

Data File : BG035287.D
Acq On : 21 Jun 2018 5:56
Operator : SJ/JU
Sample : J3573-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-47-COMP

Quant Time: Jun 21 07:01:01 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	65081	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	220125	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	147517	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	404140	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	450728	20.00	ng	-0.03
86) Perylene-d12	24.91	264	429889	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	460931	119.52	ng	0.00
7) Phenol-d6	7.22	99	582375	102.32	ng	0.00
23) Nitrobenzene-d5	9.22	82	460964	99.54	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	314281	166.43	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1019695	89.86	ng	-0.02
78) Terphenyl-d14	20.03	244	1889757	87.82	ng	-0.02

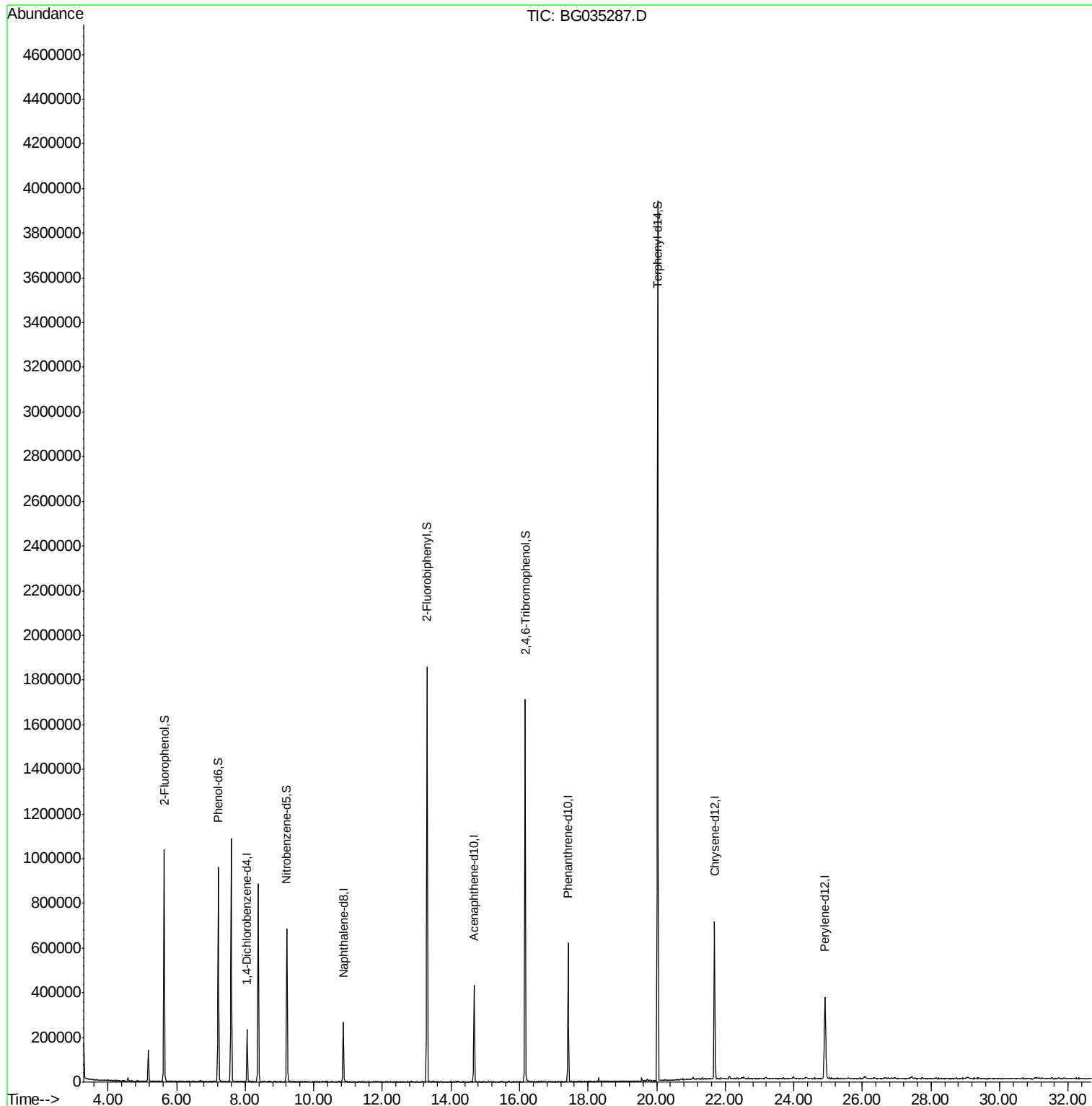
Target Compounds	Qvalue
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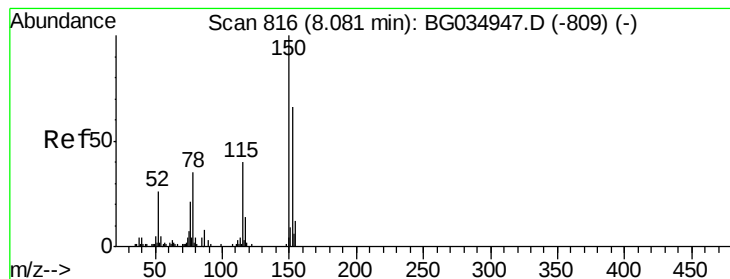
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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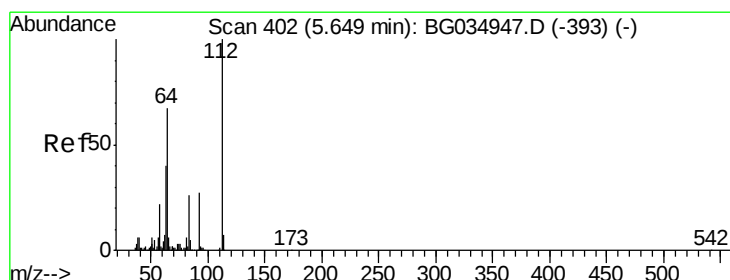
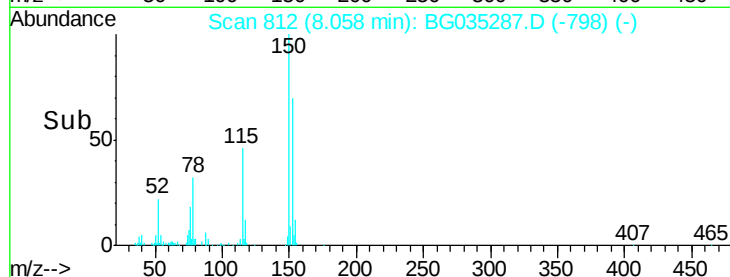
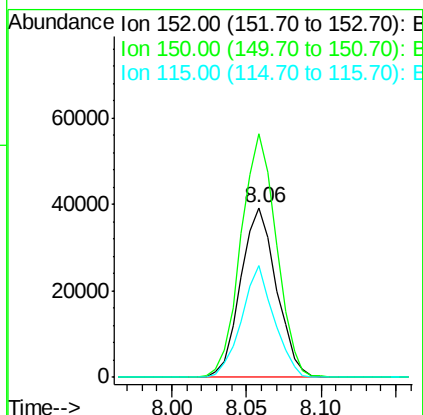
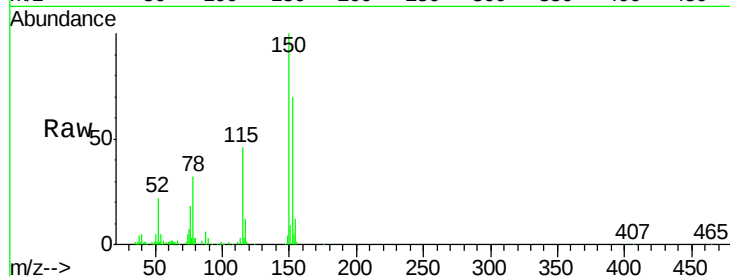


