

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
 Data File : BG033611.D
 Acq On : 6 Apr 2018 3:06
 Operator : SJ/JU
 Sample : J2212-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-A

Quant Time: Apr 06 04:10:38 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.88	152	30574	20.00	ng	0.02
21) Naphthalene-d8	11.76	136	141664	20.00	ng	0.02
38) Acenaphthene-d10	15.49	164	119213	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	318685	20.00	ng	0.00
75) Chrysene-d12	22.56	240	313172	20.00	ng	0.00
86) Perylene-d12	26.33	264	294711	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	253384	155.40	ng	0.02
7) Phenol-d6	7.99	99	356601	127.29	ng	0.02
23) Nitrobenzene-d5	10.08	82	293289	95.12	ng	0.02
41) 2,4,6-Tribromophenol	16.96	330	223671	125.45	ng	0.00
44) 2-Fluorobiphenyl	14.12	172	739694	89.57	ng	0.02
78) Terphenyl-d14	20.74	244	1439221	98.28	ng	0.00

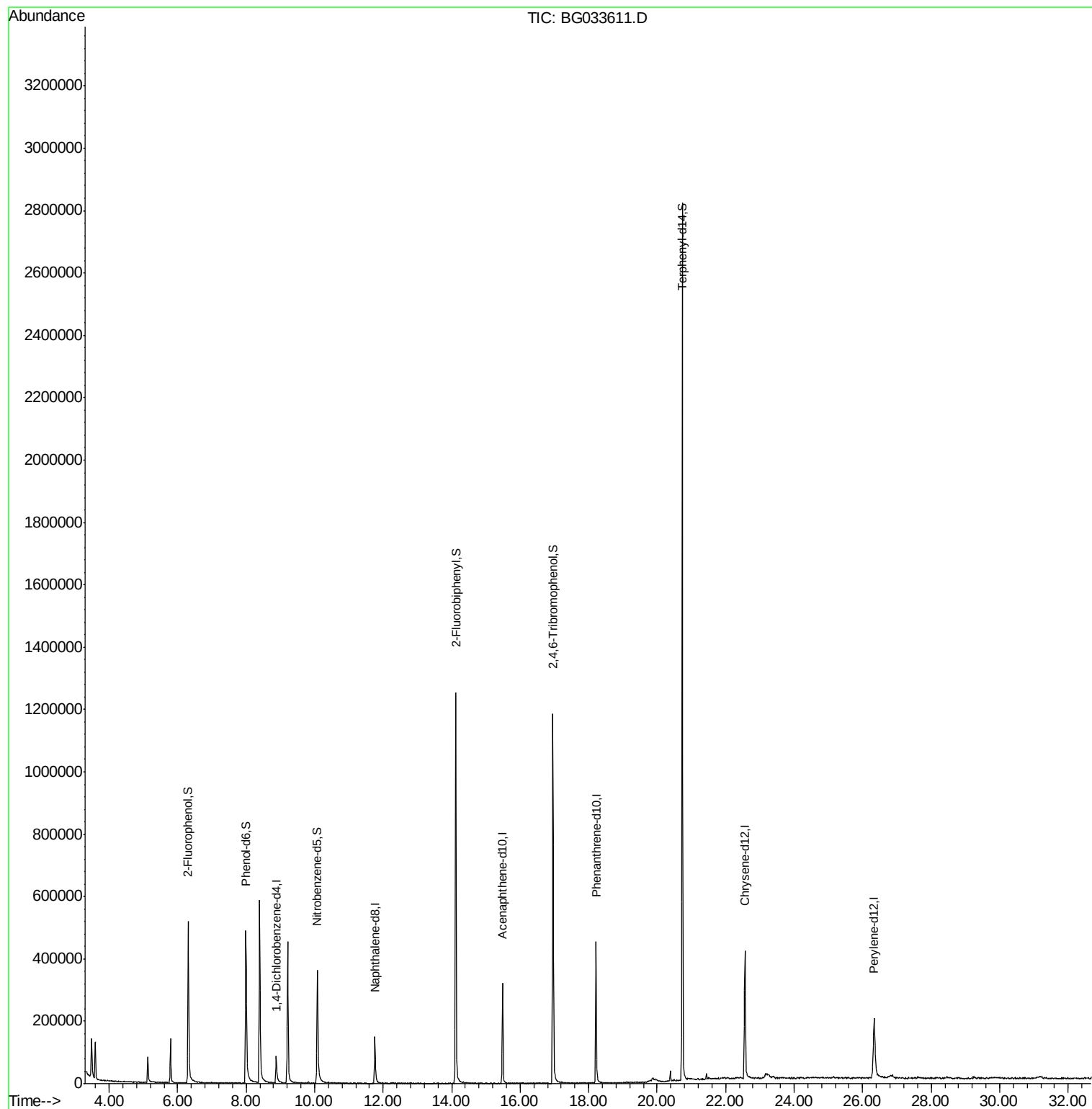
Target Compounds Qvalue

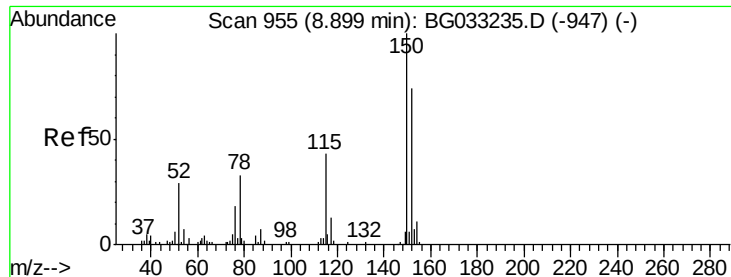
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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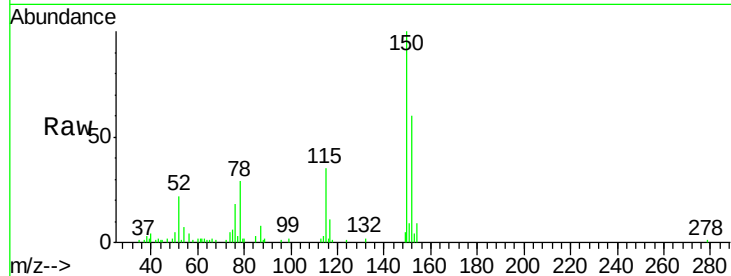


#1

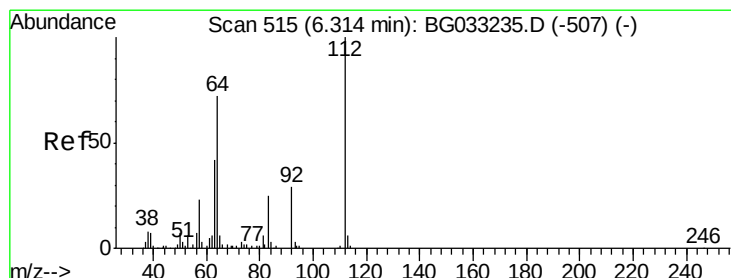
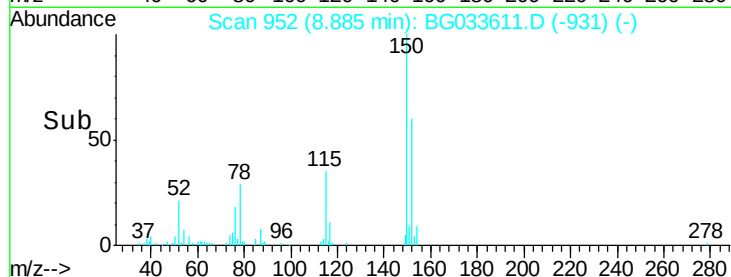
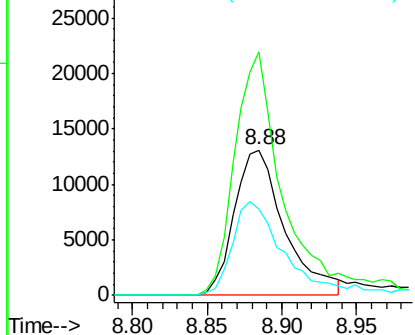
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.88 min Scan# 952
Delta R.T. 0.02 min
Lab File: BG033611.D
Acq: 6 Apr 2018 3:06

Instrument :
BNA_G
ClientSampleId :
SP-1-A

Tot Ion	152	Resp	30574
Ion	Ratio	Lower	Upper
152	100		
150	167.3	126.6	189.8
115	59.1	53.0	79.4



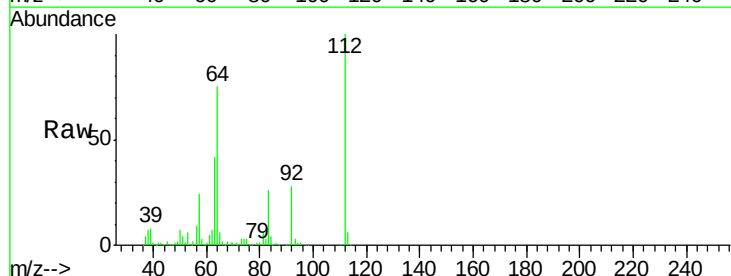
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



