

Data File : BG035271.D
Acq On : 20 Jun 2018 18:16
Operator : SJ/JU
Sample : J3249-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-061818-B

Quant Time: Jun 21 05:29:53 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

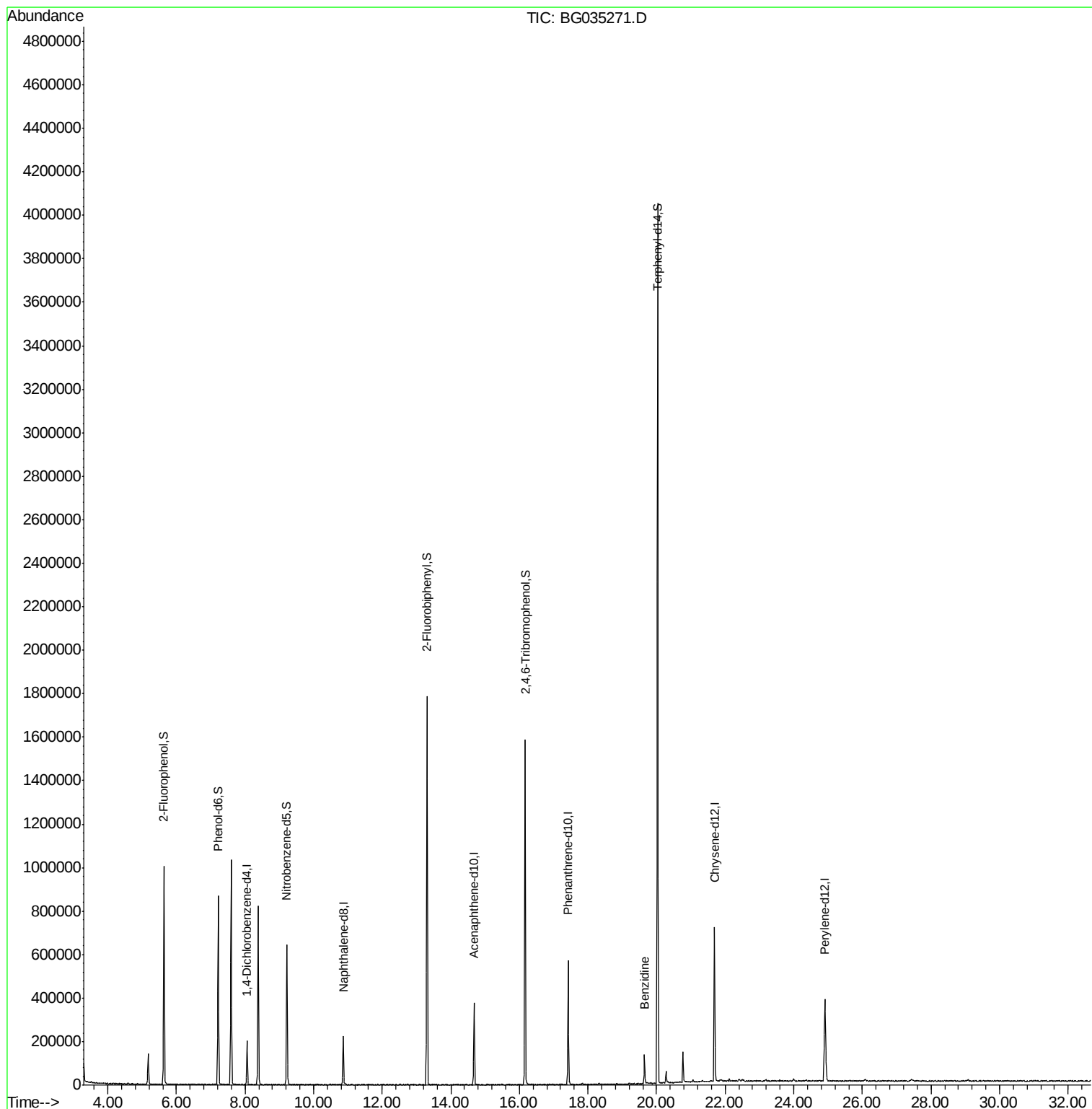
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	57459	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	190295	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	132626	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	364001	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	433824	20.00	ng	-0.03
86) Perylene-d12	24.91	264	427451	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	431757	126.81	ng	-0.01
7) Phenol-d6	7.22	99	541048	107.67	ng	0.00
23) Nitrobenzene-d5	9.22	82	429238	107.22	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	314562	185.28	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	959812	94.08	ng	-0.02
78) Terphenyl-d14	20.03	244	1925767	92.98	ng	-0.02
Target Compounds						
76) Benzidine	19.64	184	91740	5.684	ng	Qvalue 97

