

Data File : BG035263.D
Acq On : 20 Jun 2018 12:21
Operator : SJ/JU
Sample : J3538-12RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-T-5-STONE

Quant Time: Jun 20 14:17:10 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	50536	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	173745	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	121633	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	355999	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	425056	20.00	ng	-0.03
86) Perylene-d12	24.91	264	283883	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	427473	142.75	ng	-0.01
7) Phenol-d6	7.22	99	555894	125.77	ng	0.00
23) Nitrobenzene-d5	9.22	82	435270	119.08	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	344032	220.95	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1020217	109.04	ng	-0.02
78) Terphenyl-d14	20.03	244	2184944	107.67	ng	-0.02

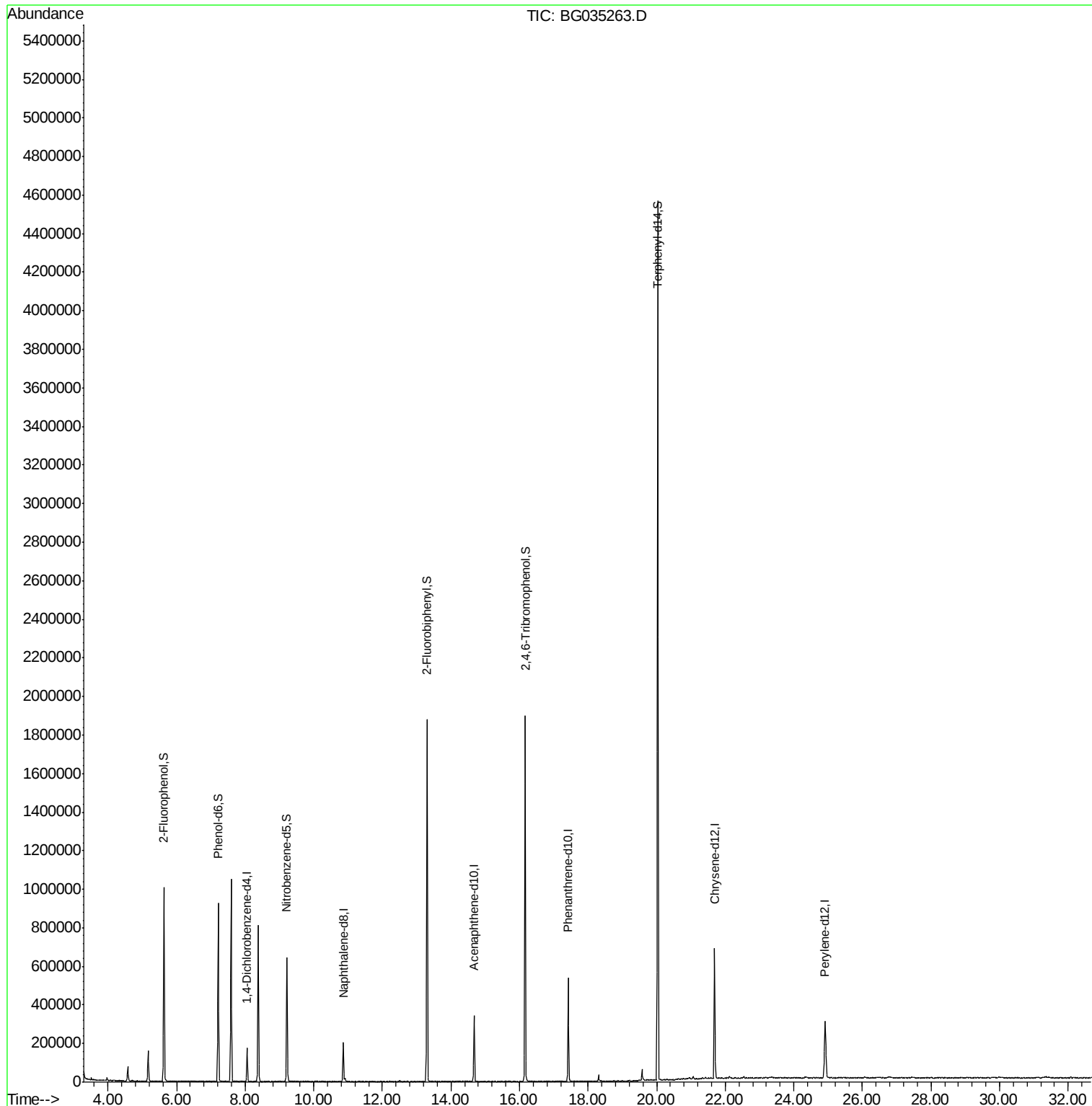
Target Compounds	Qvalue
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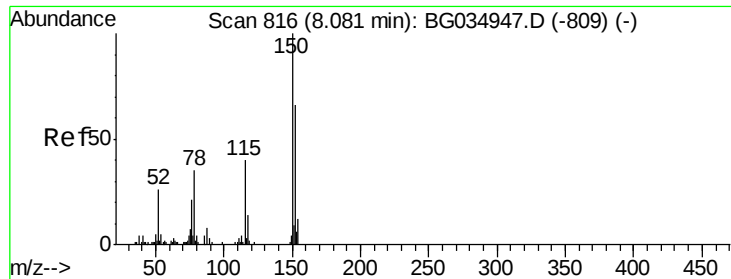
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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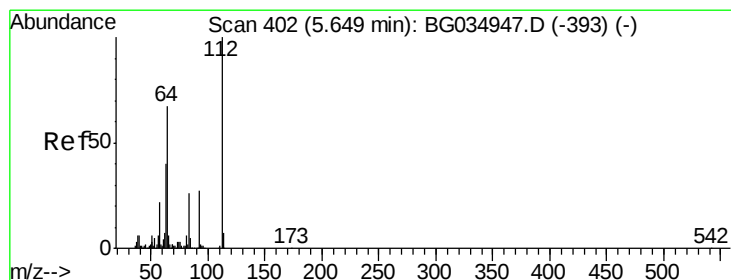
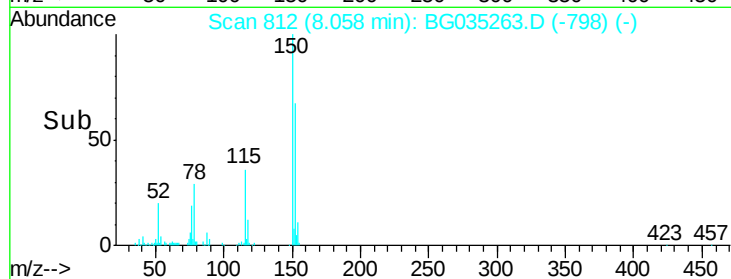
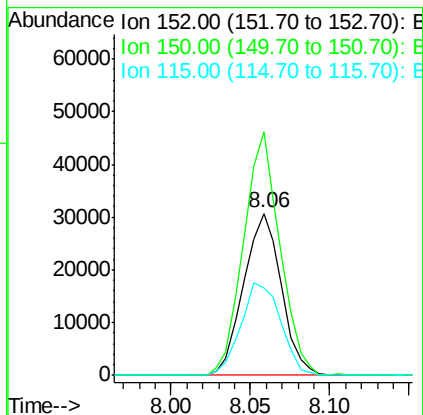
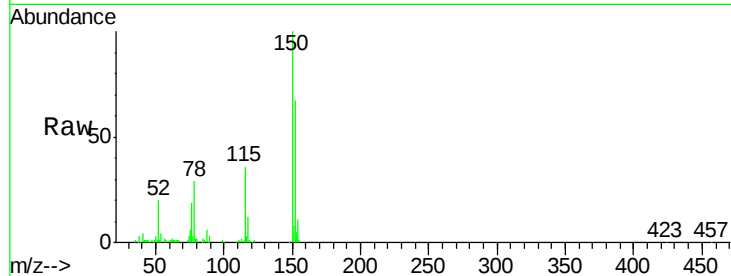


