

Data File : BG035275.D
Acq On : 20 Jun 2018 20:52
Operator : SJ/JU
Sample : J3498-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-G-S

Quant Time: Jun 21 05:48:39 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	58291	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	205767	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	136146	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	379490	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	415758	20.00	ng	-0.03
86) Perylene-d12	24.91	264	402785	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	448115	129.74	ng	0.00
7) Phenol-d6	7.22	99	554921	108.85	ng	0.00
23) Nitrobenzene-d5	9.22	82	445592	102.94	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	307624	176.51	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	971771	92.79	ng	-0.02
78) Terphenyl-d14	20.03	244	1802086	90.79	ng	-0.02

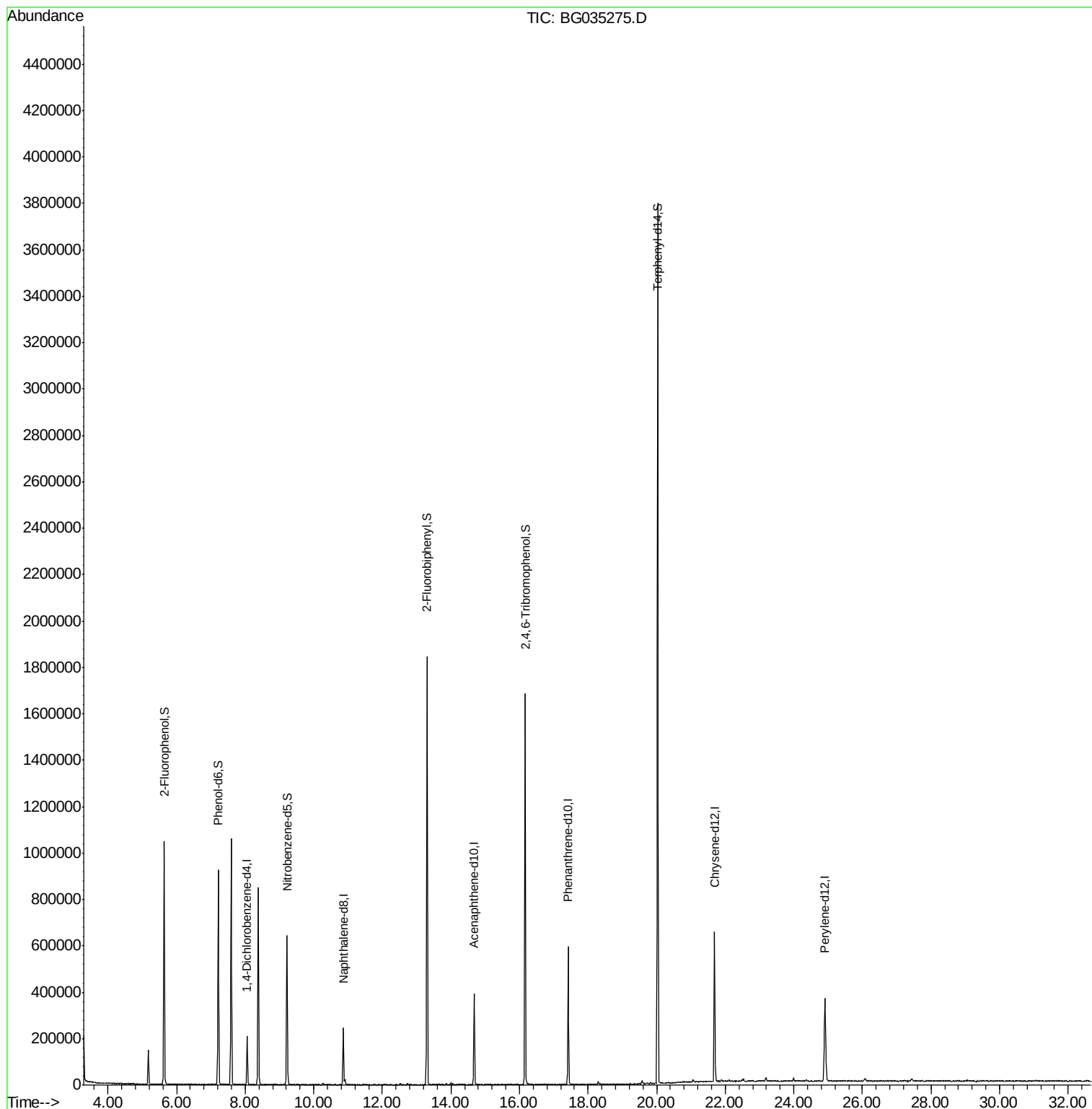
Target Compounds Qvalue

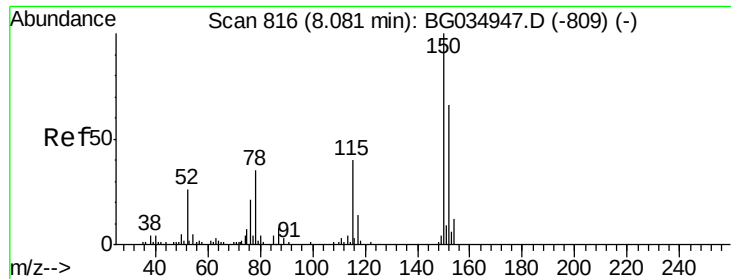
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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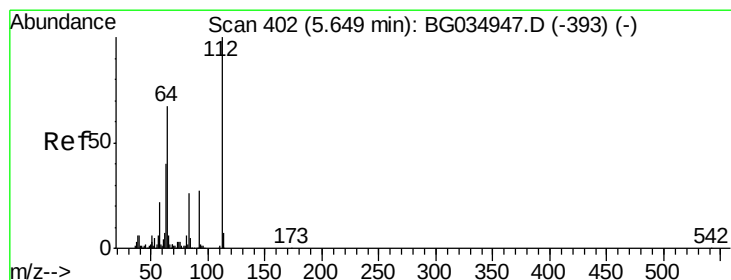
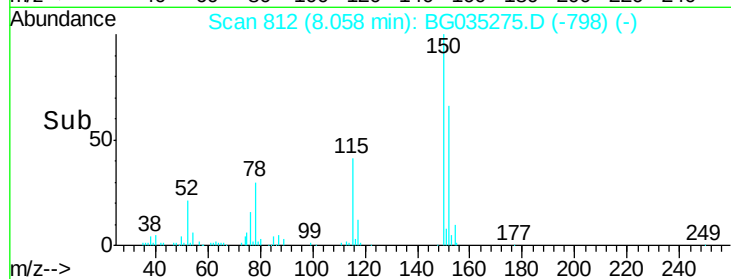
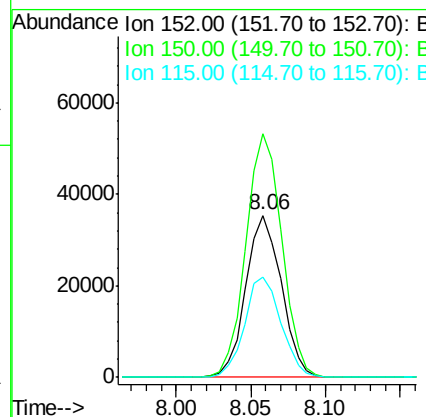
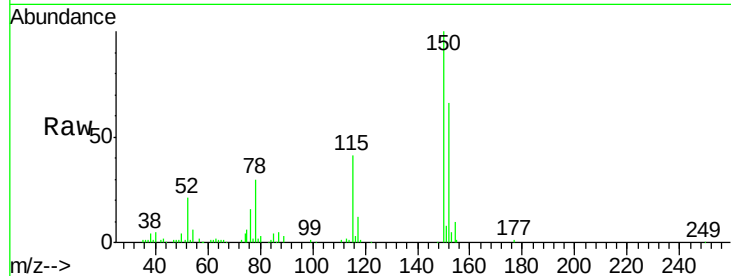


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035275.D
Acq: 20 Jun 2018 20:52

Instrument :
BNA_G
ClientSampleId :
TP-G-S

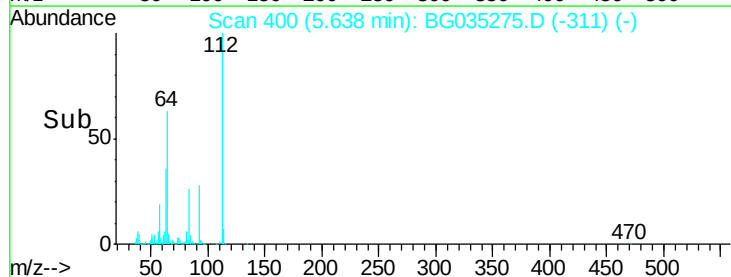
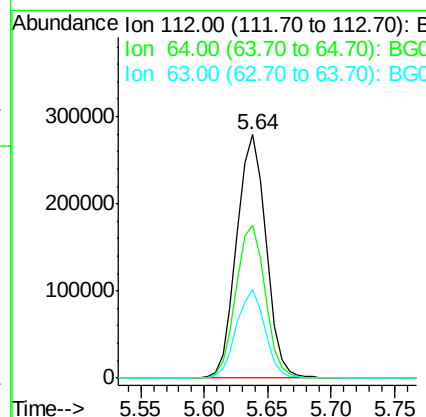
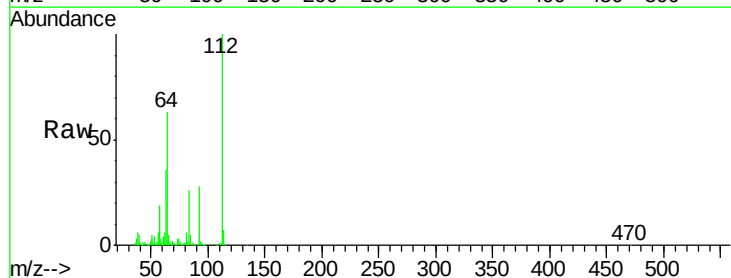
Tgt Ion:152 Resp: 58291
Ion Ratio Lower Upper
152 100
150 150.6 126.6 189.8
115 61.9 53.0 79.4

