

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
 Data File : BG035214.D
 Acq On : 18 Jun 2018 12:01
 Operator : SJ/JU
 Sample : J3505-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-56-COMP

Quant Time: Jun 18 16:41:42 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

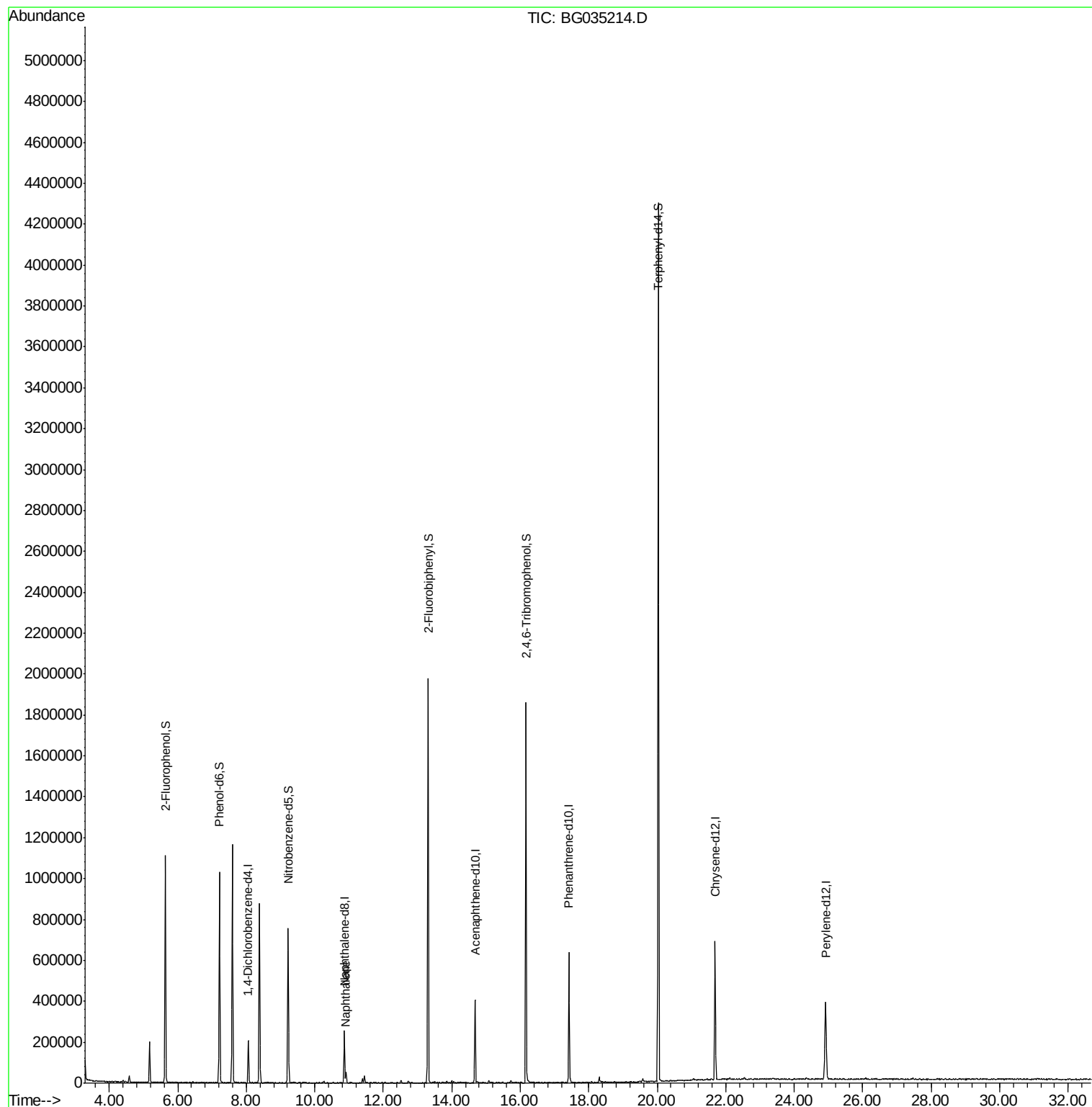
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	58730	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	208201	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	143579	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	411902	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	438237	20.00	ng	-0.03
86) Perylene-d12	24.91	264	433662	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	473500	136.06	ng	0.00
7) Phenol-d6	7.22	99	615962	119.92	ng	0.00
23) Nitrobenzene-d5	9.22	82	496850	113.44	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	349853	190.35	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	1089359	98.63	ng	-0.02
78) Terphenyl-d14	20.03	244	2109375	100.82	ng	-0.02
Target Compounds						
31) Naphthalene	10.91	128	41775	3.862	ng	Qvalue 99

