

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041218\
 Data File : BG033779.D
 Acq On : 12 Apr 2018 19:17
 Operator : SJ/JU
 Sample : J2162-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-041118-C

Quant Time: Apr 13 03:05:17 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

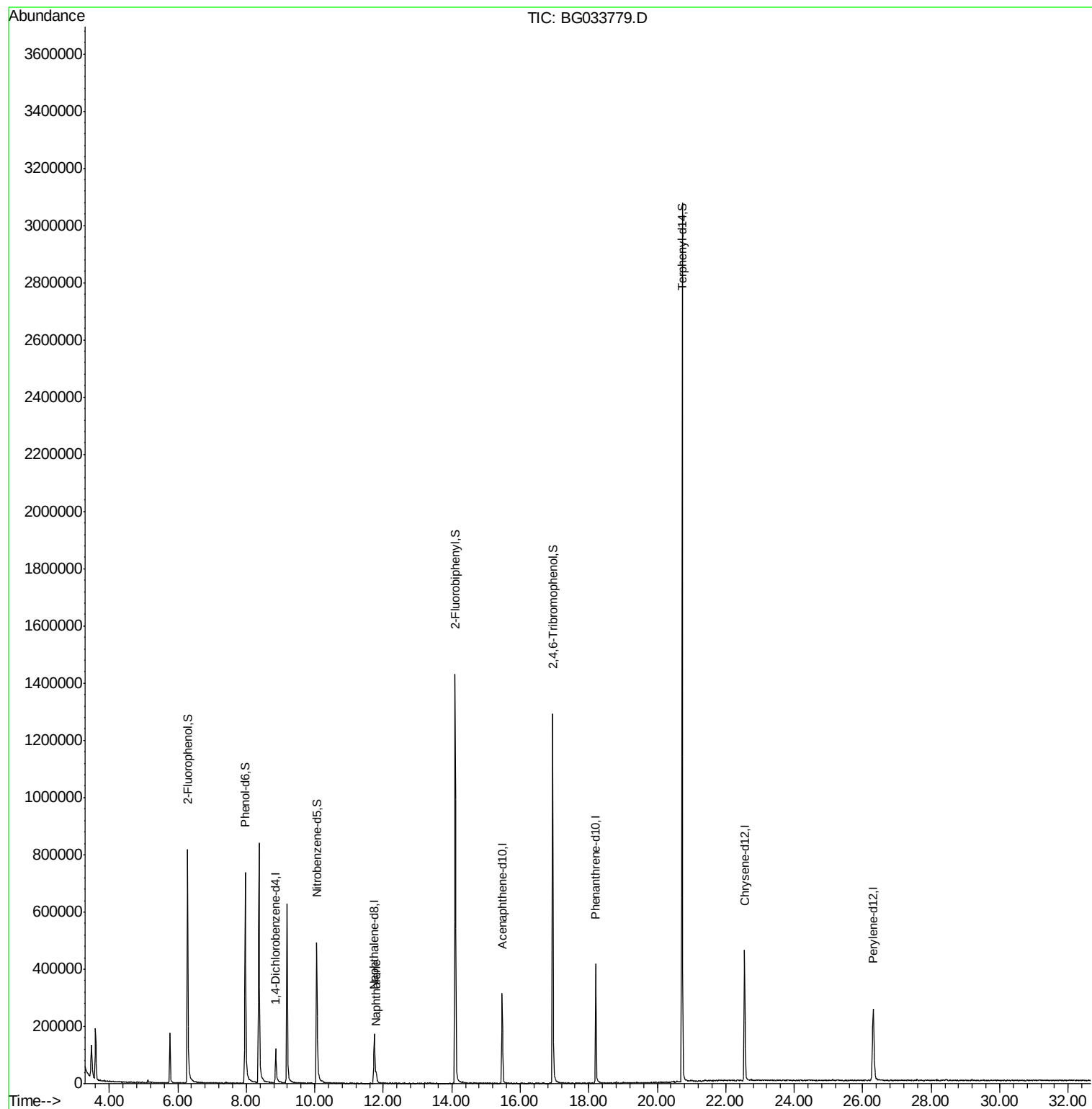
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	42274	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	170843	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	122107	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	309342	20.00	ng	0.00
75) Chrysene-d12	22.55	240	329872	20.00	ng	0.00
86) Perylene-d12	26.31	264	327068	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	376915	167.19	ng	0.00
7) Phenol-d6	7.97	99	506279	130.70	ng	0.00
23) Nitrobenzene-d5	10.06	82	381630	102.63	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	253607	138.87	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	810560	95.83	ng	0.00
78) Terphenyl-d14	20.73	244	1572626	101.96	ng	0.00
Target Compounds						
31) Naphthalene	11.80	128	35727	4.036	ng	Qvalue 96