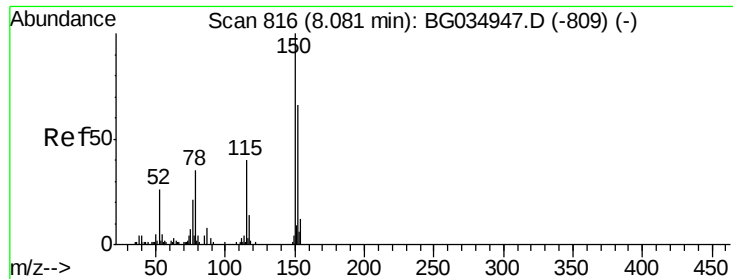
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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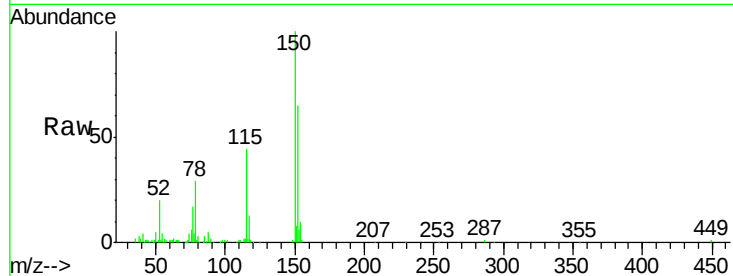


#1

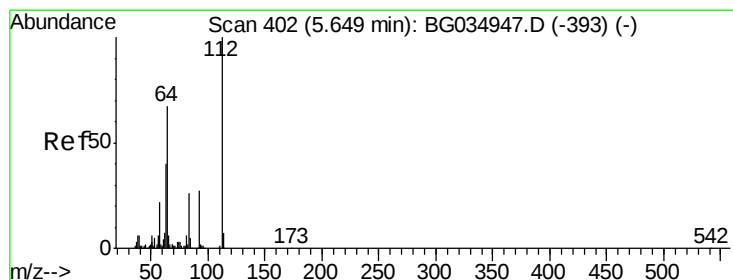
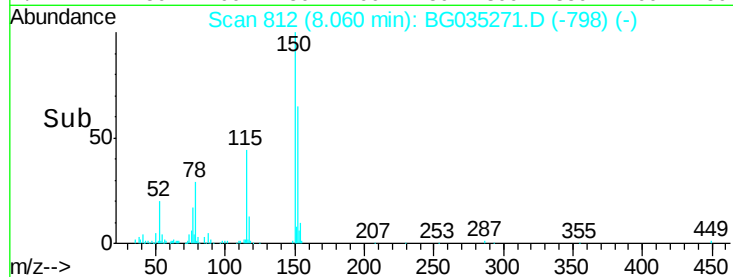
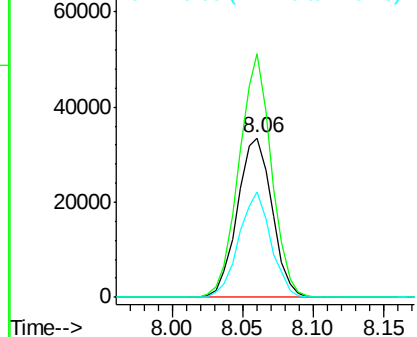
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035271.D
Acq: 20 Jun 2018 18:16

Instrument :
BNA_G
ClientSampleId :
PL-01-061818-B

Tgt Ion:152 Resp: 57459
Ion Ratio Lower Upper
152 100
150 152.8 126.6 189.8
115 66.5 53.0 79.4



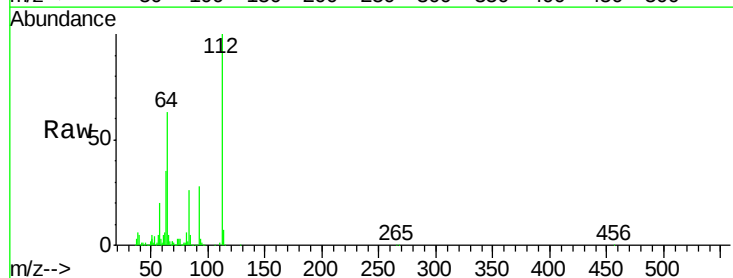
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



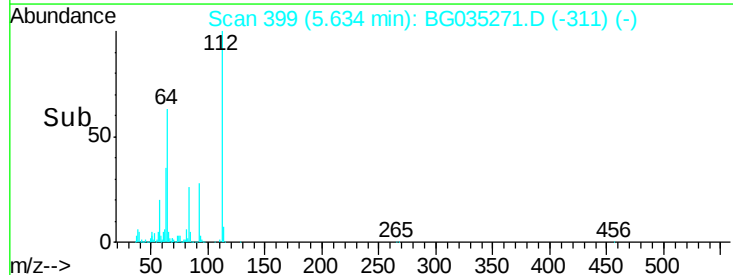
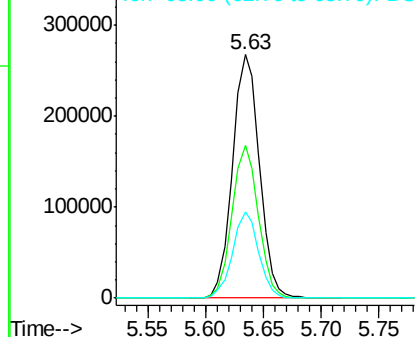
#5

