

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062018\
Quantitation Report (QT/LSC Reviewed)

Data File : BG035291.D
Acq On : 21 Jun 2018 8:30
Operator : SJ/JU
Sample : J3573-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-54-COMP

Quant Time: Jun 21 11:35:26 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	57170	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	192436	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	130241	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	358809	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	398911	20.00	ng	-0.03
86) Perylene-d12	24.91	264	379786	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	439049	129.60	ng	0.00
7) Phenol-d6	7.22	99	543949	108.79	ng	0.00
23) Nitrobenzene-d5	9.22	82	450229	111.21	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	304887	182.87	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	979317	97.75	ng	-0.02
78) Terphenyl-d14	20.03	244	1834831	96.35	ng	-0.02

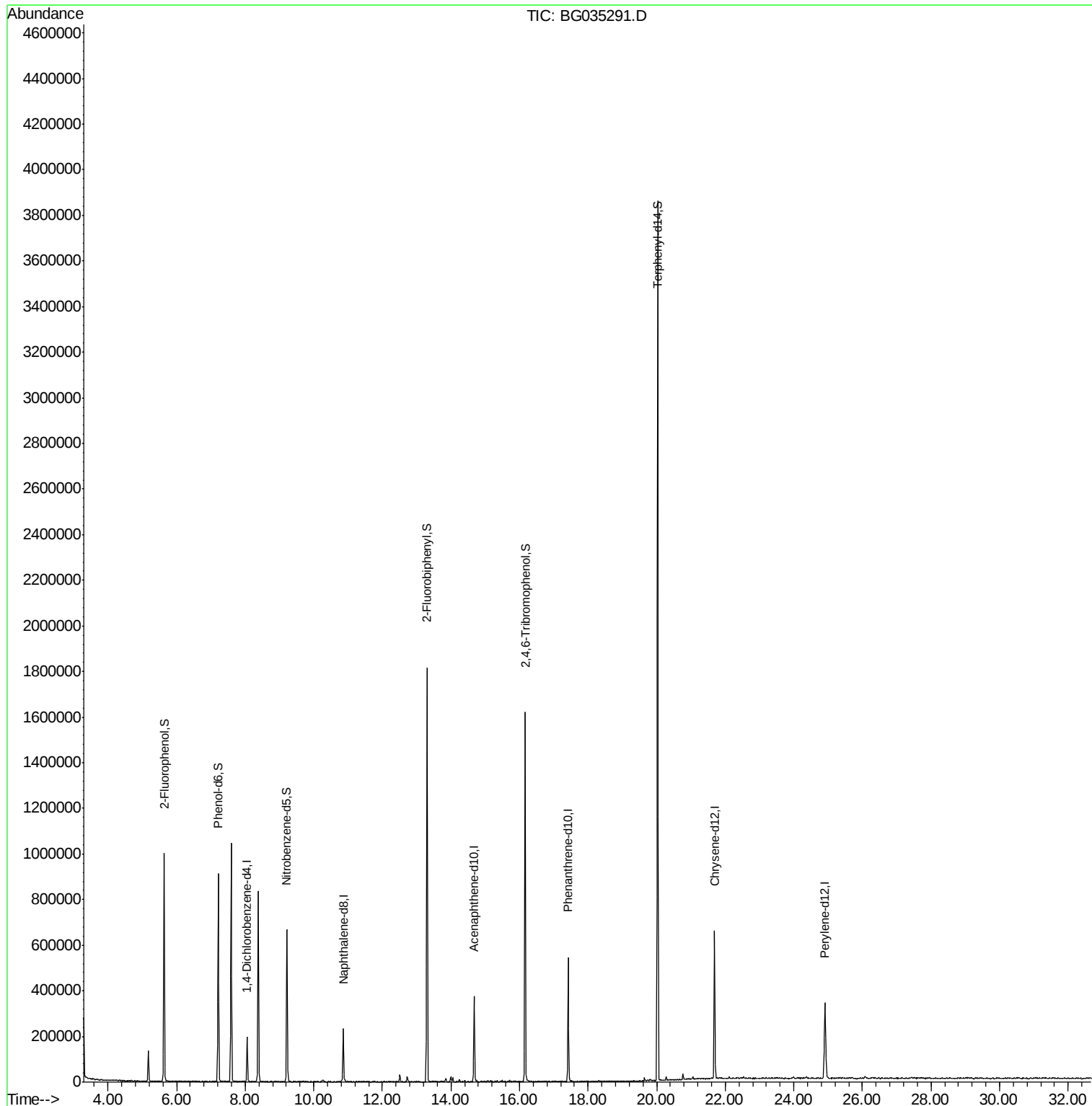
Target Compounds	Qvalue
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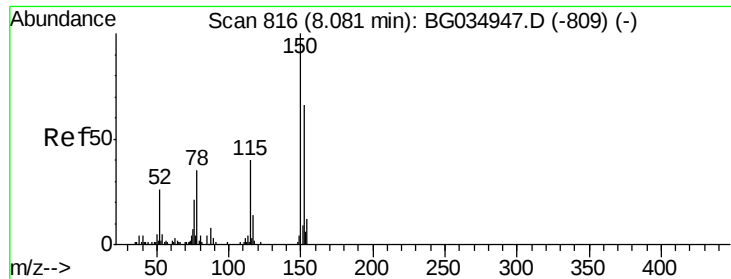
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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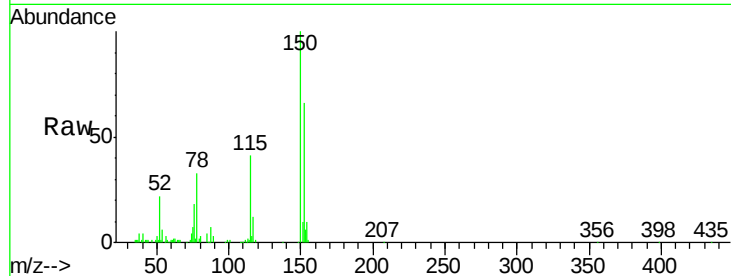


