

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034959.D
 Acq On : 7 Jun 2018 19:23
 Operator : SJ/JU
 Sample : J3241-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060518-B

Quant Time: Jun 08 04:51:39 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	41272	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	149176	20.00	ng	-0.01
38) Acenaphthene-d10	14.70	164	106973	20.00	ng	0.00
63) Phenanthrene-d10	17.45	188	295487	20.00	ng	0.00
75) Chrysene-d12	21.72	240	325710	20.00	ng	-0.01
86) Perylene-d12	24.96	264	315142	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	302147	123.55	ng	0.00
7) Phenol-d6	7.23	99	408406	113.15	ng	0.00
23) Nitrobenzene-d5	9.24	82	313406	99.87	ng	-0.01
41) 2,4,6-Tribromophenol	16.19	330	214143	156.38	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	683211	83.03	ng	0.00
78) Terphenyl-d14	20.06	244	1416223	91.08	ng	0.00

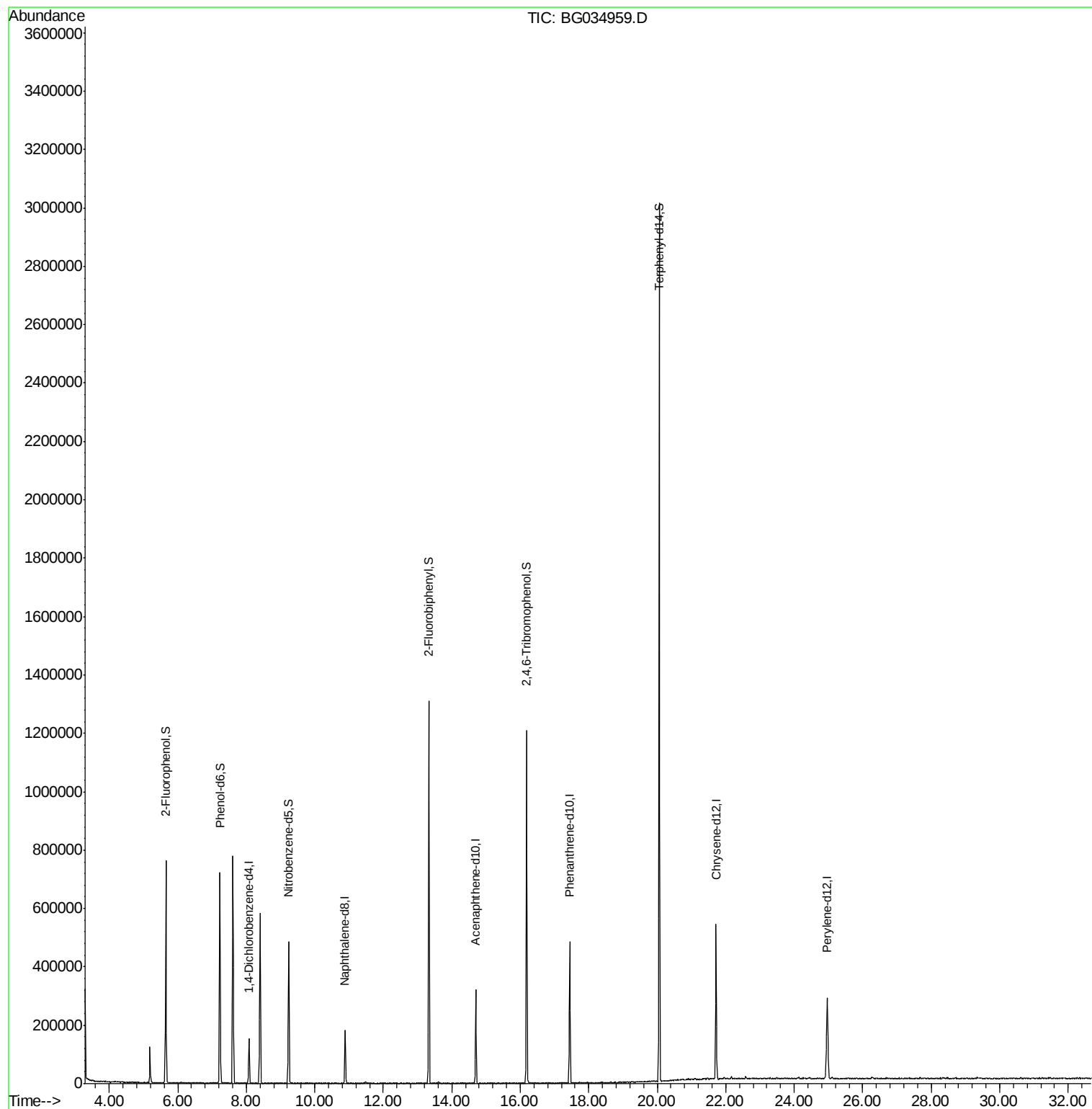
Target Compounds Qvalue

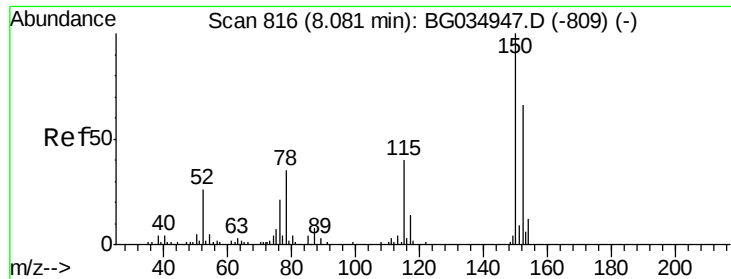
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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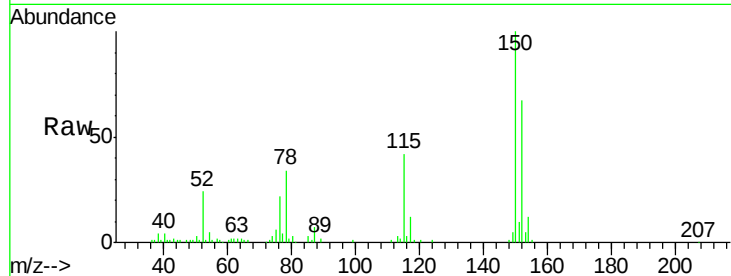


#1

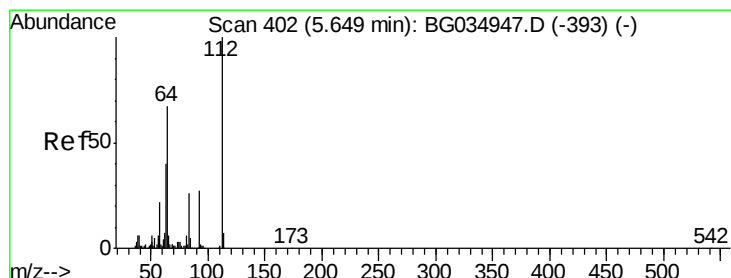
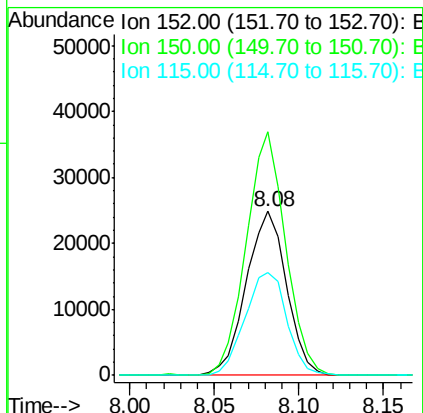
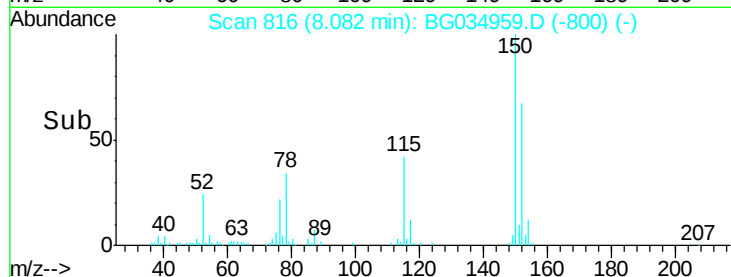
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG034959.D
Acq: 7 Jun 2018 19:23

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	126.6	189.8
115	62.7	53.0	79.4



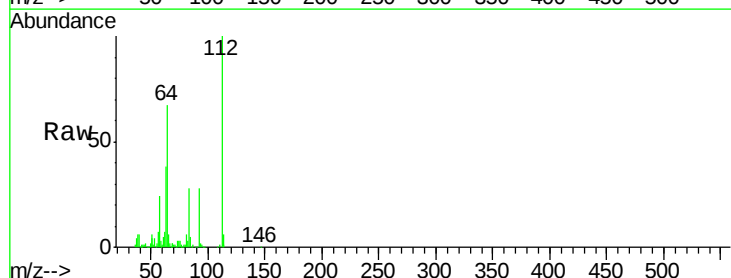
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