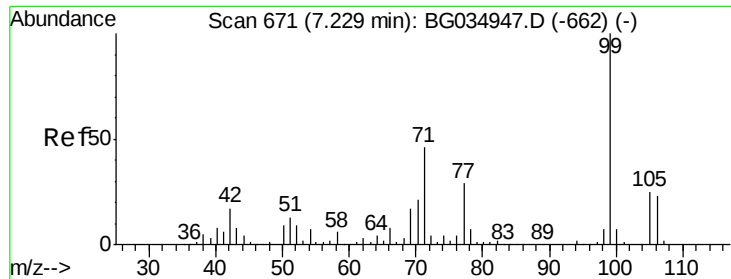
2-Fluorophenol
Concen: 126.810 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035271.D
Acq: 20 Jun 2018 18:16

Tgt Ion:112 Resp: 431757
Ion Ratio Lower Upper
112 100
64 62.7 56.3 84.5
63 35.2 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: 107.666 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035271.D

Acq: 20 Jun 2018 18:16

Instrument :

BNA_G

ClientSampleId :

PL-01-061818-B

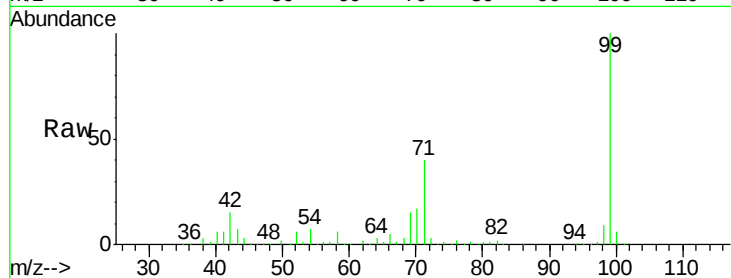
Tgt Ion: 99 Resp: 541048

Ion Ratio Lower Upper

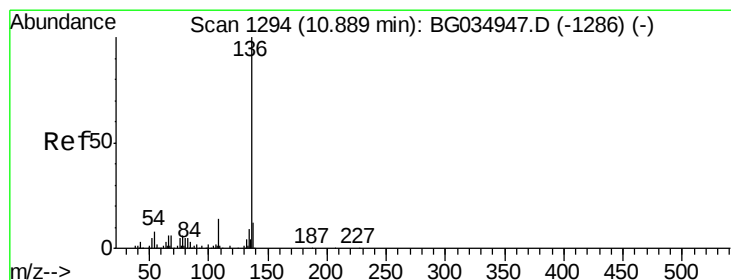
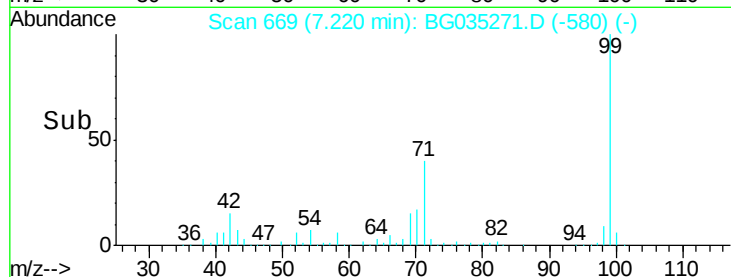
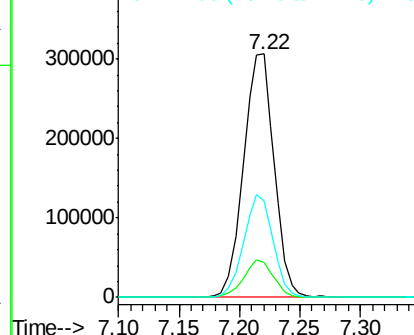
99 100