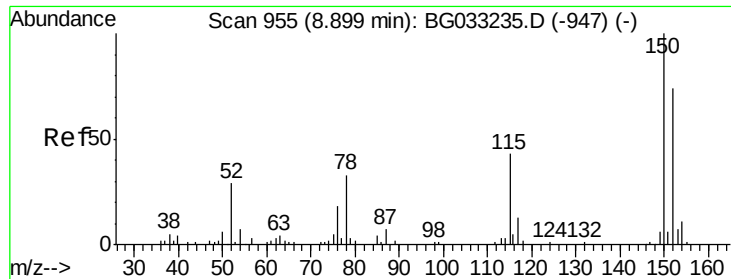
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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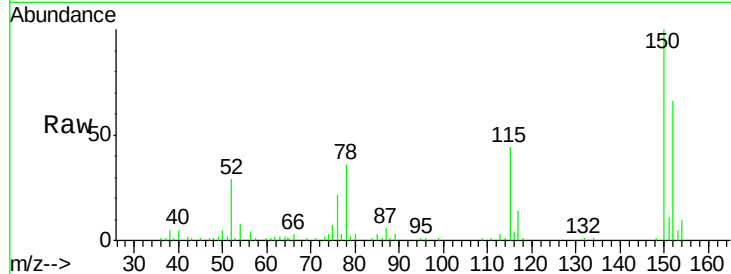


#1

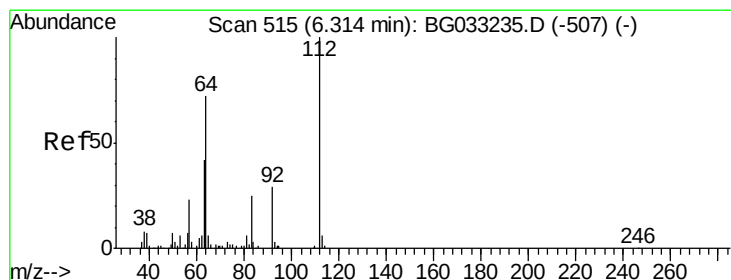
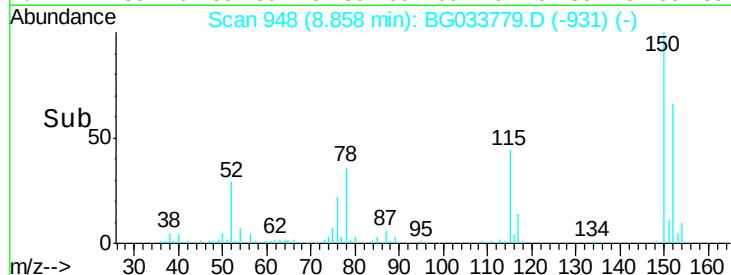
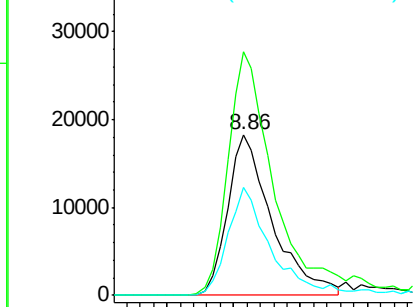
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033779.D
Acq: 12 Apr 2018 19:17

Instrument :
BNA_G
ClientSampleId :
EO-01-041118-C

Tot Ion:152 Resp: 42274
Ion Ratio Lower Upper
152 100
150 151.6 126.6 189.8
115 67.3 53.0 79.4



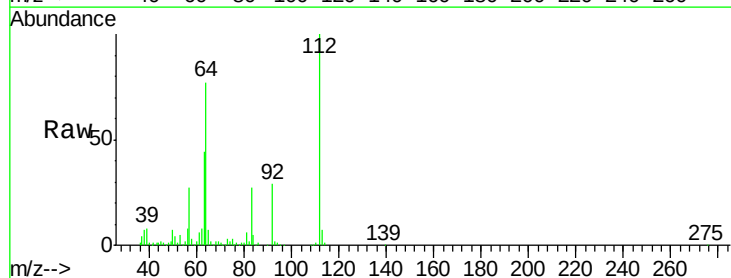
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



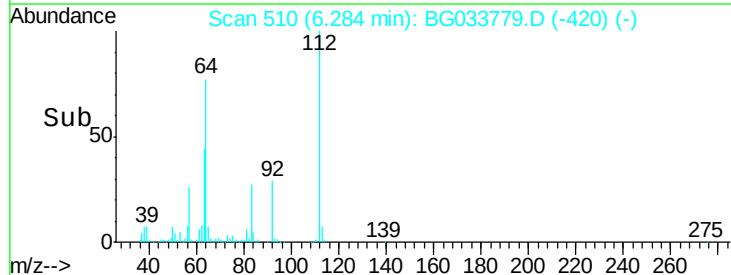
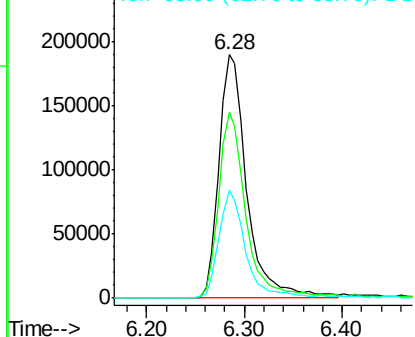
#5

