

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034963.D
 Acq On : 7 Jun 2018 21:58
 Operator : SJ/JU
 Sample : J3344-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HS-YARD-1

Quant Time: Jun 08 04:56:54 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 07 13:13:20 2018
 Response via : Initial Calibration

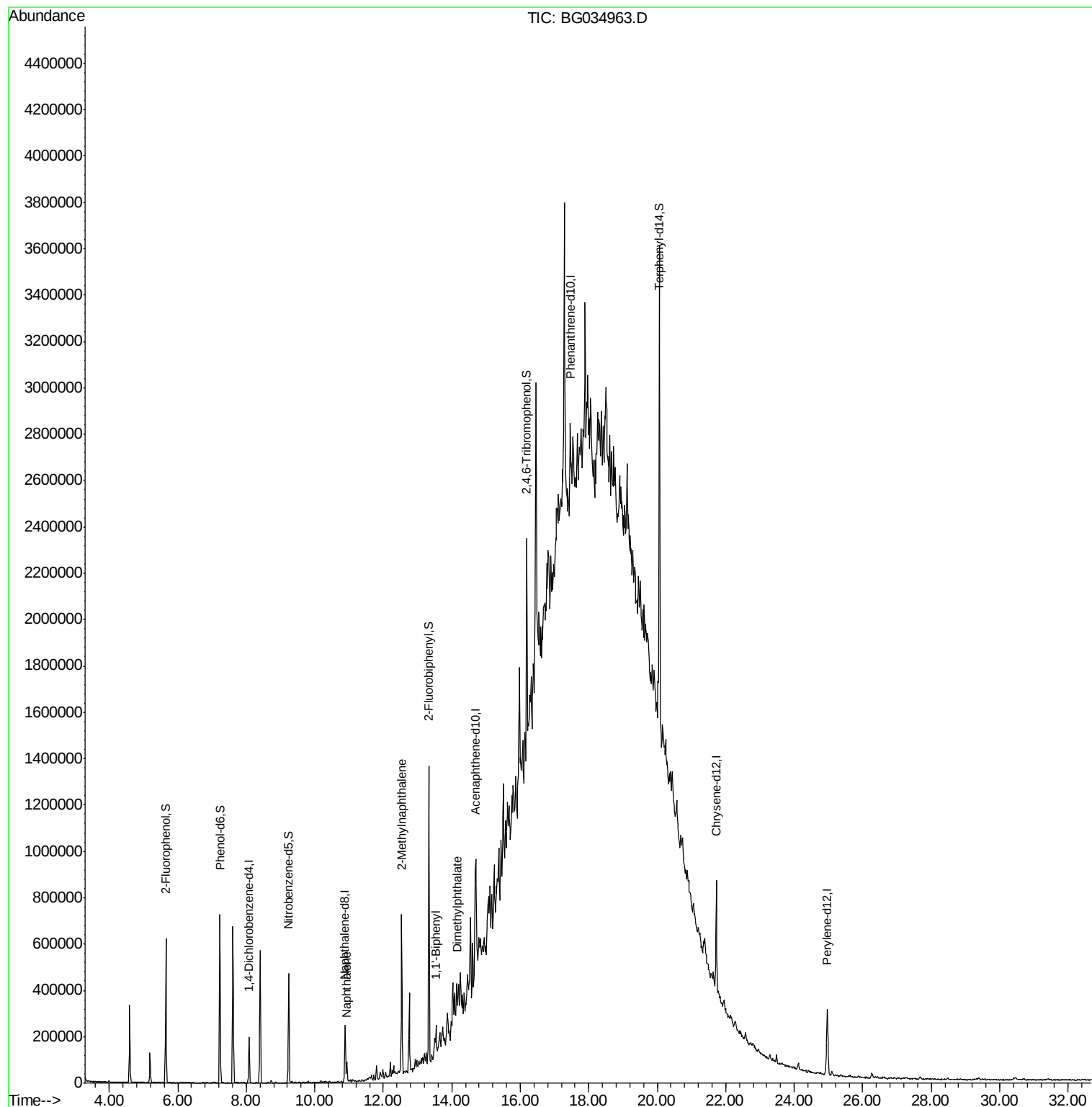
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	50532	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	204233	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	118470	20.00	ng	0.00
63) Phenanthrene-d10	17.46	188	257885	20.00	ng	0.00
75) Chrysene-d12	21.72	240	288842	20.00	ng	0.00
86) Perylene-d12	24.96	264	307906	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	255407	85.30	ng	0.00
7) Phenol-d6	7.23	99	404677	91.57	ng	0.00
23) Nitrobenzene-d5	9.24	82	285216	66.38	ng	-0.01
41) 2,4,6-Tribromophenol	16.19	330	126108	83.15	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	635634	69.75	ng	0.00
78) Terphenyl-d14	20.06	244	897670	65.10	ng	0.00
Target Compounds						
31) Naphthalene	10.94	128	66273	6.246	ng	Qvalue 97
37) 2-Methylnaphthalene	12.54	142	301551	37.488	ng	91
45) 1,1'-Biphenyl	13.54	154	21856	2.294	ng	92
49) Dimethylphthalate	14.15	163	29992	2.903	ng	# 85

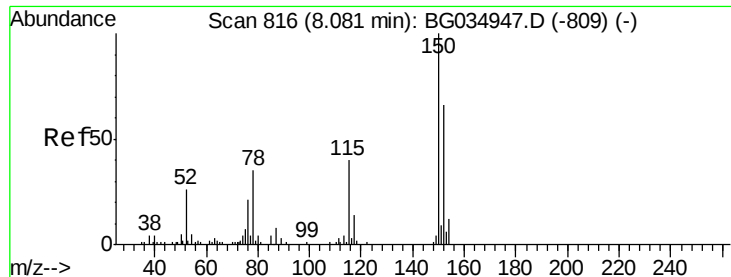
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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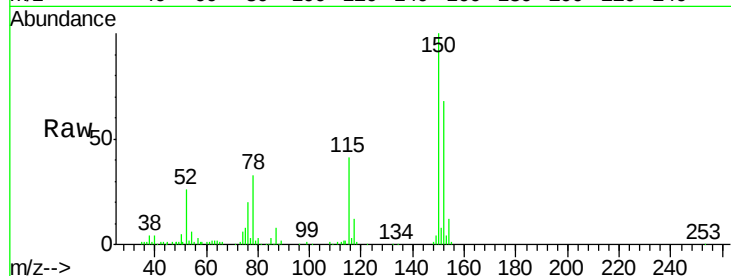