#1

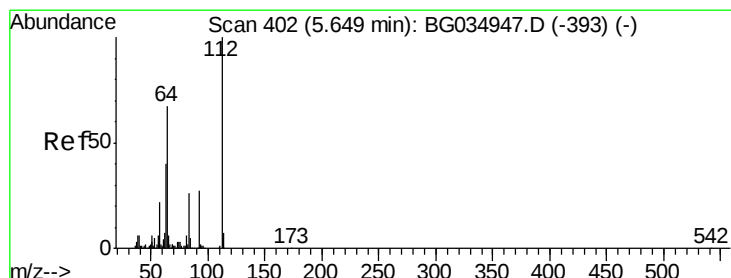
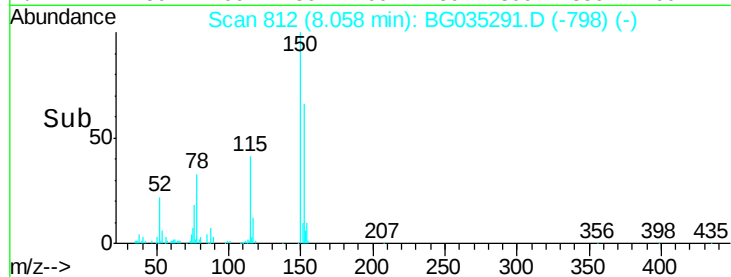
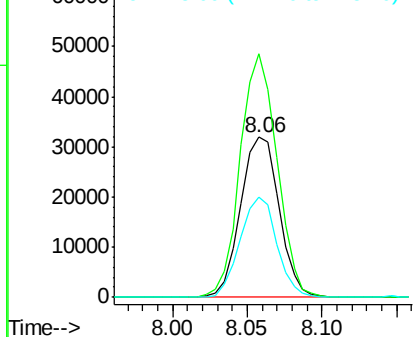
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035291.D
Acq: 21 Jun 2018 8:30

Instrument :
BNA_G
ClientSampleId :
SB-54-COMP

Tgt Ion:152 Resp: 57170
Ion Ratio Lower Upper
152 100
150 152.1 126.6 189.8
115 62.4 53.0 79.4



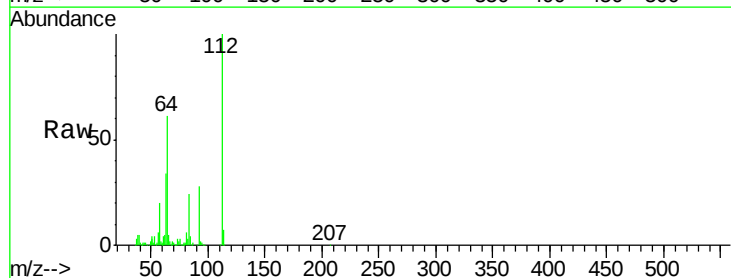
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



