

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
 Data File : BG033147.D
 Acq On : 14 Mar 2018 15:15
 Operator : SJ/JU
 Sample : J1885-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-3867

Quant Time: Mar 14 17:47:20 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	37302	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	163956	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	94387	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	243343	20.00	ng	0.00
75) Chrysene-d12	22.60	240	234284	20.00	ng	0.00
86) Perylene-d12	26.40	264	242329	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	326724	140.13	ng	0.00
7) Phenol-d6	8.01	99	402484	123.84	ng	0.00
23) Nitrobenzene-d5	10.10	82	291920	119.06	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	223292	224.99	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	643088	98.27	ng	0.00
78) Terphenyl-d14	20.77	244	1173756	112.56	ng	0.00

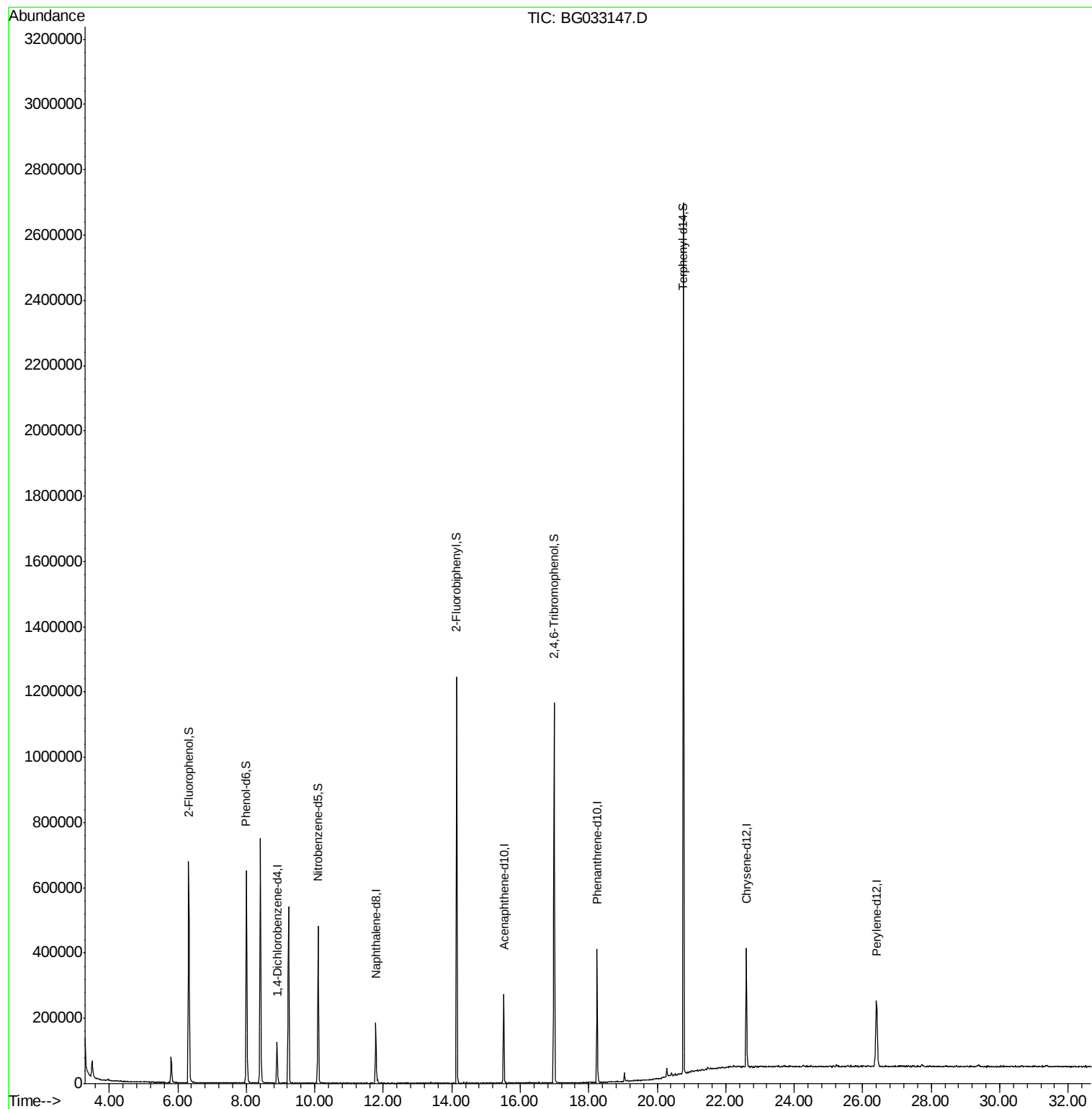
Target Compounds Qvalue

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

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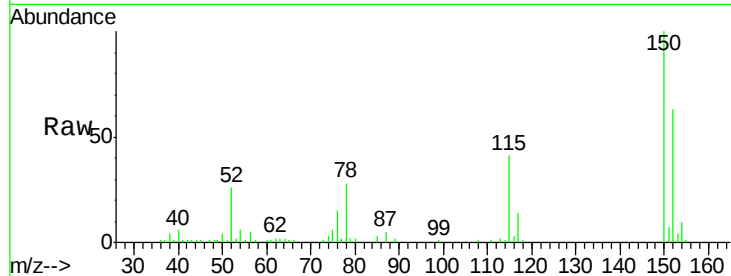


#1

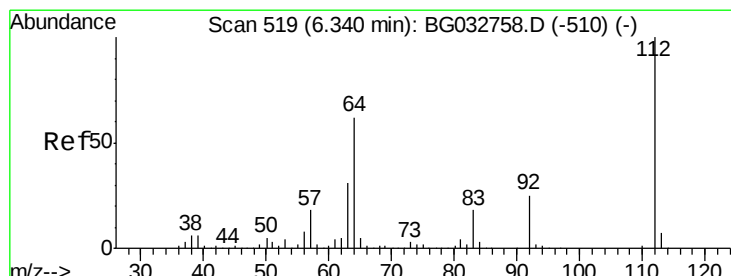
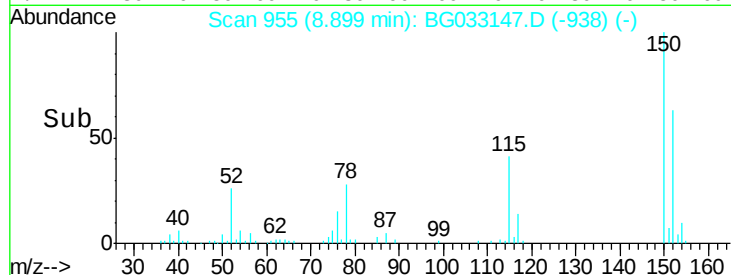
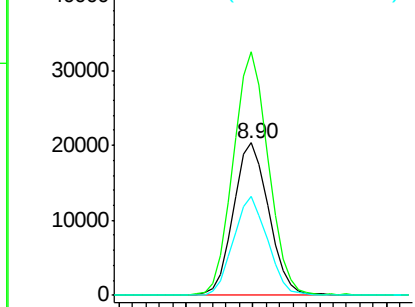
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033147.D
Acq: 14 Mar 2018 15:15

Instrument :
BNA_G
ClientSampleId :
RT-3867

Tot Ion:152 Resp: 37302
Ion Ratio Lower Upper
152 100
150 159.8 126.6 189.8
115 65.1 53.0 79.4



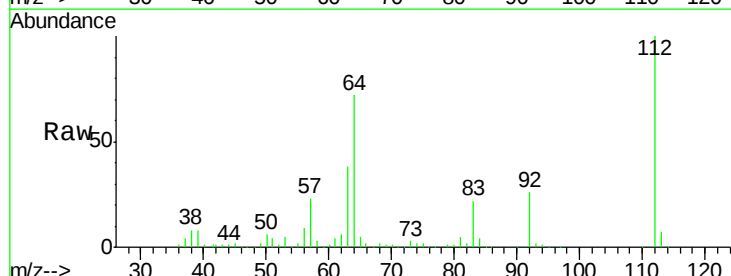
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



