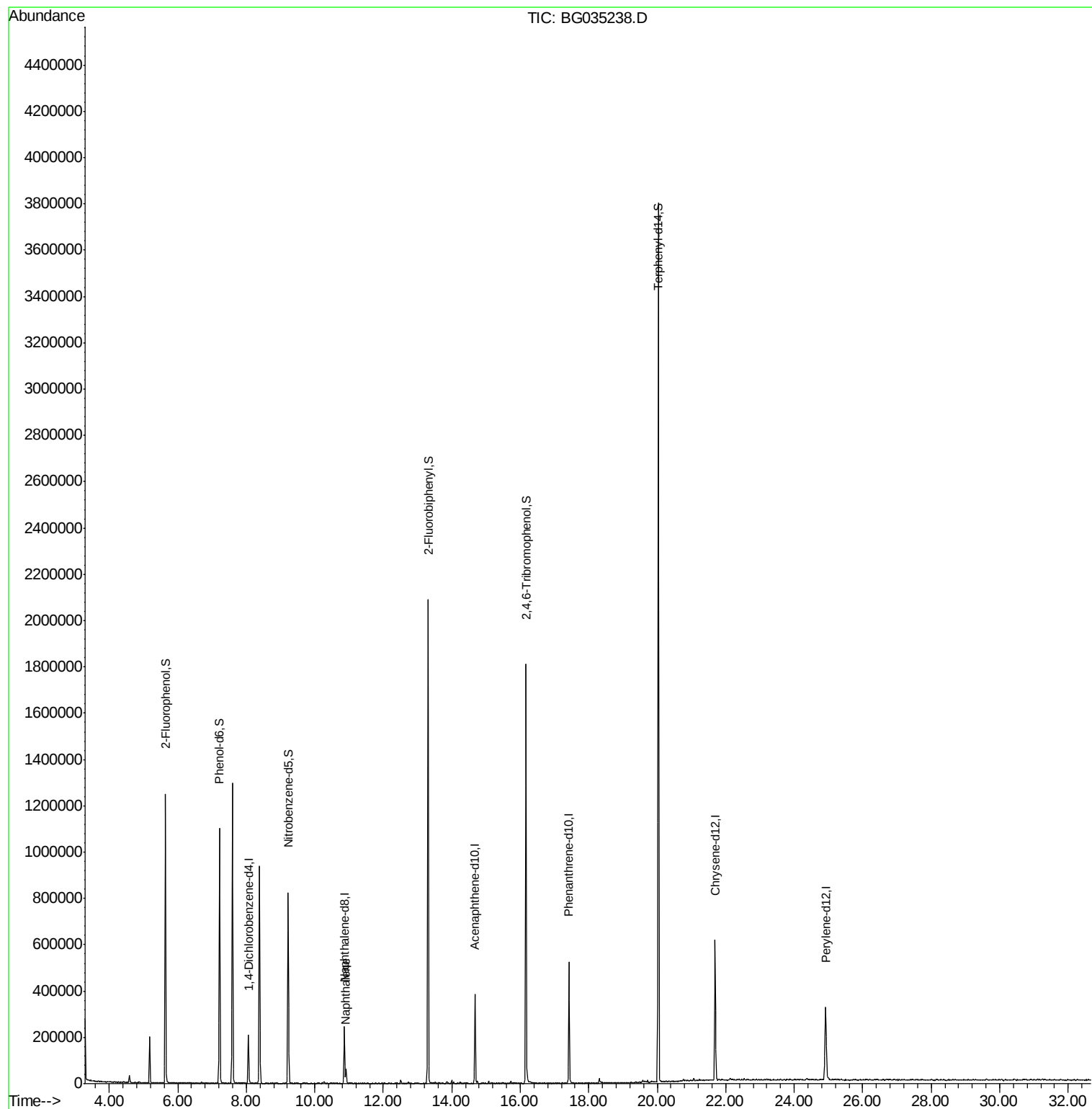
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	60971	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	206670	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	138919	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	347247	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	381654	20.00	ng	-0.02
86) Perylene-d12	24.92	264	369008	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	526379	145.70	ng	0.00
7) Phenol-d6	7.22	99	675471	126.67	ng	0.00
23) Nitrobenzene-d5	9.22	82	543006	124.89	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	347243	195.26	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	1153586	107.95	ng	-0.02
78) Terphenyl-d14	20.04	244	1865422	102.38	ng	-0.01
Target Compounds						
31) Naphthalene	10.91	128	49042	4.568	ng	Qvalue # 95