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035263.D
Acq: 20 Jun 2018 12:21

Instrument :
BNA_G
ClientSampleId :
SS-T-5-STONE

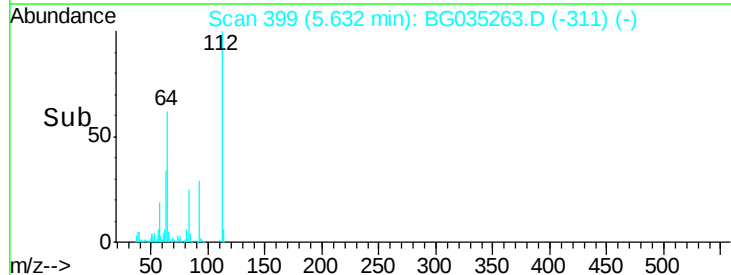
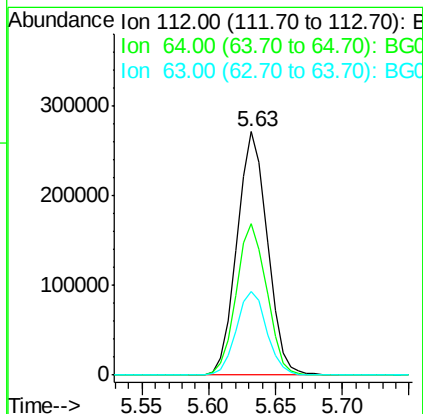
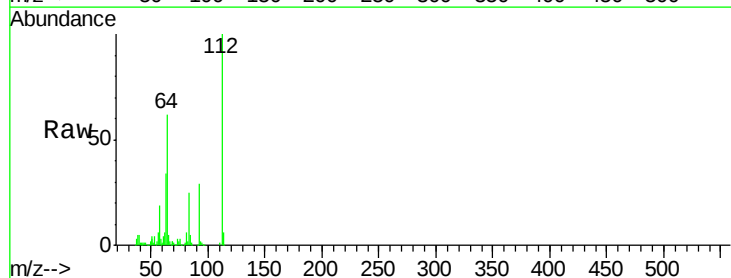
Tgt Ion:152 Resp: 50536
Ion Ratio Lower Upper
152 100
150 150.2 126.6 189.8
115 53.6 53.0 79.4