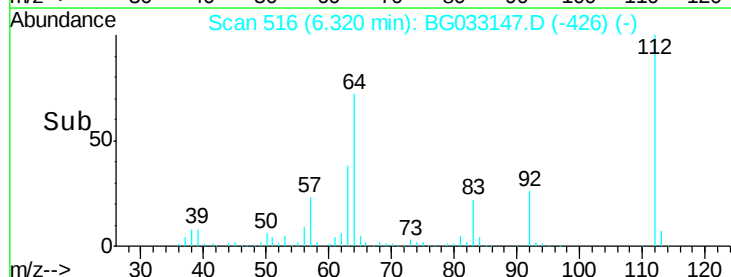
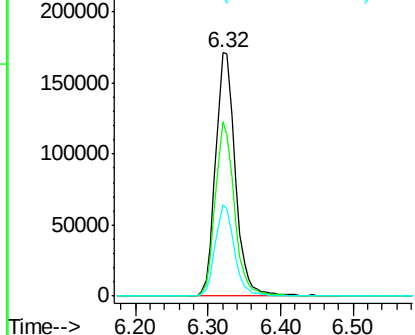
#5

2-Fluorophenol
Concen: 140.129 ng
RT: 6.32 min Scan# 516
Delta R.T. 0.00 min
Lab File: BG033147.D
Acq: 14 Mar 2018 15:15

Tgt Ion:112 Resp: 326724
Ion Ratio Lower Upper
112 100
64 71.7 56.3 84.5
63 37.5 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: 123.845 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033147.D

Acq: 14 Mar 2018 15:15

Instrument :

BNA_G

ClientSampled :

RT-3867

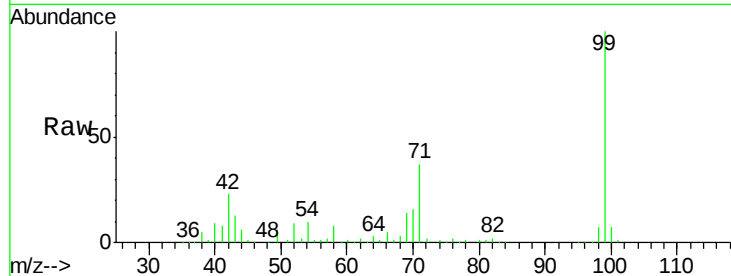
Tot Ion: 99 Resp: 402484

Ion Ratio Lower Upper

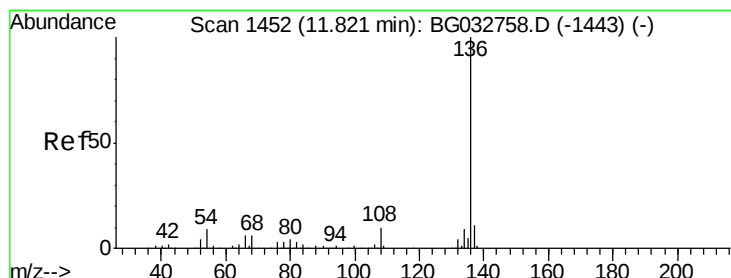
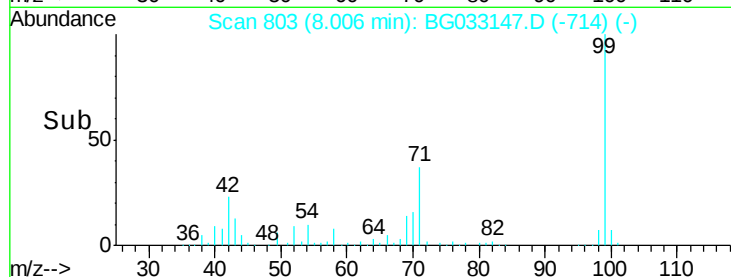
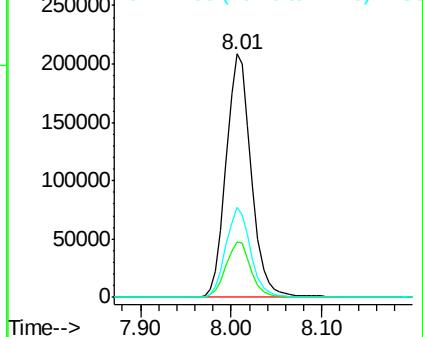
99 100

42 22.8 14.1 21.1#

71 37.0 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: 11.78 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BG033147.D