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BG035287.D
 Acq: 21 Jun 2018 5:56

Instrument :
 BNA_G
 ClientSampleId :
 SB-47-COMP

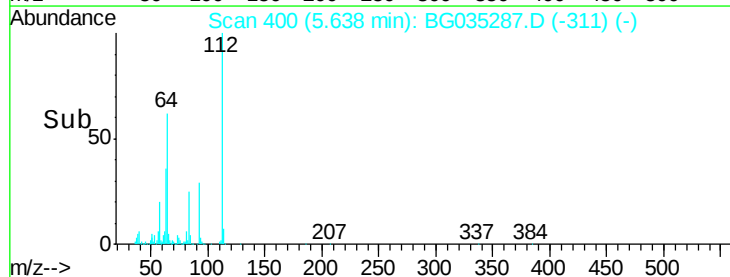
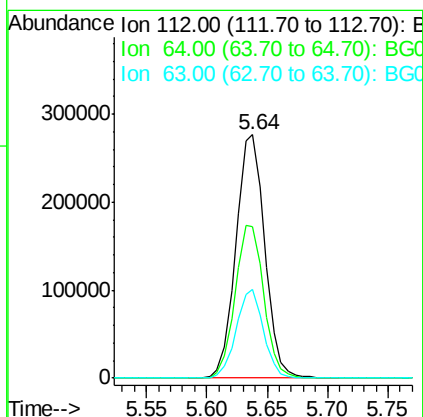
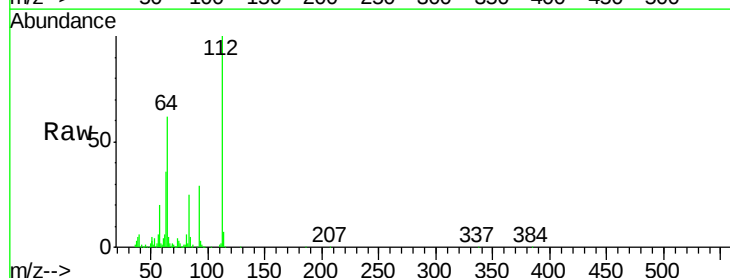
Tgt Ion:152 Resp: 65081
 Ion Ratio Lower Upper
 152 100
 150 143.2 126.6 189.8
 115 66.0 53.0 79.4