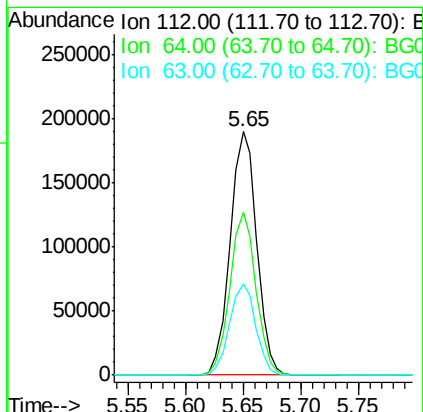
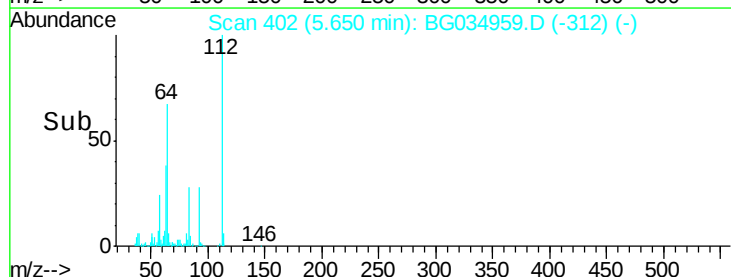
#5

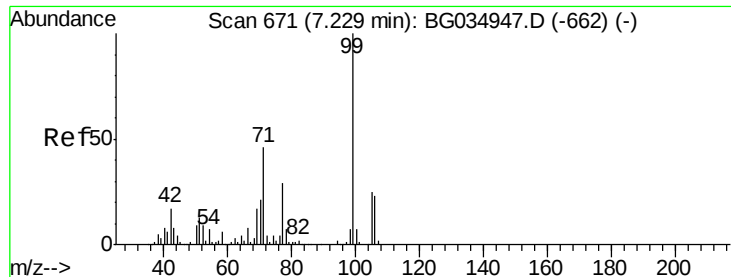
2-Fluorophenol
Concen: 123.548 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG034959.D
Acq: 7 Jun 2018 19:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.9	56.3	84.5
63	37.6	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: 113.146 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG034959.D

Acq: 7 Jun 2018 19:23

Instrument :

BNA_G

ClientSampleId :

HR-06-060518-B

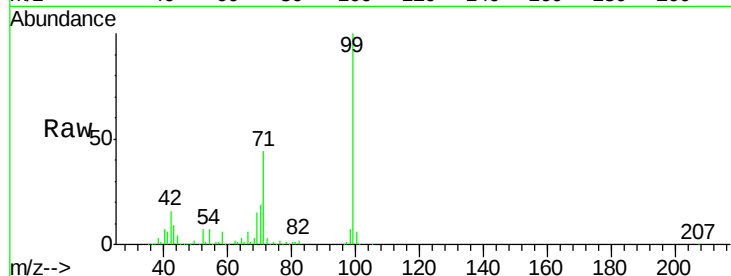
Tot Ion: 99 Resp: 408406

Ion Ratio Lower Upper

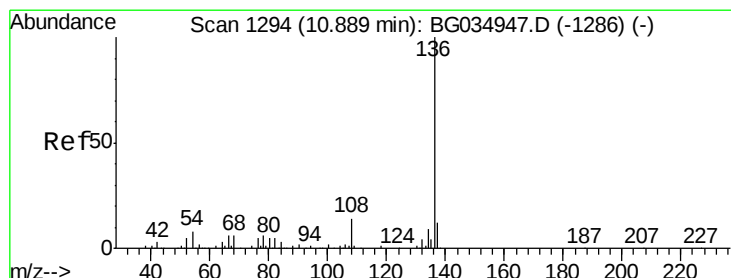
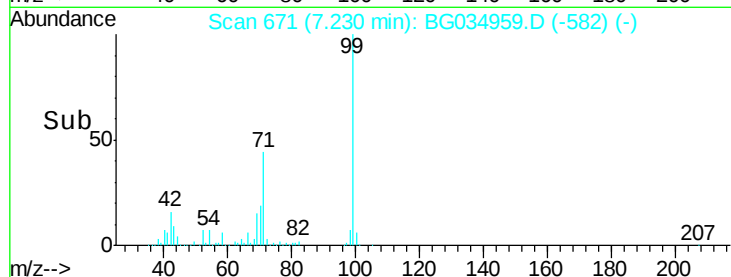
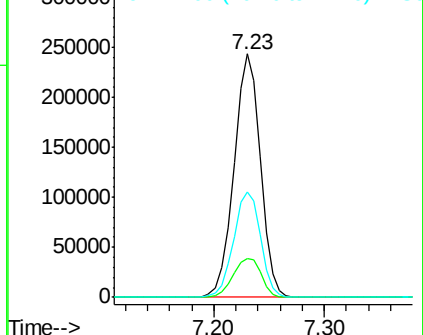
99 100