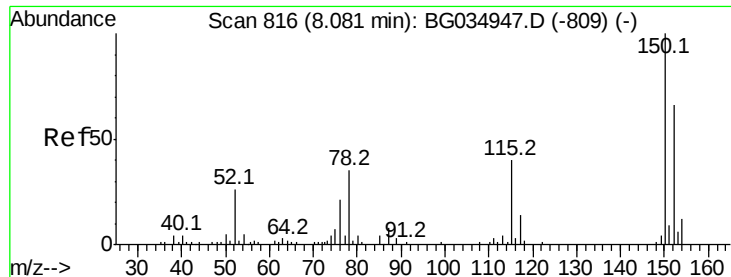
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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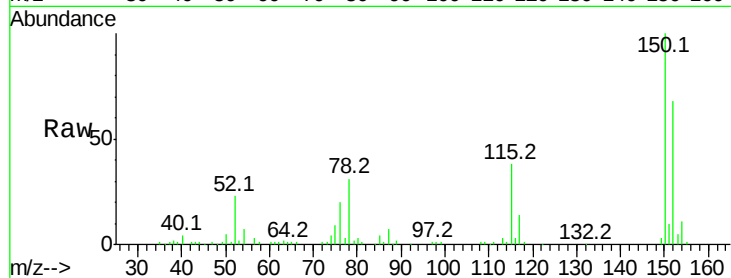


#1

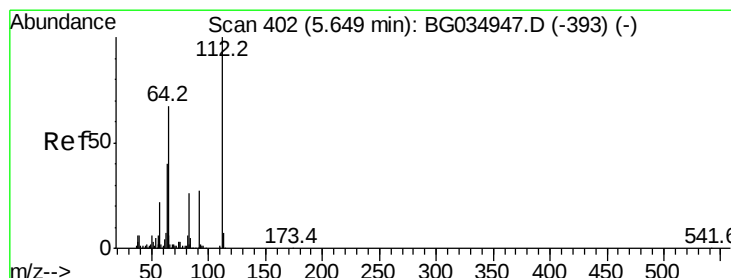
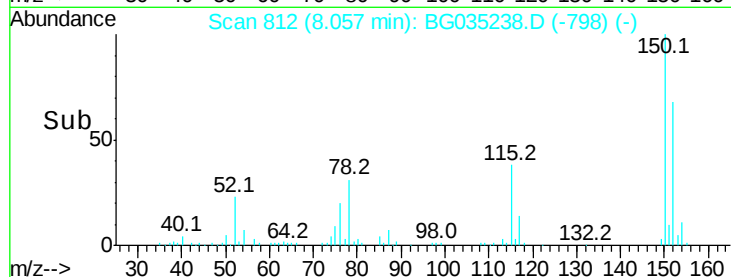
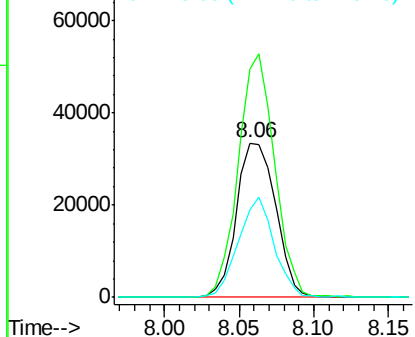
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035238.D
Acq: 19 Jun 2018 4:55

Instrument :
BNA_G
ClientSampleId :
HD-01-061518

Tot Ion:152 Resp: 60971
Ion Ratio Lower Upper
152 100
150 147.8 126.6 189.8
115 56.4 53.0 79.4



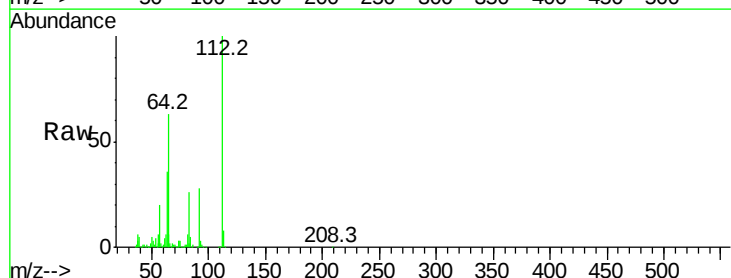
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



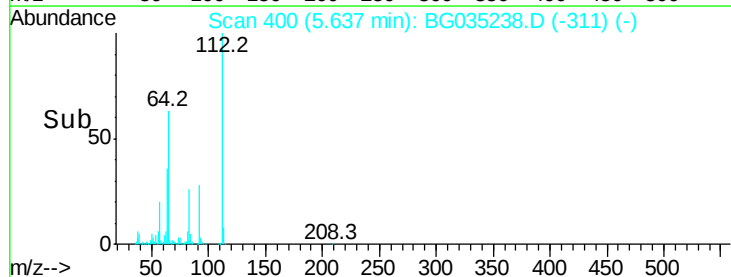
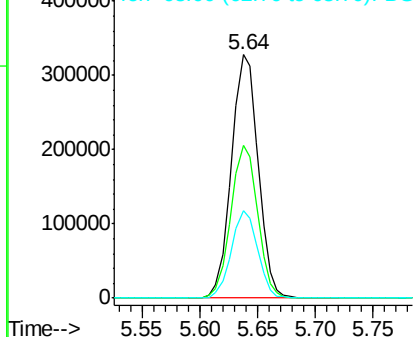
#5