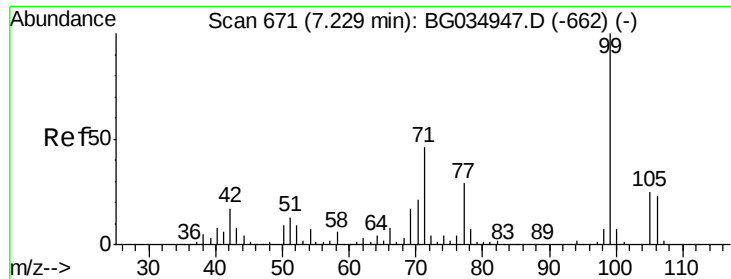


#5

2-Fluorophenol
 Concen: 119.523 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG035287.D
 Acq: 21 Jun 2018 5:56

Tgt Ion:112 Resp: 460931
 Ion Ratio Lower Upper
 112 100
 64 62.4 56.3 84.5
 63 36.3 30.1 45.1





#7

Phenol-d6

Concen: 102.318 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035287.D

Acq: 21 Jun 2018 5:56

Instrument :

BNA_G

ClientSampleId :

SB-47-COMP

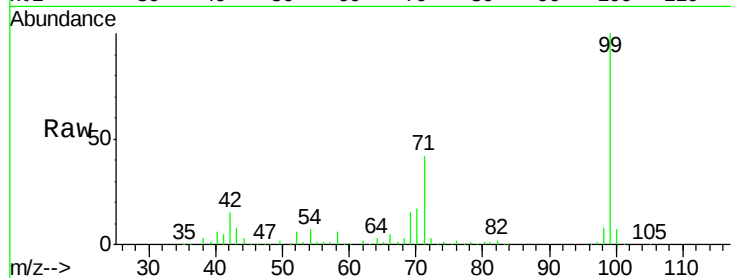
Tgt Ion: 99 Resp: 582375

Ion Ratio Lower Upper

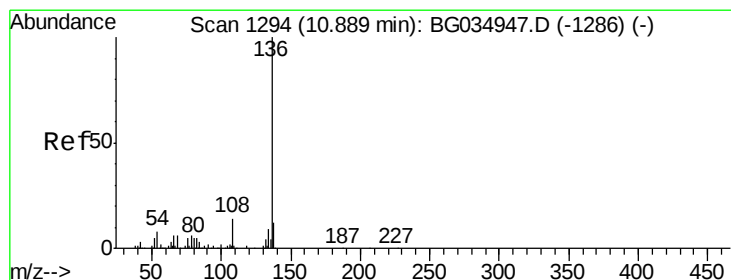
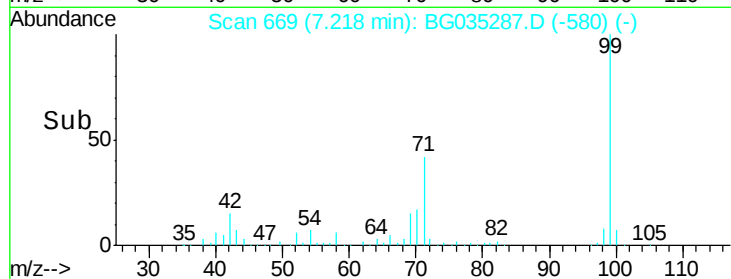
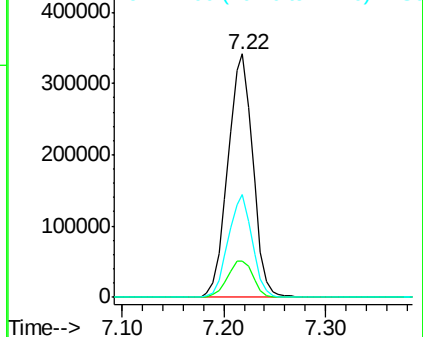
99 100

42 14.9 14.1 21.1

71 42.3 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: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG035287.D