42 16.1 14.1 21.1

71 43.5 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: 10.88 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034959.D

Acq: 7 Jun 2018 19:23

Tgt Ion: 136 Resp: 149176

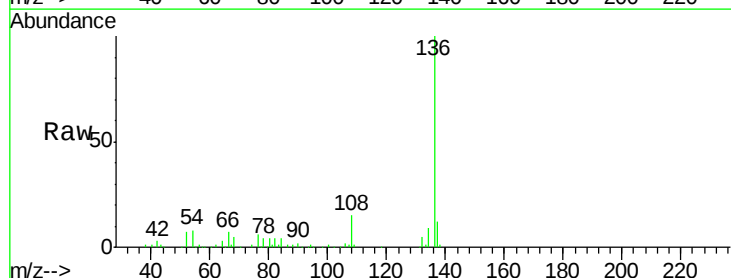
Ion Ratio Lower Upper

136 100

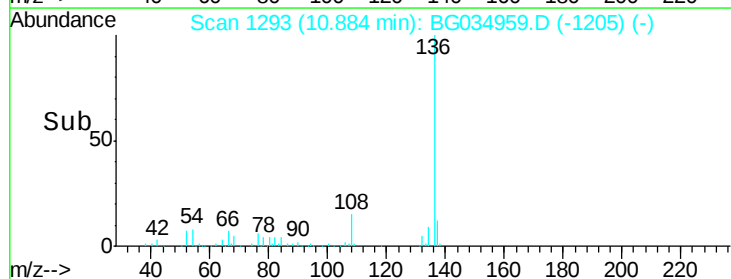
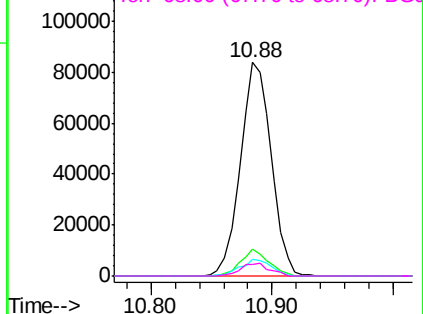
137 12.4 9.2 13.8

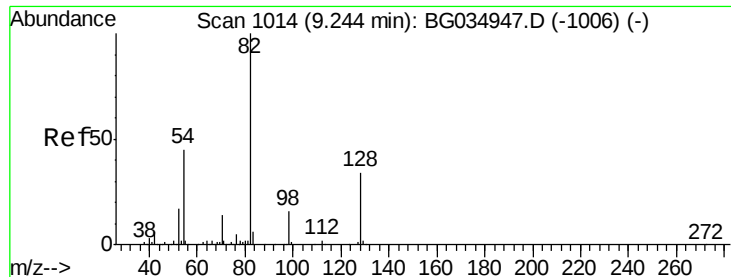
54 7.5 10.3 15.5#

68 5.4 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: 99.866 ng

RT: 9.24 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BG034959.D

Acq: 7 Jun 2018 19:23

Instrument :

BNA_G

ClientSampleId :