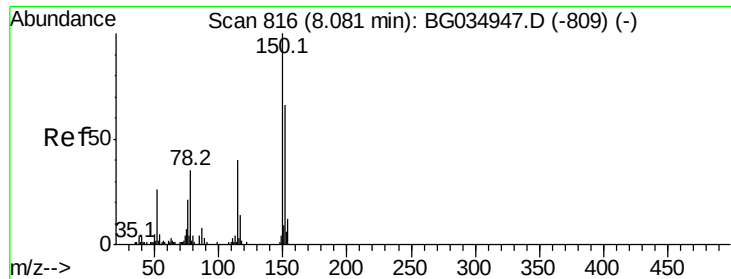
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG035214.D

Acq: 18 Jun 2018 12:01

Instrument :

BNA_G

ClientSampleId :

SB-56-COMP

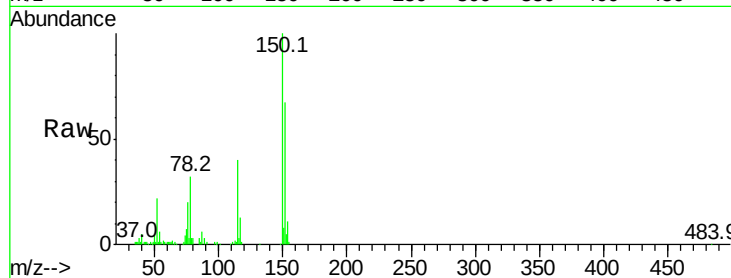
Tot Ion:152 Resp: 58730

Ion Ratio Lower Upper

152 100

150 148.2 126.6 189.8

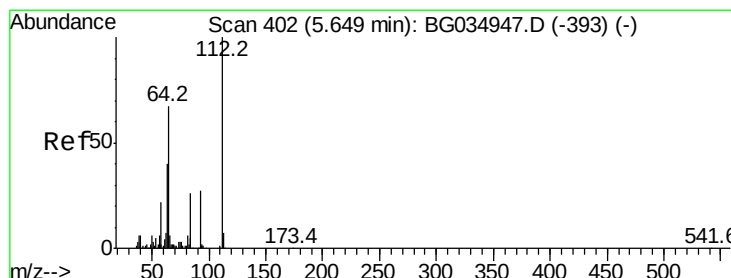
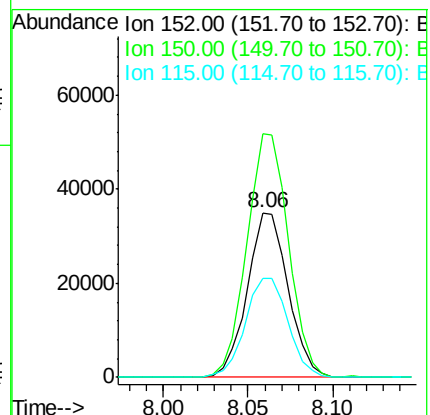
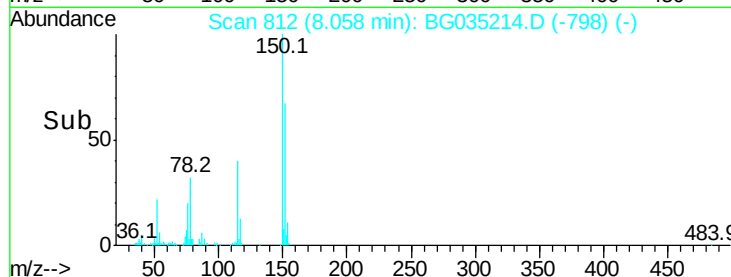
115 59.9 53.0 79.4



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: 136.060 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG035214.D

Acq: 18 Jun 2018 12:01

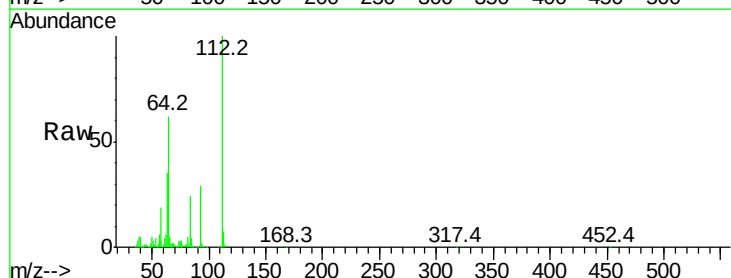
Tgt Ion:112 Resp: 473500

Ion Ratio Lower Upper

112 100

64 61.9 56.3 84.5

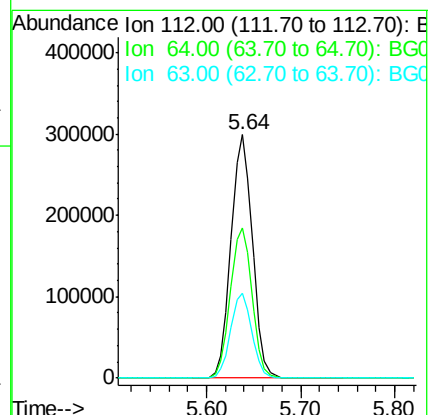
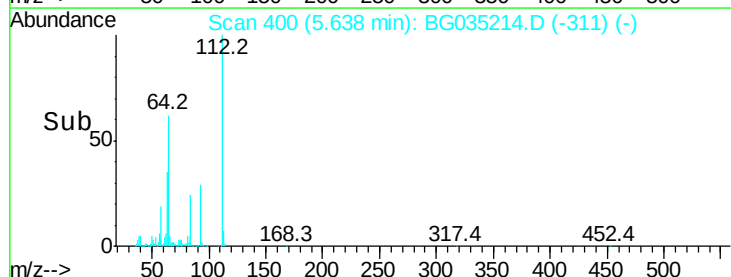
63 34.9 30.1 45.1