42 14.6 14.1 21.1

71 39.8 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: BG035271.D

Acq: 20 Jun 2018 18:16

Tgt Ion: 136 Resp: 190295

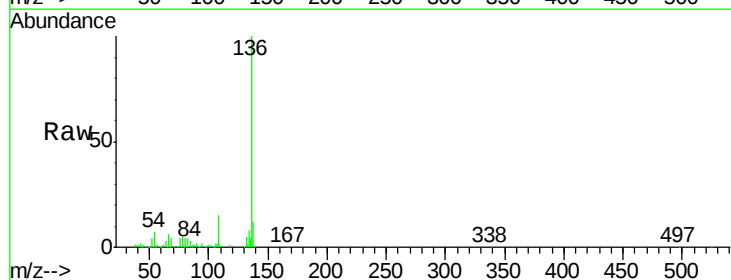
Ion Ratio Lower Upper

136 100

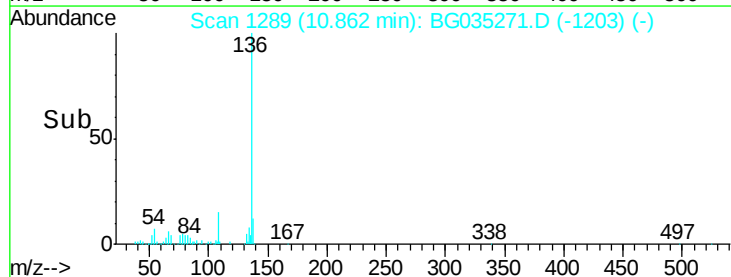
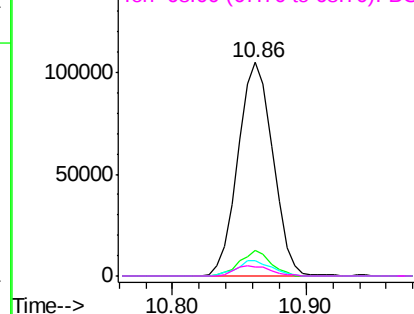
137 11.8 9.2 13.8

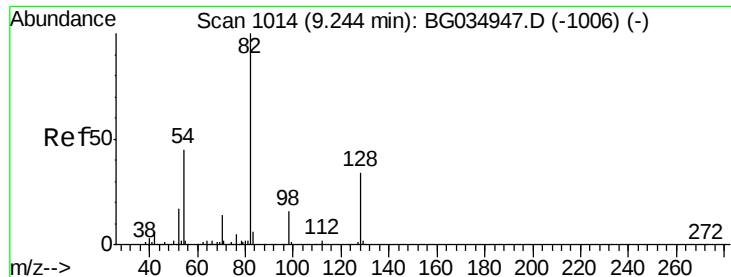
54 7.0 10.3 15.5#

68 4.0 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

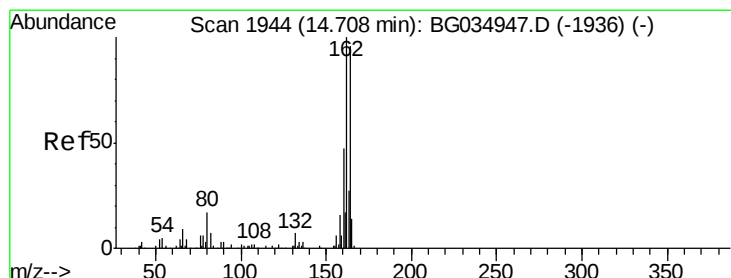
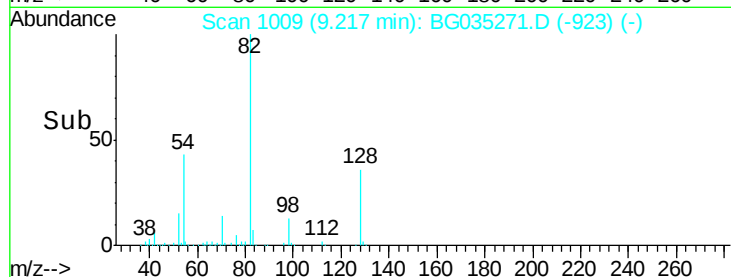
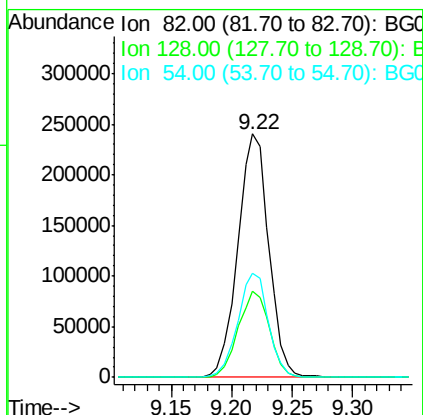
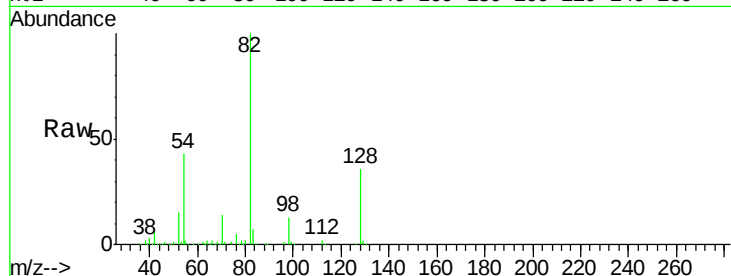