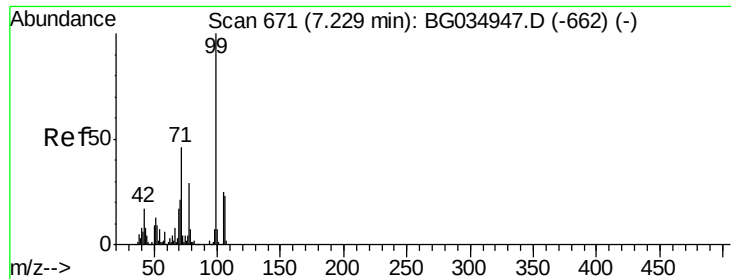


#5

2-Fluorophenol
Concen: 129.736 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035275.D
Acq: 20 Jun 2018 20:52

Tgt Ion:112 Resp: 448115
Ion Ratio Lower Upper
112 100
64 62.6 56.3 84.5
63 36.4 30.1 45.1





#7

Phenol-d6

Concen: 108.851 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035275.D

Acq: 20 Jun 2018 20:52

Instrument :

BNA_G

ClientSampleId :

TP-G-S

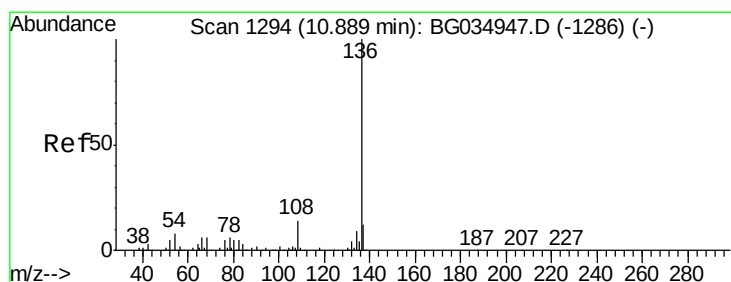
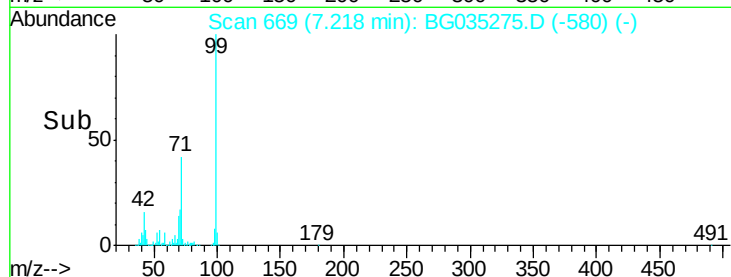
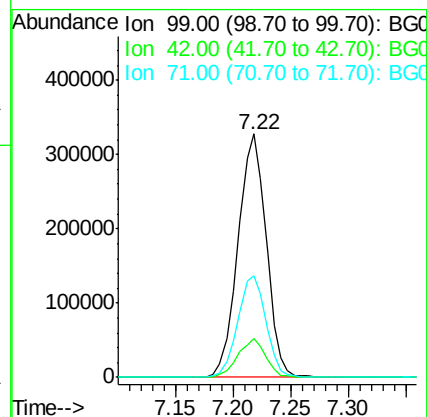
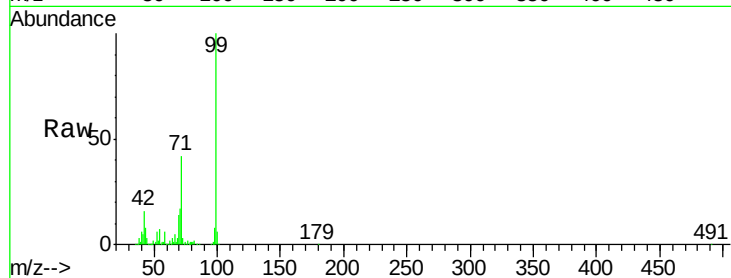
Tgt Ion: 99 Resp: 554921