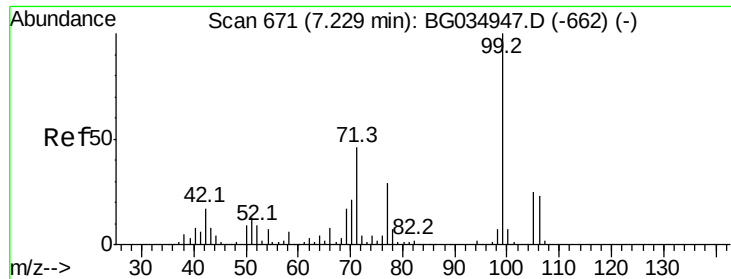


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 119.921 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035214.D

Acq: 18 Jun 2018 12:01

Instrument :

BNA_G

ClientSampleId :

SB-56-COMP

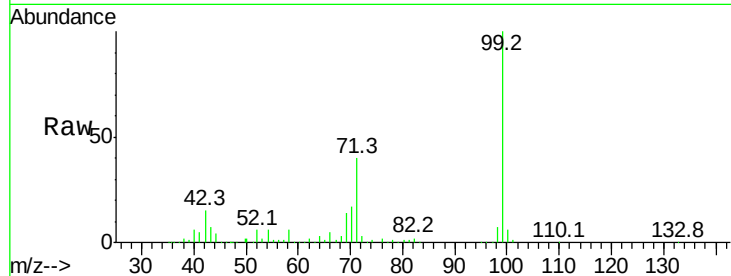
Tot Ion: 99 Resp: 615962

Ion Ratio Lower Upper

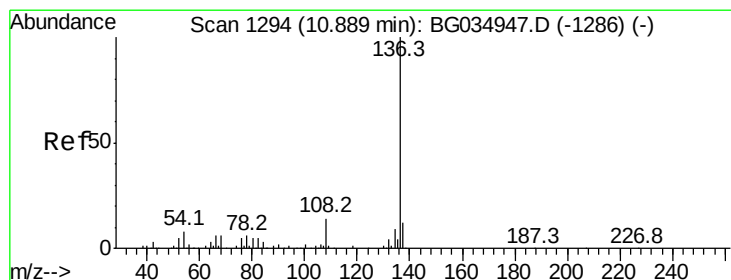
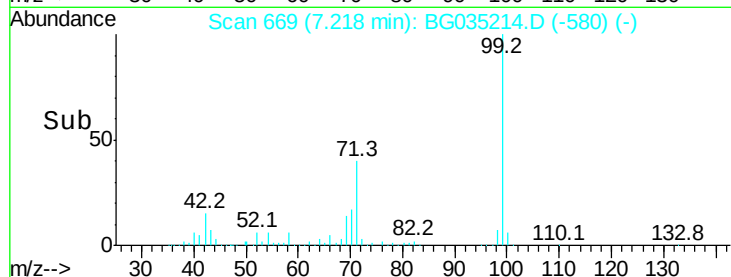
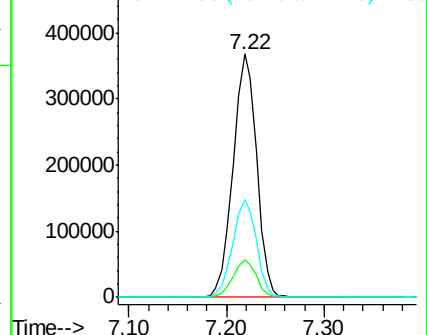
99 100