#23
 Nitrobenzene-d5
 Concen: 107.221 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035271.D
 Acq: 20 Jun 2018 18:16

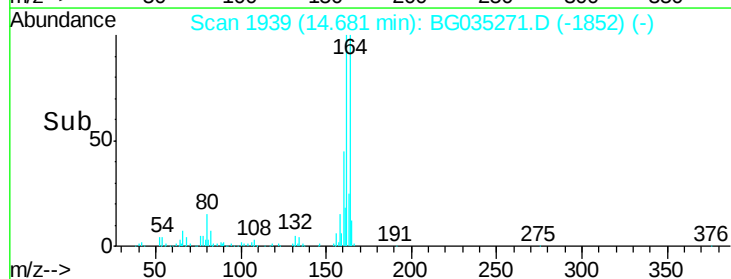
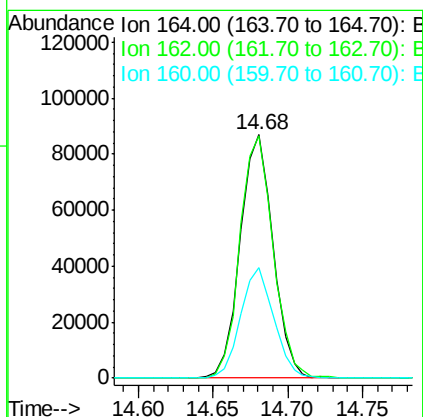
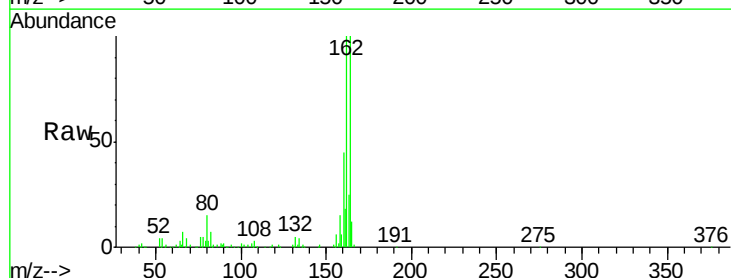
Instrument :
 BNA_G
 ClientSampleId :
 PL-01-061818-B

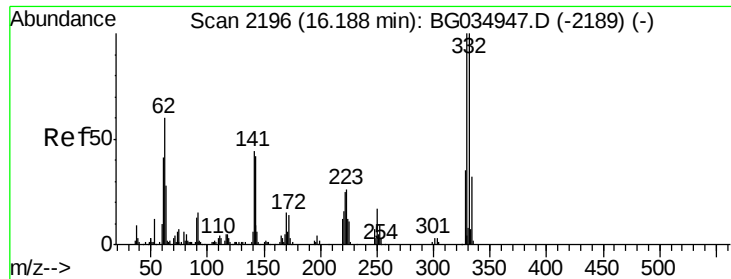
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.6	29.7	44.5
54	42.9	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG035271.D
 Acq: 20 Jun 2018 18:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	78.8	118.2
160	45.4	35.4	53.0

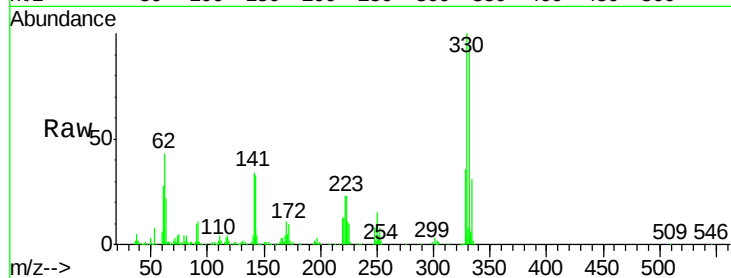




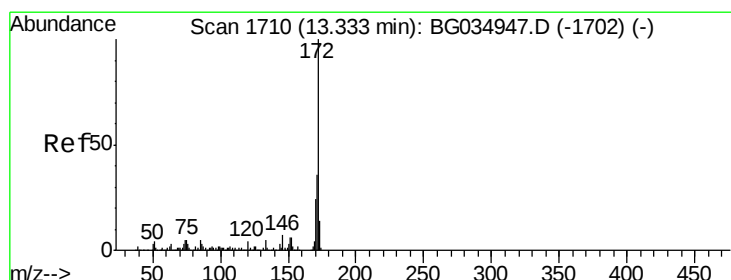
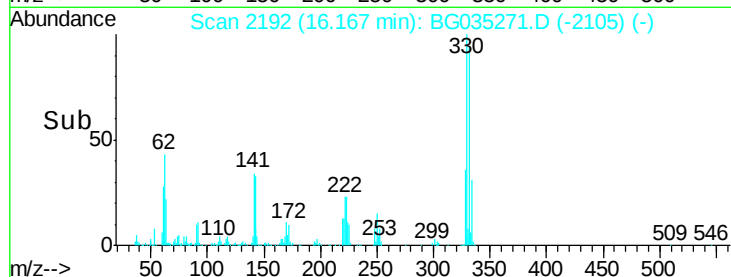
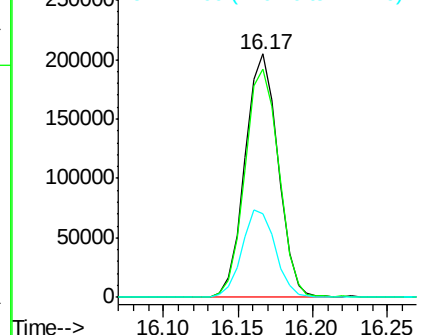
#41
 2,4,6-Tribromophenol
 Concen: 185.278 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035271.D
 Acq: 20 Jun 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-061818-B