#1

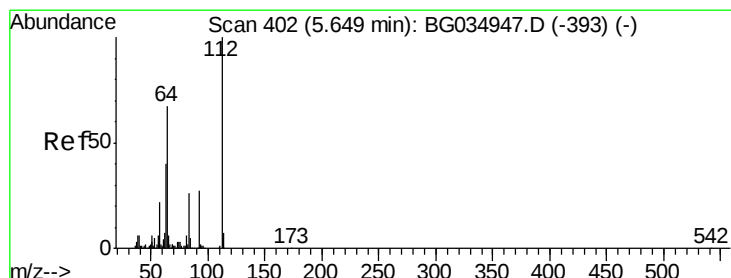
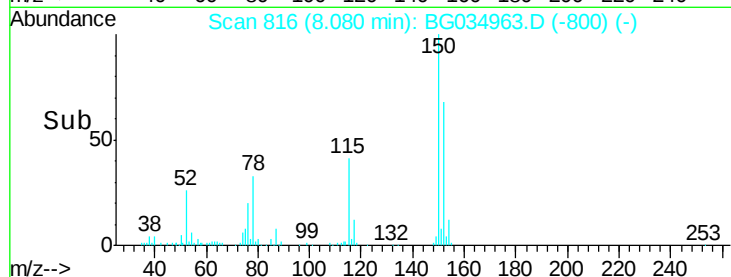
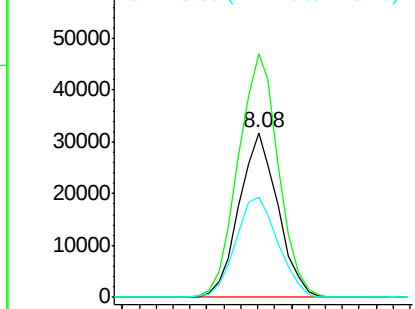
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG034963.D
Acq: 7 Jun 2018 21:58

Instrument :
BNA_G
ClientSampleId :
HS-YARD-1

Tot Ion:152 Resp: 50532
Ion Ratio Lower Upper
152 100
150 147.7 126.6 189.8
115 60.8 53.0 79.4



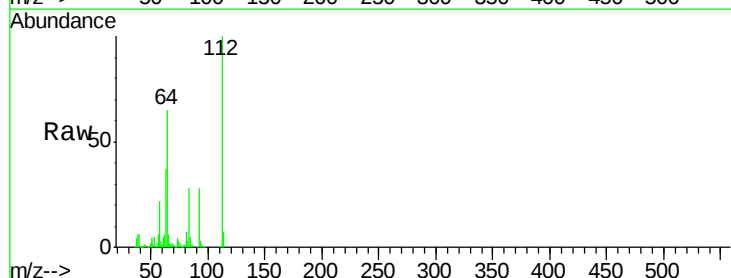
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



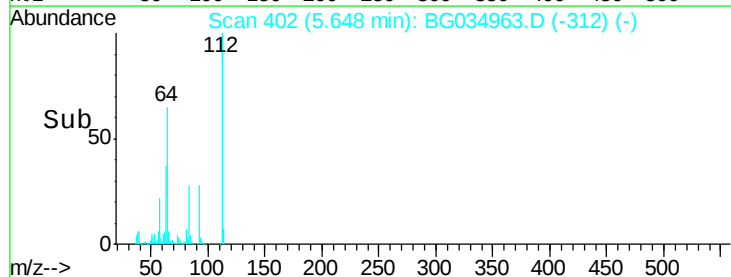
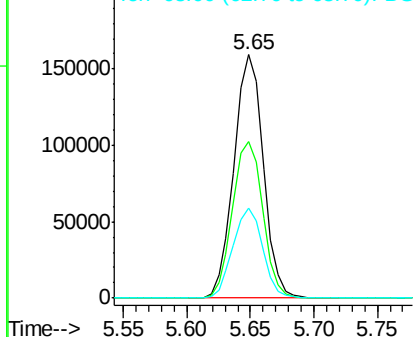
#5

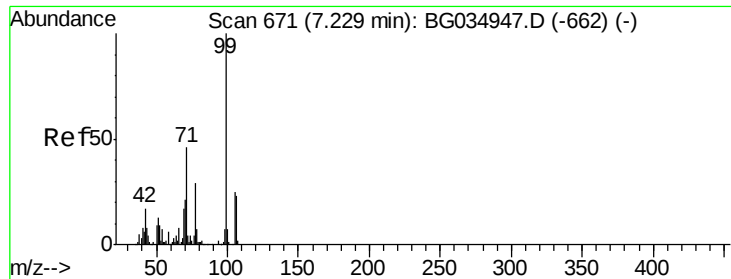
2-Fluorophenol
Concen: 85.298 ng
RT: 5.65 min Scan# 402
Delta R.T. -0.00 min
Lab File: BG034963.D
Acq: 7 Jun 2018 21:58

Tgt Ion:112 Resp: 255407
Ion Ratio Lower Upper
112 100
64 64.5 56.3 84.5
63 37.1 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: 91.568 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG034963.D

Acq: 7 Jun 2018 21:58

Instrument :

BNA_G

ClientSampleId :