Acq: 14 Mar 2018 15:15

Tgt Ion: 136 Resp: 163956

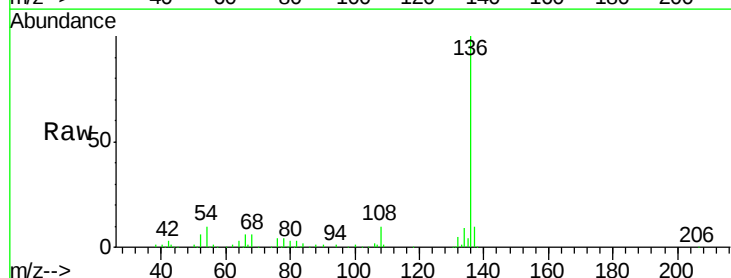
Ion Ratio Lower Upper

136 100

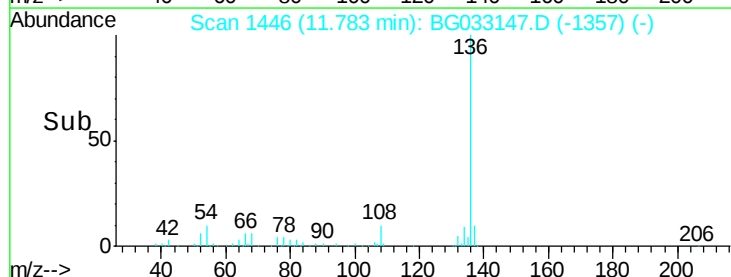
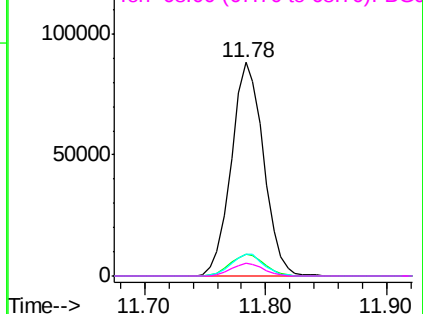
137 10.1 9.2 13.8

54 10.5 10.3 15.5

68 6.0 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: 119.060 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BG033147.D

Acq: 14 Mar 2018 15:15

Instrument :

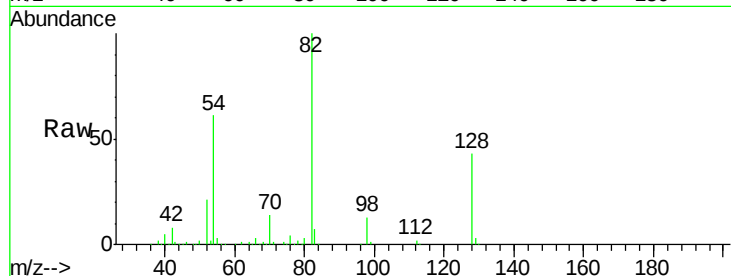
BNA_G

ClientSampleId :

RT-3867

Tot Ion: 82 Resp: 291920

Ion	Ratio	Lower	Upper
82	100		
128	42.6	29.7	44.5
54	61.4	43.1	64.7

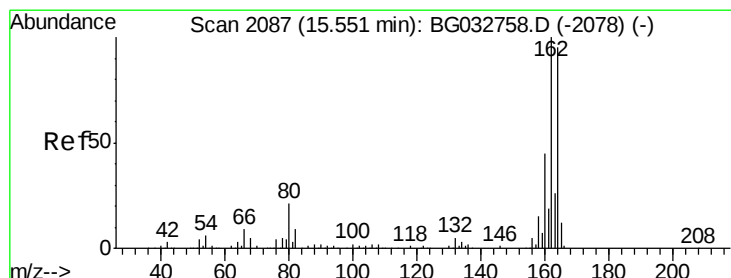
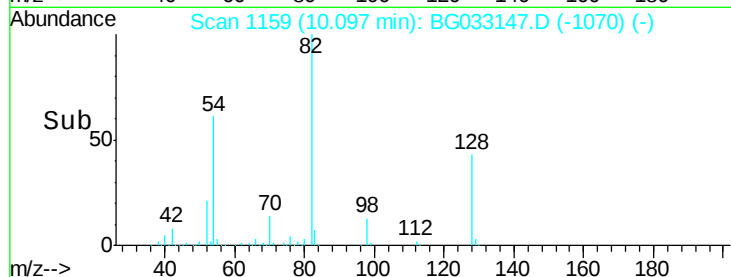
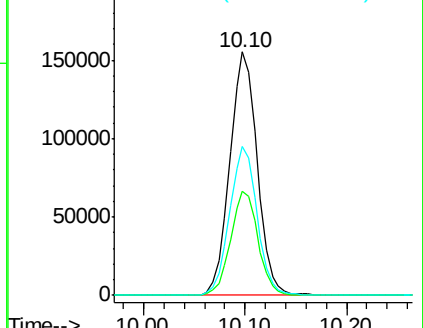