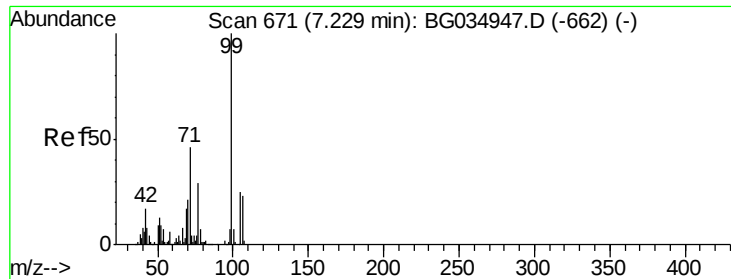


#5

2-Fluorophenol
Concen: 142.751 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035263.D
Acq: 20 Jun 2018 12:21

Tgt Ion:112 Resp: 427473
Ion Ratio Lower Upper
112 100
64 62.1 56.3 84.5
63 34.2 30.1 45.1





#7

Phenol-d6

Concen: 125.775 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035263.D

Acq: 20 Jun 2018 12:21

Instrument :

BNA_G

ClientSampleId :

SS-T-5-STONE

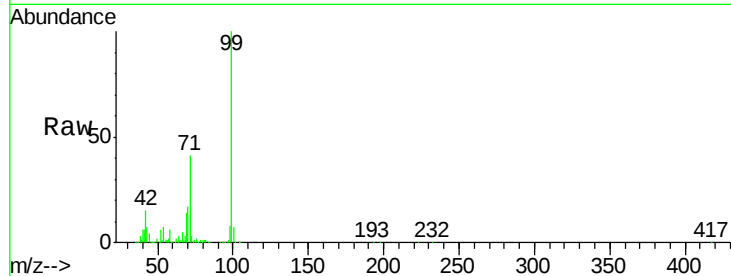
Tgt Ion: 99 Resp: 555894

Ion Ratio Lower Upper

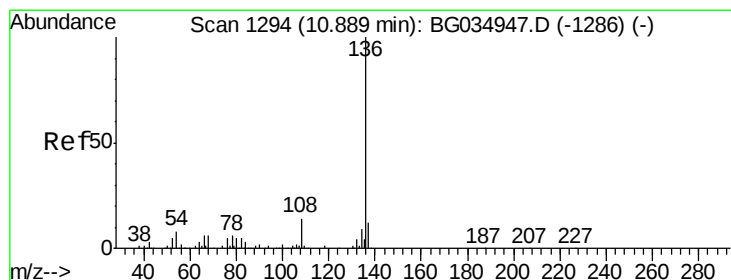
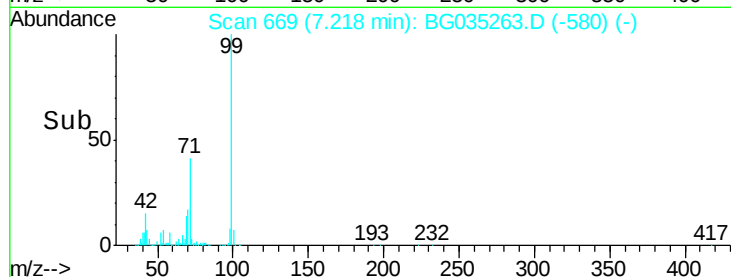
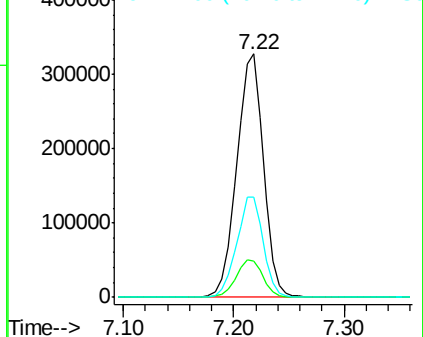
99 100