Acq: 21 Jun 2018 5:56

Tgt Ion: 136 Resp: 220125

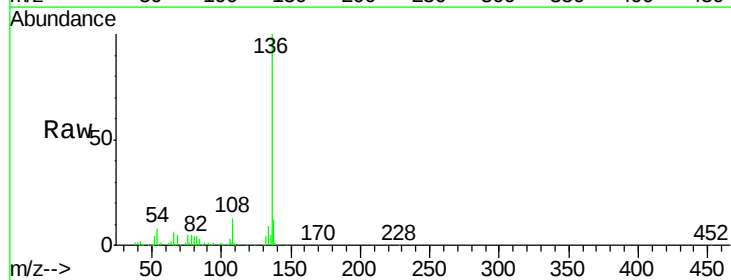
Ion Ratio Lower Upper

136 100

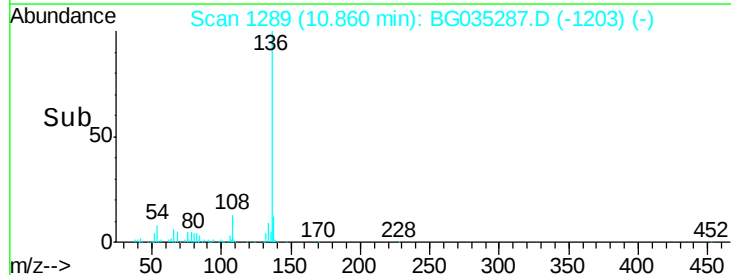
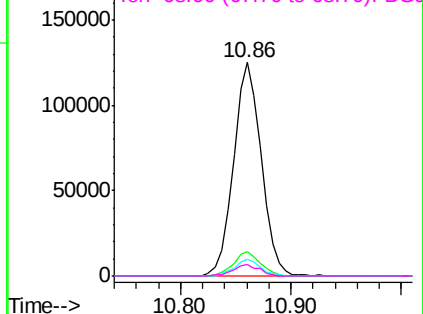
137 11.7 9.2 13.8

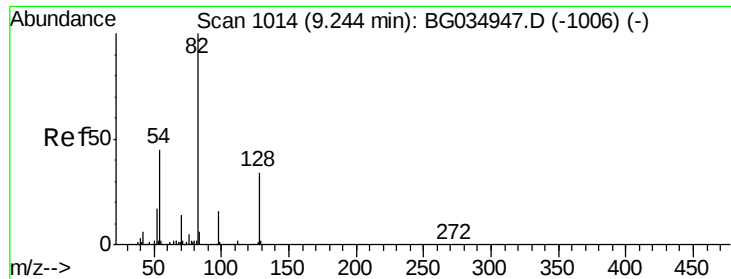
54 7.5 10.3 15.5#

68 5.3 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

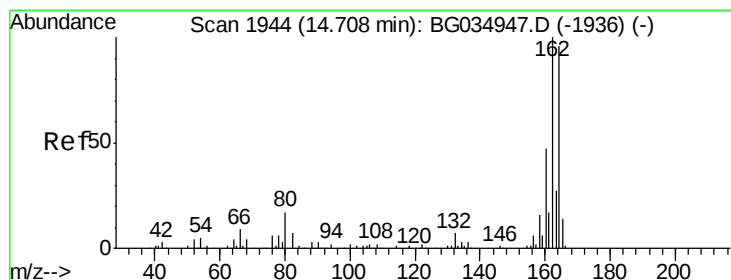
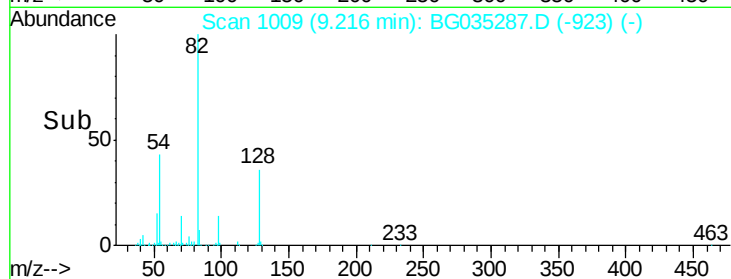
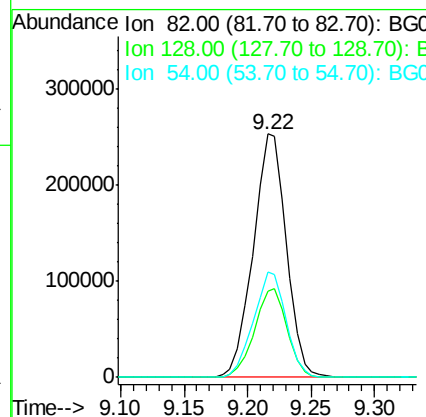
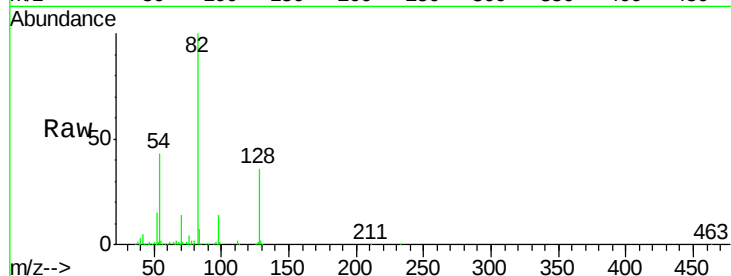