Abundance

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: 15.52 min Scan# 2082

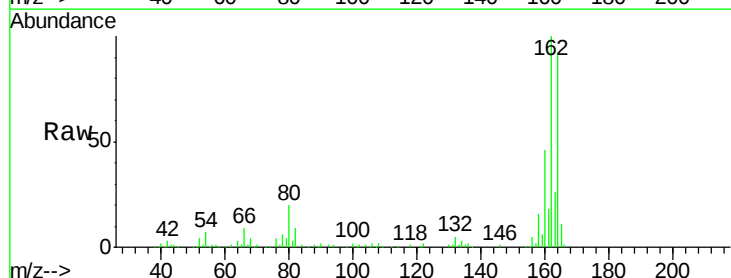
Delta R.T. 0.00 min

Lab File: BG033147.D

Acq: 14 Mar 2018 15:15

Tgt Ion: 164 Resp: 94387

Ion	Ratio	Lower	Upper
164	100		
162	108.1	78.8	118.2
160	49.4	35.4	53.0

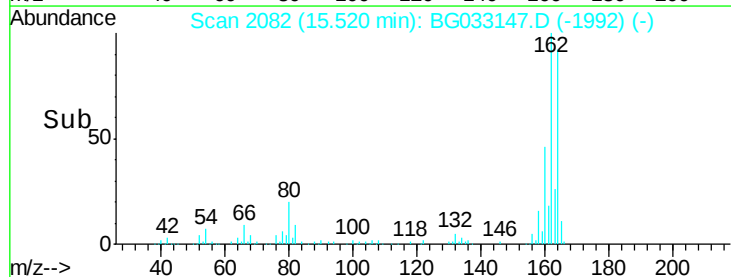
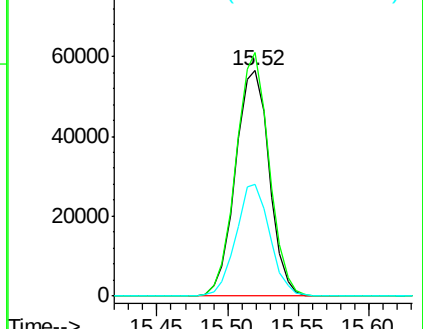