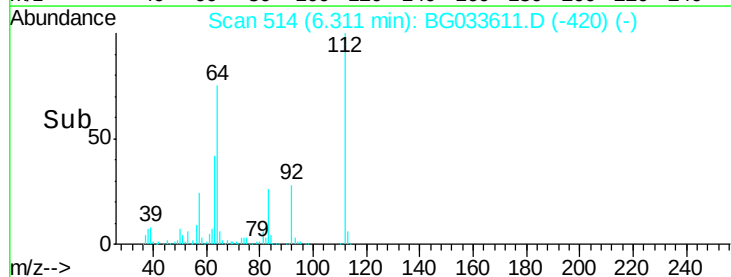
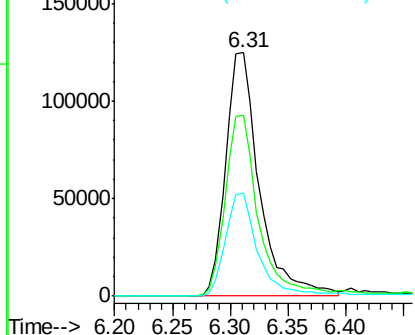
#5

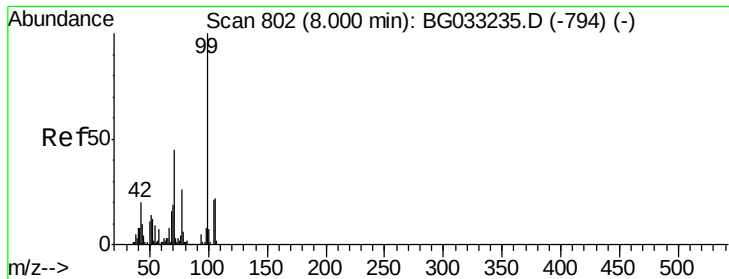
2-Fluorophenol
Concen: 155.402 ng
RT: 6.31 min Scan# 514
Delta R.T. 0.02 min
Lab File: BG033611.D
Acq: 6 Apr 2018 3:06

Tgt Ion	112	Resp	253384
Ion	Ratio	Lower	Upper
112	100		
64	74.5	56.3	84.5
63	42.1	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: 127.287 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.02 min

Lab File: BG033611.D

Acq: 6 Apr 2018 3:06

Instrument :

BNA_G

ClientSampleId :

SP-1-A

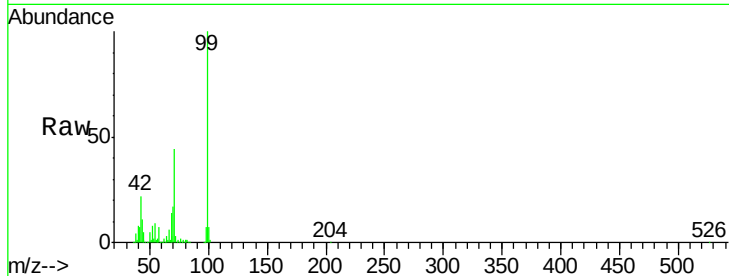
Tot Ion: 99 Resp: 356601

Ion Ratio Lower Upper

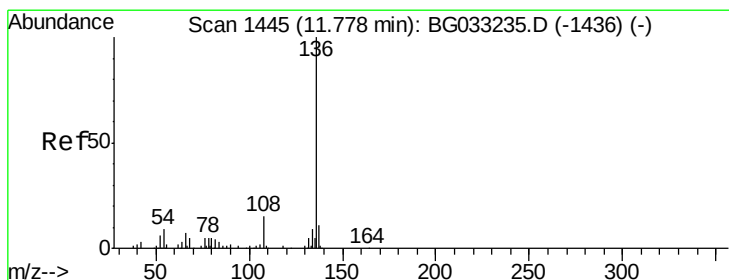
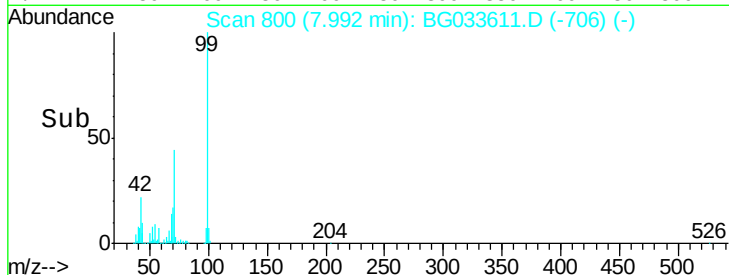
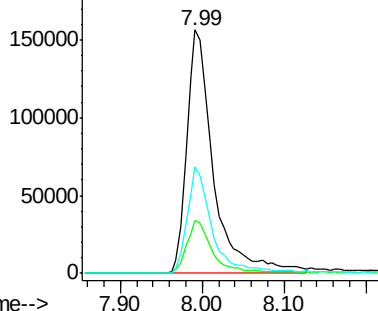
99 100

42 21.6 14.1 21.1#

71 43.6 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: 11.76 min Scan# 1441