HR-06-060518-B

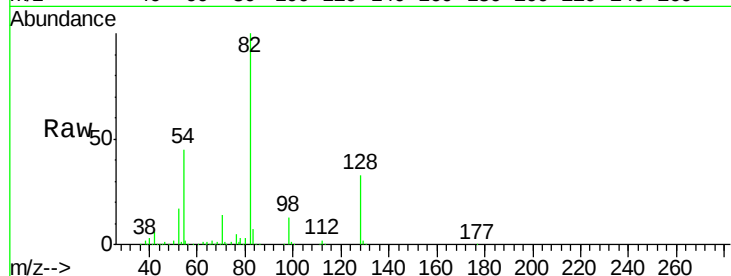
Tot Ion: 82 Resp: 313406

Ion Ratio Lower Upper

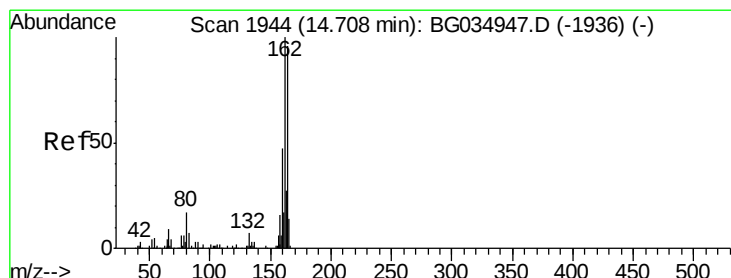
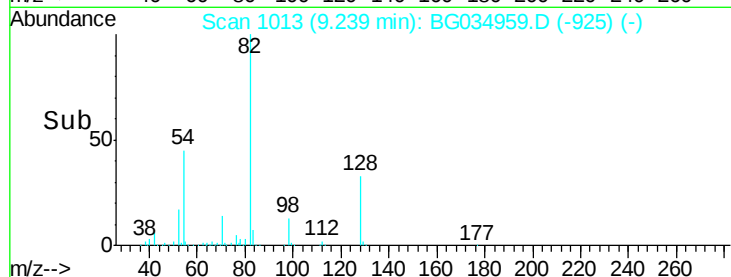
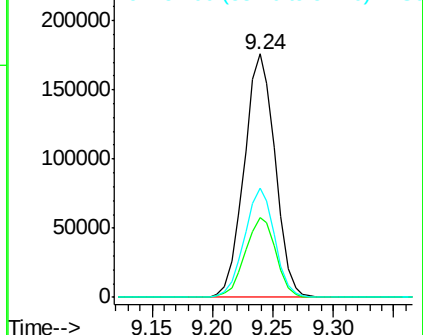
82 100

128 32.6 29.7 44.5

54 44.9 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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG034959.D

Acq: 7 Jun 2018 19:23

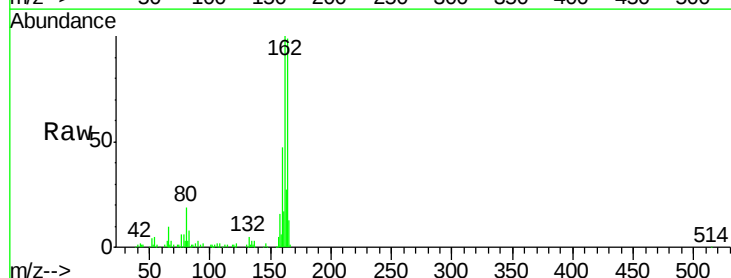
Tgt Ion:164 Resp: 106973

Ion Ratio Lower Upper

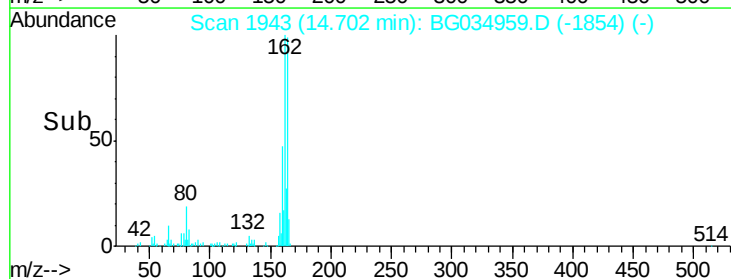
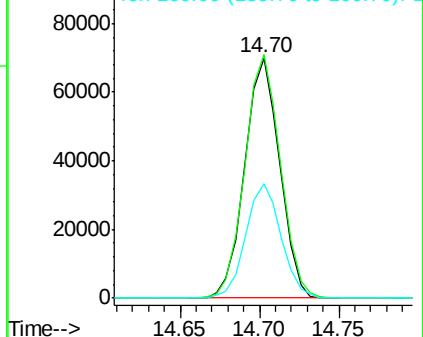
164 100