42 15.3 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: BG035214.D

Acq: 18 Jun 2018 12:01

Tgt Ion: 136 Resp: 208201

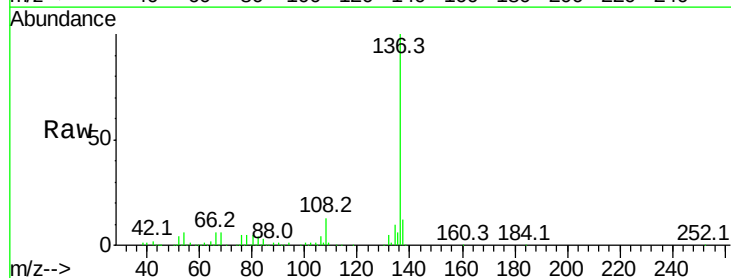
Ion Ratio Lower Upper

136 100

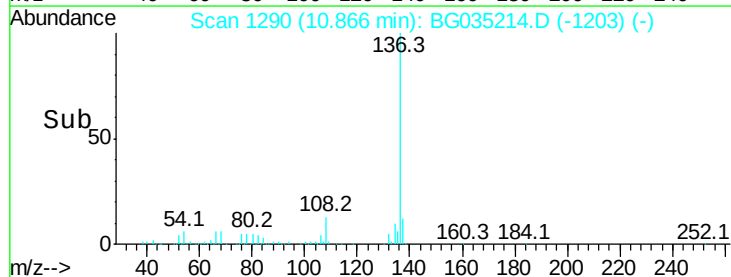
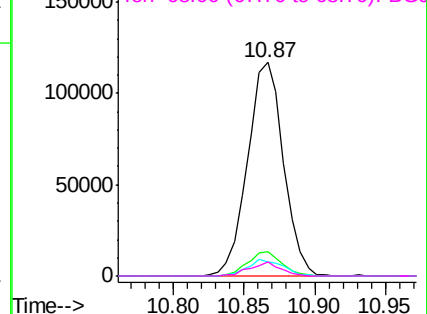
137 11.6 9.2 13.8

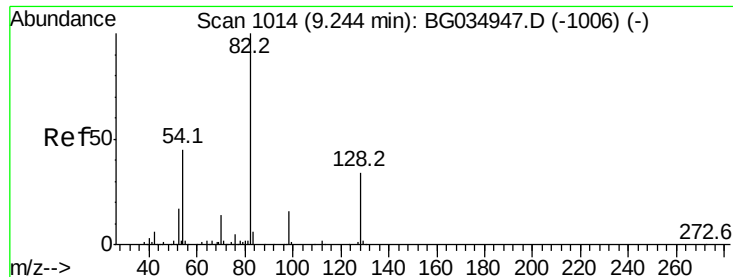
54 6.3 10.3 15.5#

68 6.4 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

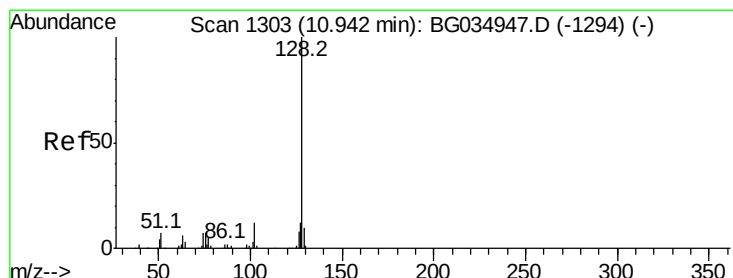
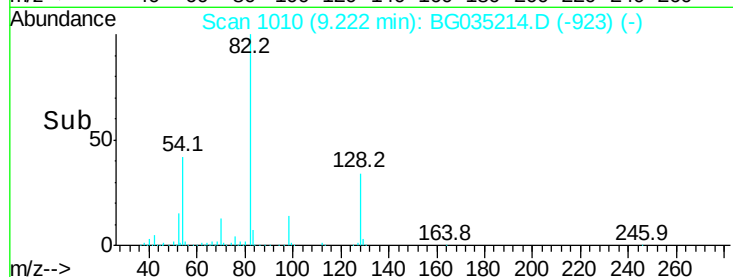
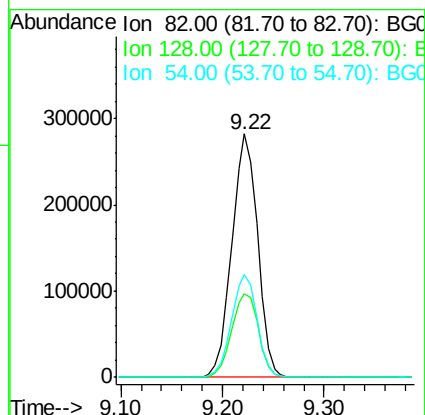
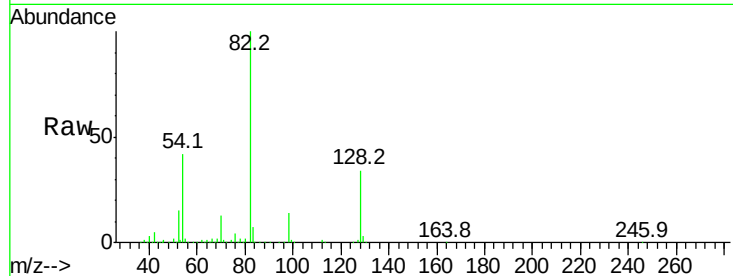




#23
Nitrobenzene-d5
Concen: 113.436 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035214.D
Acq: 18 Jun 2018 12:01