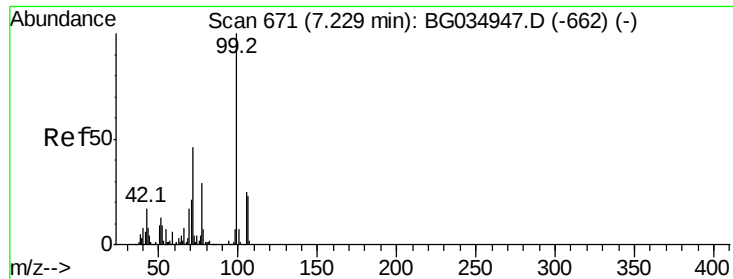
2-Fluorophenol
Concen: 145.696 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035238.D
Acq: 19 Jun 2018 4:55

Tgt Ion:112 Resp: 526379
Ion Ratio Lower Upper
112 100
64 62.6 56.3 84.5
63 36.1 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: 126.674 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035238.D

Acq: 19 Jun 2018 4:55

Instrument :

BNA_G

ClientSampleId :

HD-01-061518

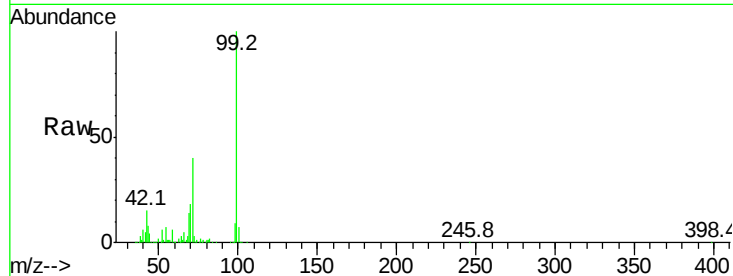
Tot Ion: 99 Resp: 675471

Ion Ratio Lower Upper

99 100

42 14.5 14.1 21.1

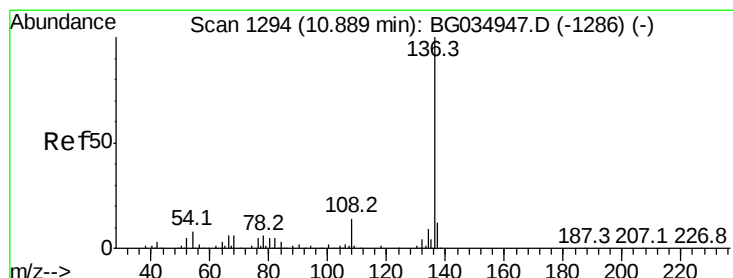
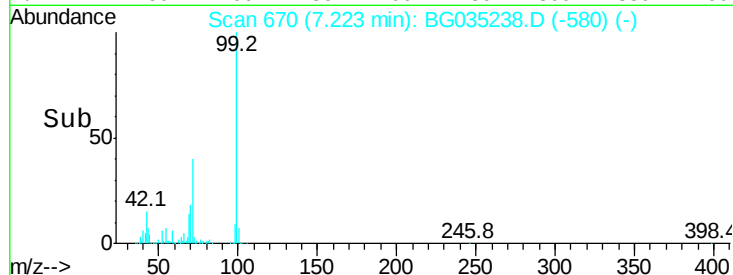
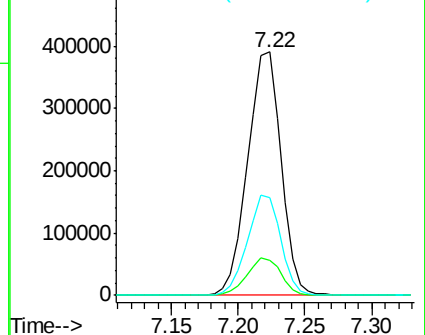
71 40.4 26.1 39.1#



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: BG035238.D

Acq: 19 Jun 2018 4:55

Tgt Ion: 136 Resp: 206670

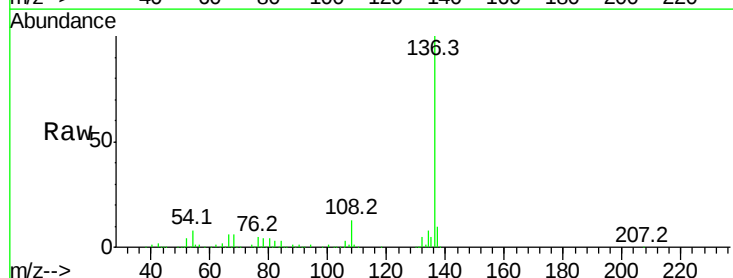
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 8.3 10.3 15.5#