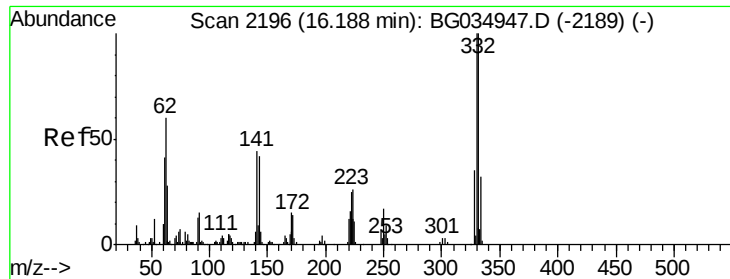
162 101.3 78.8 118.2

160 47.4 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

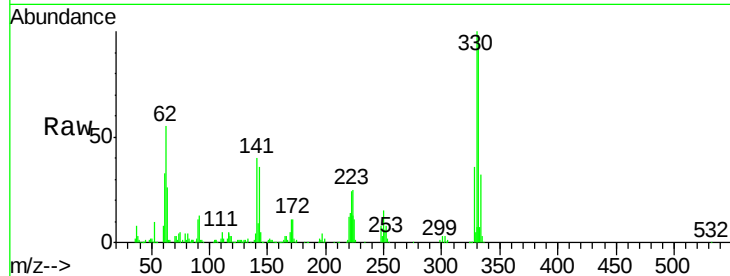




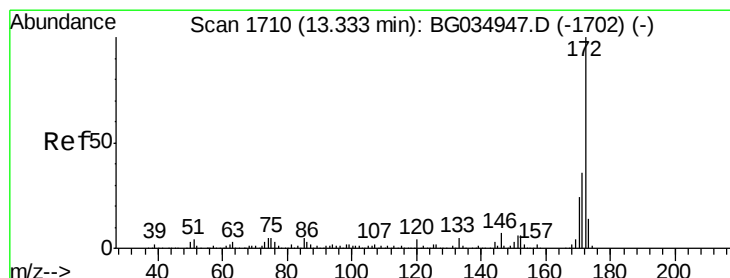
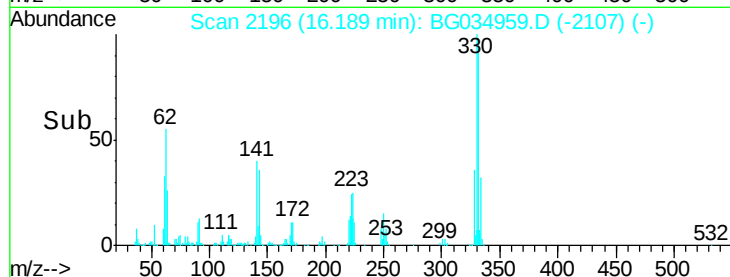
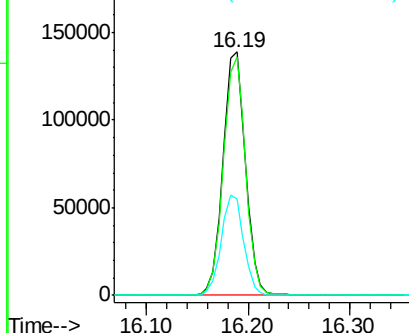
#41
 2,4,6-Tribromophenol
 Concen: 156.378 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BG034959.D
 Acq: 7 Jun 2018 19:23

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060518-B

Tot Ion:330 Resp: 214143
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 40.8 25.2 37.8#

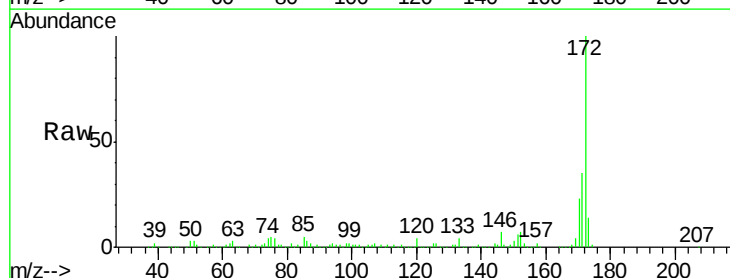


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

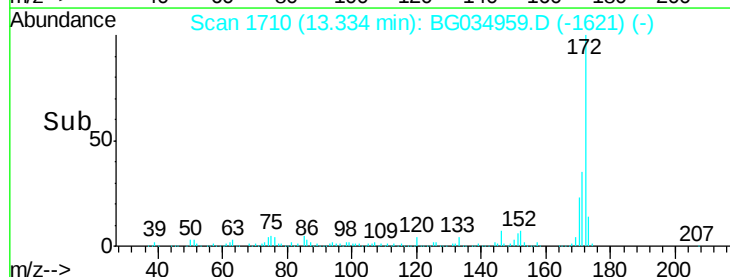
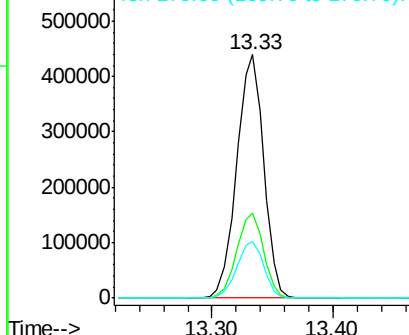


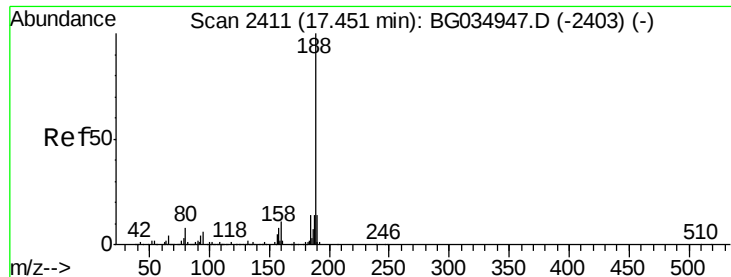
#44
 2-Fluorobiphenyl
 Concen: 83.028 ng
 RT: 13.33 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG034959.D
 Acq: 7 Jun 2018 19:23