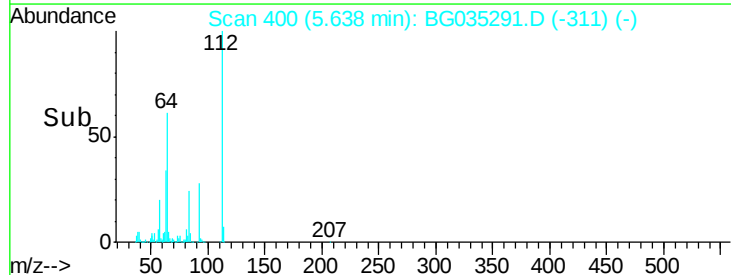
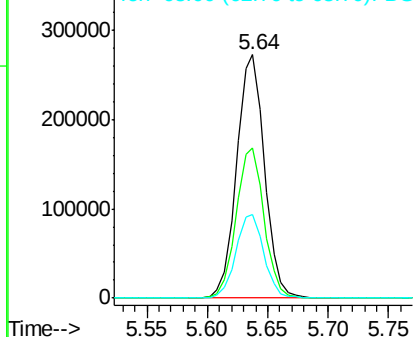
#5

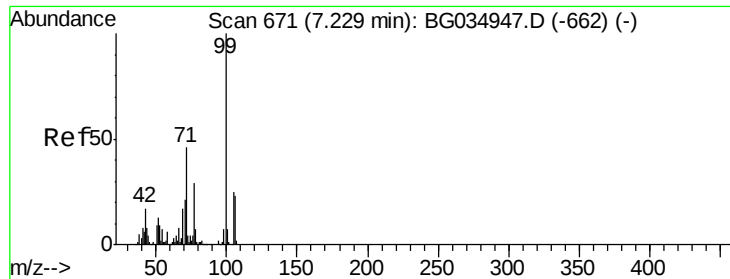
2-Fluorophenol
Concen: 129.603 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035291.D
Acq: 21 Jun 2018 8:30

Tgt Ion:112 Resp: 439049
Ion Ratio Lower Upper
112 100
64 61.4 56.3 84.5
63 34.1 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: 108.791 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035291.D

Acq: 21 Jun 2018 8:30

Instrument :

BNA_G

ClientSampleId :

SB-54-COMP

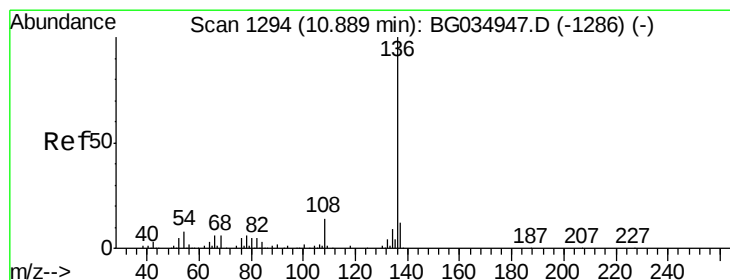
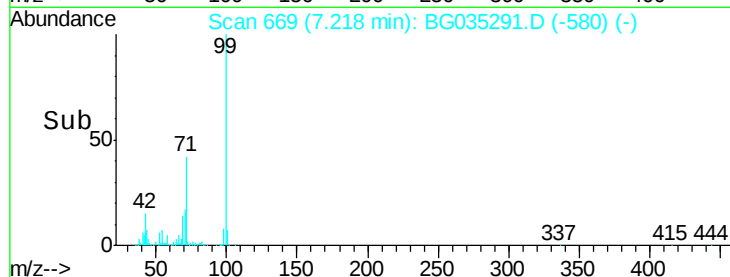
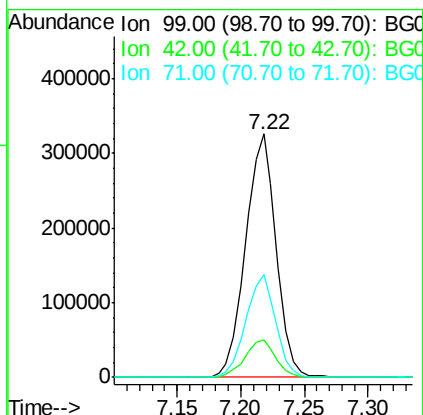
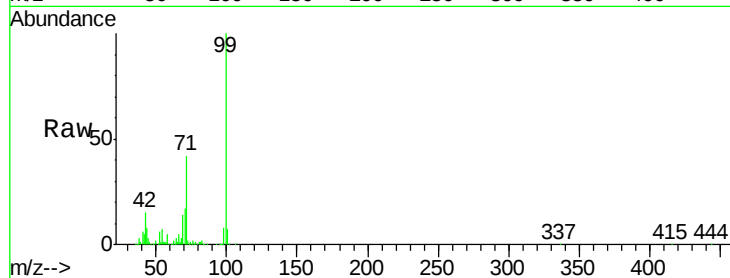
Tgt Ion: 99 Resp: 543949