68 5.9 4.5 6.7

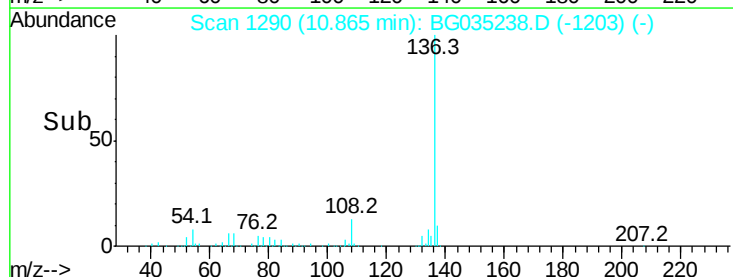
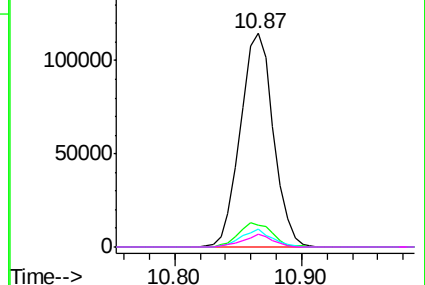


Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 124.892 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035238.D

Acq: 19 Jun 2018 4:55

Instrument :

BNA_G

ClientSampleId :

HD-01-061518

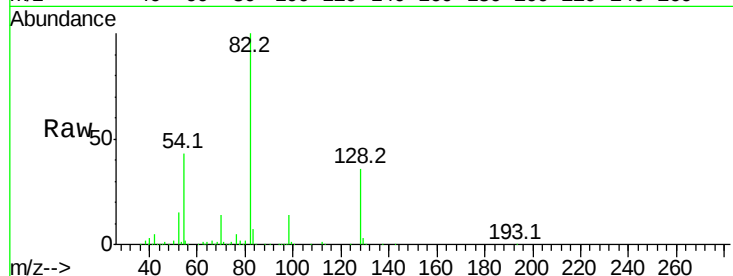
Tot Ion: 82 Resp: 543006

Ion Ratio Lower Upper

82 100

128 35.9 29.7 44.5

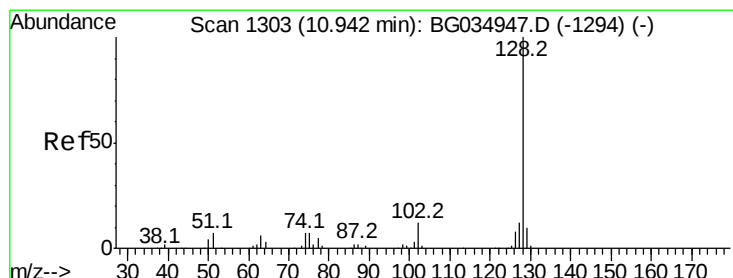
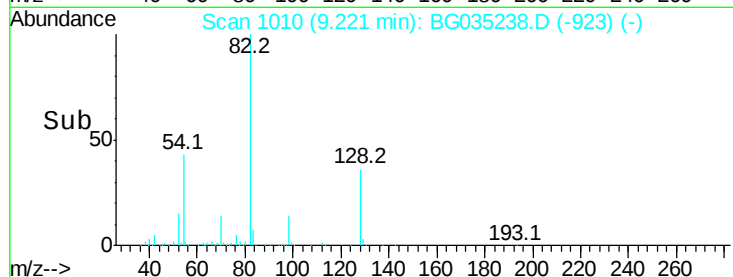
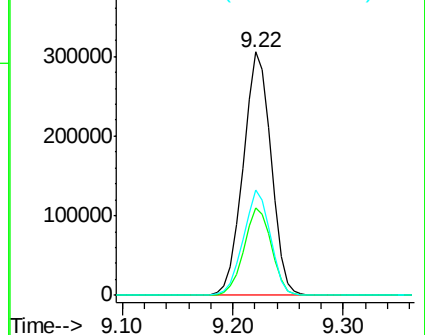
54 43.1 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#31