42 14.9 14.1 21.1

71 41.2 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: BG035263.D

Acq: 20 Jun 2018 12:21

Tgt Ion: 136 Resp: 173745

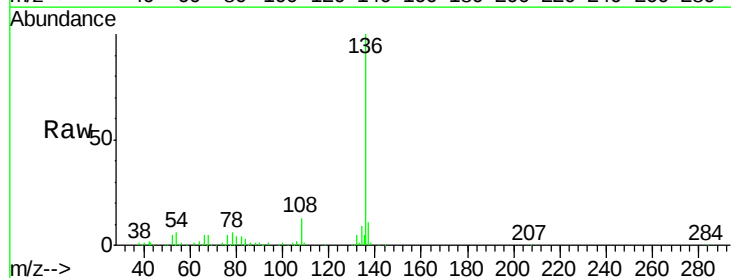
Ion Ratio Lower Upper

136 100

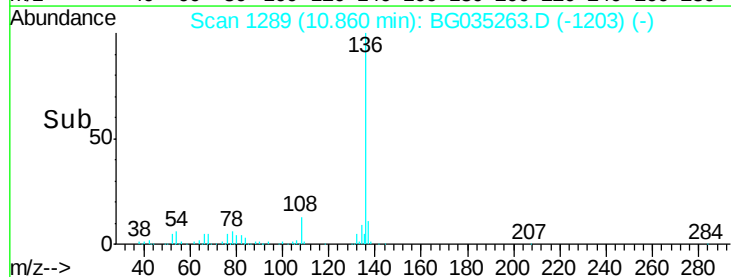
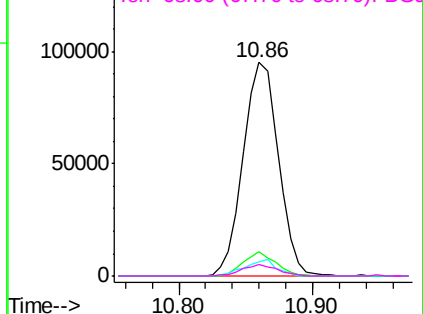
137 11.2 9.2 13.8

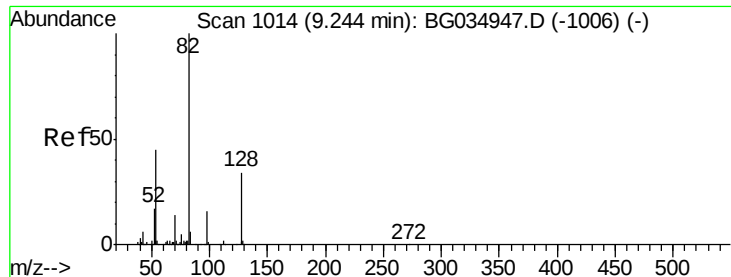
54 6.5 10.3 15.5#

68 5.1 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

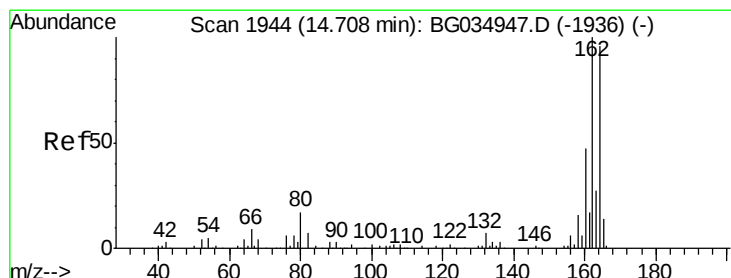
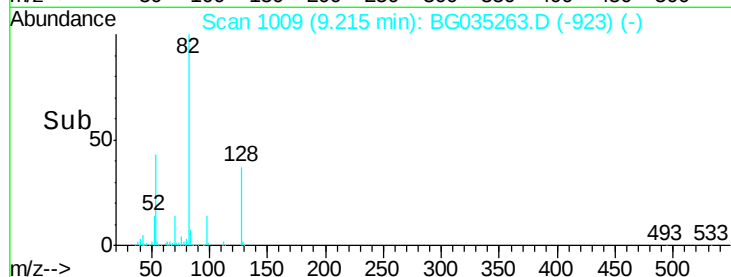
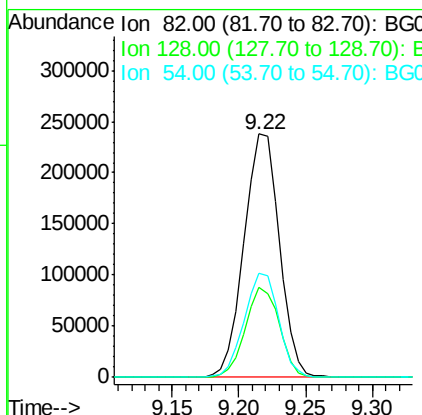
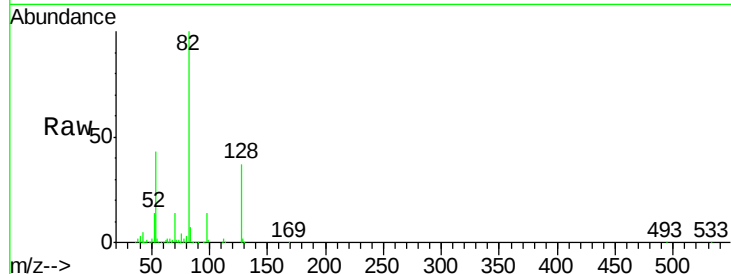