Delta R.T. 0.02 min

Lab File: BG033611.D

Acq: 6 Apr 2018 3:06

Tgt Ion: 136 Resp: 141664

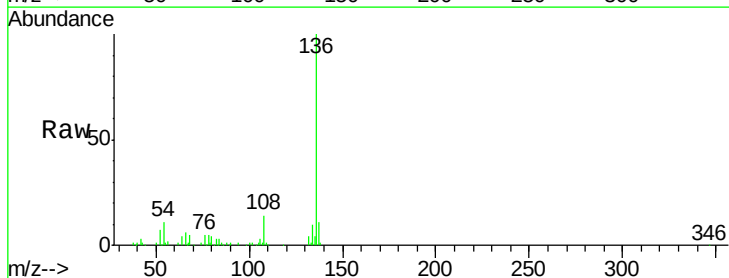
Ion Ratio Lower Upper

136 100

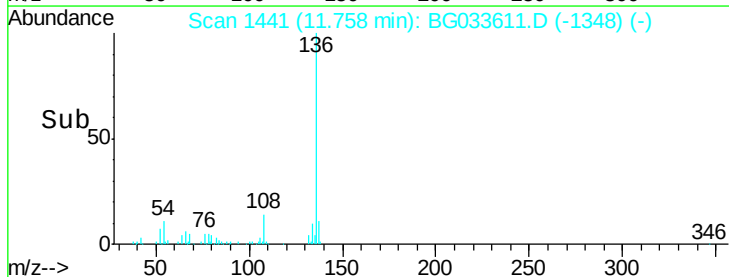
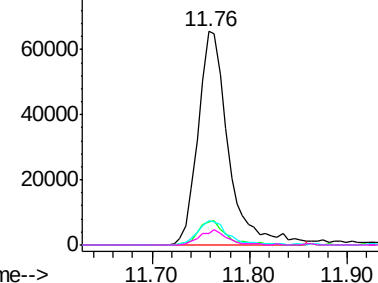
137 11.0 9.2 13.8

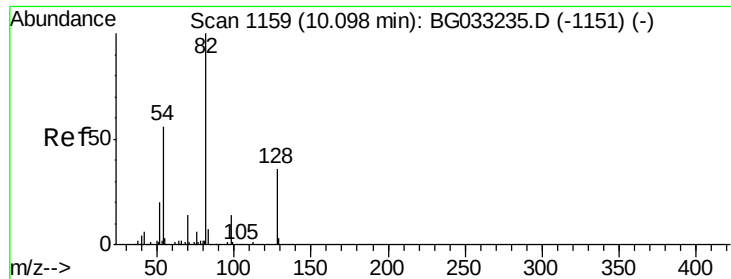
54 11.1 10.3 15.5

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: 95.119 ng

RT: 10.08 min Scan# 1155

Delta R.T. 0.02 min

Lab File: BG033611.D

Acq: 6 Apr 2018 3:06

Instrument :

BNA_G

ClientSampleId :

SP-1-A

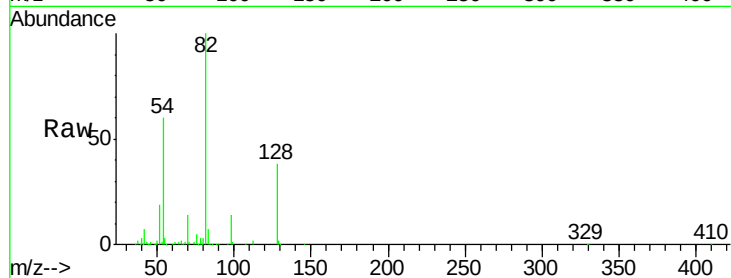
Tot Ion: 82 Resp: 293289

Ion Ratio Lower Upper

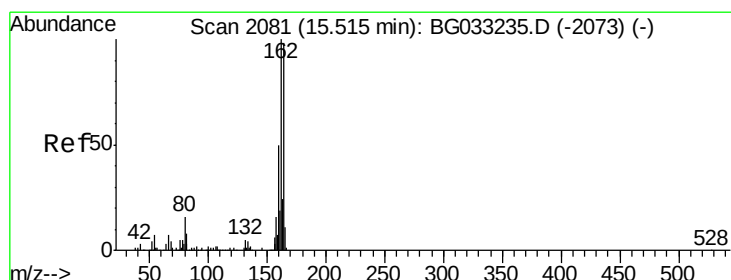
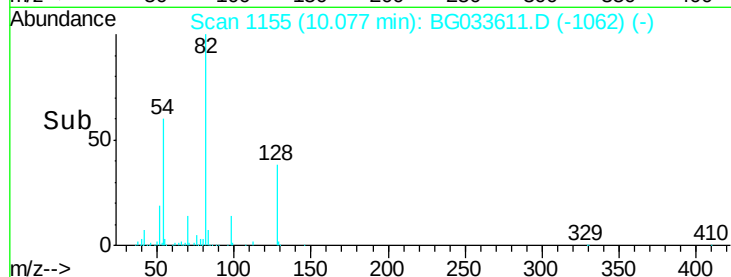
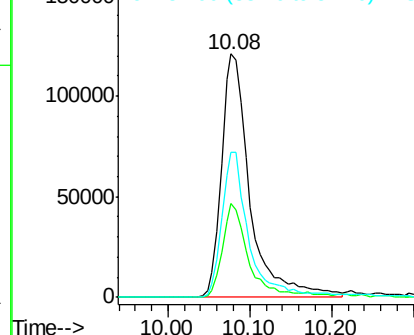
82 100