Naphthalene

Concen: 4.568 ng

RT: 10.91 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BG035238.D

Acq: 19 Jun 2018 4:55

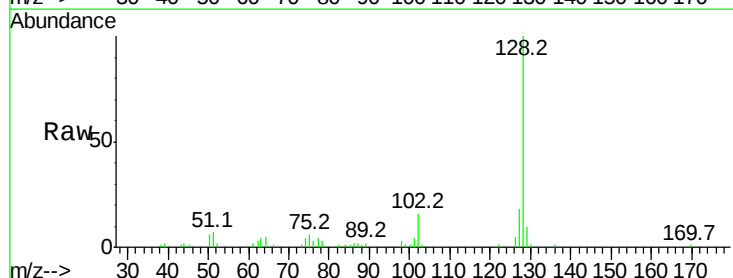
Tgt Ion:128 Resp: 49042

Ion Ratio Lower Upper

128 100

129 10.4 8.6 12.8

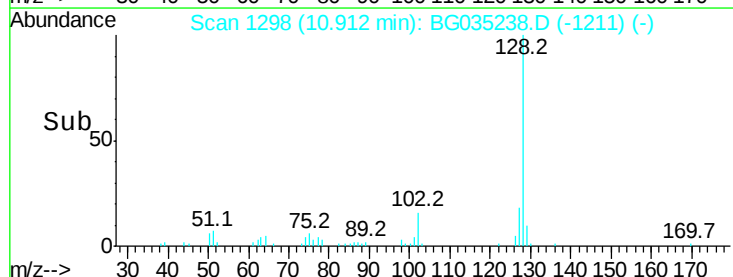
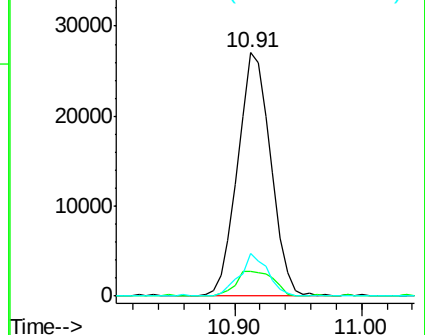
127 17.7 11.6 17.4#

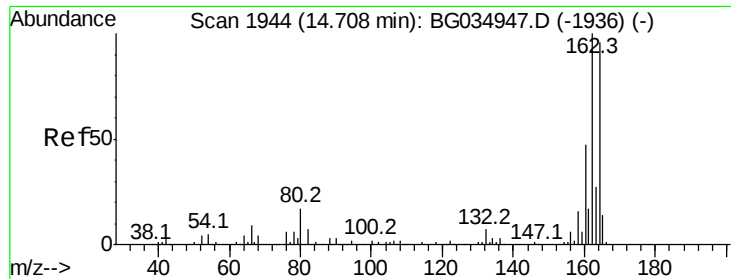


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG035238.D

Acq: 19 Jun 2018 4:55

Instrument :

BNA_G

ClientSampleId :

HD-01-061518

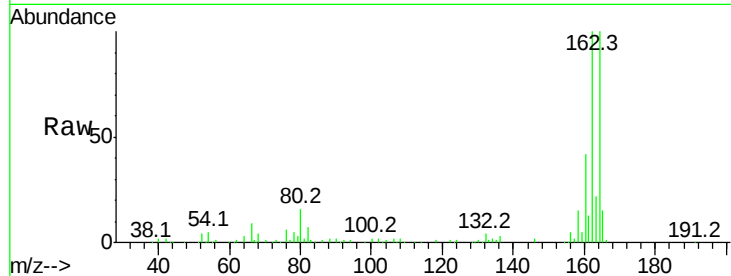
Tot Ion:164 Resp: 138919

Ion Ratio Lower Upper

164 100

162 100.1 78.8 118.2

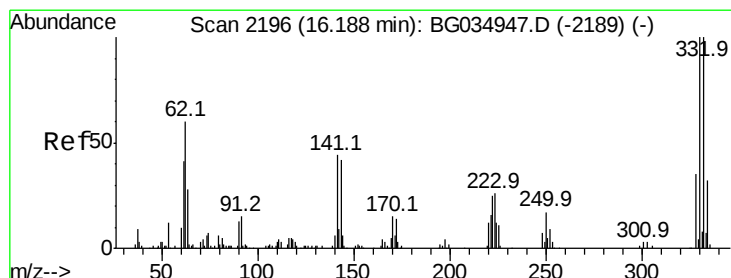
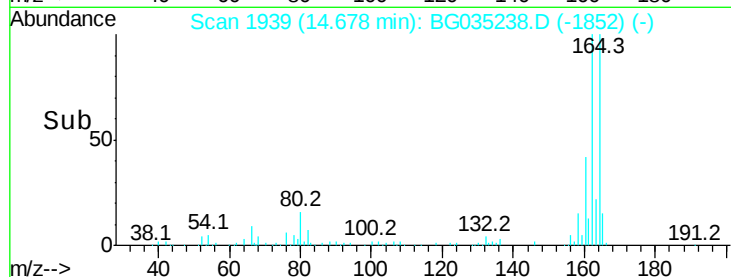
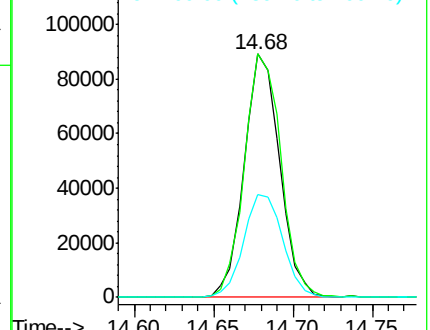
160 42.4 35.4 53.0



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: 195.262 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG035238.D