#23
Nitrobenzene-d5
Concen: 119.084 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035263.D
Acq: 20 Jun 2018 12:21

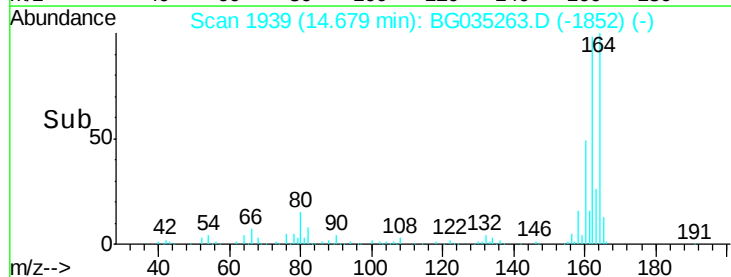
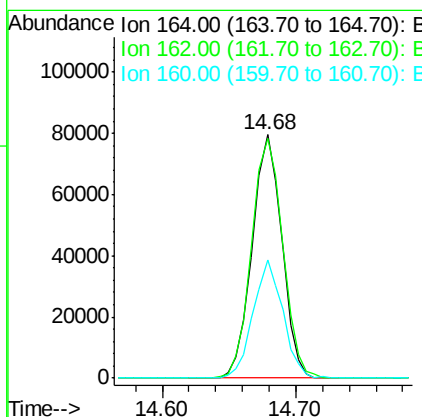
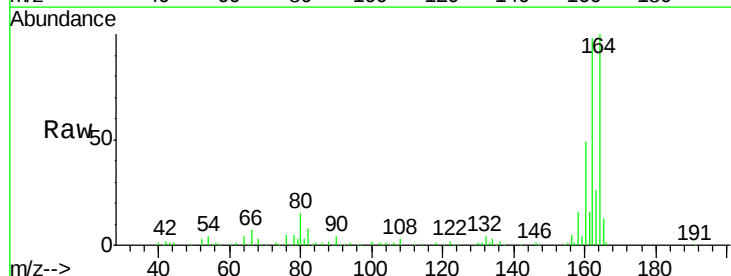
Instrument :
BNA_G
ClientSampleId :
SS-T-5-STONE

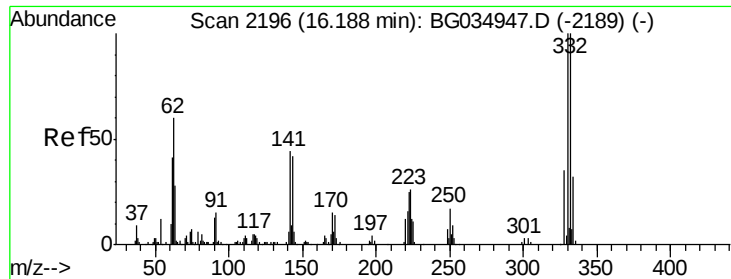
Tgt Ion: 82 Resp: 435270
Ion Ratio Lower Upper
82 100
128 37.2 29.7 44.5
54 42.7 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035263.D
Acq: 20 Jun 2018 12:21

Tgt Ion: 164 Resp: 121633
Ion Ratio Lower Upper
164 100
162 98.4 78.8 118.2
160 48.6 35.4 53.0