Ion Ratio Lower Upper

99 100

42 16.0 14.1 21.1

71 41.7 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG035275.D

Acq: 20 Jun 2018 20:52

Tgt Ion: 136 Resp: 205767

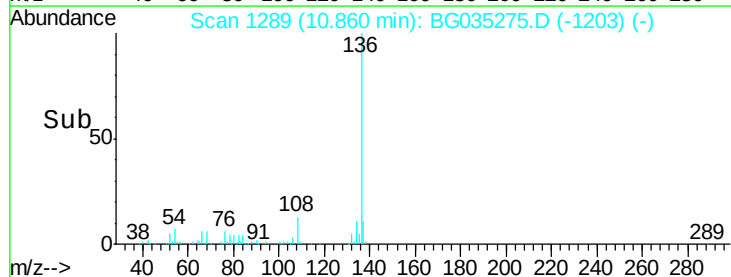
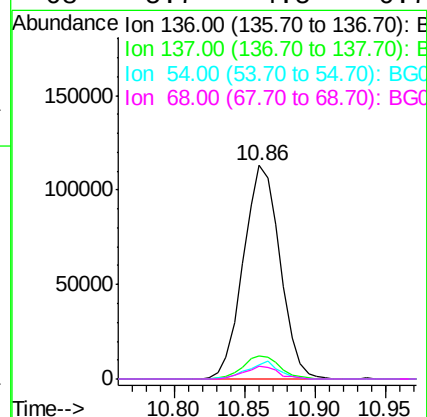
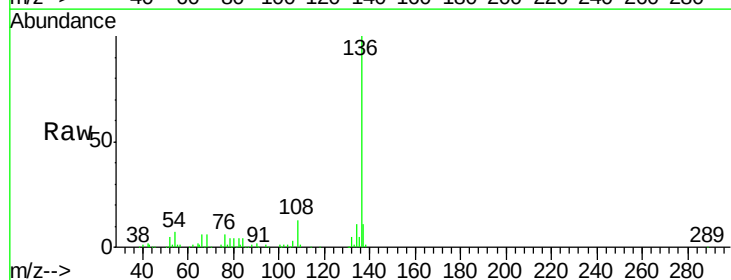
Ion Ratio Lower Upper

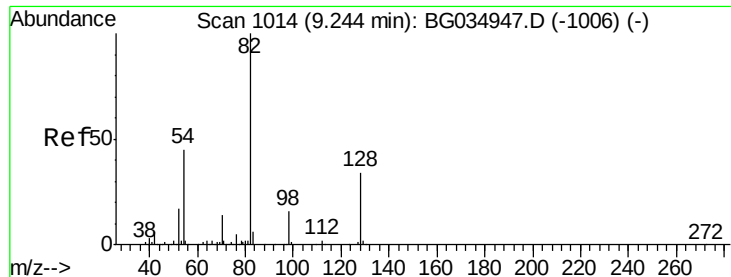
136 100

137 11.1 9.2 13.8

54 6.7 10.3 15.5#

68 5.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 102.936 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035275.D

Acq: 20 Jun 2018 20:52

Instrument :

BNA_G

ClientSampleId :