Acq: 19 Jun 2018 4:55

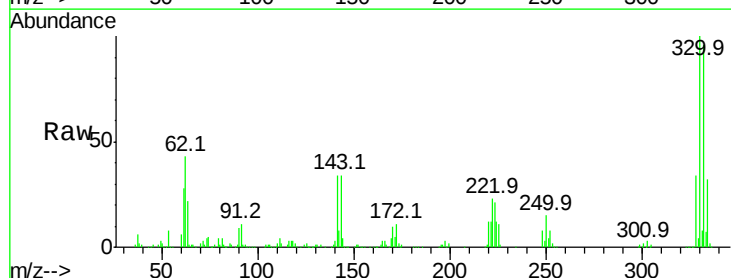
Tgt Ion:330 Resp: 347243

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

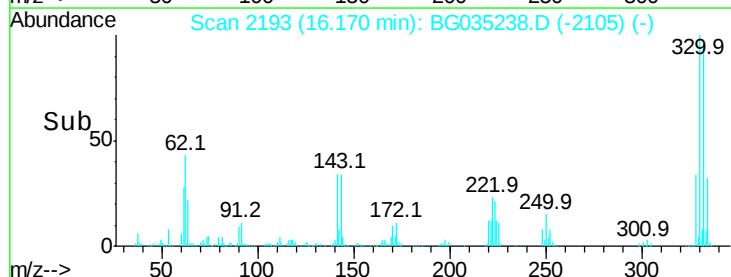
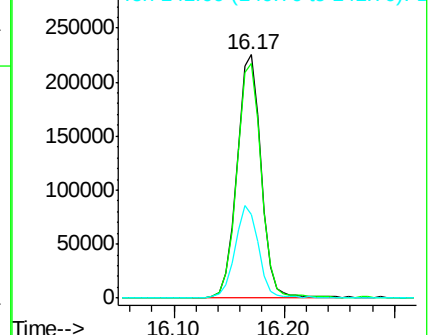
141 37.4 25.2 37.8

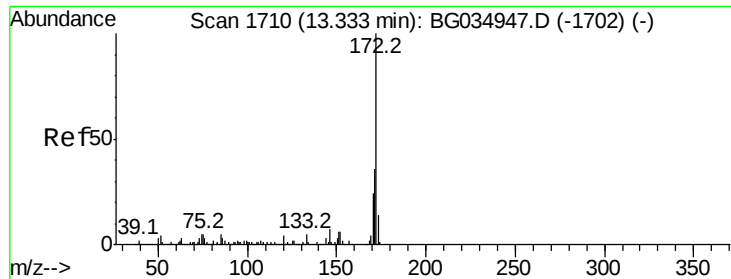


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



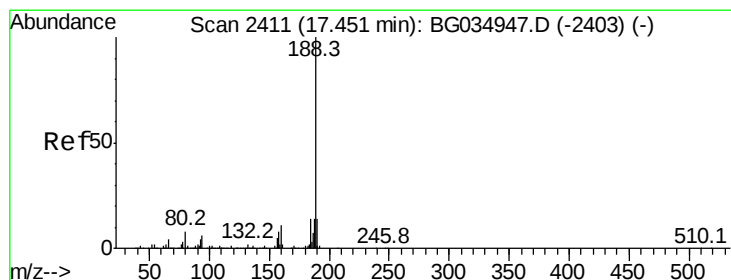
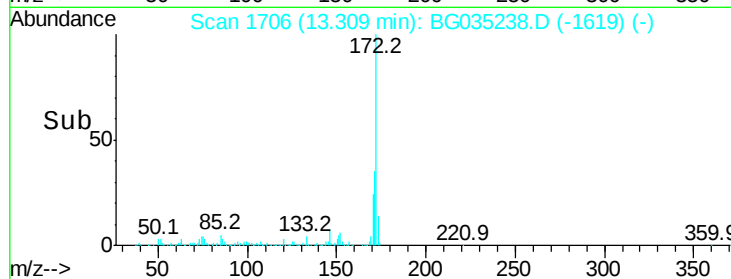
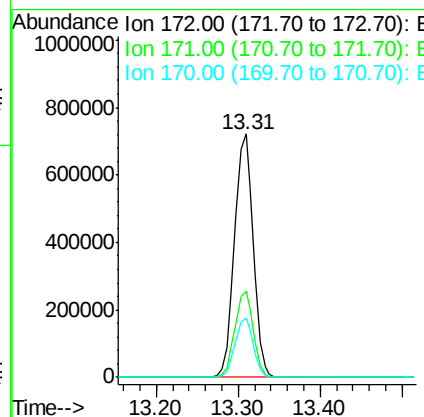
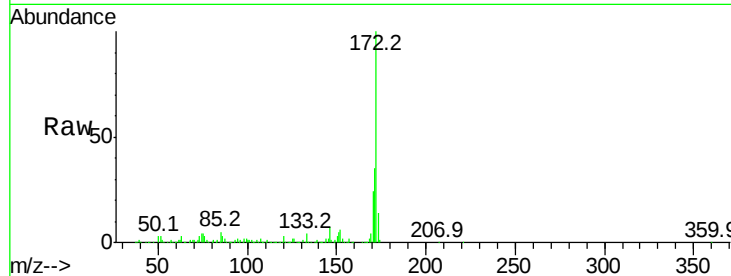