Ion Ratio Lower Upper

99 100

42 15.4 14.1 21.1

71 42.1 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: BG035291.D

Acq: 21 Jun 2018 8:30

Tgt Ion: 136 Resp: 192436

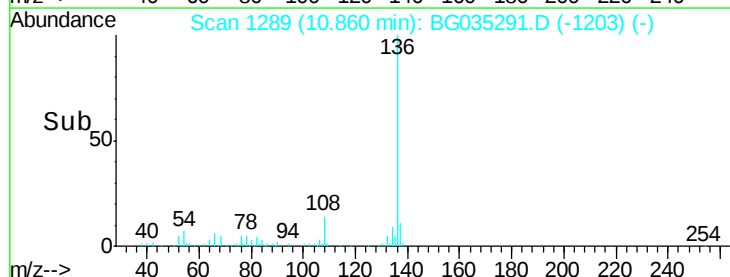
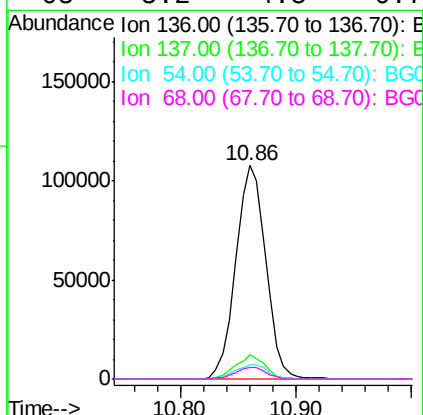
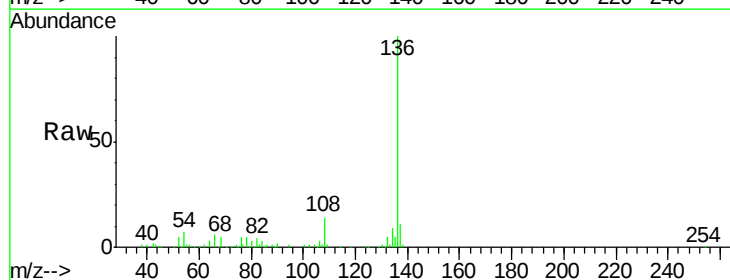
Ion Ratio Lower Upper

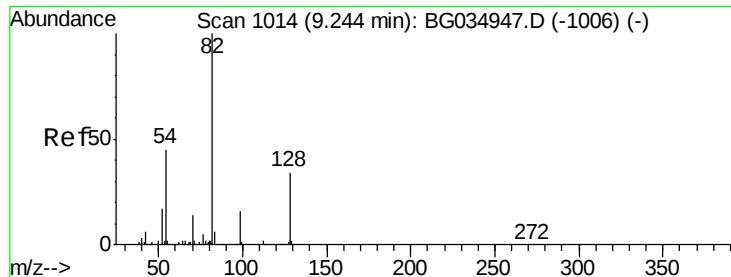
136 100

137 11.2 9.2 13.8

54 6.5 10.3 15.5#

68 5.2 4.5 6.7

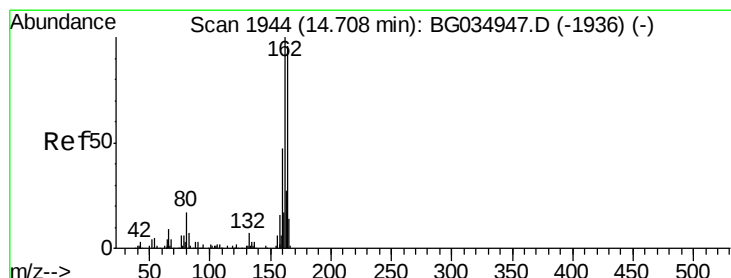
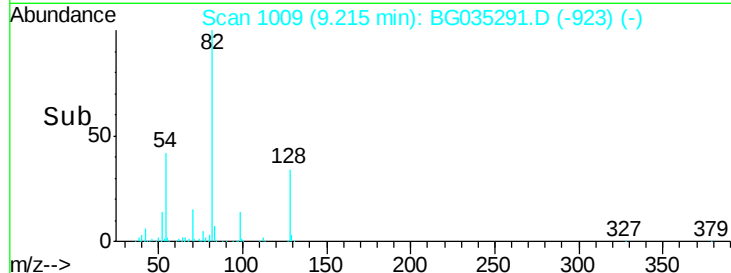
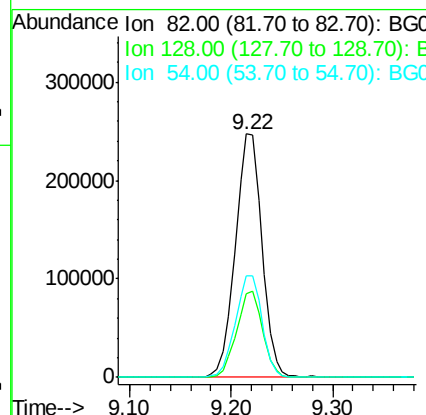
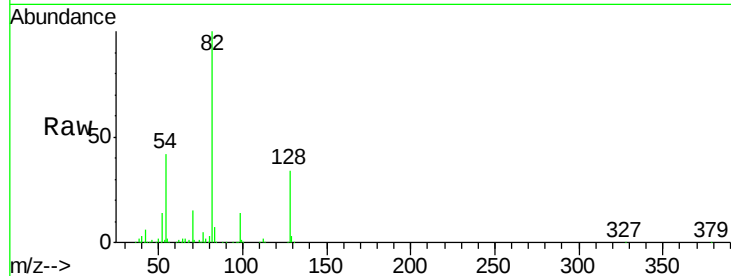