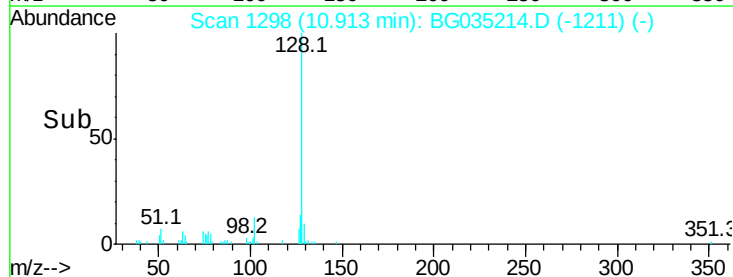
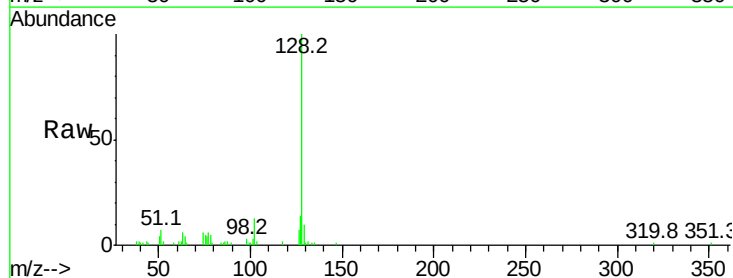
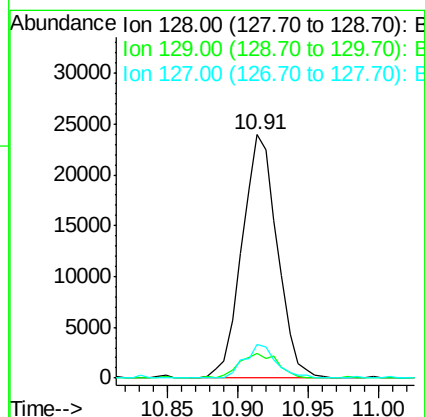
Instrument :
BNA_G
ClientSampleId :
SB-56-COMP

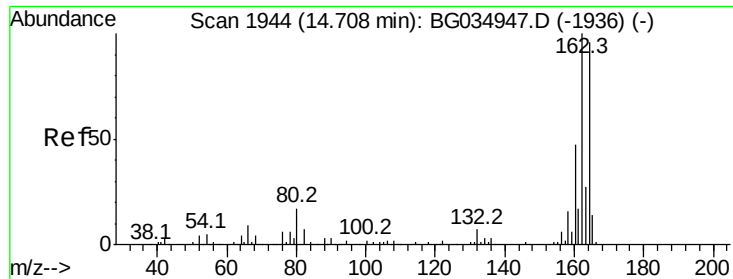
Tot Ion	82	Resp	496850
Ion	Ratio	Lower	Upper
82	100		
128	34.4	29.7	44.5
54	42.3	43.1	64.7#



#31
Naphthalene
Concen: 3.862 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG035214.D
Acq: 18 Jun 2018 12:01

Tgt Ion	128	Resp	41775
Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.6	12.8
127	14.0	11.6	17.4

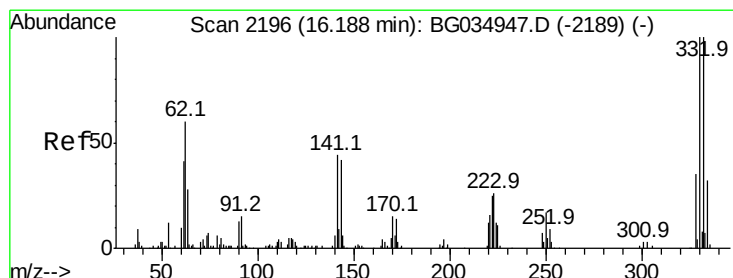
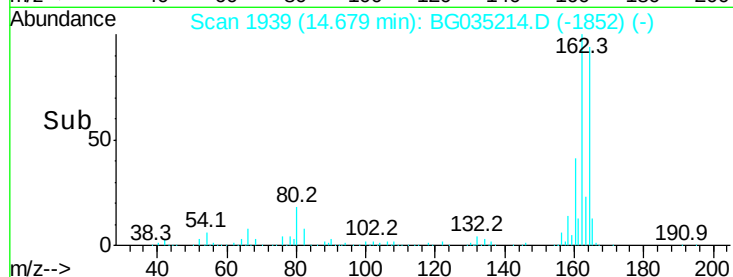
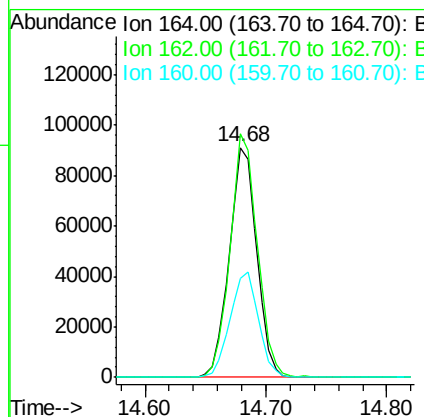
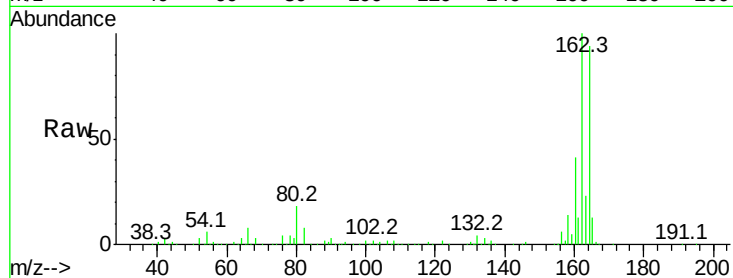