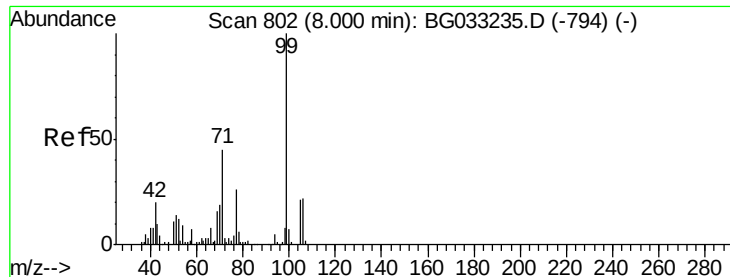
2-Fluorophenol
Concen: 167.186 ng
RT: 6.28 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033779.D
Acq: 12 Apr 2018 19:17

Tgt Ion:112 Resp: 376915
Ion Ratio Lower Upper
112 100
64 76.7 56.3 84.5
63 44.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 130.699 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033779.D

Acq: 12 Apr 2018 19:17

Instrument :

BNA_G

ClientSampleId :

EO-01-041118-C

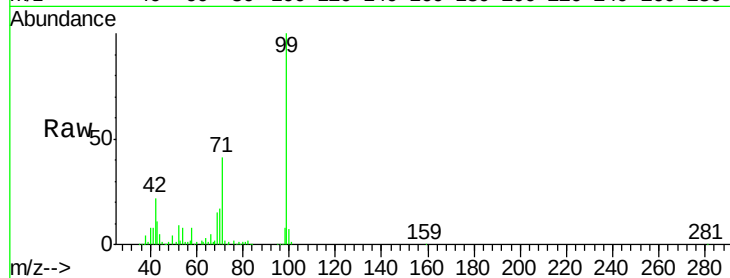
Tot Ion: 99 Resp: 506279

Ion Ratio Lower Upper

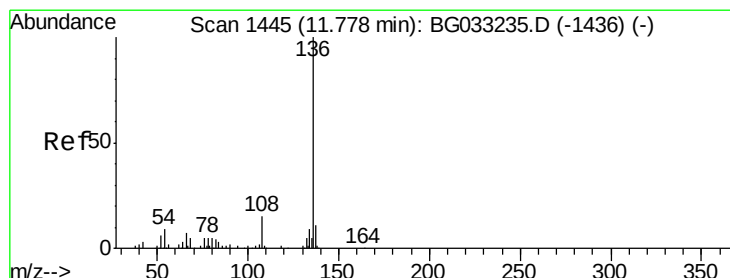
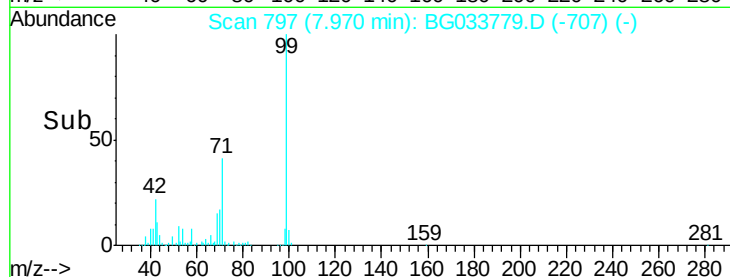
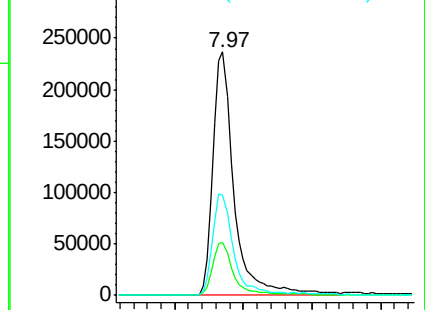
99 100

42 21.6 14.1 21.1#

71 41.1 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: 11.74 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BG033779.D