TP-G-S

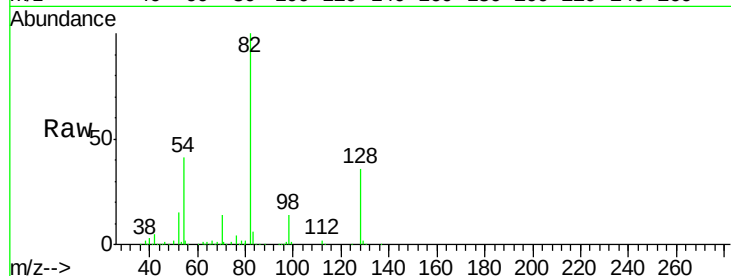
Tgt Ion: 82 Resp: 445592

Ion Ratio Lower Upper

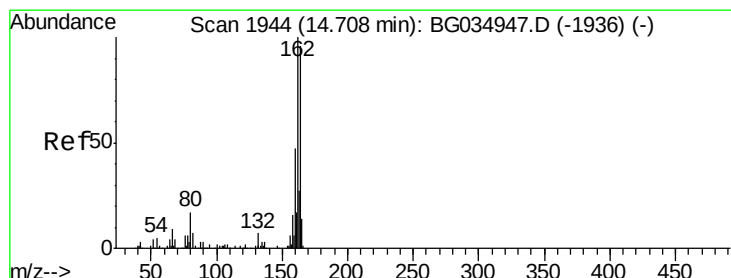
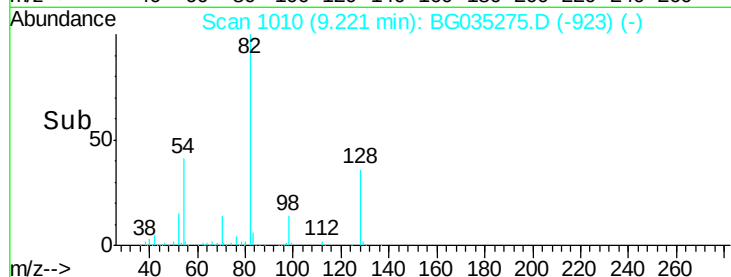
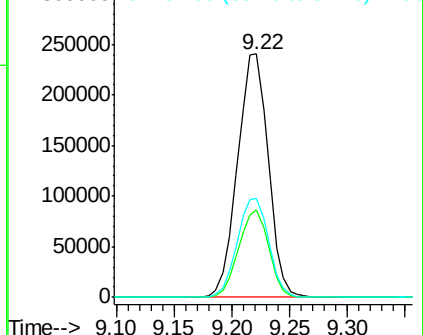
82 100

128 36.1 29.7 44.5

54 40.7 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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG035275.D

Acq: 20 Jun 2018 20:52

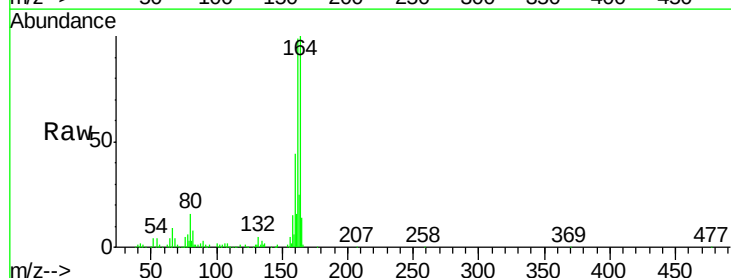
Tgt Ion: 164 Resp: 136146

Ion Ratio Lower Upper

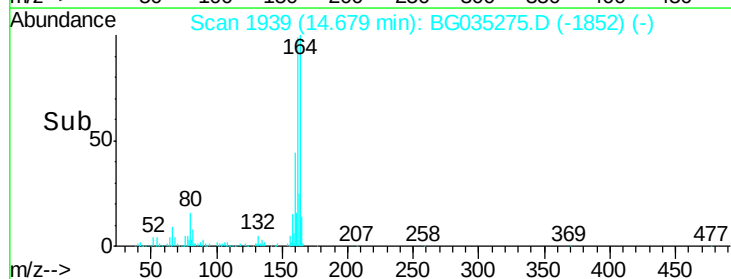
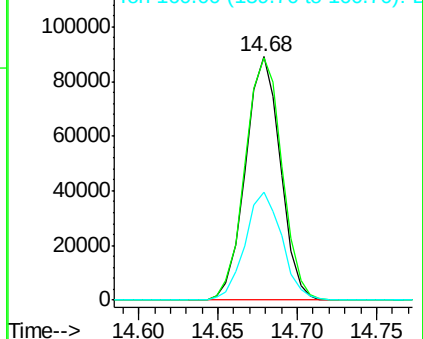
164 100