#23
 Nitrobenzene-d5
 Concen: 111.213 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035291.D
 Acq: 21 Jun 2018 8:30

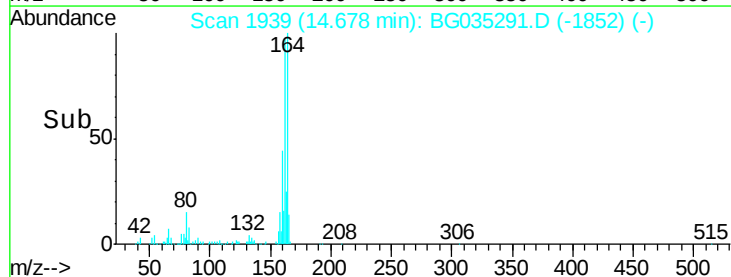
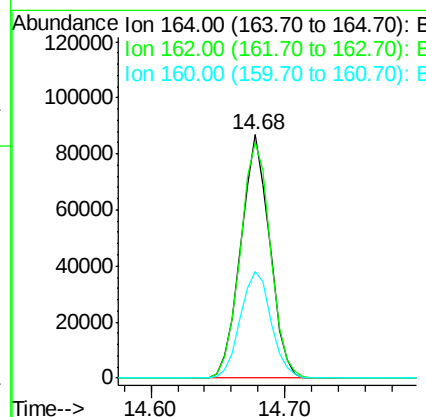
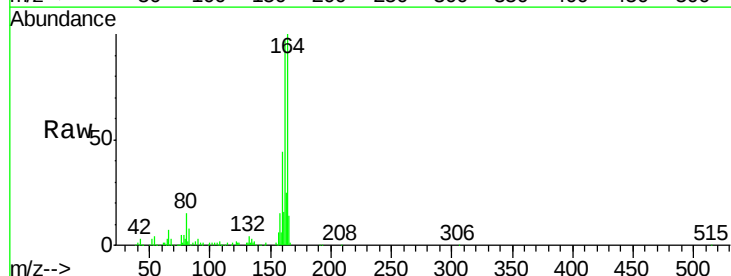
Instrument :
 BNA_G
 ClientSampleId :
 SB-54-COMP

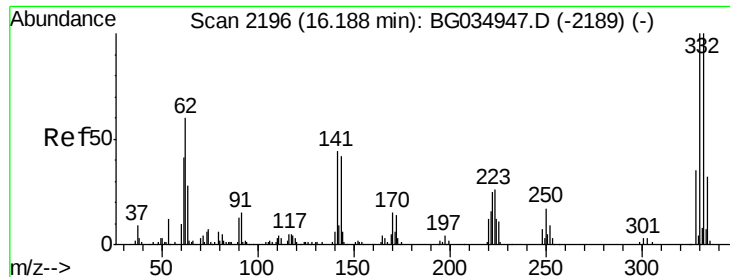
Tgt Ion: 82 Resp: 450229
 Ion Ratio Lower Upper
 82 100
 128 34.4 29.7 44.5
 54 41.7 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG035291.D
 Acq: 21 Jun 2018 8:30

Tgt Ion: 164 Resp: 130241
 Ion Ratio Lower Upper
 164 100
 162 97.0 78.8 118.2
 160 43.8 35.4 53.0