Acq: 12 Apr 2018 19:17

Tgt Ion: 136 Resp: 170843

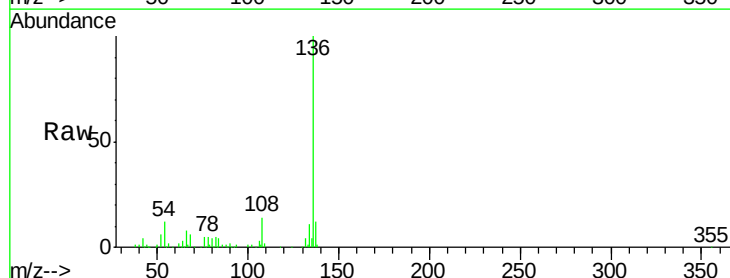
Ion Ratio Lower Upper

136 100

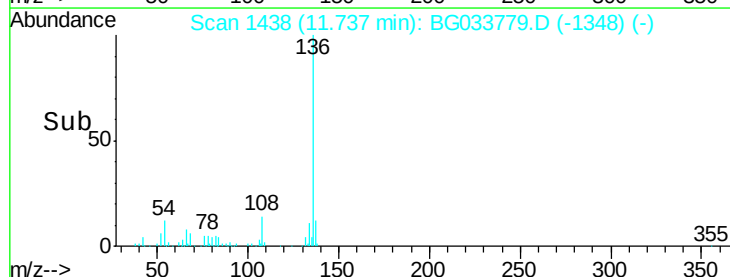
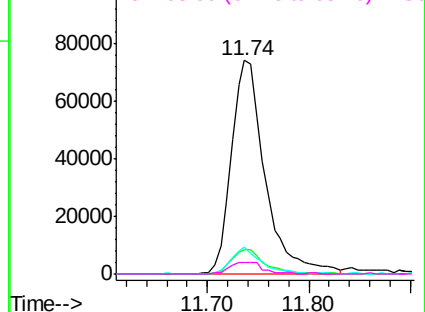
137 11.6 9.2 13.8

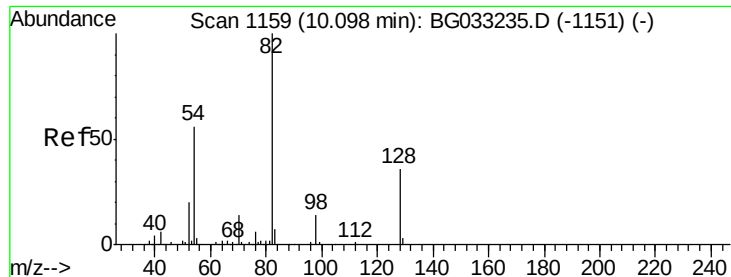
54 12.4 10.3 15.5

68 5.6 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

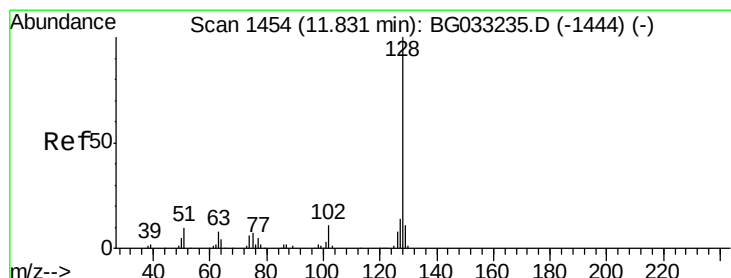
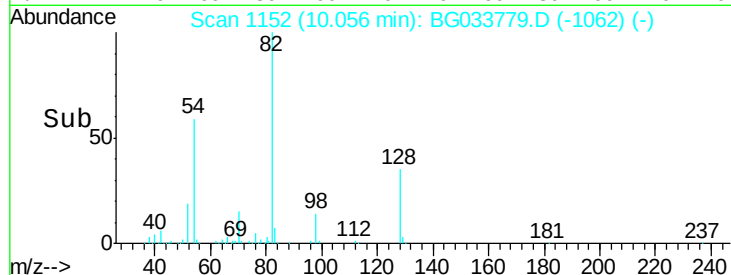
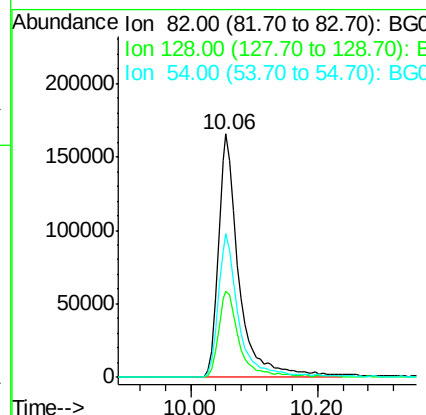
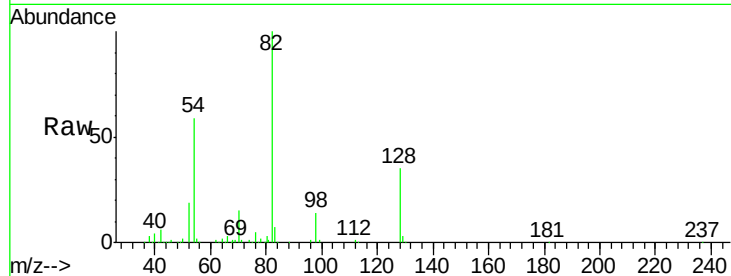




#23
 Nitrobenzene-d5
 Concen: 102.630 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG033779.D
 Acq: 12 Apr 2018 19:17