HS-YARD-1

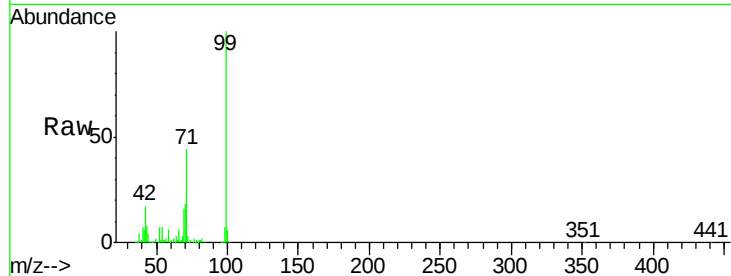
Tot Ion: 99 Resp: 404677

Ion Ratio Lower Upper

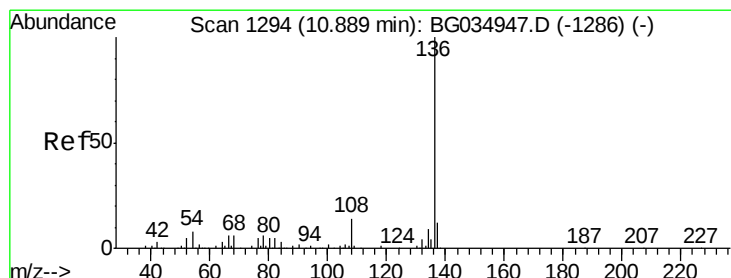
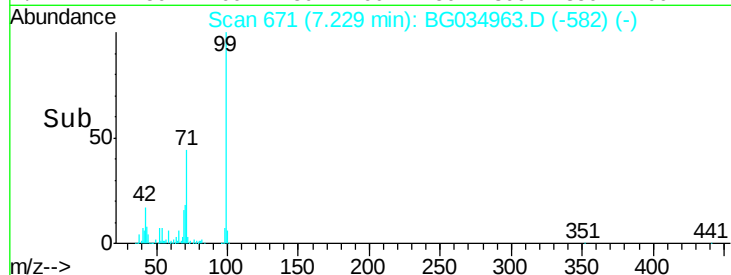
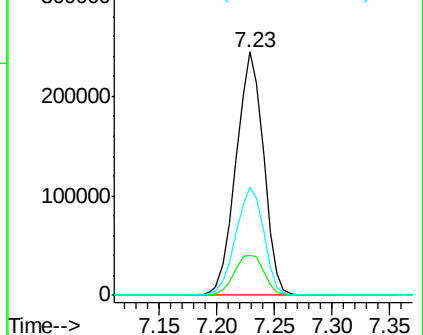
99 100

42 16.7 14.1 21.1

71 44.3 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: 10.89 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG034963.D

Acq: 7 Jun 2018 21:58

Tgt Ion: 136 Resp: 204233

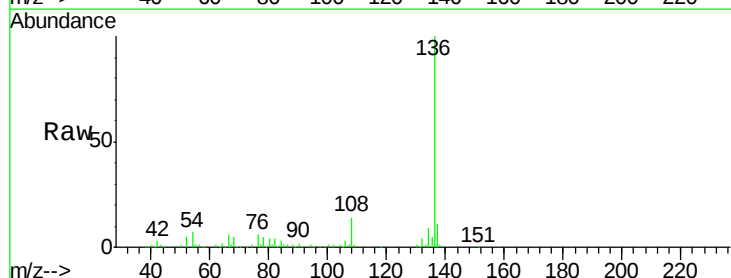
Ion Ratio Lower Upper

136 100

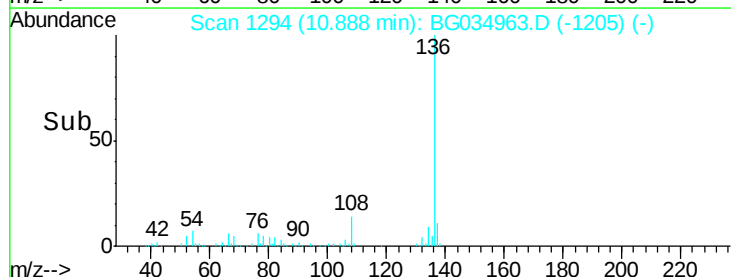
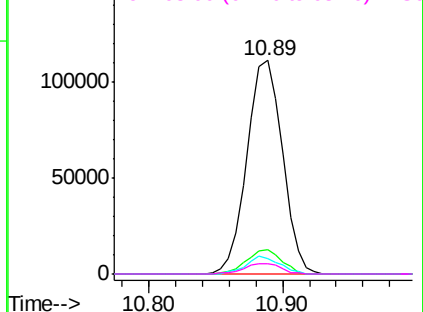
137 11.2 9.2 13.8

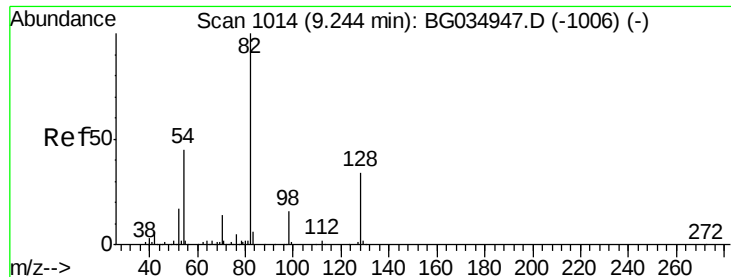
54 7.2 10.3 15.5#

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: 66.383 ng

RT: 9.24 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BG034963.D

Acq: 7 Jun 2018 21:58

Instrument :

BNA_G

ClientSampleId :