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG035214.D
 Acq: 18 Jun 2018 12:01

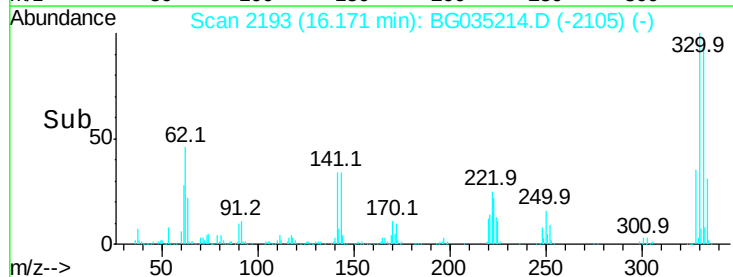
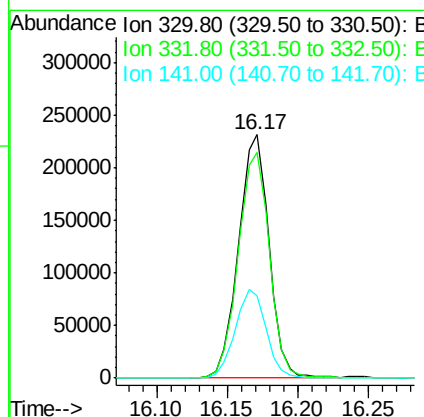
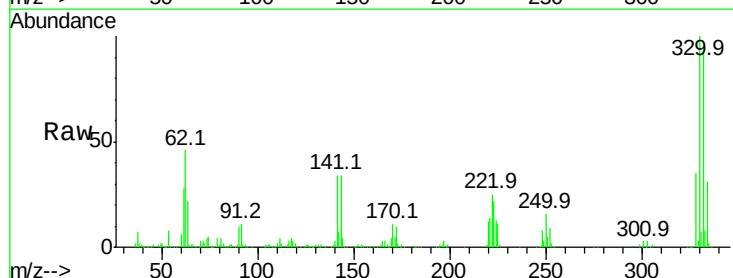
Instrument :
 BNA_G
 ClientSampleId :
 SB-56-COMP

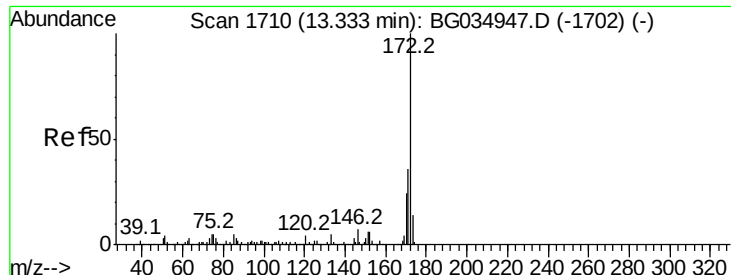
Tot Ion:164 Resp: 143579
 Ion Ratio Lower Upper
 164 100
 162 106.0 78.8 118.2
 160 43.4 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 190.345 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035214.D
 Acq: 18 Jun 2018 12:01

Tgt Ion:330 Resp: 349853
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 36.7 25.2 37.8



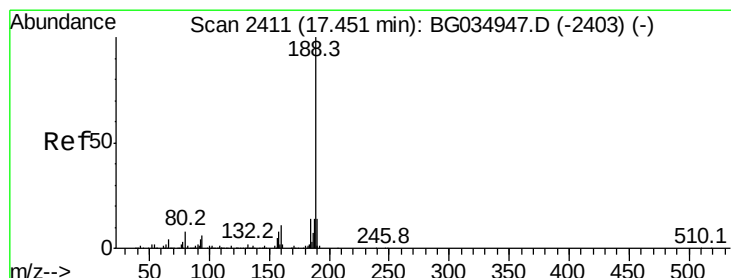
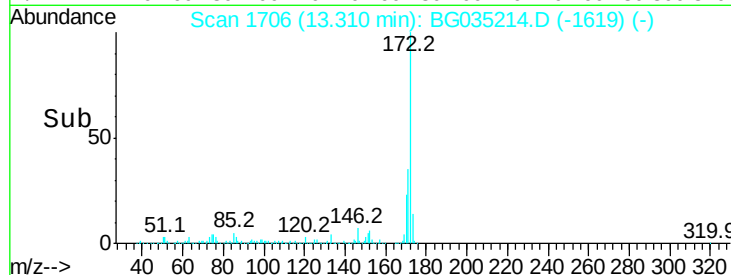
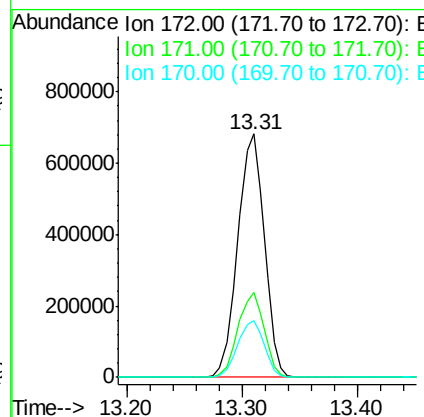
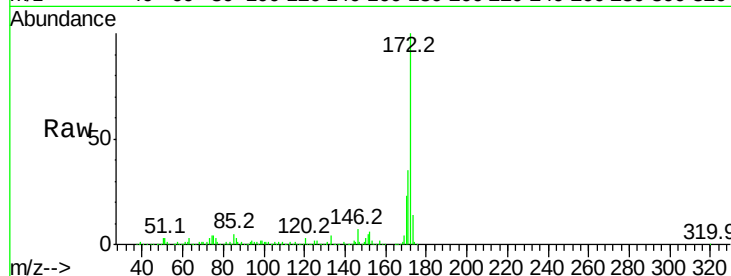