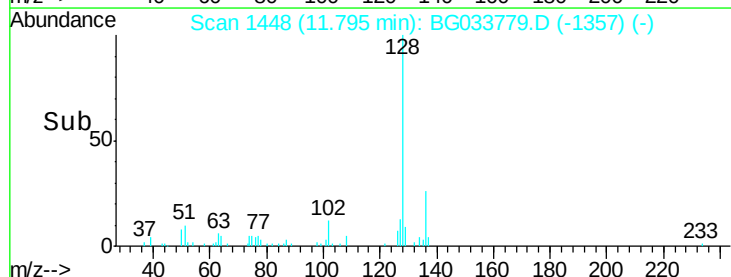
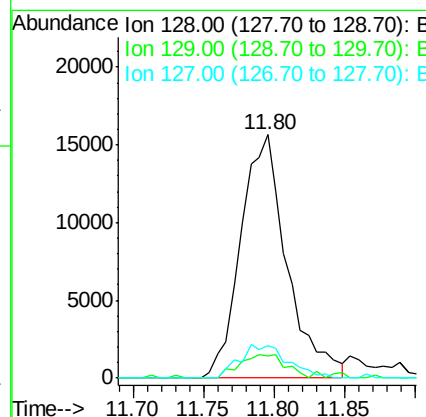
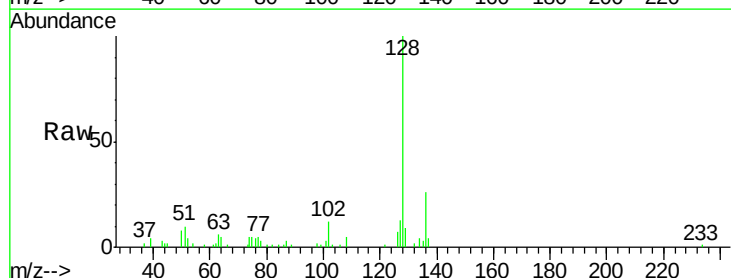
Instrument :
 BNA_G
 ClientSampleId :
 EO-01-041118-C

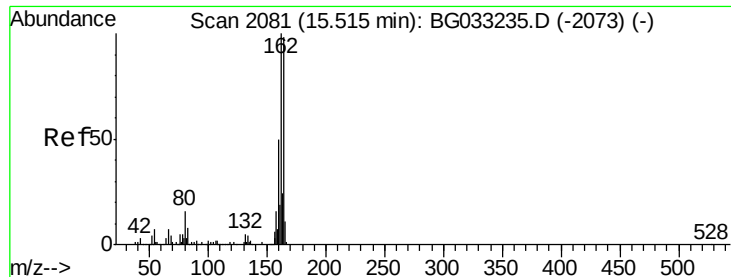
Tot Ion: 82 Resp: 381630
 Ion Ratio Lower Upper
 82 100
 128 35.3 29.7 44.5
 54 59.1 43.1 64.7



#31
 Naphthalene
 Concen: 4.036 ng
 RT: 11.80 min Scan# 1448
 Delta R.T. 0.01 min
 Lab File: BG033779.D
 Acq: 12 Apr 2018 19:17

Tgt Ion: 128 Resp: 35727
 Ion Ratio Lower Upper
 128 100
 129 9.1 8.6 12.8
 127 13.2 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG033779.D

Acq: 12 Apr 2018 19:17

Instrument :

BNA_G

ClientSampleId :

EO-01-041118-C

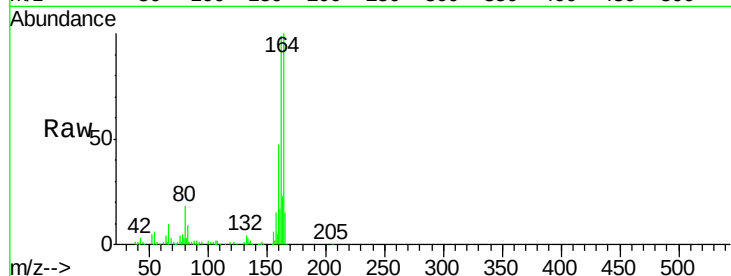
Tot Ion:164 Resp: 122107

Ion Ratio Lower Upper

164 100

162 98.7 78.8 118.2

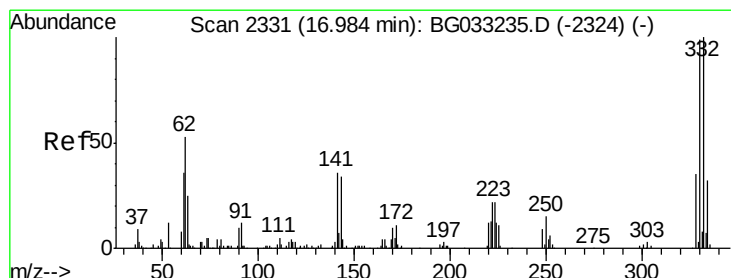
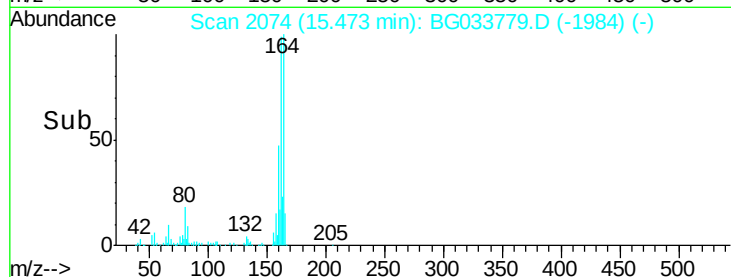
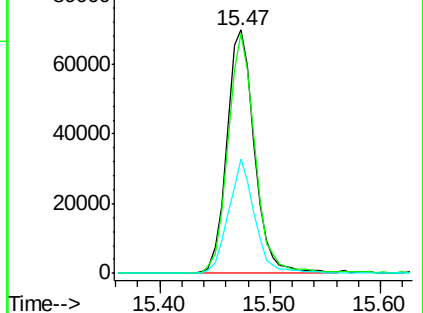
160 46.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 138.867 ng