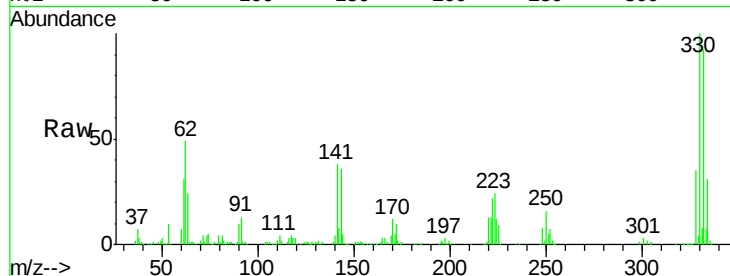




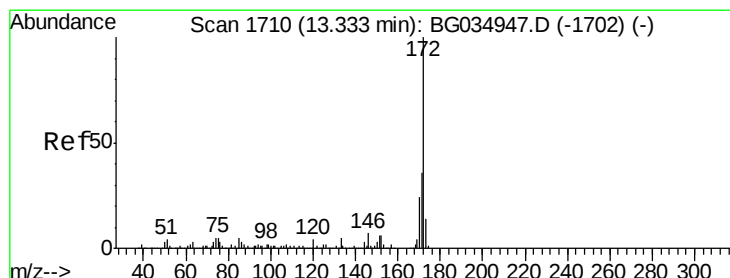
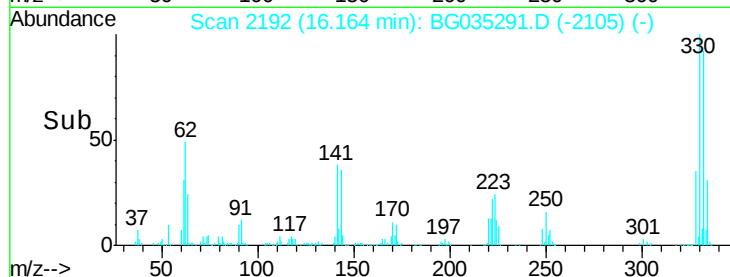
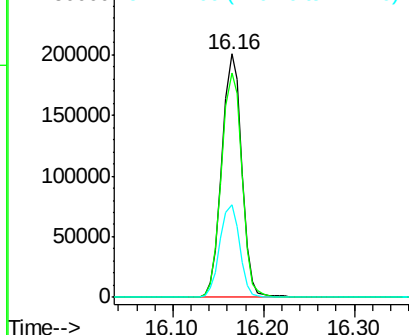
#41
 2,4,6-Tribromophenol
 Concen: 182.868 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035291.D
 Acq: 21 Jun 2018 8:30

Instrument :
 BNA_G
 ClientSampleId :
 SB-54-COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	37.7	25.2	37.8

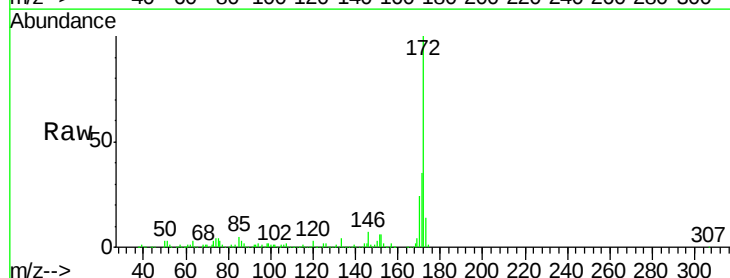


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

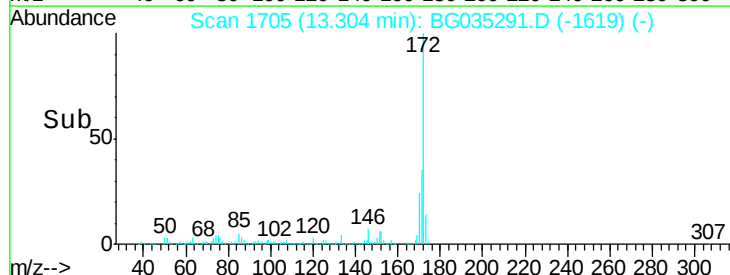
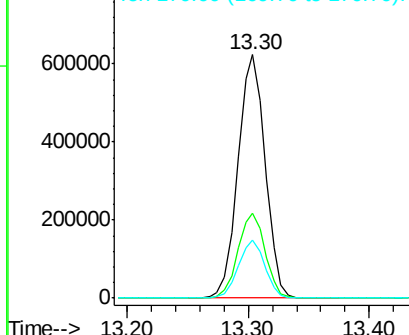


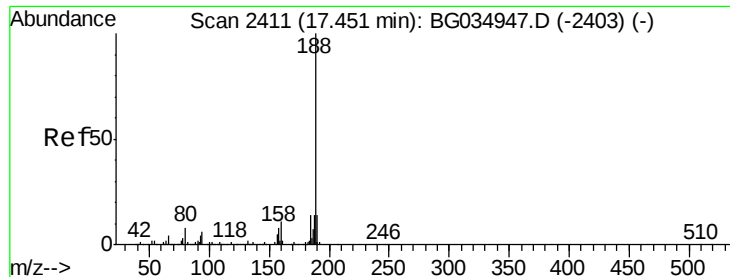
#44
 2-Fluorobiphenyl
 Concen: 97.750 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035291.D
 Acq: 21 Jun 2018 8:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	23.7	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: BG035291.D