HS-YARD-1

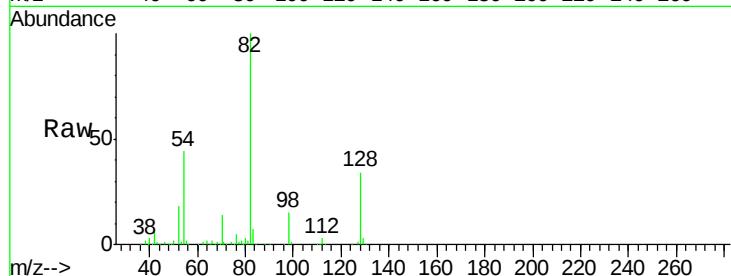
Tot Ion: 82 Resp: 285216

Ion Ratio Lower Upper

82 100

128 34.0 29.7 44.5

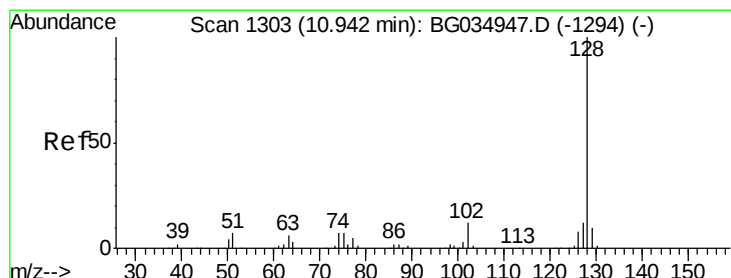
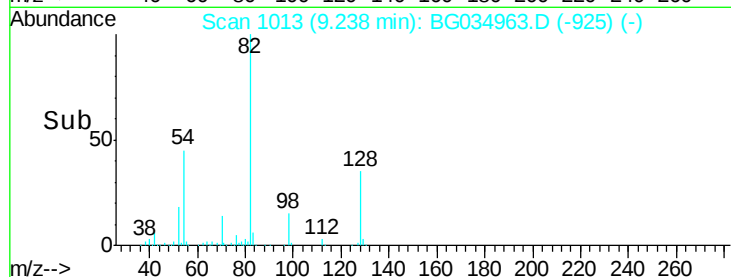
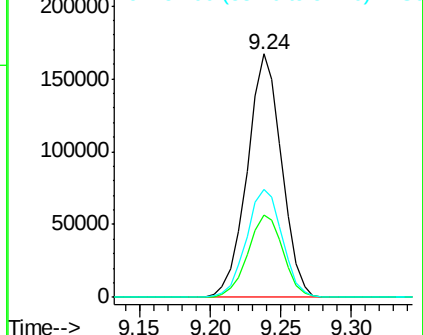
54 44.1 43.1 64.7



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



#31

Naphthalene

Concen: 6.246 ng

RT: 10.94 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BG034963.D

Acq: 7 Jun 2018 21:58

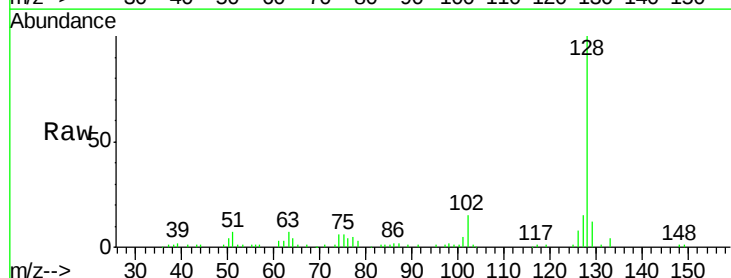
Tgt Ion: 128 Resp: 66273

Ion Ratio Lower Upper

128 100

129 12.4 8.6 12.8

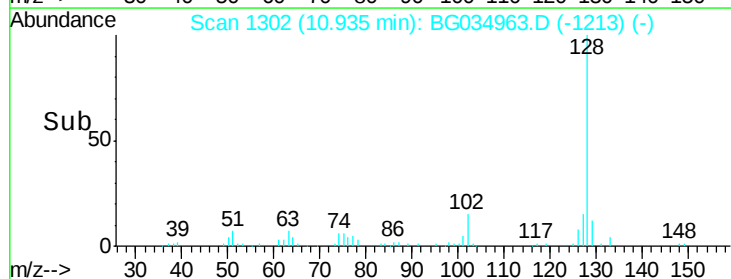
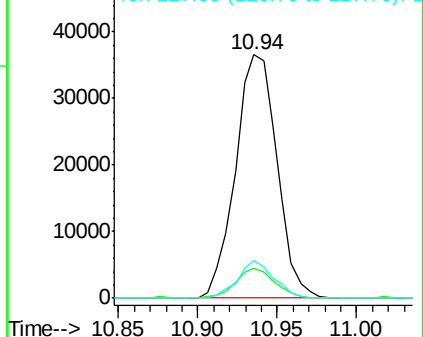
127 15.5 11.6 17.4

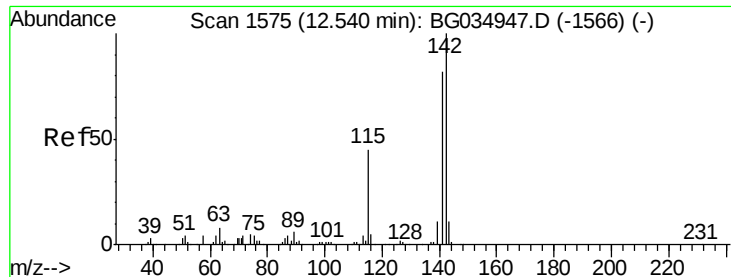


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC

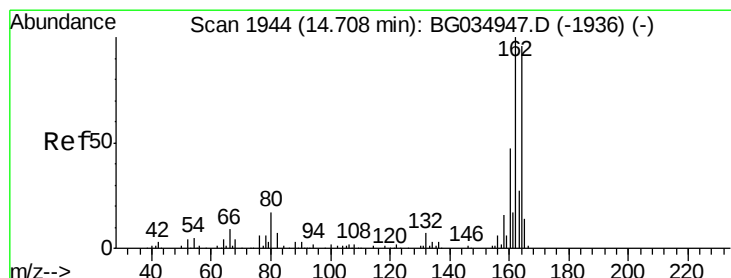
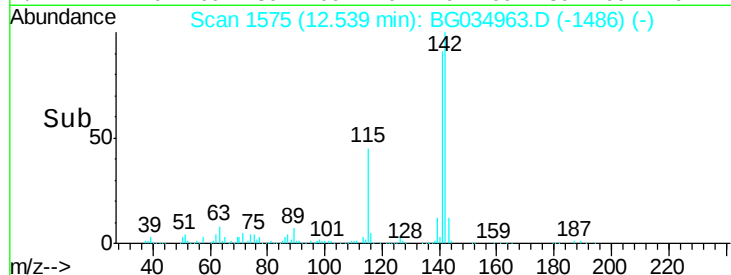
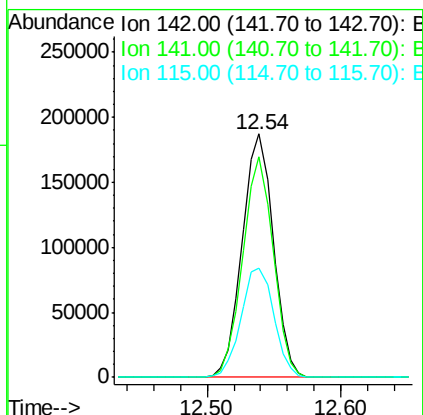
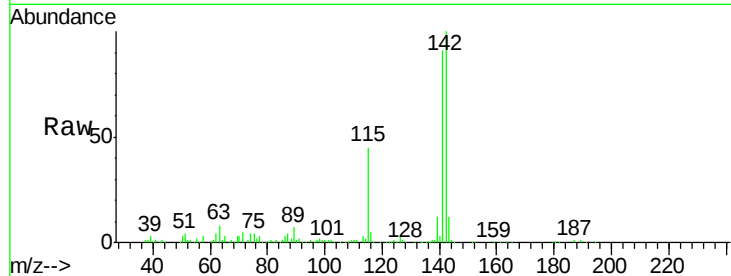