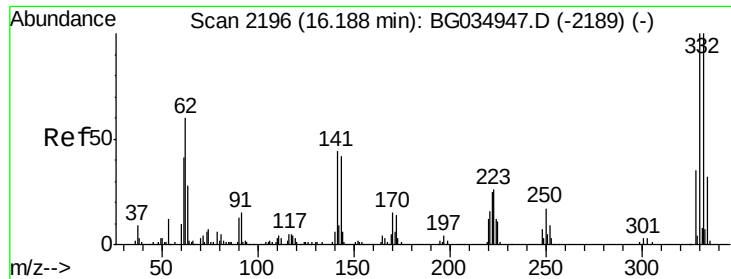
162 99.5 78.8 118.2

160 44.2 35.4 53.0



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

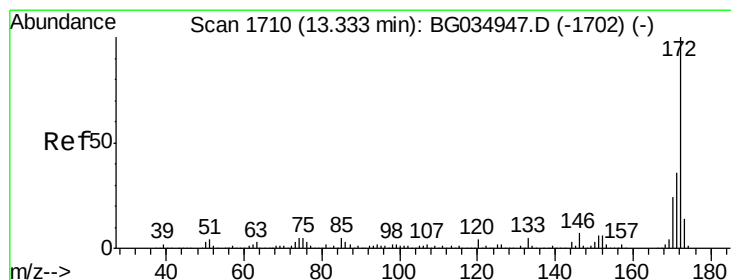
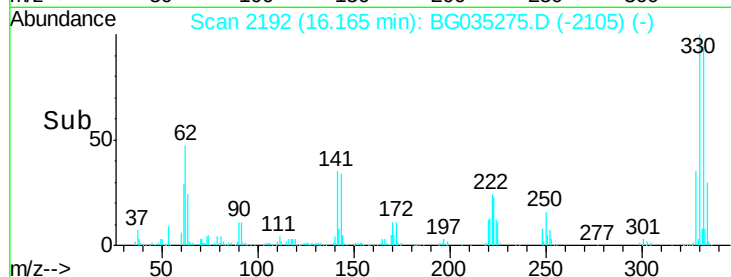
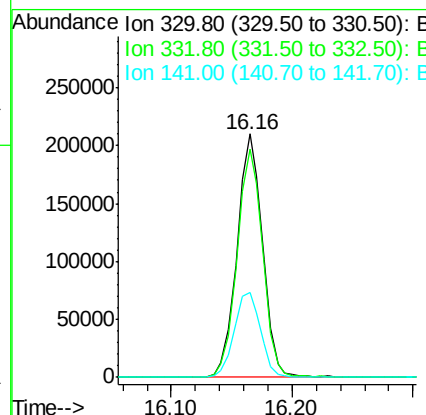
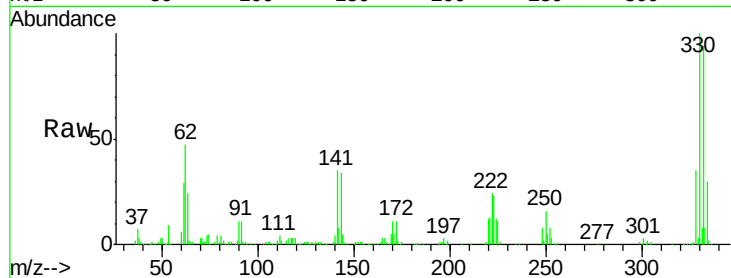




#41
 2,4,6-Tribromophenol
 Concen: 176.507 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035275.D
 Acq: 20 Jun 2018 20:52

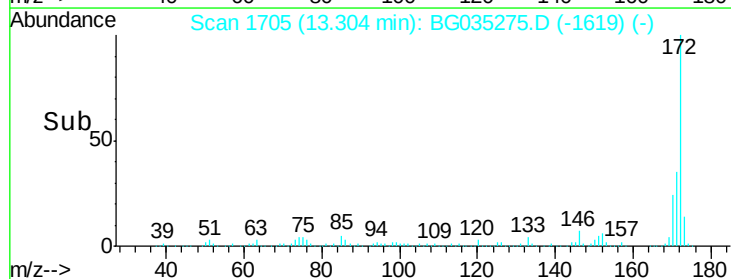
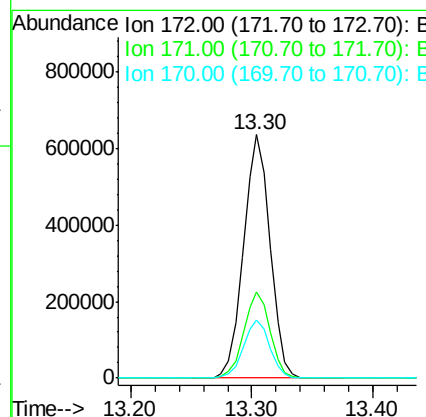
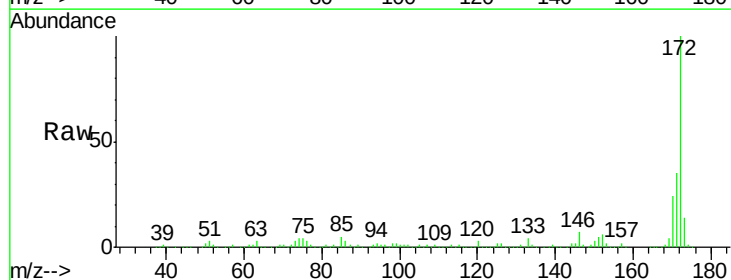
Instrument :
 BNA_G
 ClientSampled :
 TP-G-S

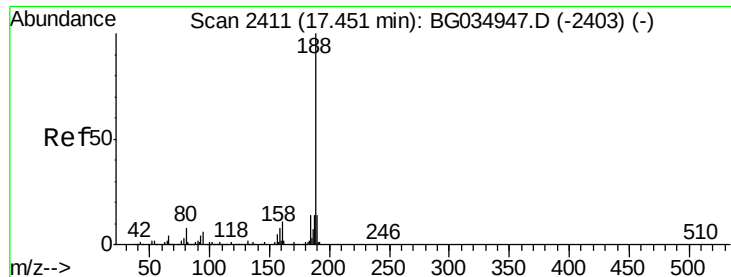
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	36.2	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 92.790 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035275.D
 Acq: 20 Jun 2018 20:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.0	45.0
170	23.9	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: BG035275.D