#23
 Nitrobenzene-d5
 Concen: 99.542 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035287.D
 Acq: 21 Jun 2018 5:56

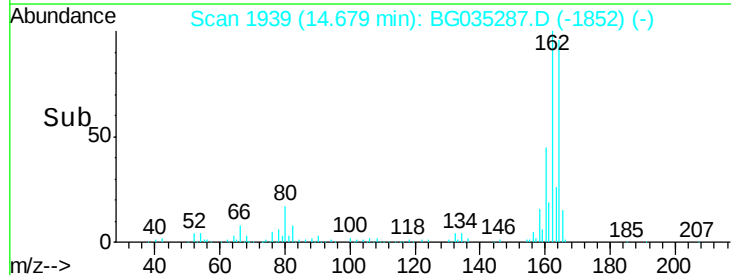
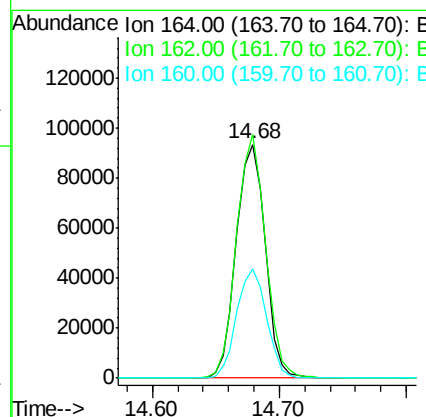
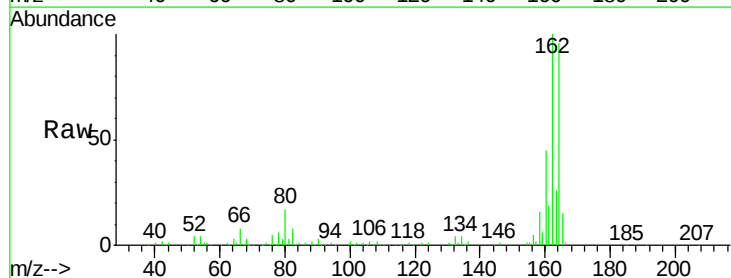
Instrument :
 BNA_G
 ClientSampleId :
 SB-47-COMP

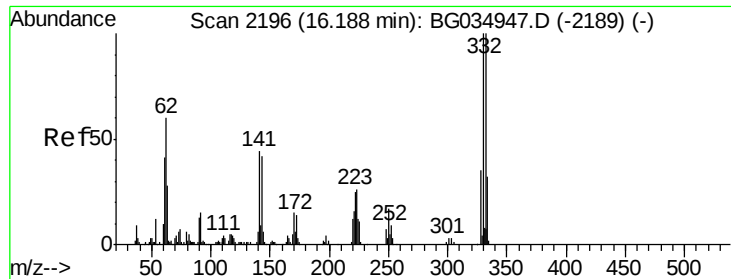
Tgt Ion: 82 Resp: 460964
 Ion Ratio Lower Upper
 82 100
 128 35.6 29.7 44.5
 54 43.0 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG035287.D
 Acq: 21 Jun 2018 5:56

Tgt Ion: 164 Resp: 147517
 Ion Ratio Lower Upper
 164 100
 162 104.0 78.8 118.2
 160 46.8 35.4 53.0