#44
 2-Fluorobiphenyl
 Concen: 107.952 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035238.D
 Acq: 19 Jun 2018 4:55

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-061518

Tot Ion:172 Resp: 1153586

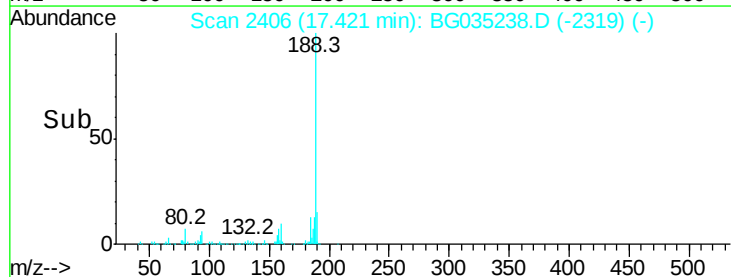
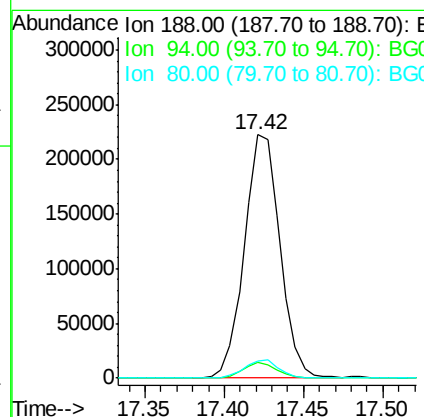
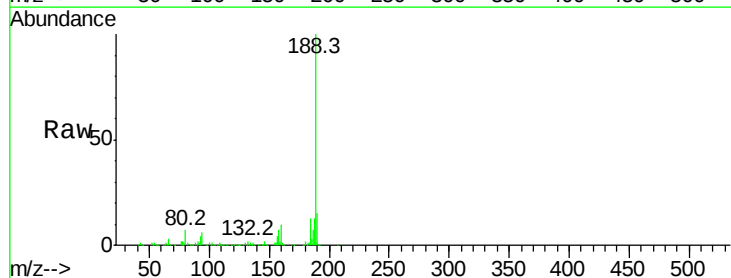
Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.0	45.0
170	24.2	19.5	29.3

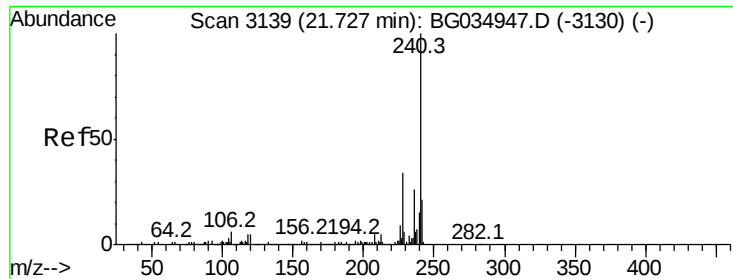


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035238.D
 Acq: 19 Jun 2018 4:55

Tgt Ion:188 Resp: 347247

Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	6.8	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: BG035238.D

Acq: 19 Jun 2018 4:55

Instrument :

BNA_G

ClientSampleId :