Acq: 20 Jun 2018 20:52

Instrument :

BNA_G

ClientSampleId :

TP-G-S

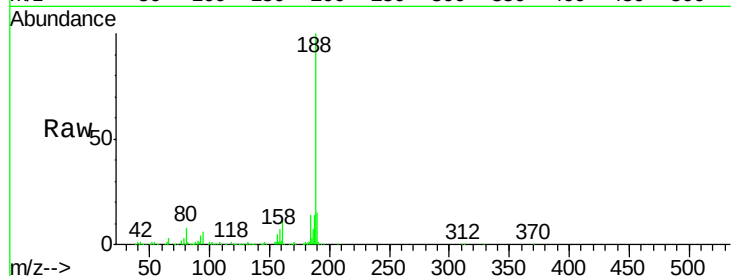
Tgt Ion:188 Resp: 379490

Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

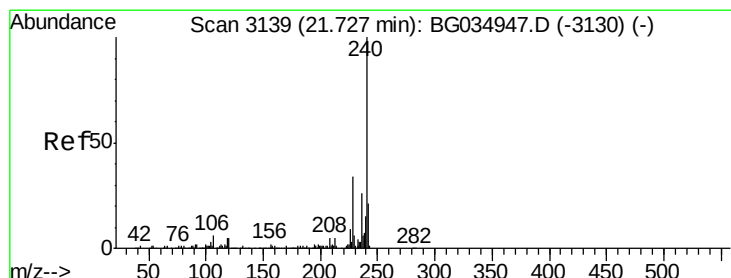
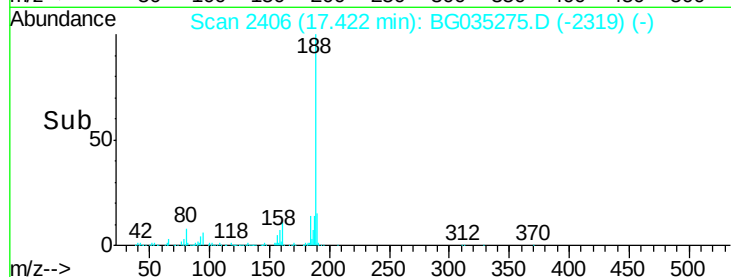
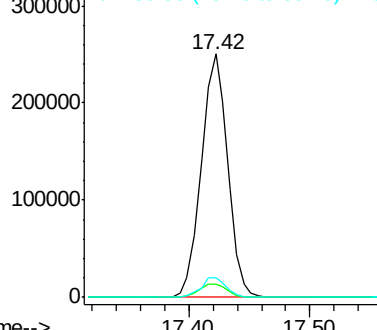
80 8.2 7.7 11.5



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: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035275.D

Acq: 20 Jun 2018 20:52

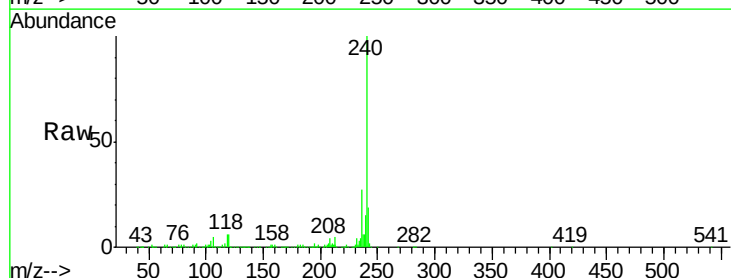
Tgt Ion:240 Resp: 415758

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

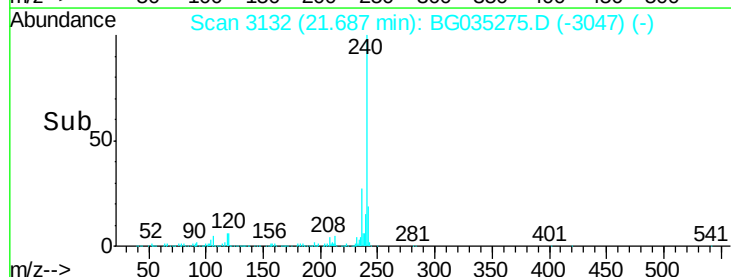
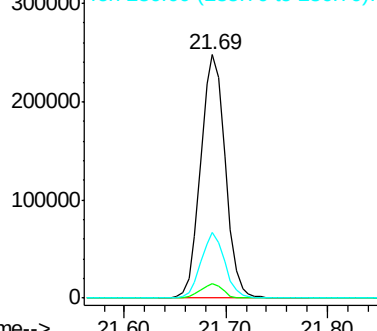
236 27.2 20.9 31.3