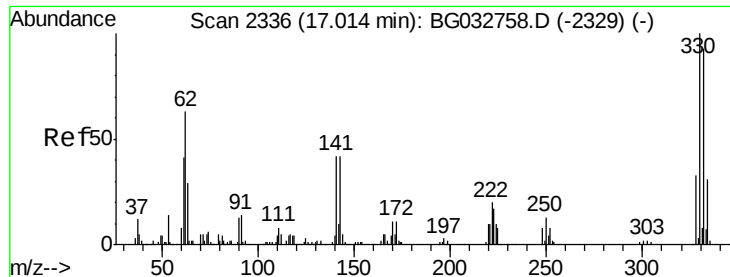
Abundance

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

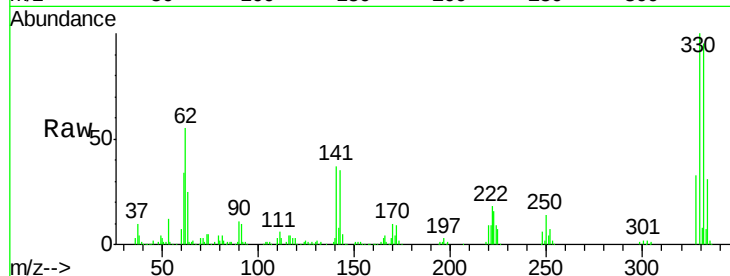




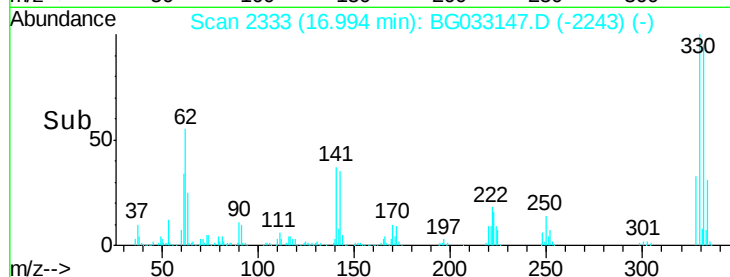
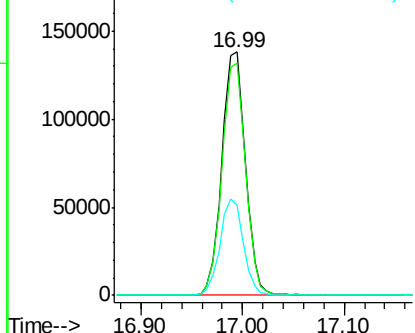
#41
 2,4,6-Tribromophenol
 Concen: 224.991 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. 0.00 min
 Lab File: BG033147.D
 Acq: 14 Mar 2018 15:15

Instrument :
 BNA_G
 ClientSampleId :
 RT-3867

Tot Ion:330 Resp: 223292
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 39.1 25.2 37.8#

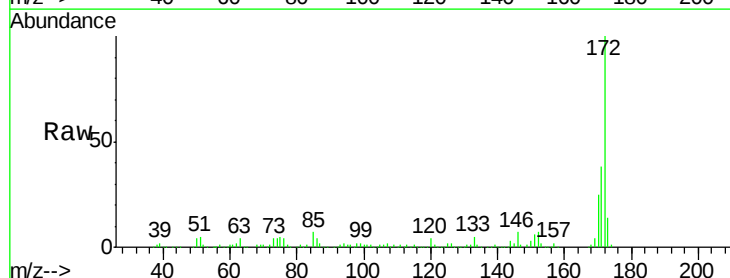


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

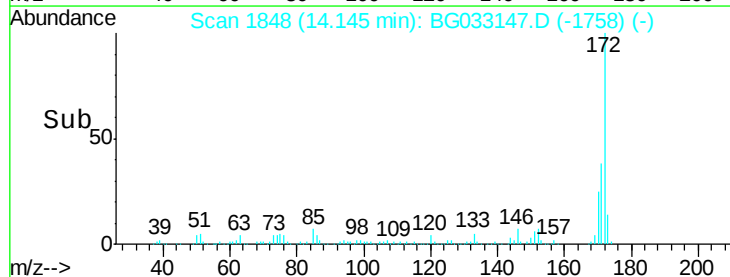
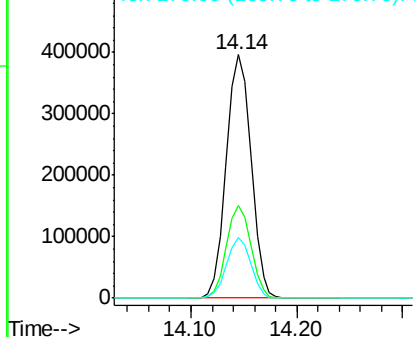


#44
 2-Fluorobiphenyl
 Concen: 98.265 ng
 RT: 14.14 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033147.D
 Acq: 14 Mar 2018 15:15

Tgt Ion:172 Resp: 643088
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.0 45.0
 170 25.0 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