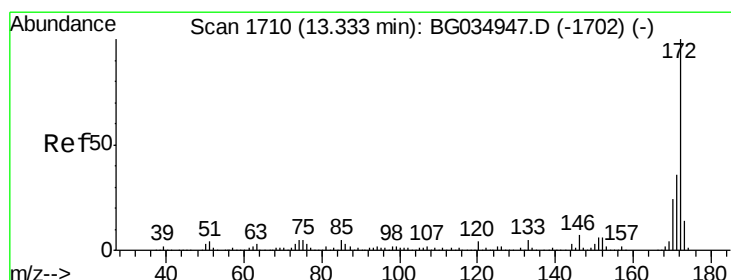
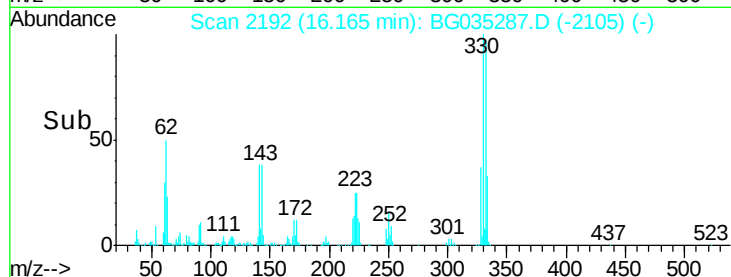
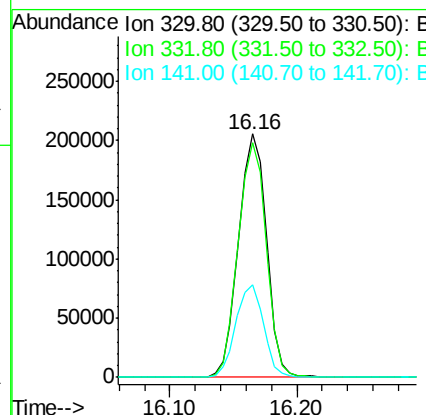
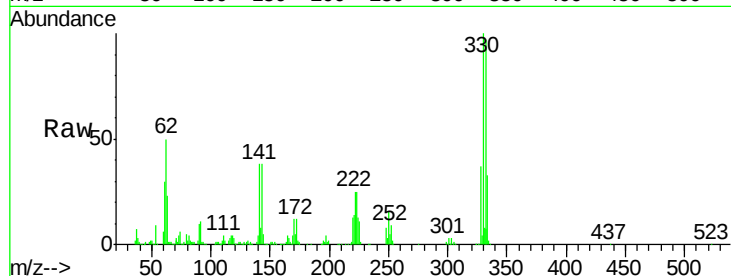




#41
 2,4,6-Tribromophenol
 Concen: 166.427 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035287.D
 Acq: 21 Jun 2018 5:56

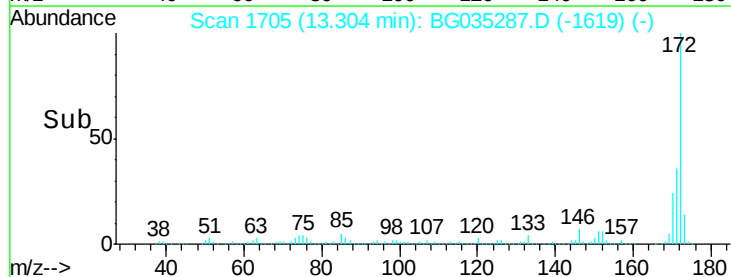
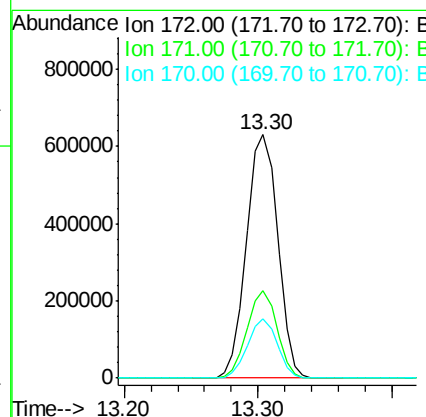
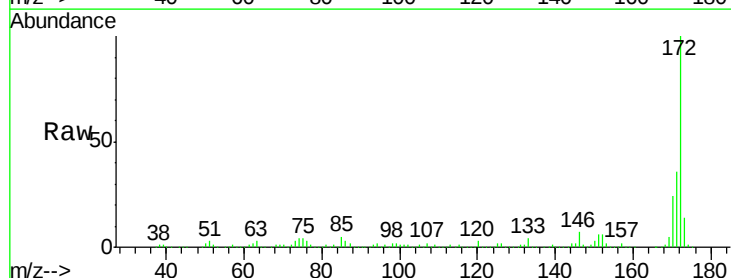
Instrument :
 BNA_G
 ClientSampleId :
 SB-47-COMP

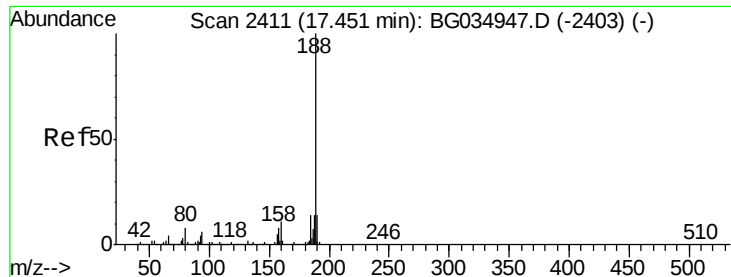
Tgt Ion:330 Resp: 314281
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 37.7 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 89.861 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035287.D
 Acq: 21 Jun 2018 5:56

