

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033523.D
 Acq On : 3 Apr 2018 13:28
 Operator : SJ/JU
 Sample : J1757-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-033018-A

Quant Time: Apr 03 15:12:51 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

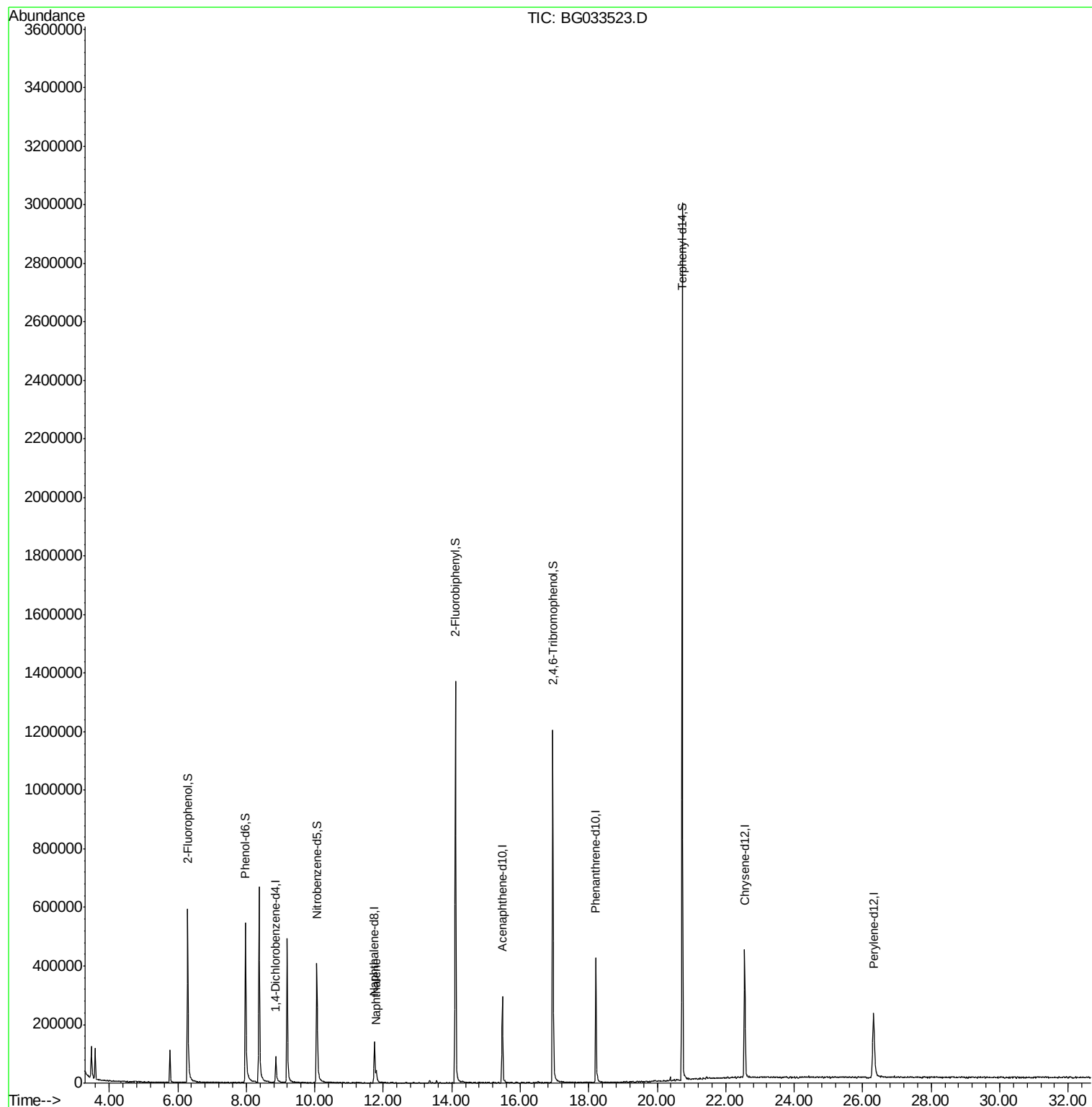
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33448	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	137191	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	114765	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	312571	20.00	ng	0.00
75) Chrysene-d12	22.55	240	328682	20.00	ng	0.00
86) Perylene-d12	26.31	264	335851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	286828	160.80	ng	0.00
7) Phenol-d6	7.98	99	386496	126.10	ng	0.00
23) Nitrobenzene-d5	10.06	82	318733	106.74	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	253198	147.51	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	762031	95.86	ng	0.00
78) Terphenyl-d14	20.73	244	1590213	103.47	ng	0.00
Target Compounds						
31) Naphthalene	11.79	128	39261	5.523	ng	Qvalue # 94