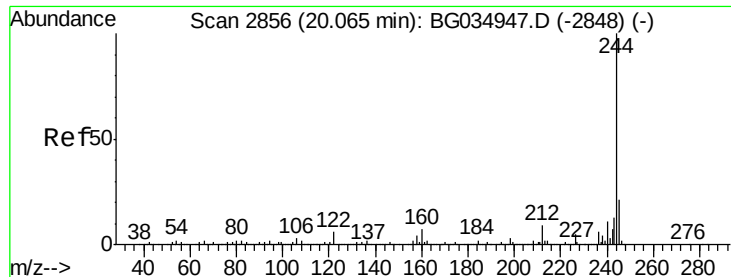


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.793 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035275.D

Acq: 20 Jun 2018 20:52

Instrument :

BNA_G

ClientSampleId :

TP-G-S

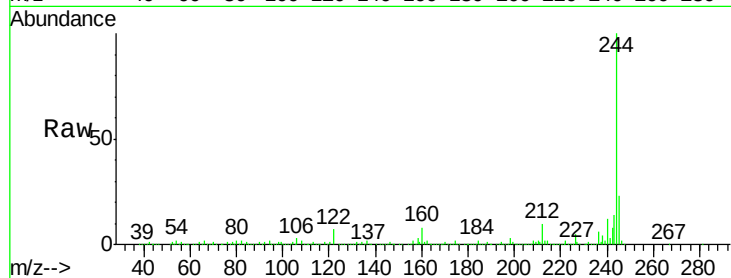
Tgt Ion:244 Resp: 1802086

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

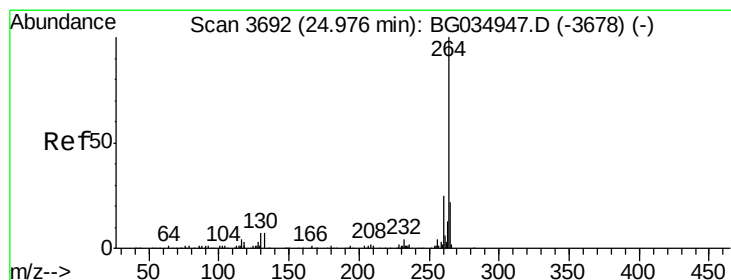
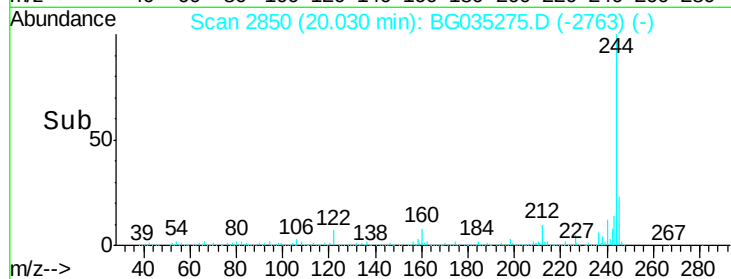
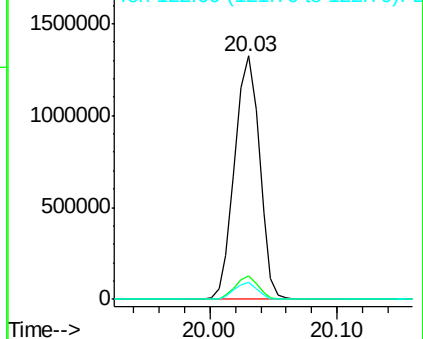
122 7.0 7.0 10.4#



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: 24.91 min Scan# 3681

Delta R.T. -0.04 min

Lab File: BG035275.D

Acq: 20 Jun 2018 20:52

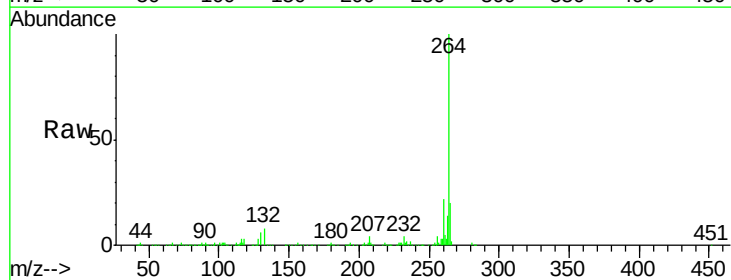
Tgt Ion:264 Resp: 402785

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 19.8 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