RT: 16.95 min Scan# 2325

Delta R.T. 0.00 min

Lab File: BG033779.D

Acq: 12 Apr 2018 19:17

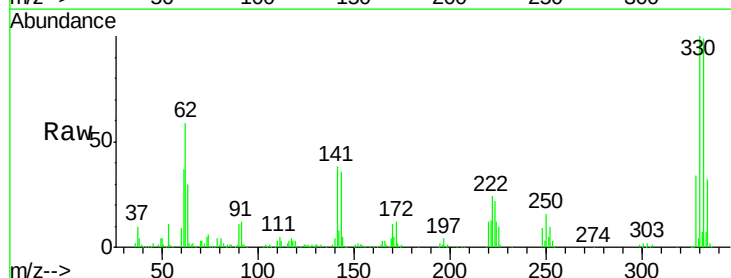
Tgt Ion:330 Resp: 253607

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

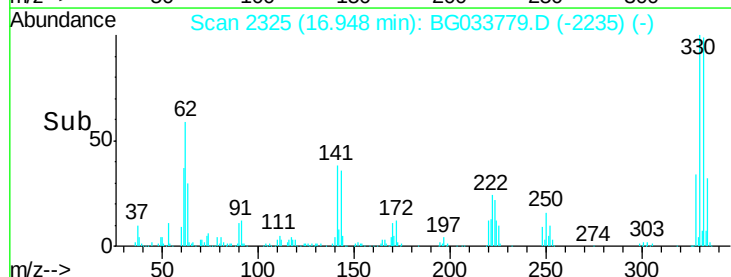
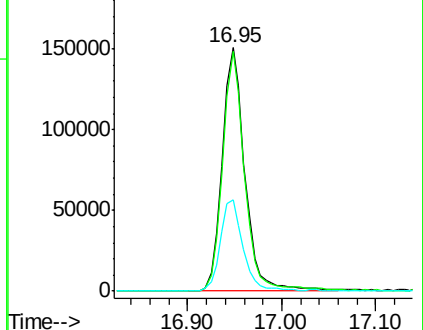
141 37.4 25.2 37.8

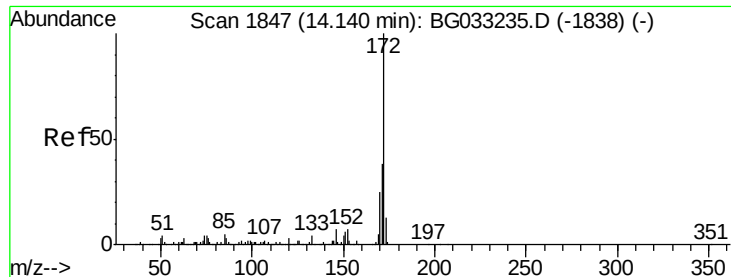


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

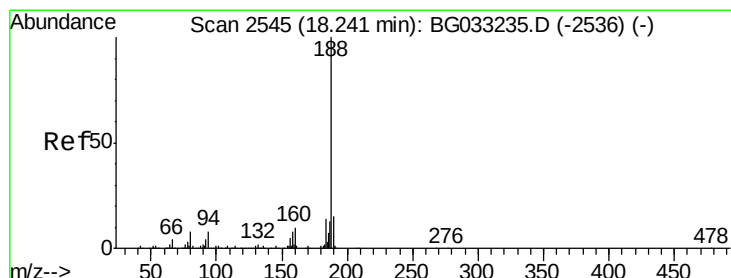
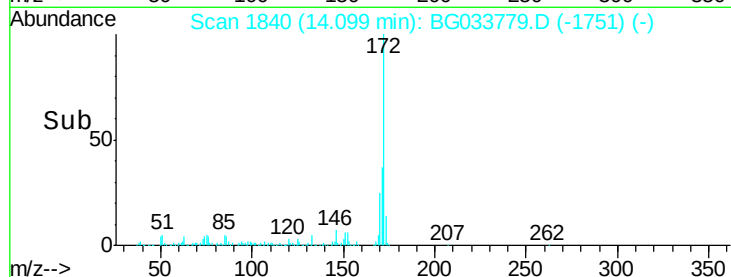
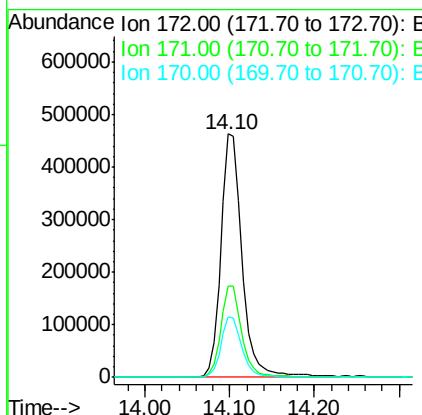
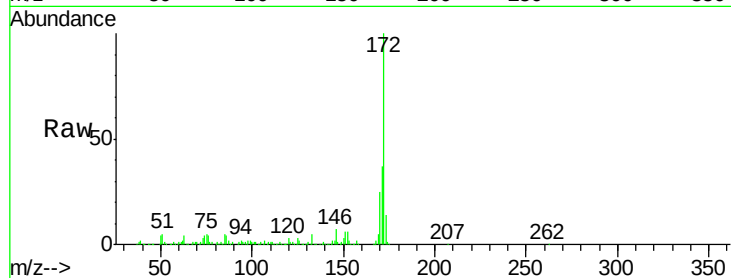