Tgt Ion:172 Resp: 683211
 Ion Ratio Lower Upper
 172 100
 171 34.8 30.0 45.0
 170 23.5 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: 17.45 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BG034959.D

Acq: 7 Jun 2018 19:23

Instrument :

BNA_G

ClientSampleId :

HR-06-060518-B

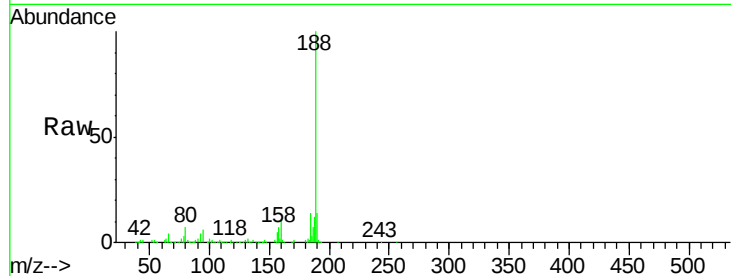
Tot Ion:188 Resp: 295487

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

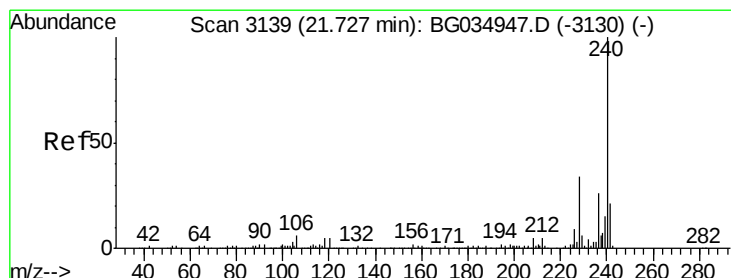
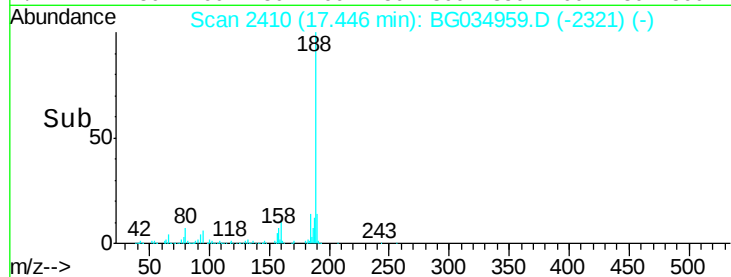
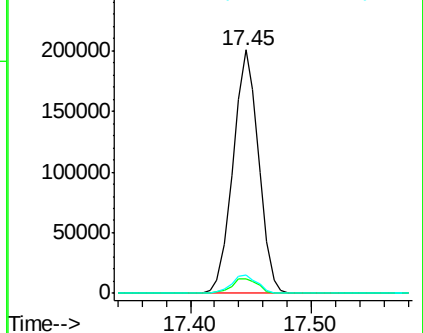
80 7.3 7.7 11.5#



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# 3137

Delta R.T. -0.01 min

Lab File: BG034959.D

Acq: 7 Jun 2018 19:23

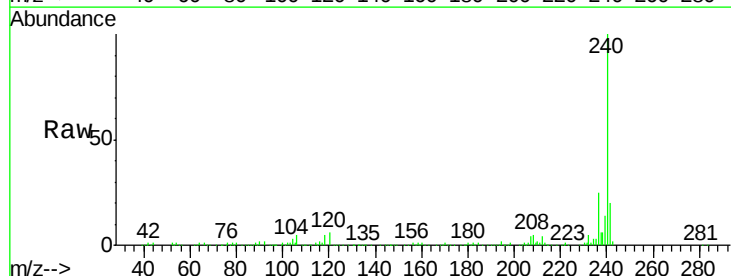
Tgt Ion:240 Resp: 325710

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

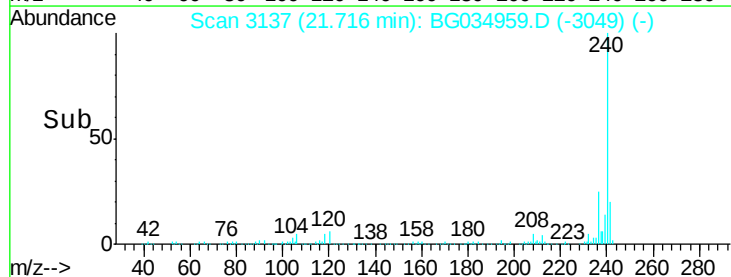
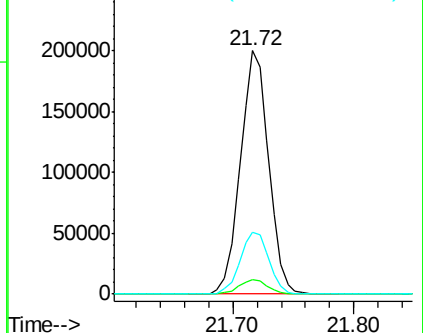
236 25.2 20.9 31.3