Acq: 21 Jun 2018 8:30

Instrument :

BNA_G

ClientSampleId :

SB-54-COMP

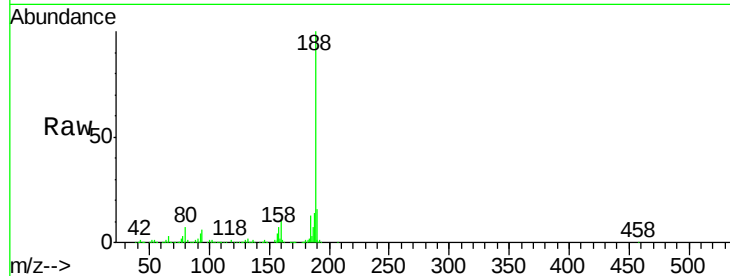
Tgt Ion:188 Resp: 358809

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

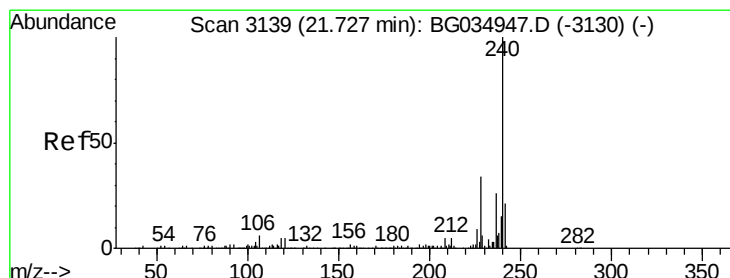
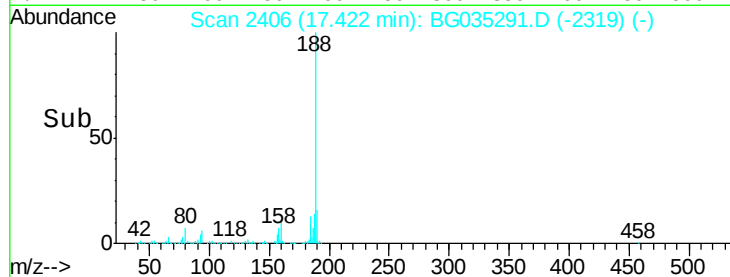
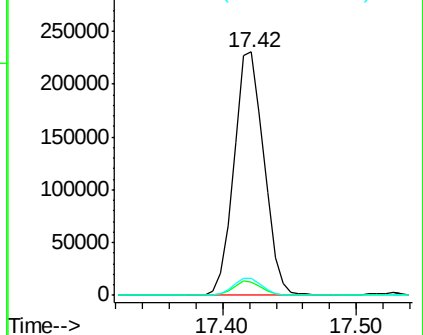
80 6.8 7.7 11.5#



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: BG035291.D

Acq: 21 Jun 2018 8:30

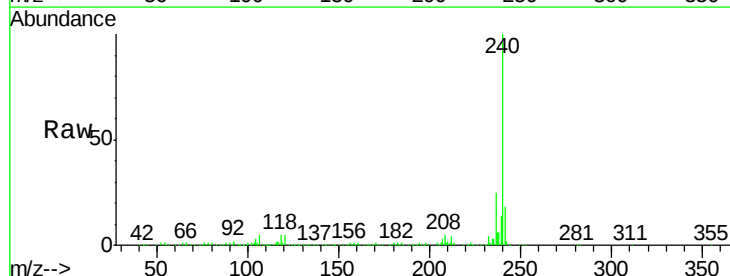
Tgt Ion:240 Resp: 398911

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

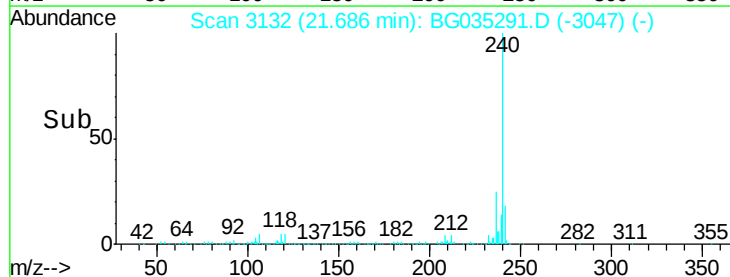
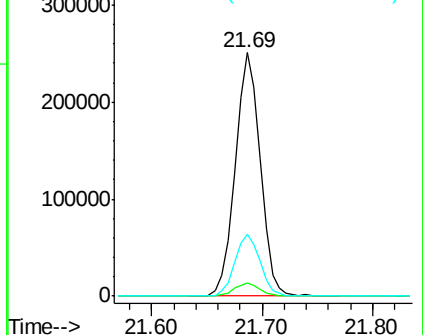
236 25.3 20.9 31.3