#44
2-Fluorobiphenyl
Concen: 95.830 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG033779.D
Acq: 12 Apr 2018 19:17

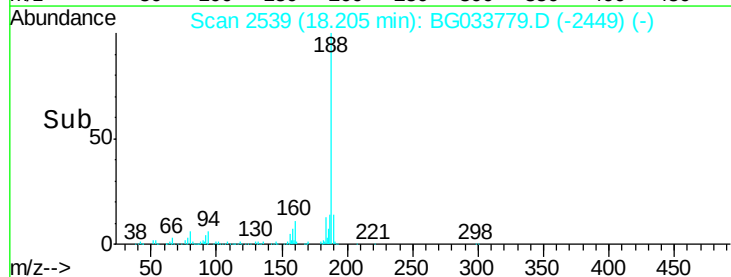
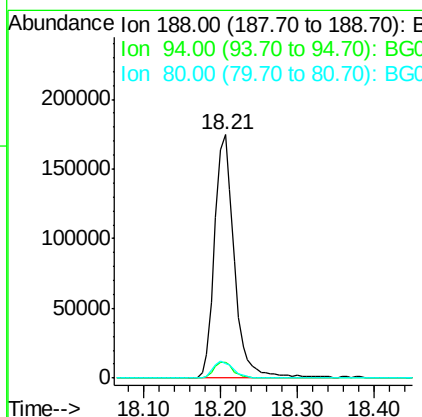
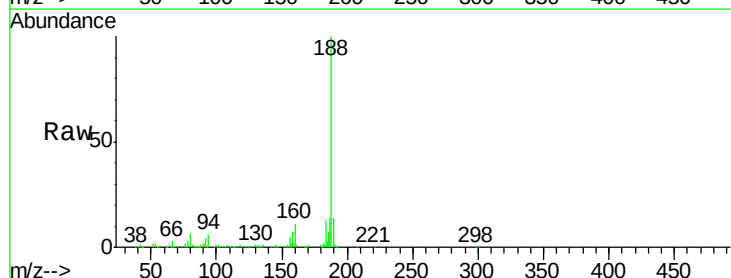
Instrument :
BNA_G
ClientSampleId :
EO-01-041118-C

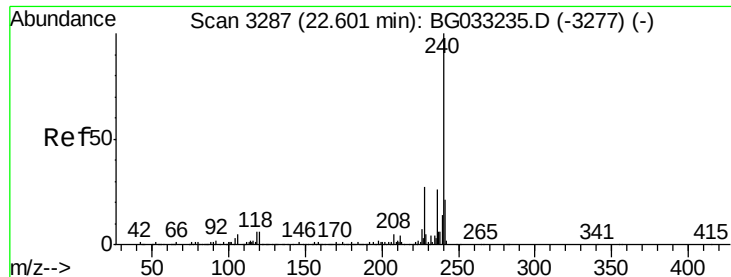
Tot Ion:172 Resp: 810560
Ion Ratio Lower Upper
172 100
171 37.5 30.0 45.0
170 25.0 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BG033779.D
Acq: 12 Apr 2018 19:17

Tgt Ion:188 Resp: 309342
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 5.8 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BG033779.D

Acq: 12 Apr 2018 19:17

Instrument :

BNA_G

ClientSampleId :