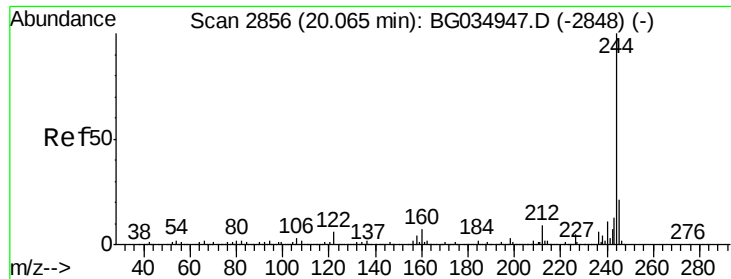


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.079 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG034959.D

Acq: 7 Jun 2018 19:23

Instrument :

BNA_G

ClientSampleId :

HR-06-060518-B

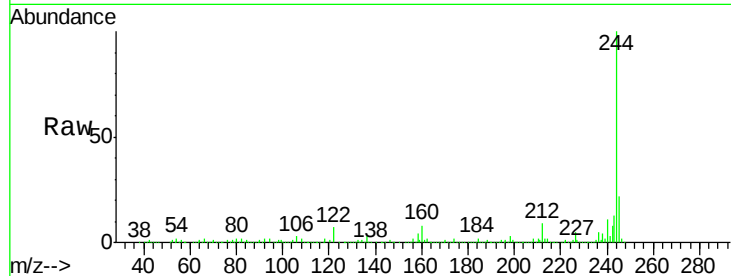
Tot Ion:244 Resp: 1416223

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

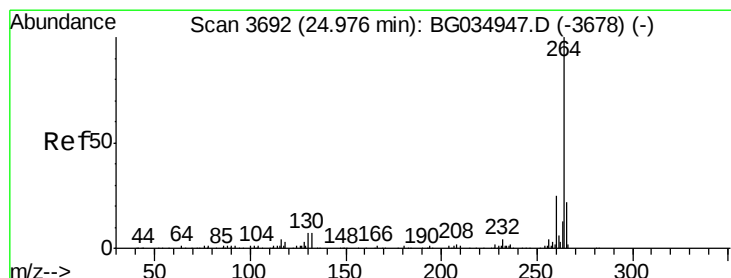
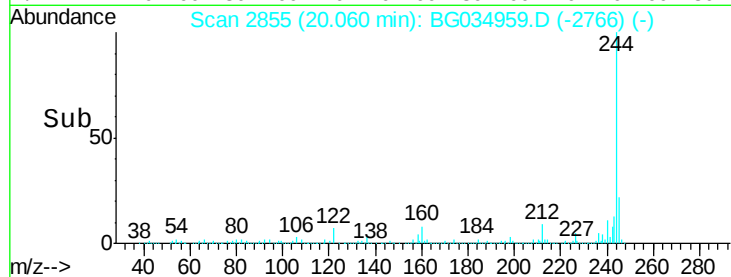
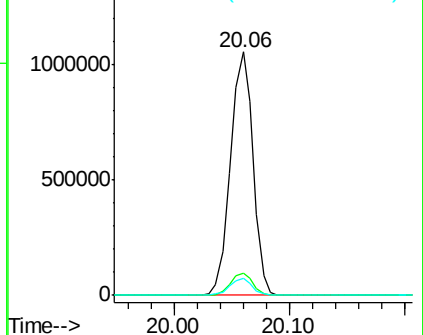
122 6.9 7.0 10.4#



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: BG034959.D

Acq: 7 Jun 2018 19:23

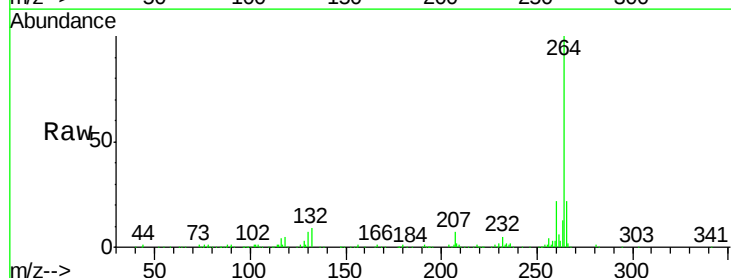
Tgt Ion:264 Resp: 315142

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

265 21.8 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