Tgt Ion:330 Resp: 314562
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 36.2 25.2 37.8

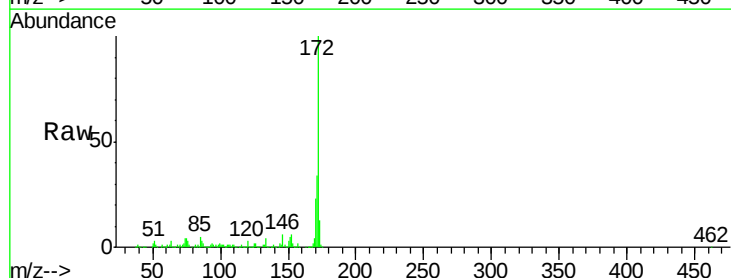


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

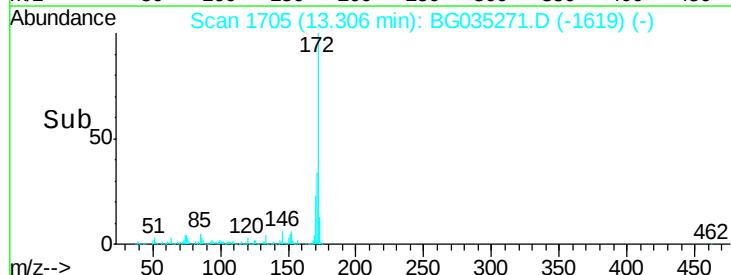
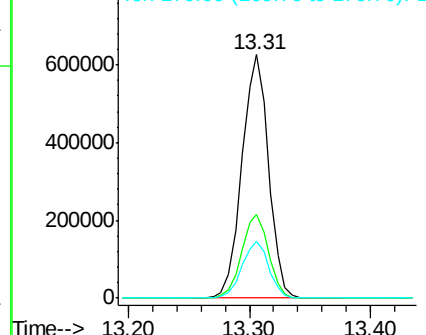


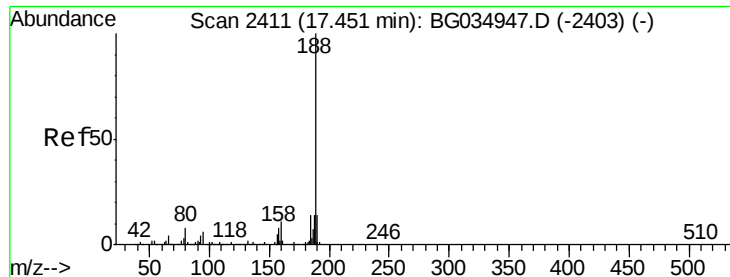
#44
 2-Fluorobiphenyl
 Concen: 94.081 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035271.D
 Acq: 20 Jun 2018 18:16

Tgt Ion:172 Resp: 959812
 Ion Ratio Lower Upper
 172 100
 171 34.2 30.0 45.0
 170 23.2 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: BG035271.D

Acq: 20 Jun 2018 18:16

Instrument :

BNA_G

ClientSampleId :