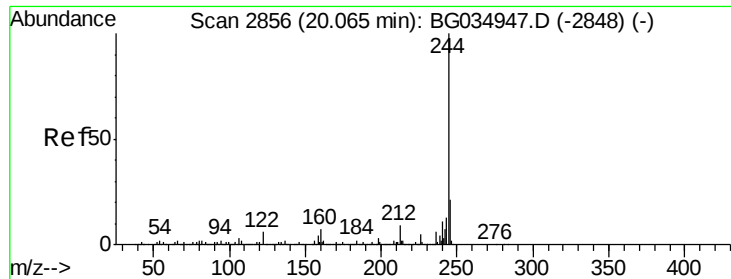


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.347 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035291.D

Acq: 21 Jun 2018 8:30

Instrument :

BNA_G

ClientSampleId :

SB-54-COMP

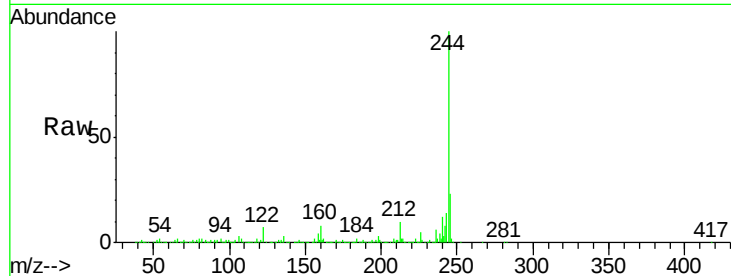
Tgt Ion:244 Resp: 1834831

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

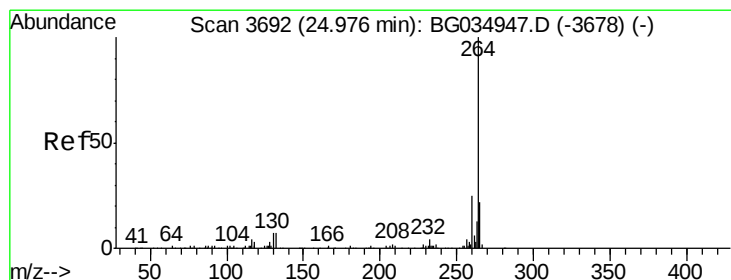
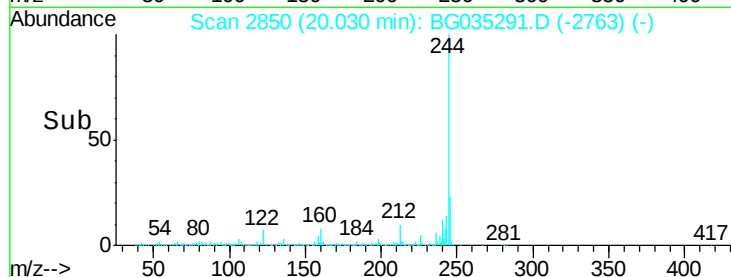
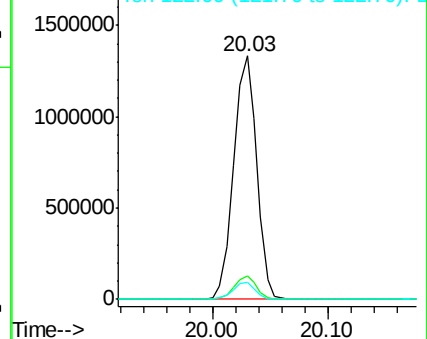
122 7.1 7.0 10.4



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# 3680

Delta R.T. -0.05 min

Lab File: BG035291.D

Acq: 21 Jun 2018 8:30

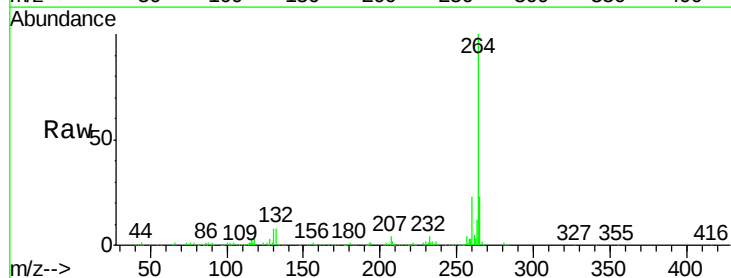
Tgt Ion:264 Resp: 379786

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 22.9 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