#37
2-Methylnaphthalene
Concen: 37.488 ng
RT: 12.54 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BG034963.D
Acq: 7 Jun 2018 21:58

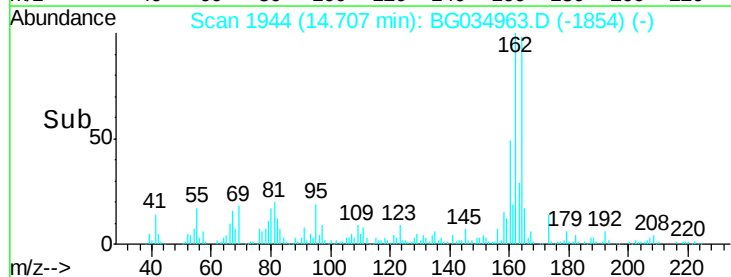
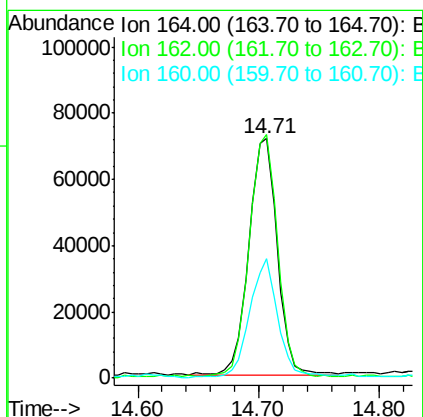
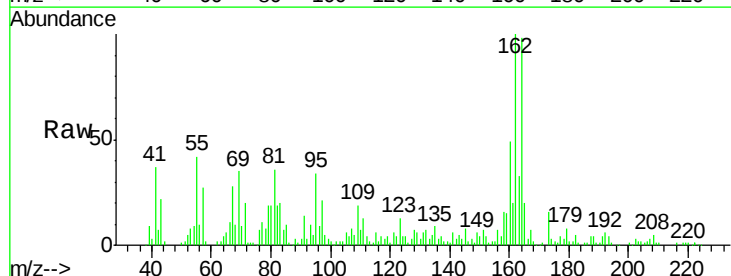
Instrument :
BNA_G
ClientSampleId :
HS-YARD-1

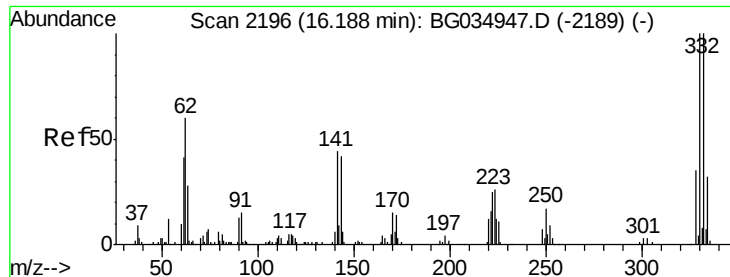
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	67.1	100.7
115	44.9	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BG034963.D
Acq: 7 Jun 2018 21:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	78.8	118.2
160	50.0	35.4	53.0

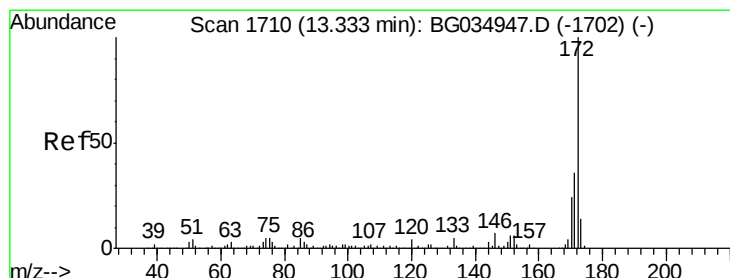
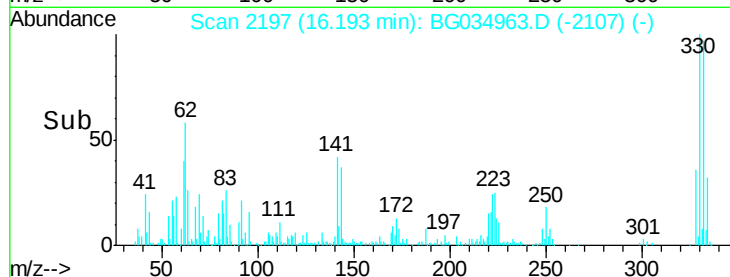
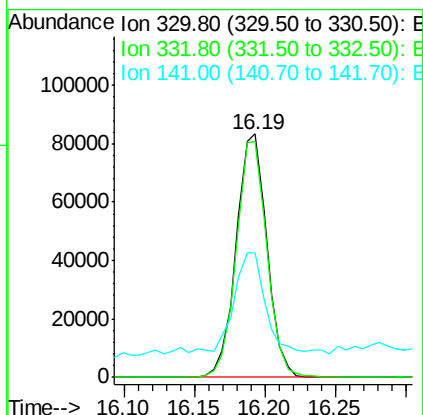
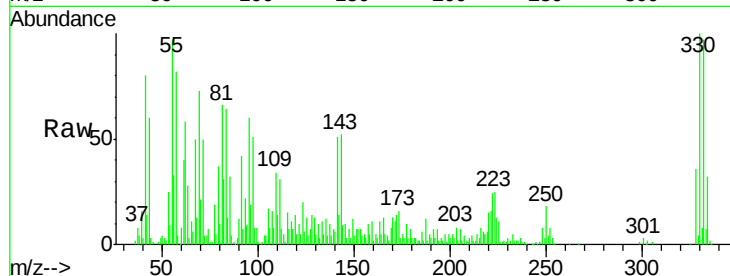