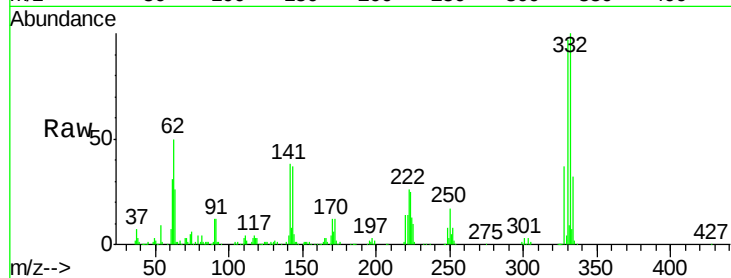




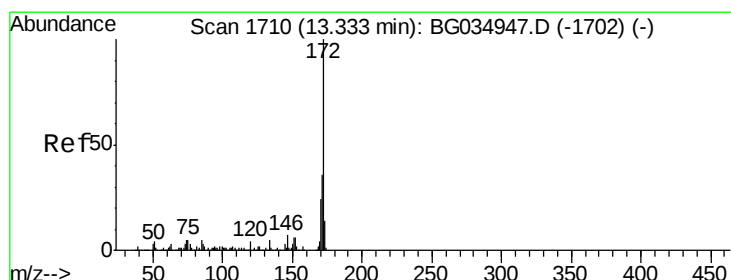
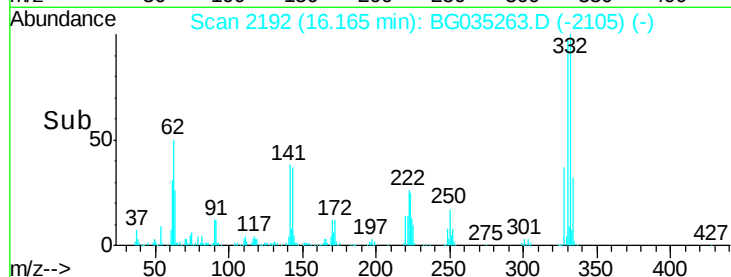
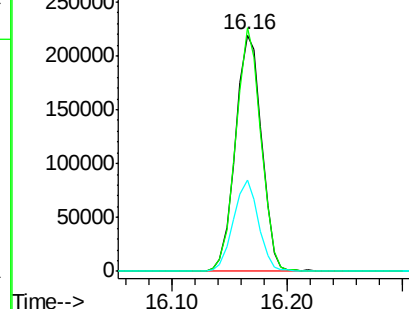
#41
 2,4,6-Tribromophenol
 Concen: 220.950 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035263.D
 Acq: 20 Jun 2018 12:21

Instrument :
 BNA_G
 ClientSampleId :
 SS-T-5-STONE

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.0	115.6
141	37.1	25.2	37.8

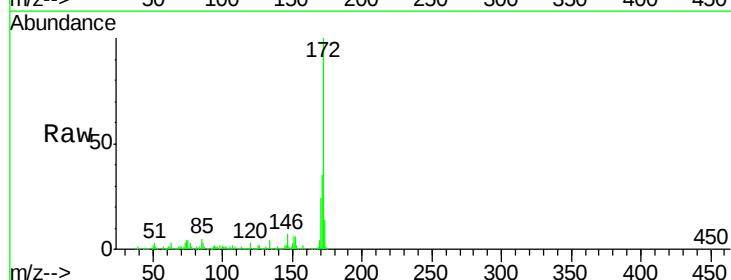


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

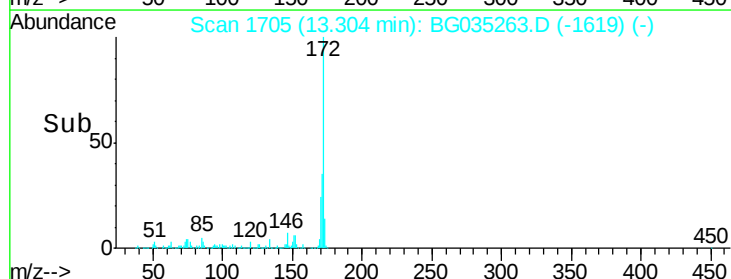
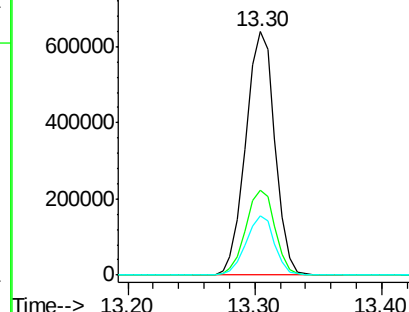


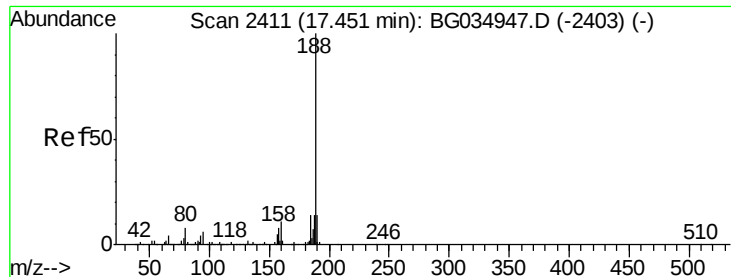
#44
 2-Fluorobiphenyl
 Concen: 109.039 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035263.D
 Acq: 20 Jun 2018 12:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.0	45.0
170	24.3	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: BG035263.D