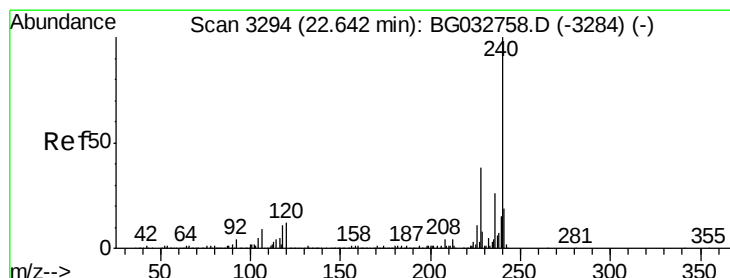
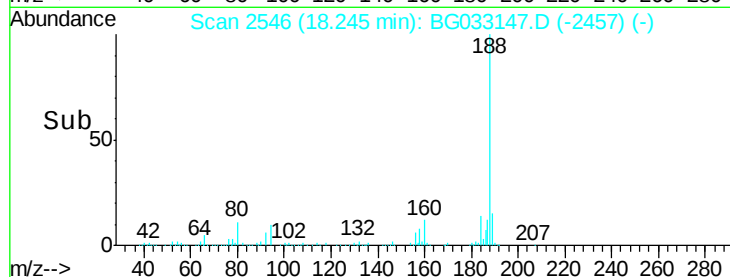
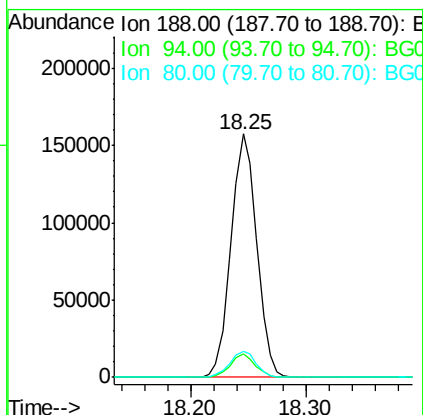
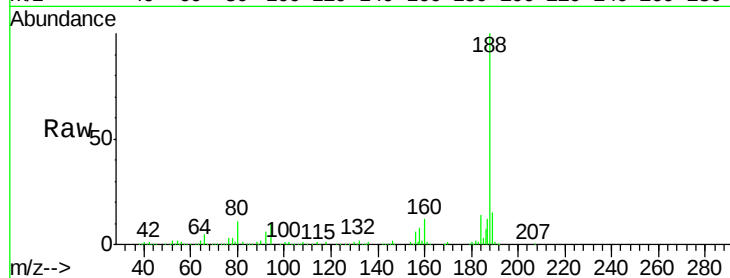




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2546
Delta R.T. -0.00 min
Lab File: BG033147.D
Acq: 14 Mar 2018 15:15

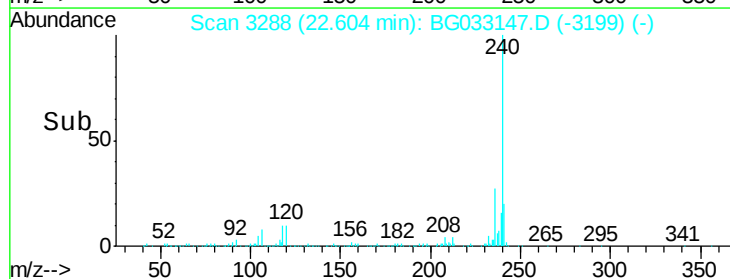
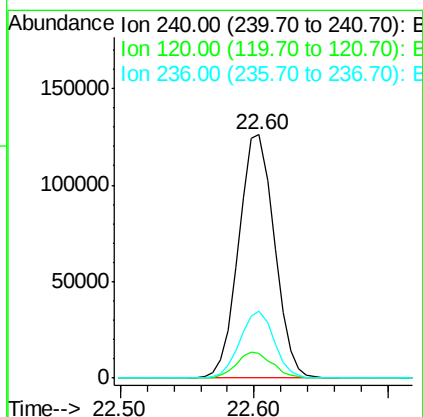
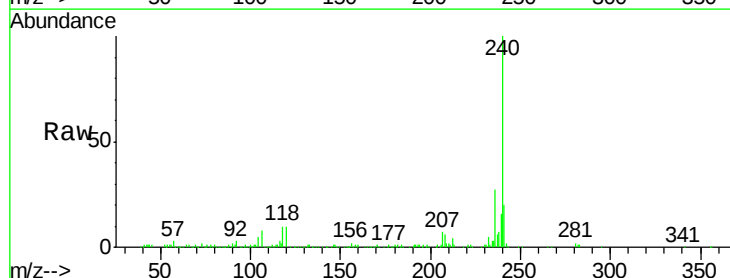
Instrument :
BNA_G
ClientSampleId :
RT-3867