HD-01-061518

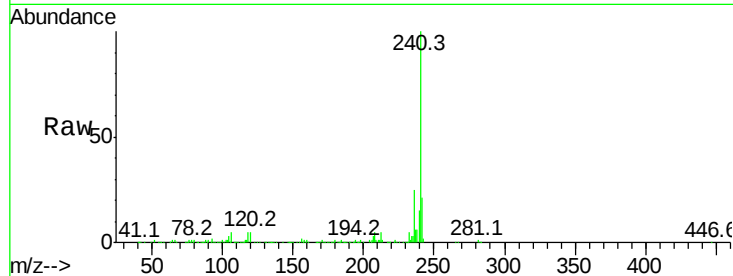
Tot Ion:240 Resp: 381654

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

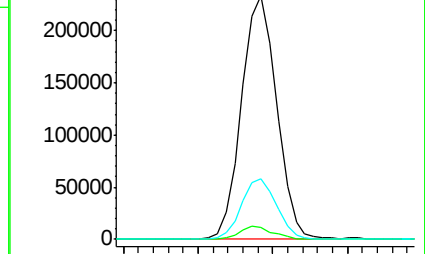
236 25.1 20.9 31.3



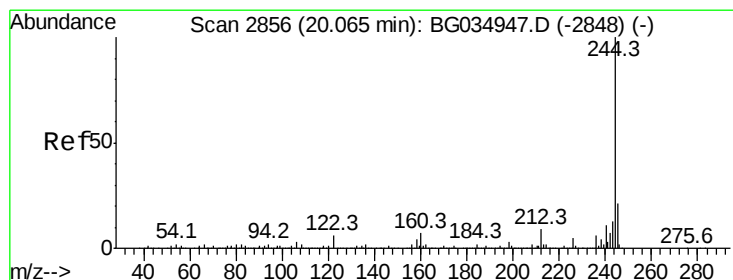
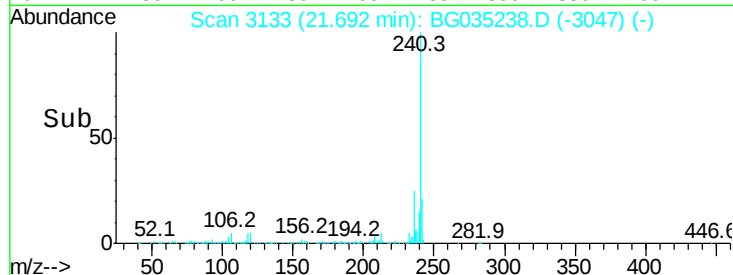
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 102.382 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035238.D

Acq: 19 Jun 2018 4:55

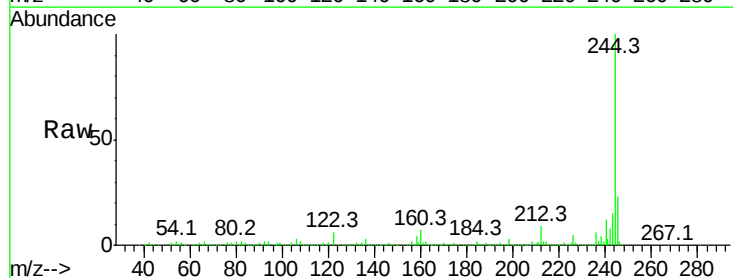
Tgt Ion:244 Resp: 1865422

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

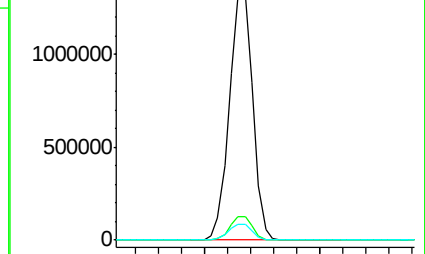
122 6.3 7.0 10.4#



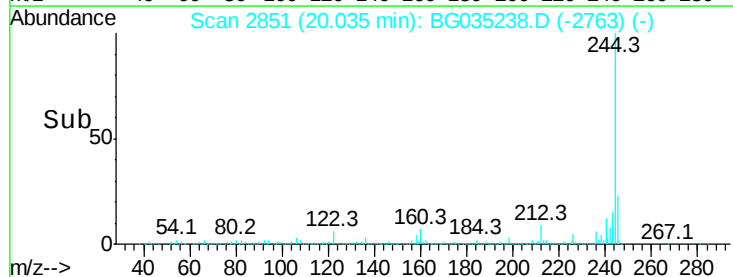
Abundance Ion 244.00 (243.70 to 244.70): E

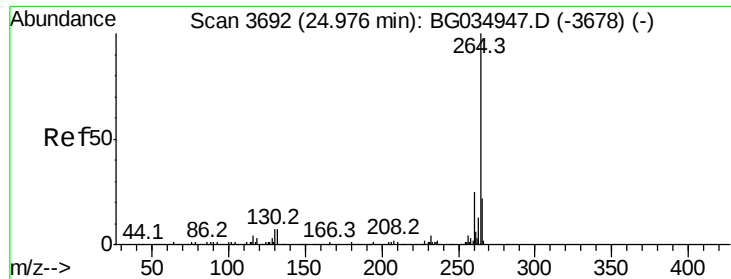
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

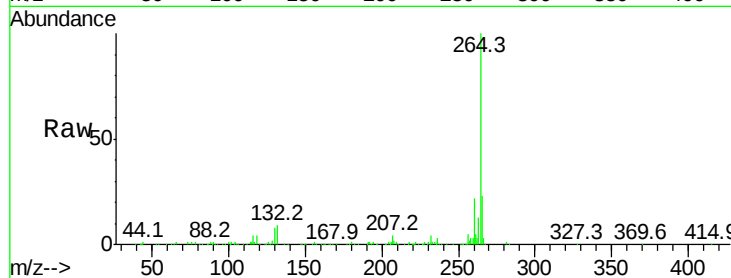




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.04 min
Lab File: BG035238.D
Acq: 19 Jun 2018 4:55

Instrument :
BNA_G
ClientSampleId :
HD-01-061518

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.4	26.0
265	23.0	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