Acq: 20 Jun 2018 12:21

Instrument :

BNA_G

ClientSampleId :

SS-T-5-STONE

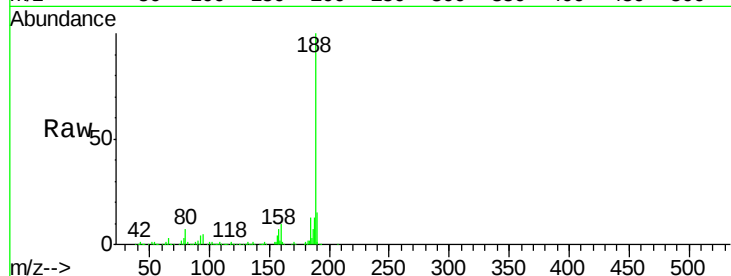
Tgt Ion:188 Resp: 355999

Ion Ratio Lower Upper

188 100

94 5.4 6.9 10.3#

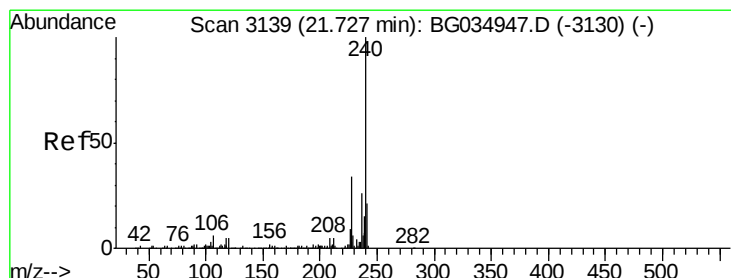
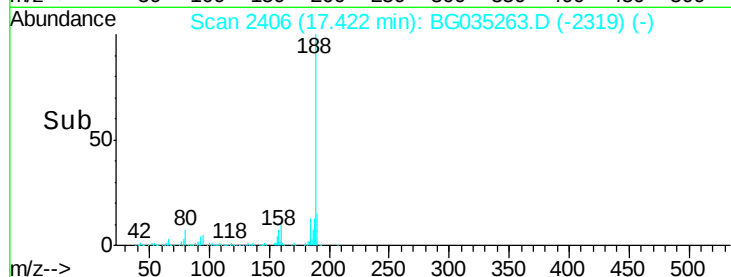
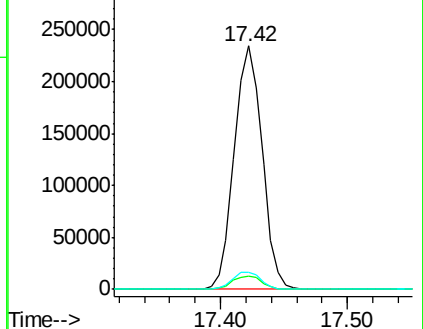
80 7.0 7.7 11.5#



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: BG035263.D

Acq: 20 Jun 2018 12:21

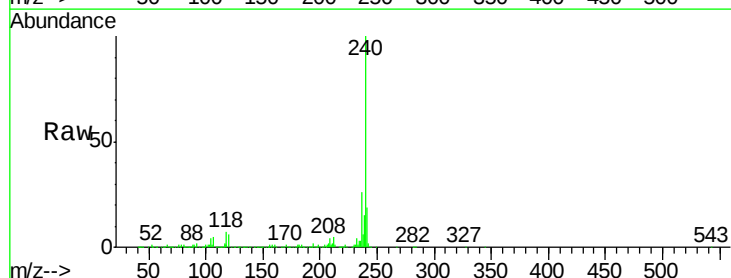
Tgt Ion:240 Resp: 425056

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

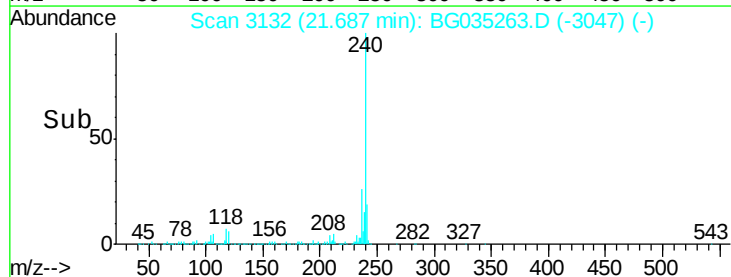
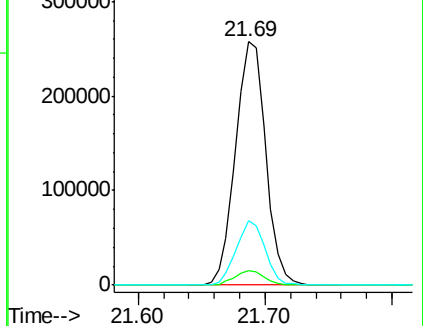
236 26.5 20.9 31.3