EO-01-041118-C

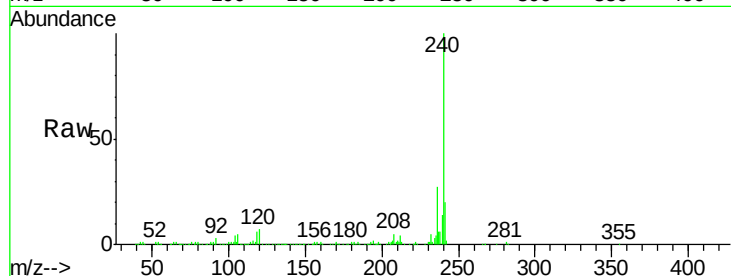
Tot Ion:240 Resp: 329872

Ion Ratio Lower Upper

240 100

120 6.9 6.8 10.2

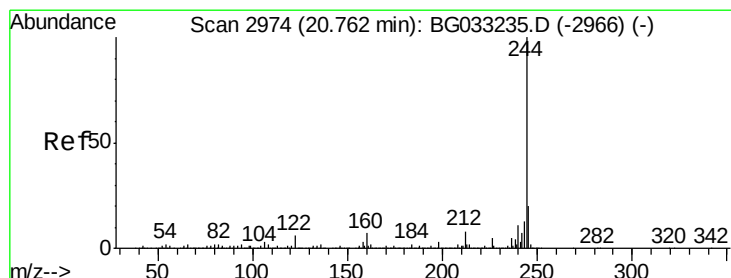
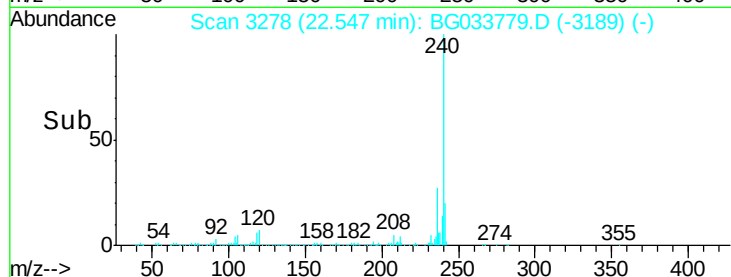
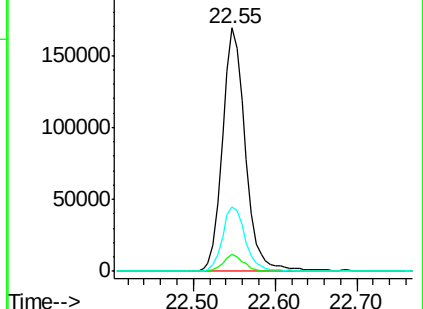
236 26.5 20.9 31.3



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: 101.956 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033779.D

Acq: 12 Apr 2018 19:17

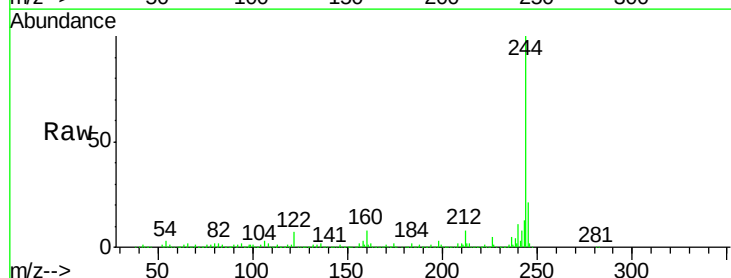
Tgt Ion:244 Resp: 1572626

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

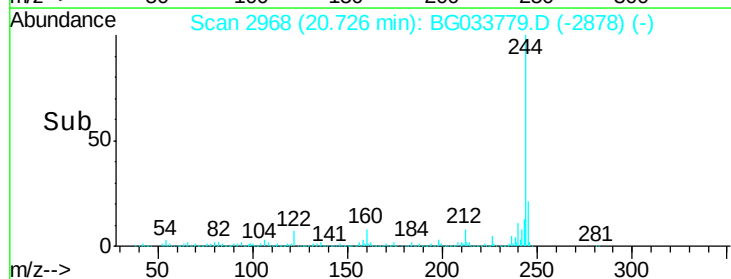
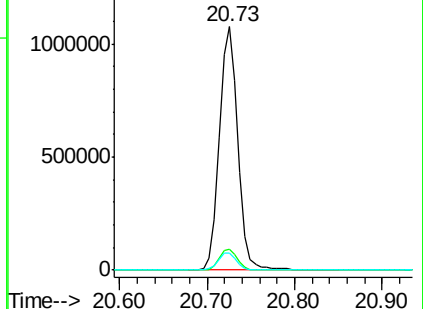
122 7.3 7.0 10.4

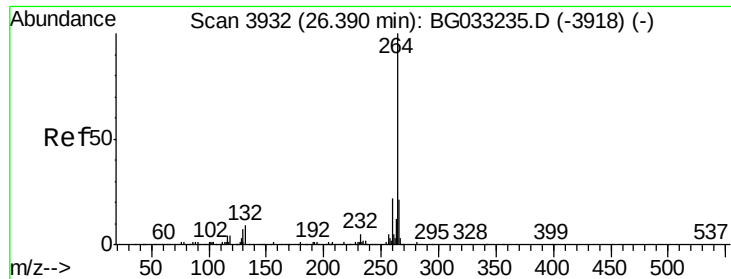


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3918
Delta R.T. 0.00 min
Lab File: BG033779.D
Acq: 12 Apr 2018 19:17

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	22.5	17.7	26.5