128 38.4 29.7 44.5

54 59.8 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: 15.49 min Scan# 2076

Delta R.T. 0.01 min

Lab File: BG033611.D

Acq: 6 Apr 2018 3:06

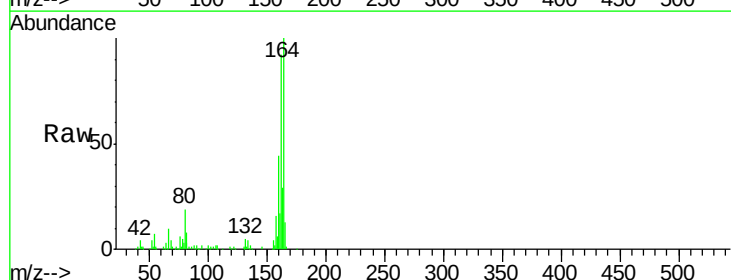
Tgt Ion: 164 Resp: 119213

Ion Ratio Lower Upper

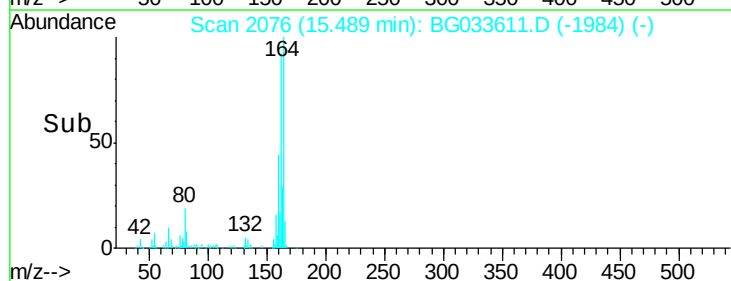
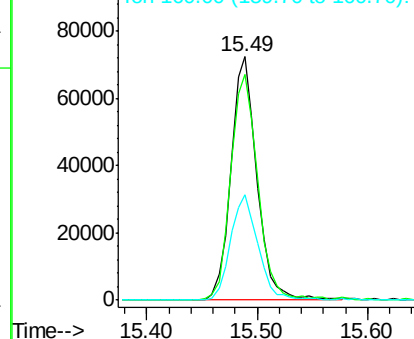
164 100

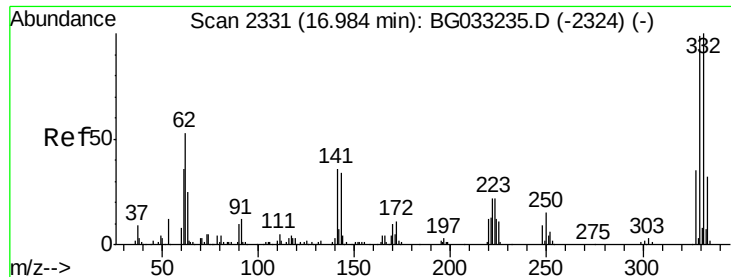
162 92.4 78.8 118.2

160 43.5 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: 125.449 ng

RT: 16.96 min Scan# 2327

Delta R.T. 0.01 min

Lab File: BG033611.D

Acq: 6 Apr 2018 3:06

Instrument :

BNA_G

ClientSampled :