#44
2-Fluorobiphenyl
Concen: 98.633 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035214.D
Acq: 18 Jun 2018 12:01

Instrument :
BNA_G
ClientSampleId :
SB-56-COMP

Tot Ion:172 Resp: 1089359

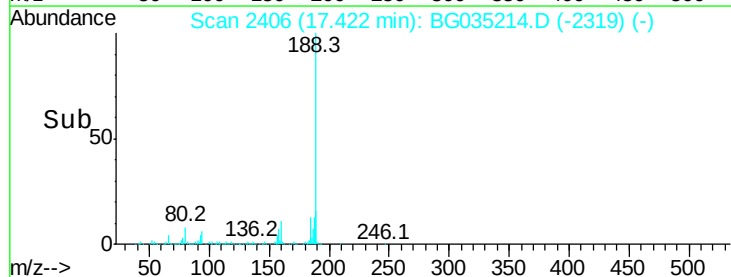
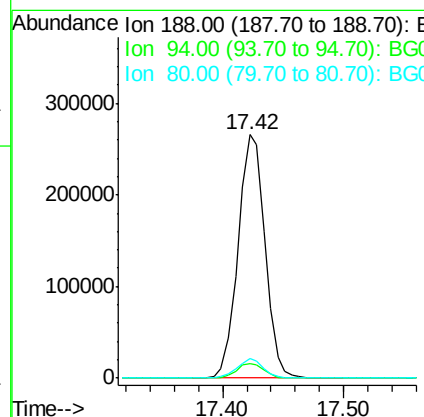
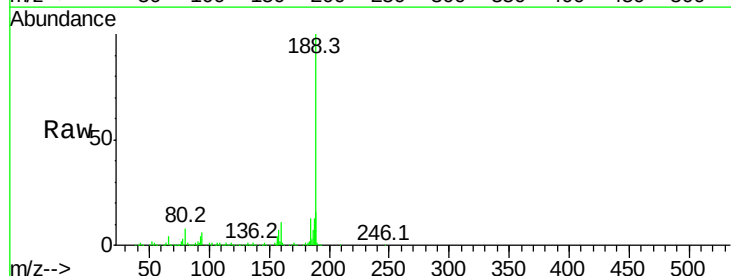
Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.0	45.0
170	23.3	19.5	29.3

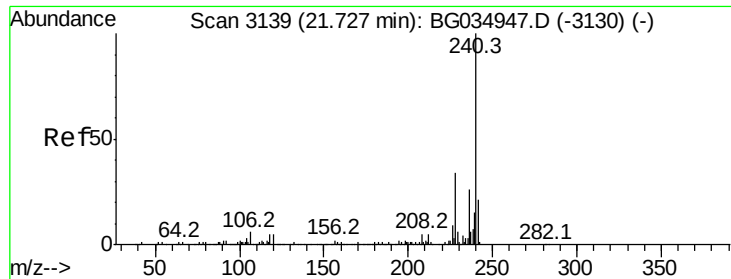


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035214.D
Acq: 18 Jun 2018 12:01

Tgt Ion:188 Resp: 411902

Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	8.3	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035214.D

Acq: 18 Jun 2018 12:01

Instrument :

BNA_G

ClientSampleId :