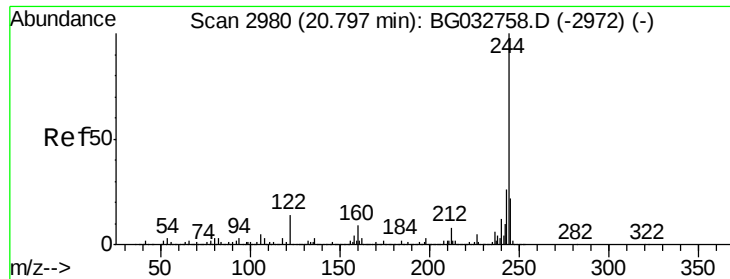
Tot Ion:188 Resp: 243343
Ion Ratio Lower Upper
188 100
94 9.5 6.9 10.3
80 10.7 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3288
Delta R.T. -0.00 min
Lab File: BG033147.D
Acq: 14 Mar 2018 15:15

Tgt Ion:240 Resp: 234284
Ion Ratio Lower Upper
240 100
120 10.4 6.8 10.2#
236 27.4 20.9 31.3





#78

Terphenyl-d14

Concen: 112.560 ng

RT: 20.77 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BG033147.D

Acq: 14 Mar 2018 15:15

Instrument :

BNA_G

ClientSampled :

RT-3867

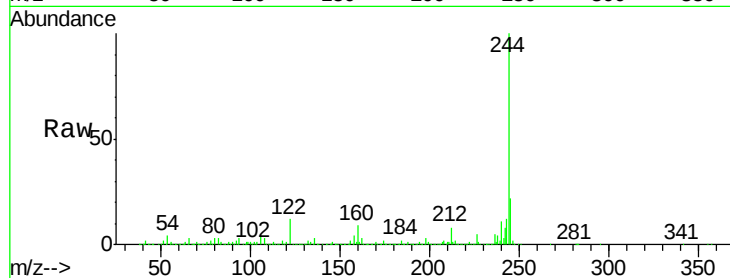
Tot Ion:244 Resp: 1173756

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

122 12.0 7.0 10.4#



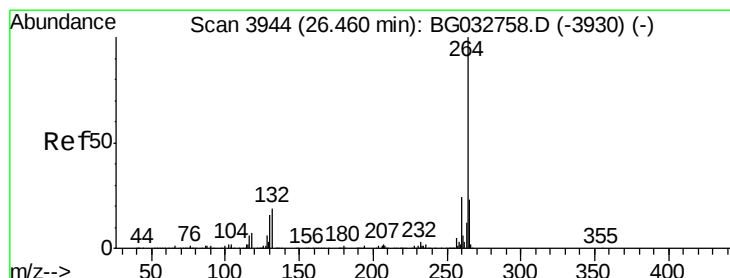
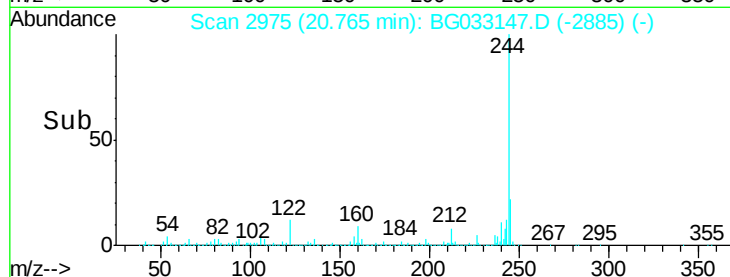
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.77

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.40 min Scan# 3935

Delta R.T. -0.00 min

Lab File: BG033147.D

Acq: 14 Mar 2018 15:15

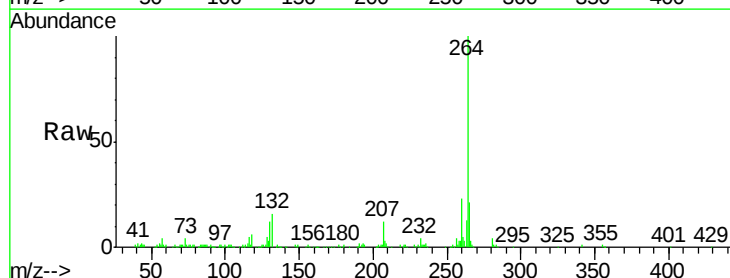
Tgt Ion:264 Resp: 242329

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 20.9 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

26.40

Time-->