SP-1-A

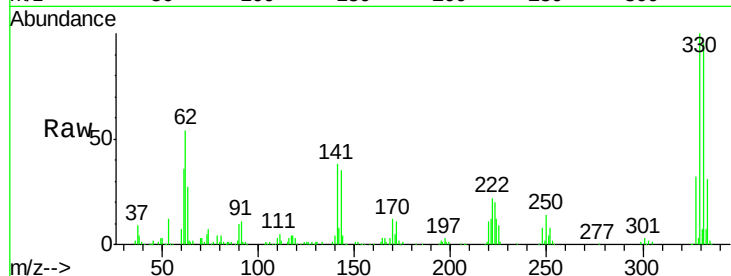
Tot Ion:330 Resp: 223671

Ion Ratio Lower Upper

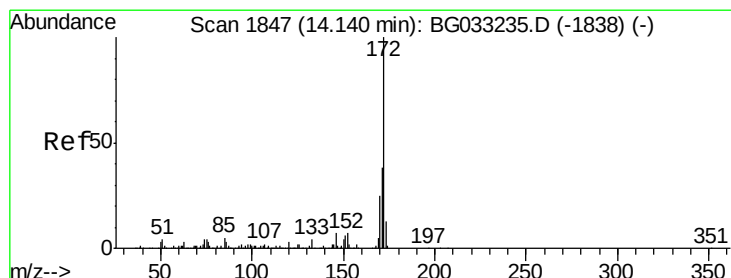
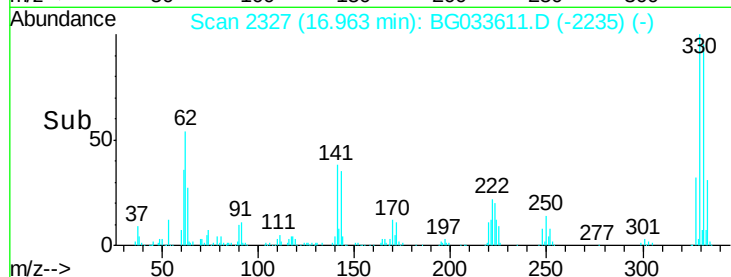
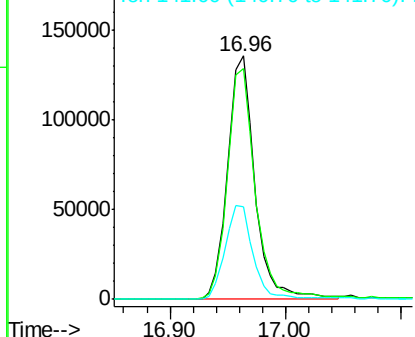
330 100

332 98.1 77.0 115.6

141 40.2 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: 89.575 ng

RT: 14.12 min Scan# 1843

Delta R.T. 0.02 min

Lab File: BG033611.D

Acq: 6 Apr 2018 3:06

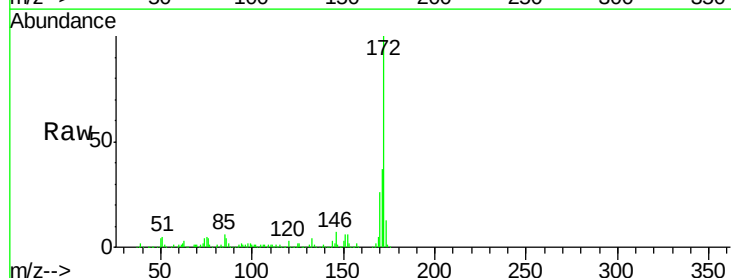
Tgt Ion:172 Resp: 739694

Ion Ratio Lower Upper

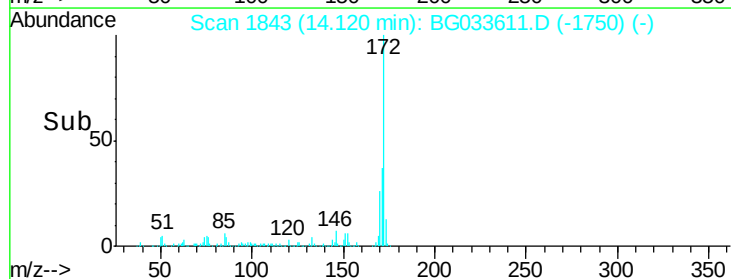
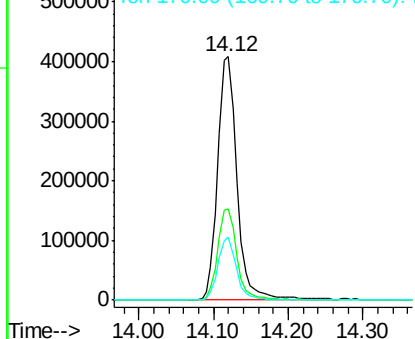
172 100

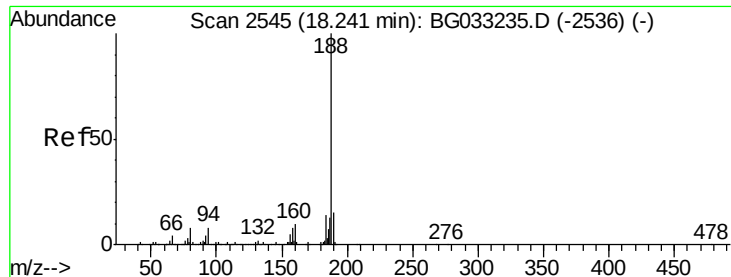
171 37.3 30.0 45.0

170 25.8 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: 18.21 min Scan# 2540