PL-01-061818-B

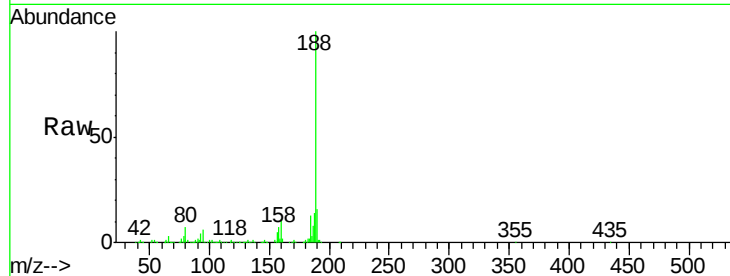
Tgt Ion:188 Resp: 364001

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

80 7.1 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

300000

250000

200000

150000

100000

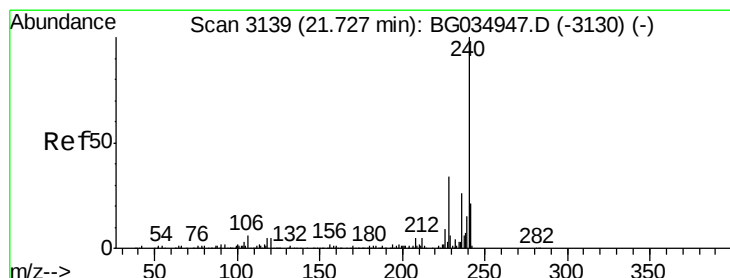
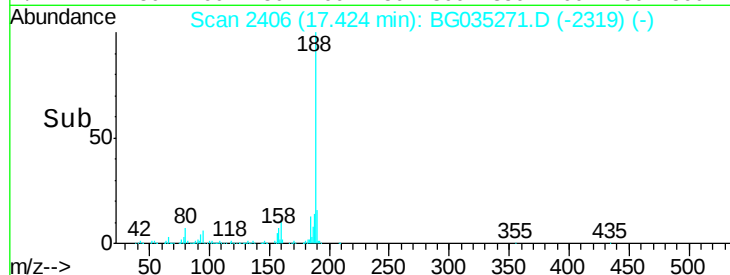
50000

0

17.42

17.40 17.50

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035271.D

Acq: 20 Jun 2018 18:16

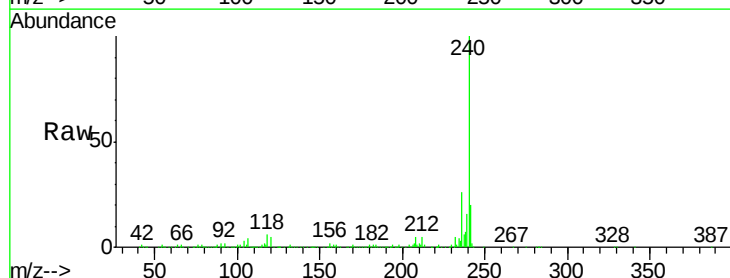
Tgt Ion:240 Resp: 433824

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

236 25.9 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

300000

200000

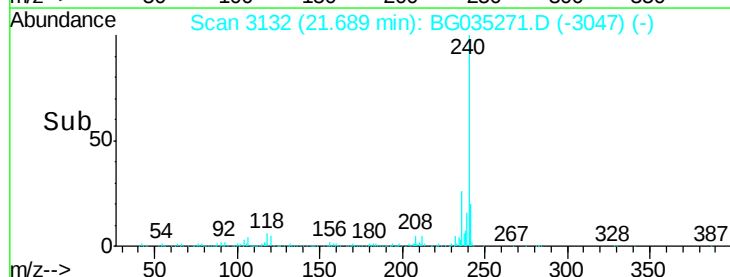
100000

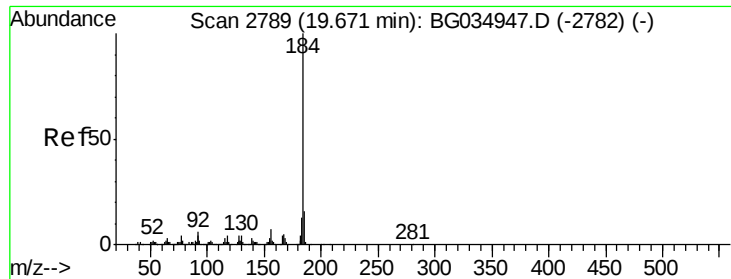
0

21.69

21.60 21.70 21.80

Time-->





#76

Benzidine

Concen: 5.684 ng

RT: 19.64 min Scan# 2784

Delta R.T. -0.02 min

Lab File: BG035271.D

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Instrument :

BNA_G

ClientSampleId :