Tgt Ion:172 Resp: 1019695
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.0 45.0
 170 24.1 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: BG035287.D

Acq: 21 Jun 2018 5:56

Instrument :

BNA_G

ClientSampleId :

SB-47-COMP

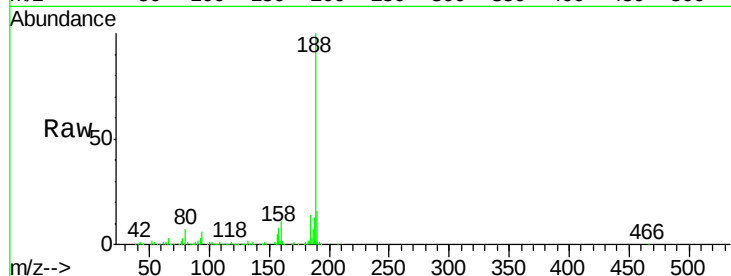
Tgt Ion:188 Resp: 404140

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

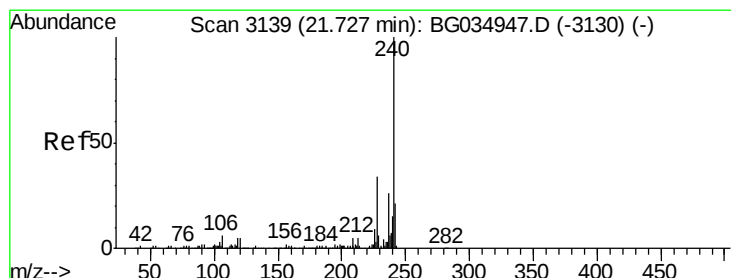
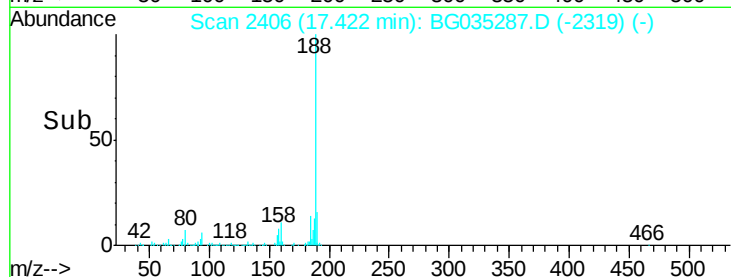
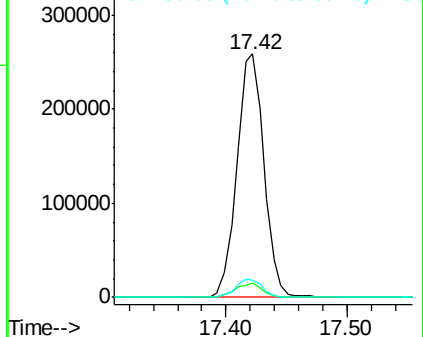
80 6.8 7.7 11.5#



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: BG035287.D

Acq: 21 Jun 2018 5:56

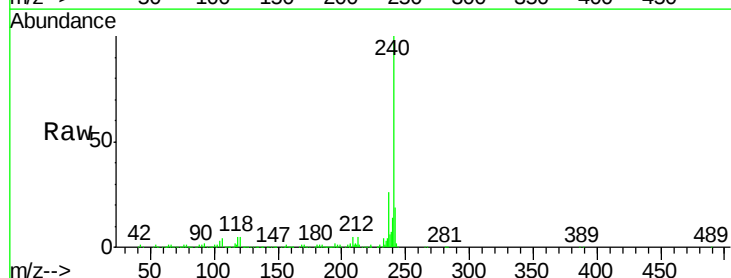
Tgt Ion:240 Resp: 450728

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

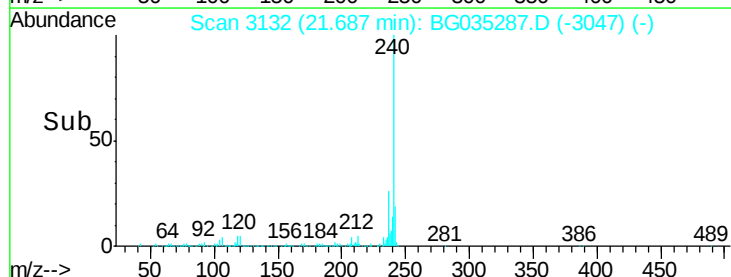
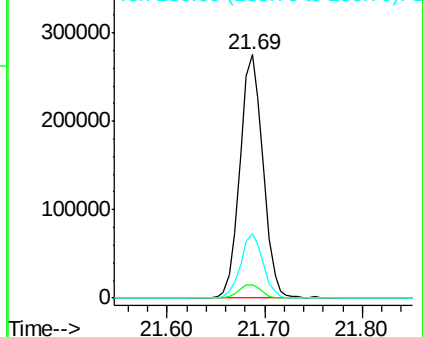
236 26.4 20.9 31.3