Delta R.T. 0.00 min

Lab File: BG033611.D

Acq: 6 Apr 2018 3:06

Instrument :

BNA_G

ClientSampleId :

SP-1-A

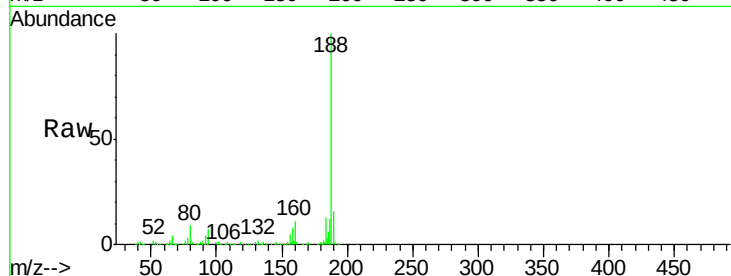
Tot Ion:188 Resp: 318685

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

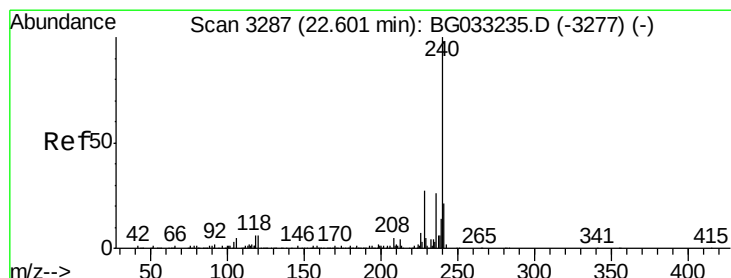
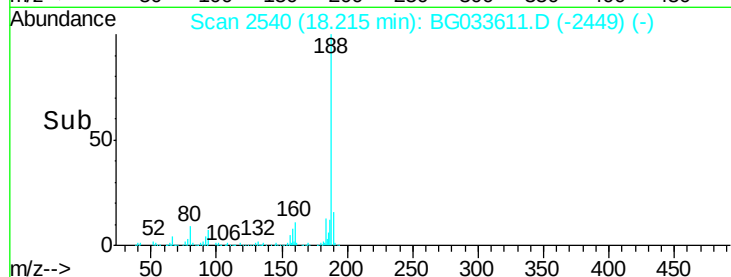
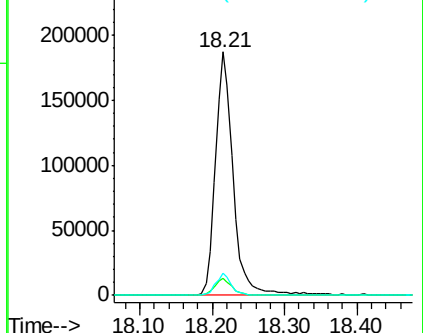
80 9.2 7.7 11.5



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: 22.56 min Scan# 3280

Delta R.T. 0.00 min

Lab File: BG033611.D

Acq: 6 Apr 2018 3:06

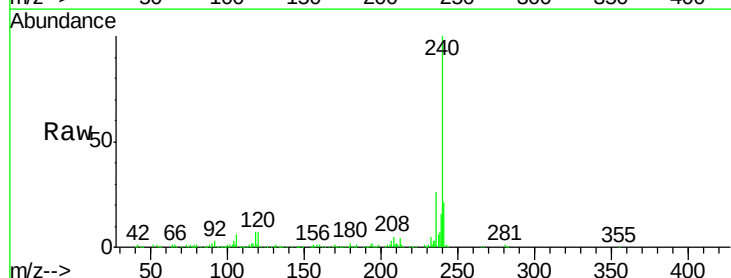
Tgt Ion:240 Resp: 313172

Ion Ratio Lower Upper

240 100

120 6.9 6.8 10.2

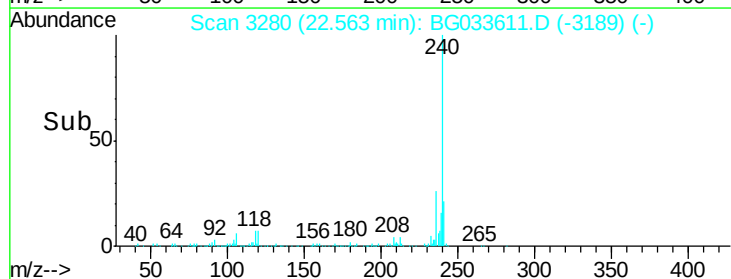
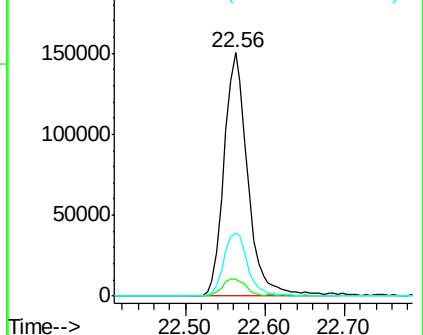
236 26.1 20.9 31.3