SB-56-COMP

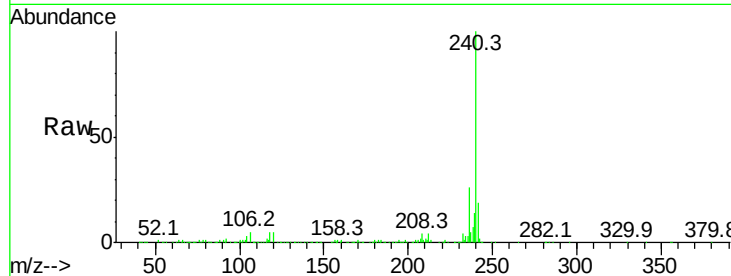
Tot Ion:240 Resp: 438237

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

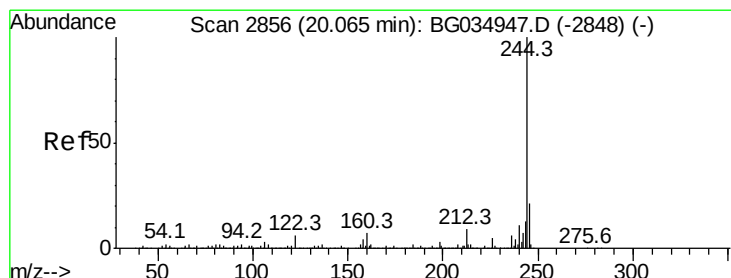
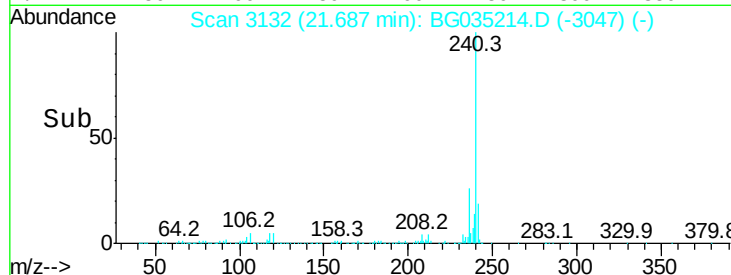
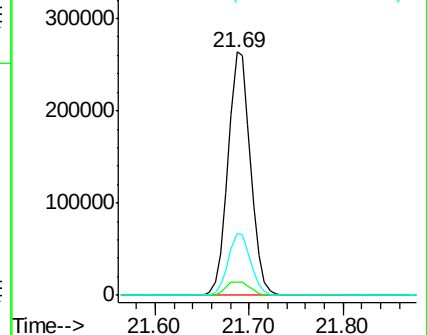
236 25.6 20.9 31.3



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: 100.823 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035214.D

Acq: 18 Jun 2018 12:01

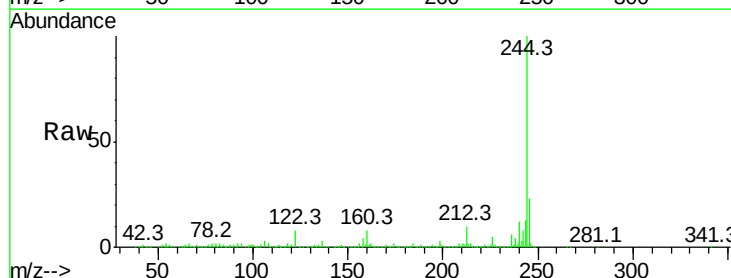
Tgt Ion:244 Resp: 2109375

Ion Ratio Lower Upper

244 100

212 9.9 5.8 8.8#

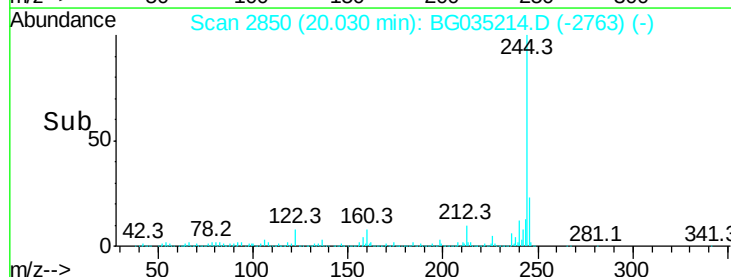
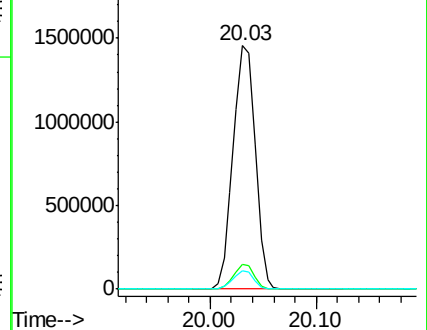
122 7.5 7.0 10.4

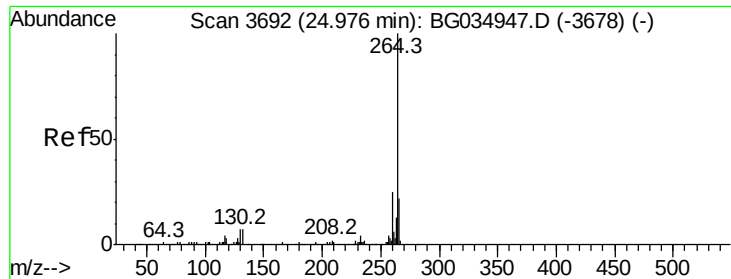


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.91 min Scan# 3681
 Delta R.T. -0.04 min
 Lab File: BG035214.D
 Acq: 18 Jun 2018 12:01

Instrument :
 BNA_G
 ClientSampleId :
 SB-56-COMP

Tot Ion: 264 Resp: 433662
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.4 26.0
 265 21.7 17.7 26.5