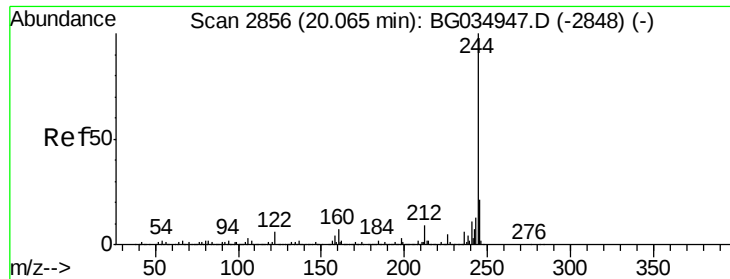


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.823 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035287.D

Acq: 21 Jun 2018 5:56

Instrument :

BNA_G

ClientSampleId :

SB-47-COMP

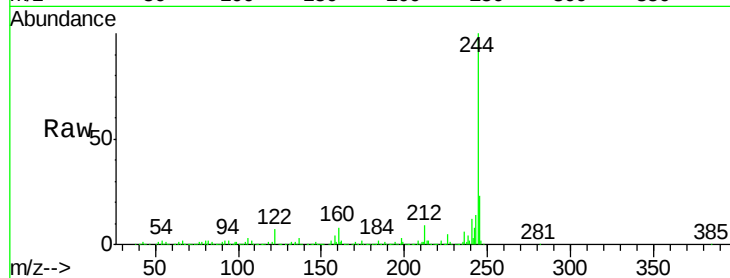
Tgt Ion:244 Resp: 1889757

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

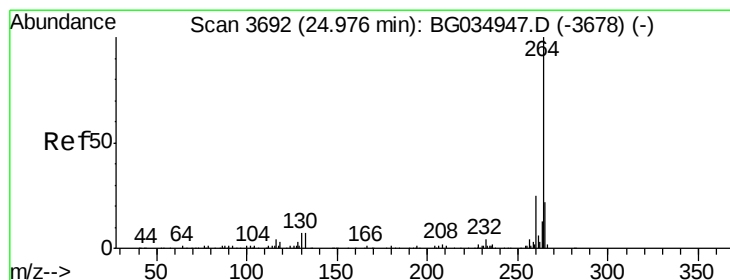
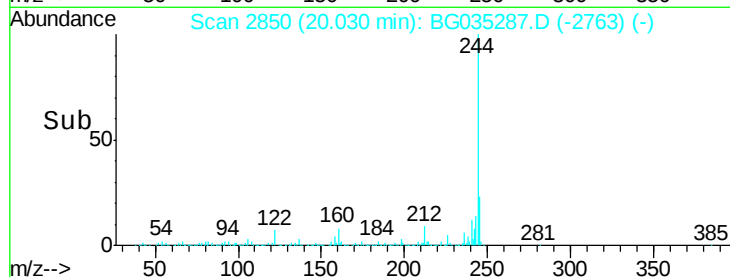
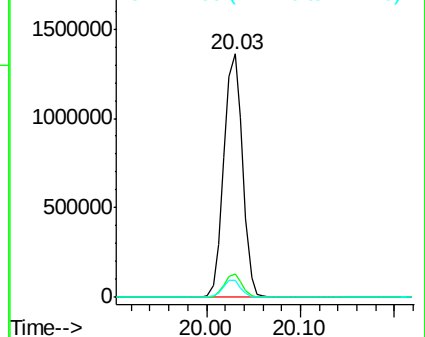
122 7.0 7.0 10.4



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# 3680

Delta R.T. -0.05 min

Lab File: BG035287.D

Acq: 21 Jun 2018 5:56

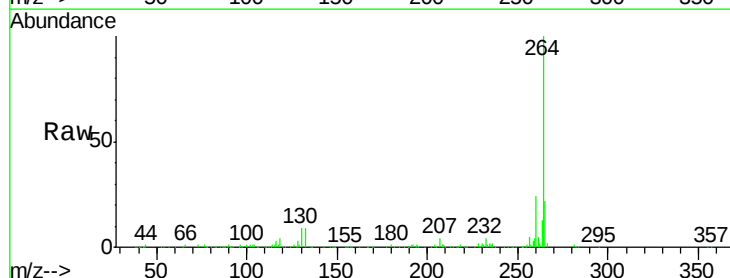
Tgt Ion:264 Resp: 429889

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 22.0 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