#41
 2,4,6-Tribromophenol
 Concen: 83.154 ng
 RT: 16.19 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: BG034963.D
 Acq: 7 Jun 2018 21:58

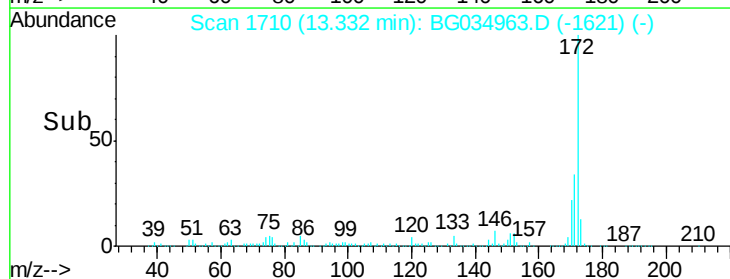
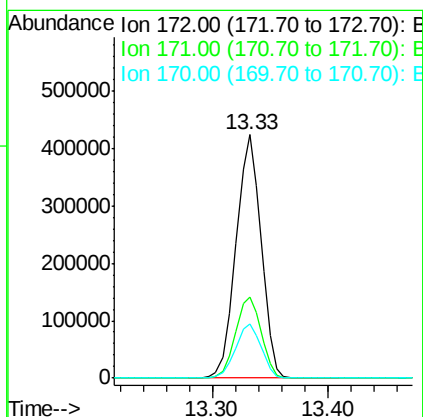
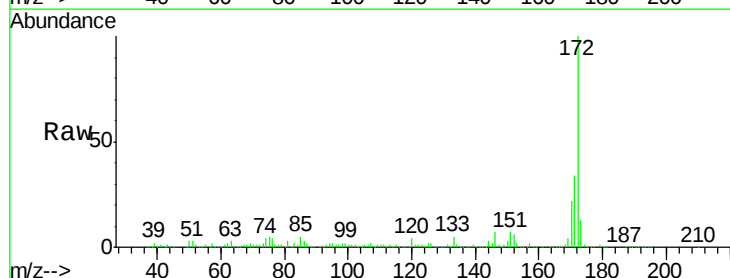
Instrument :
 BNA_G
 ClientSampleId :
 HS-YARD-1

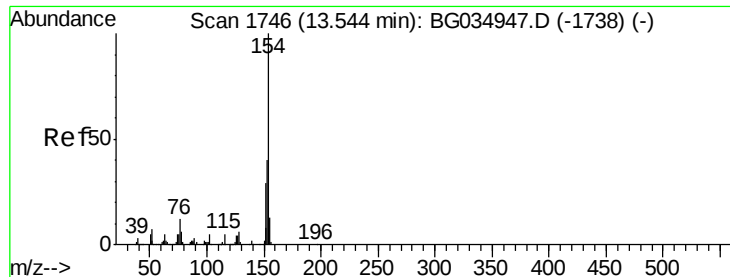
Tot Ion:330 Resp: 126108
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 40.5 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 69.749 ng
 RT: 13.33 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG034963.D
 Acq: 7 Jun 2018 21:58

Tgt Ion:172 Resp: 635634
 Ion Ratio Lower Upper
 172 100
 171 33.5 30.0 45.0
 170 22.5 19.5 29.3





#45

1,1'-Biphenyl

Concen: 2.294 ng

RT: 13.54 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BG034963.D

Acq: 7 Jun 2018 21:58

Instrument :

BNA_G

ClientSampleId :

HS-YARD-1

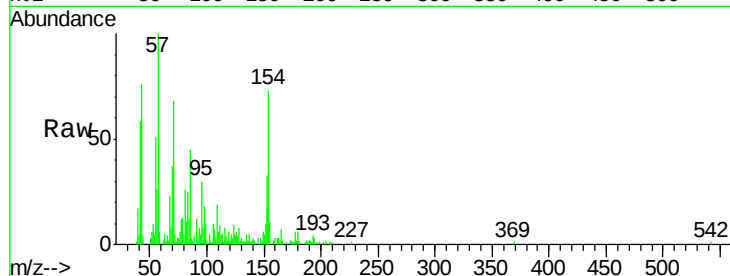
Tot Ion:154 Resp: 21856

Ion Ratio Lower Upper

154 100

153 44.7 19.8 59.8

76 8.6 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC

20000

15000

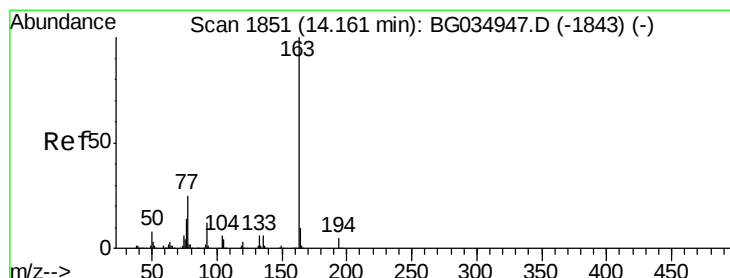
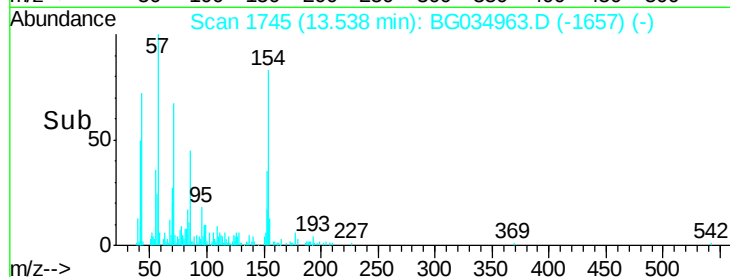
10000