PL-01-061818-B

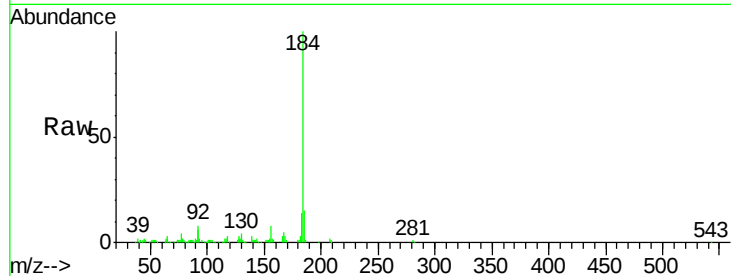
Tgt Ion:184 Resp: 91740

Ion Ratio Lower Upper

184 100

185 15.1 11.1 16.7

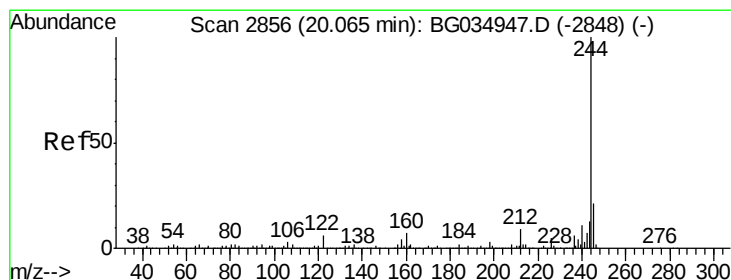
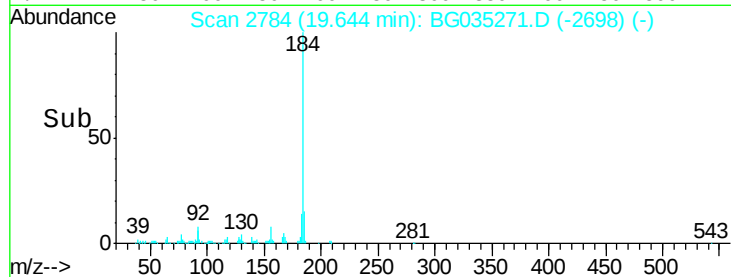
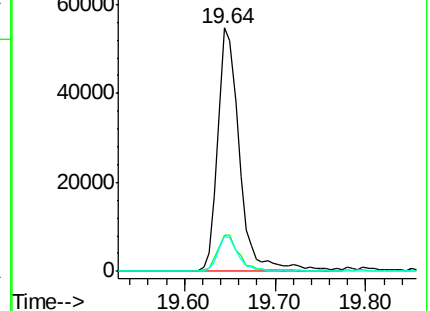
183 14.5 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 92.984 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035271.D

Acq: 20 Jun 2018 18:16

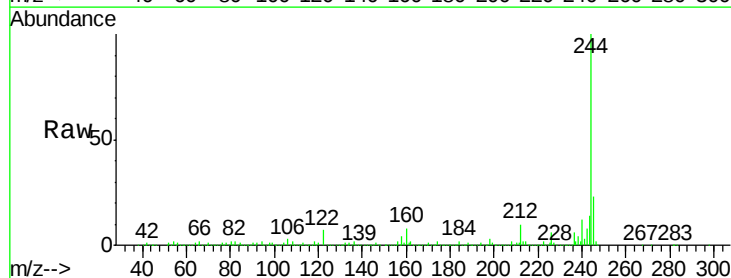
Tgt Ion:244 Resp: 1925767

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

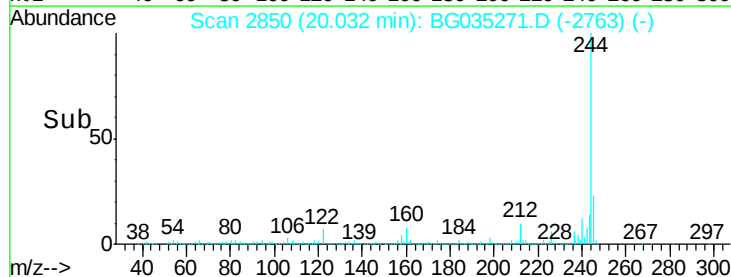
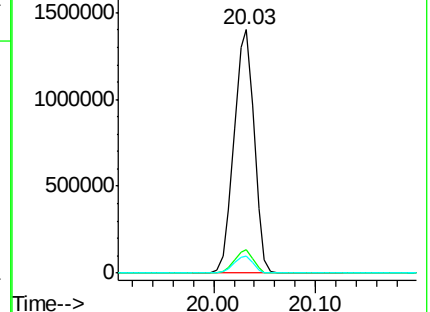
122 7.0 7.0 10.4

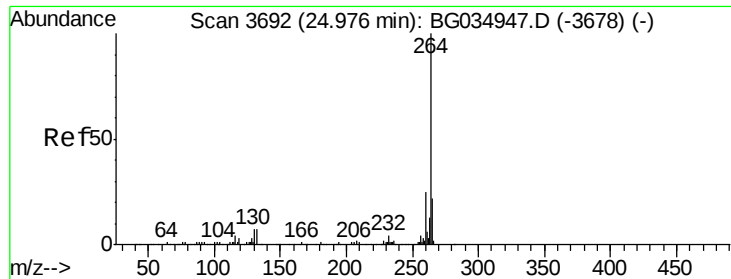


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3680
Delta R.T. -0.05 min
Lab File: BG035271.D
Acq: 20 Jun 2018 18:16

Instrument :
BNA_G
ClientSampleId :
PL-01-061818-B

Tgt Ion: 264 Resp: 427451

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	19.9	17.7	26.5