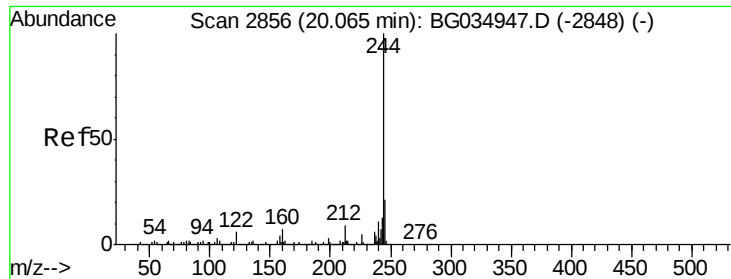


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 107.674 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035263.D

Acq: 20 Jun 2018 12:21

Instrument :

BNA_G

ClientSampleId :

SS-T-5-STONE

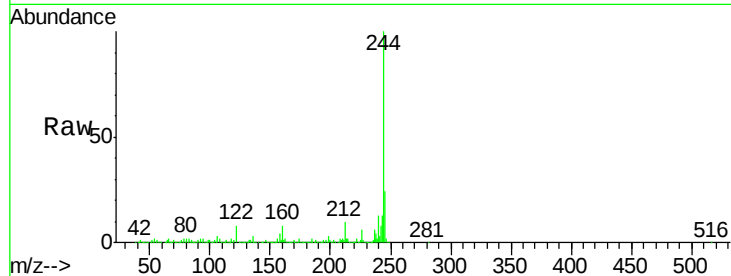
Tgt Ion:244 Resp: 2184944

Ion Ratio Lower Upper

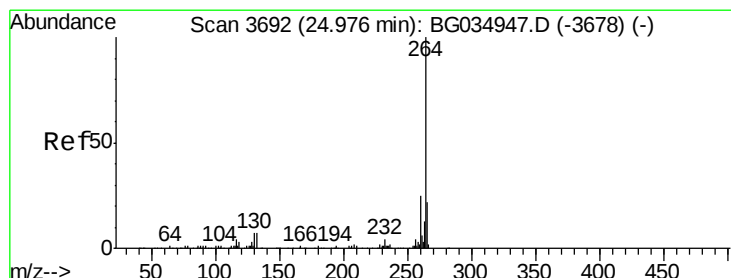
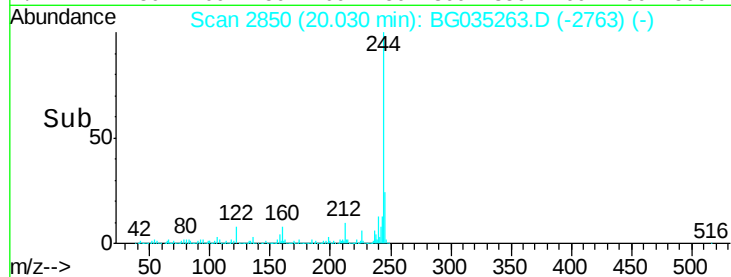
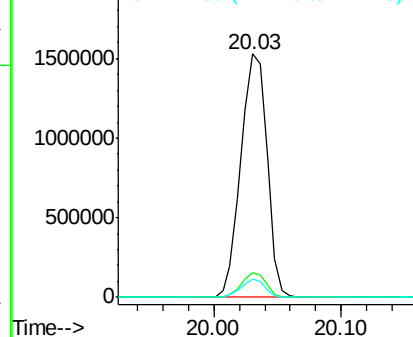
244 100

212 9.9 5.8 8.8#

122 7.6 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: BG035263.D

Acq: 20 Jun 2018 12:21

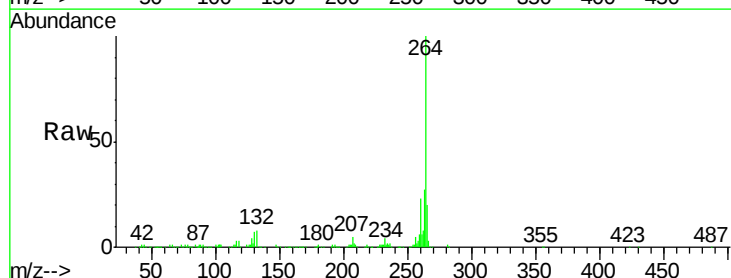
Tgt Ion:264 Resp: 283883

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 19.7 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