5000

0

13.50 13.55 13.60

Time-->



#49

Dimethylphthalate

Concen: 2.903 ng

RT: 14.15 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BG034963.D

Acq: 7 Jun 2018 21:58

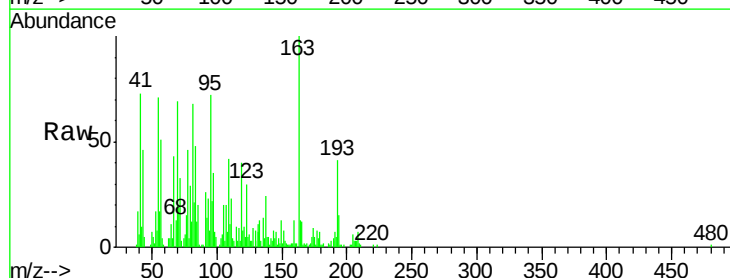
Tgt Ion:163 Resp: 29992

Ion Ratio Lower Upper

163 100

194 14.9 3.4 5.2#

164 13.1 8.2 12.4#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

25000

20000

15000

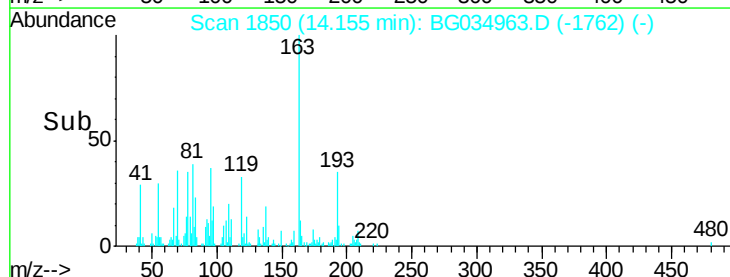
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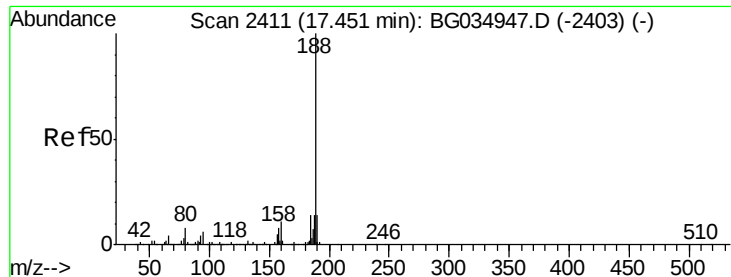
5000

0

14.10 14.15 14.20

Time-->





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2412

Delta R.T. 0.01 min

Lab File: BG034963.D

Acq: 7 Jun 2018 21:58

Instrument :

BNA_G

ClientSampleId :

HS-YARD-1

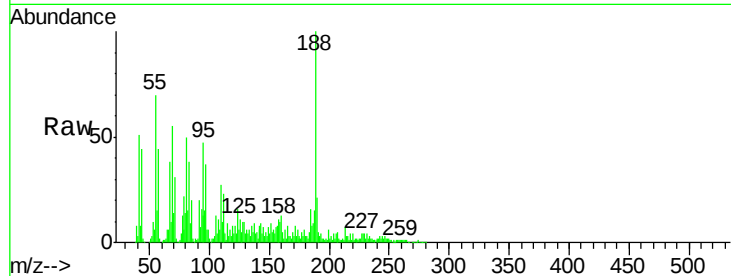
Tot Ion:188 Resp: 257885

Ion Ratio Lower Upper

188 100

94 12.7 6.9 10.3#

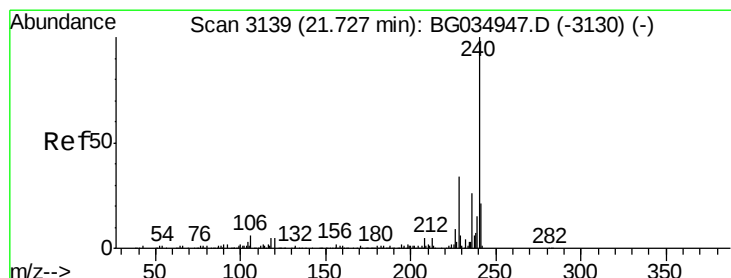
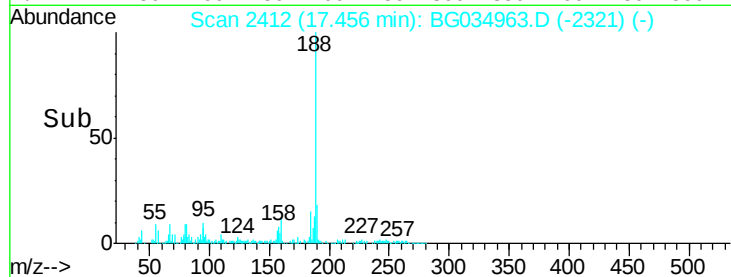
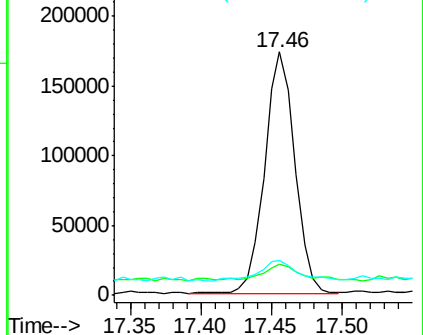
80 14.3 7.7 11.5#



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: 21.72 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG034963.D