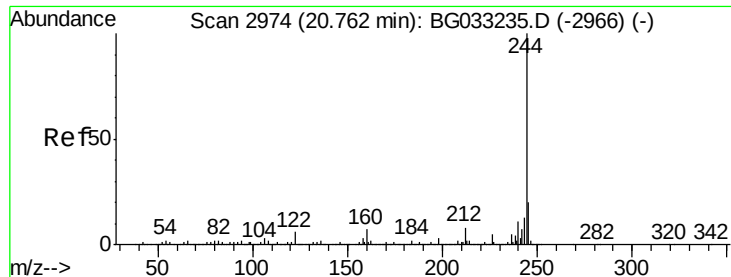


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 98.282 ng

RT: 20.74 min Scan# 2969

Delta R.T. 0.01 min

Lab File: BG033611.D

Acq: 6 Apr 2018 3:06

Instrument :

BNA_G

ClientSampled :

SP-1-A

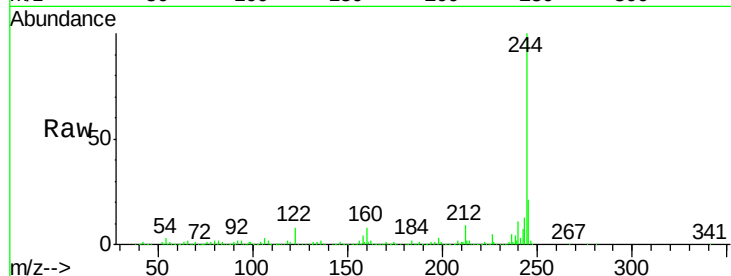
Tot Ion:244 Resp: 1439221

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

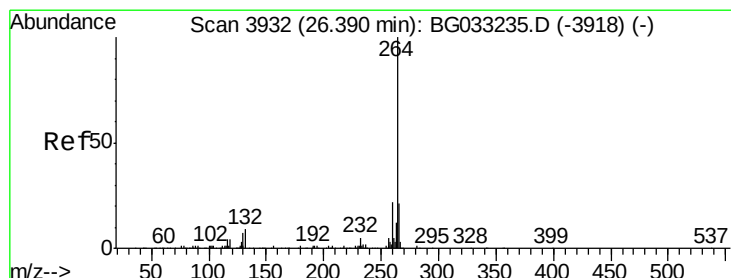
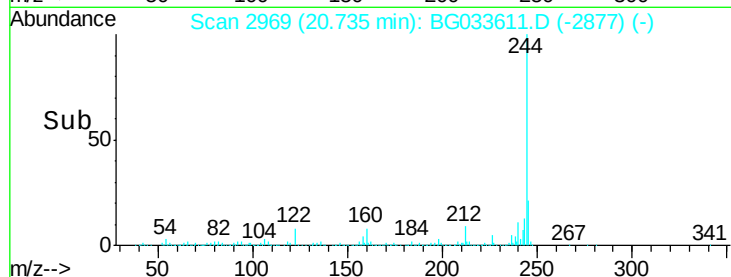
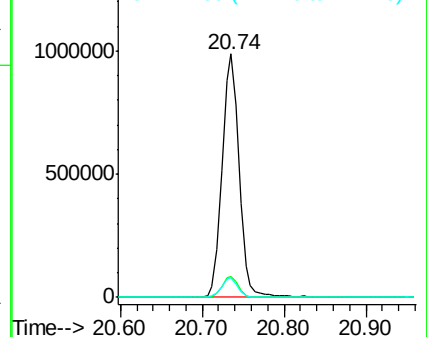
122 7.8 7.0 10.4



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: 26.33 min Scan# 3922

Delta R.T. 0.02 min

Lab File: BG033611.D

Acq: 6 Apr 2018 3:06

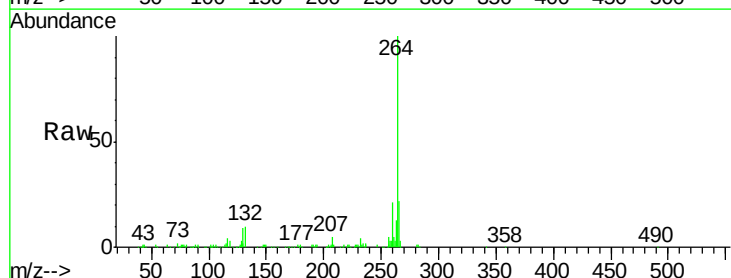
Tgt Ion:264 Resp: 294711

Ion Ratio Lower Upper

264 100

260 21.3 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