Acq: 7 Jun 2018 21:58

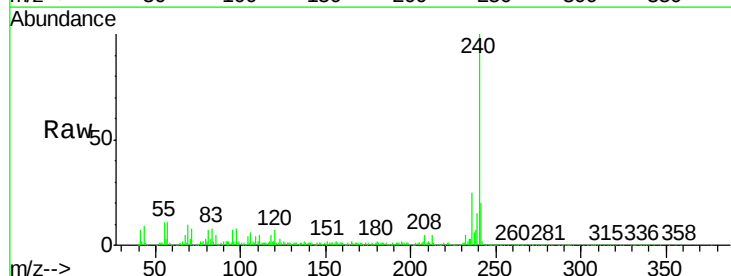
Tgt Ion:240 Resp: 288842

Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

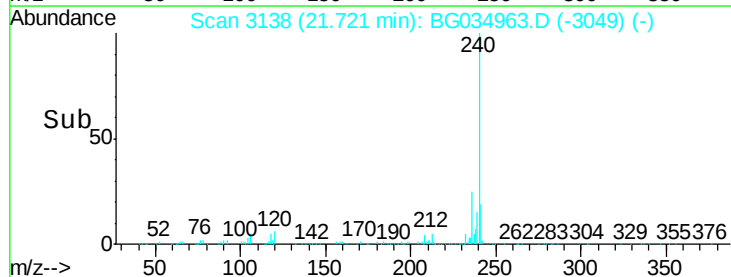
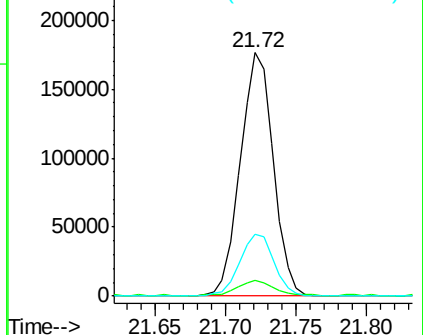
236 25.4 20.9 31.3

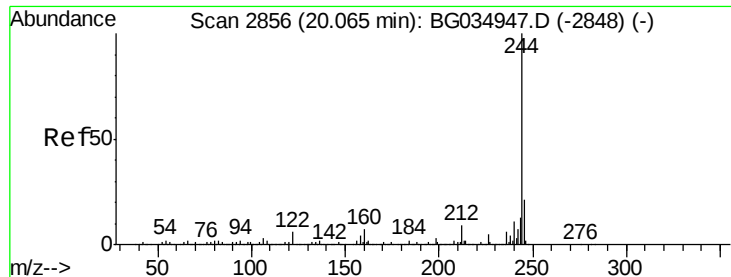


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 65.099 ng

RT: 20.06 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG034963.D

Acq: 7 Jun 2018 21:58

Instrument :

BNA_G

ClientSampleId :

HS-YARD-1

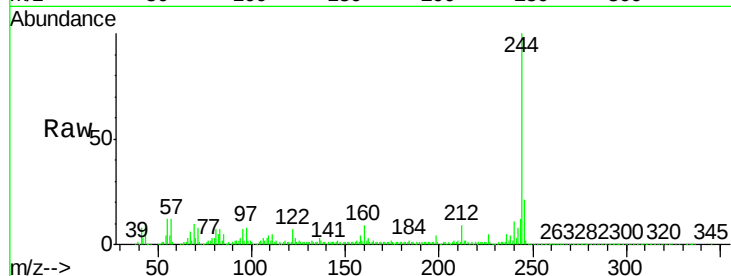
Tot Ion:244 Resp: 897670

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

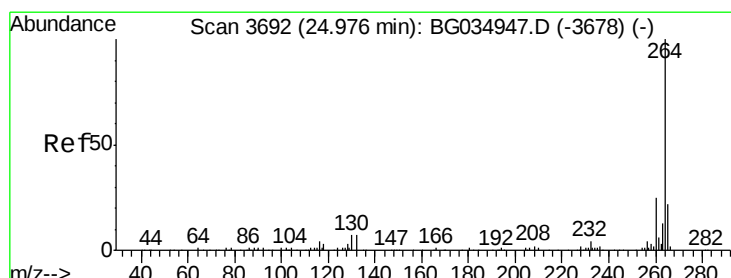
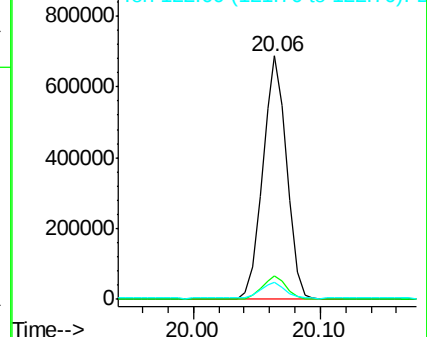
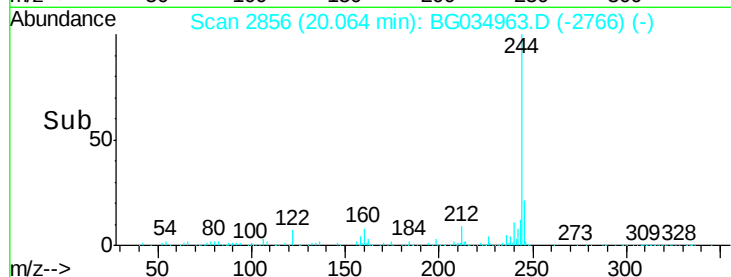
122 7.1 7.0 10.4



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: 24.96 min Scan# 3690

Delta R.T. -0.02 min

Lab File: BG034963.D

Acq: 7 Jun 2018 21:58

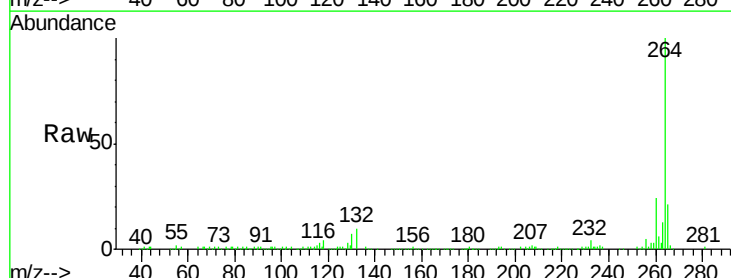
Tgt Ion:264 Resp: 307906

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 20.7 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