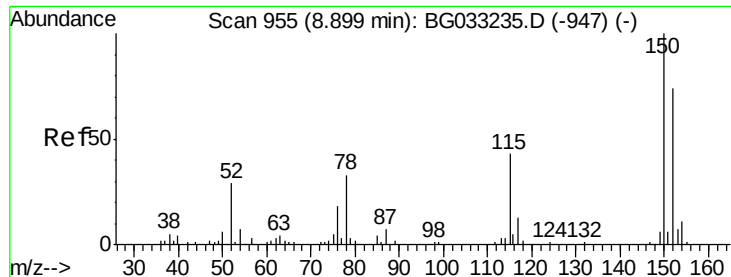
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 03 14:50:26 2018
Response via : Initial Calibration

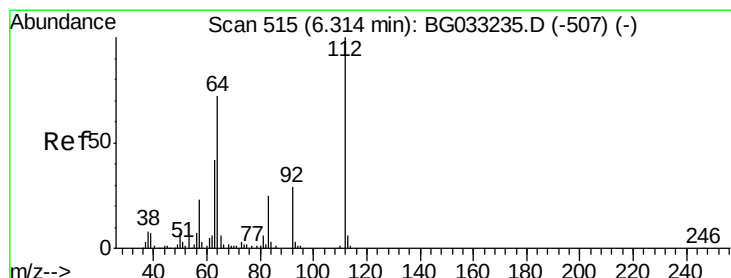
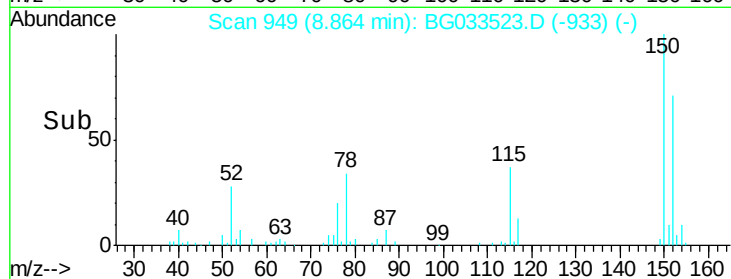
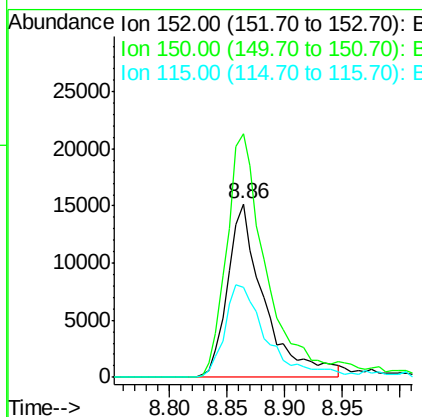
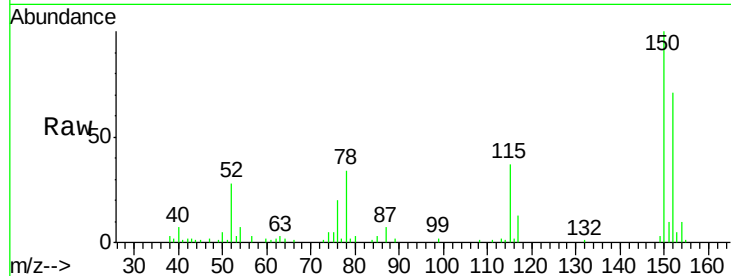




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BG033523.D
 Acq: 3 Apr 2018 13:28

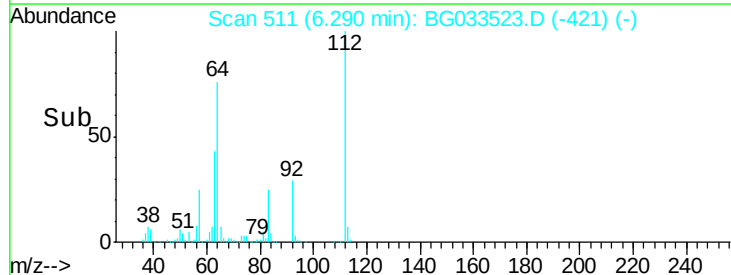
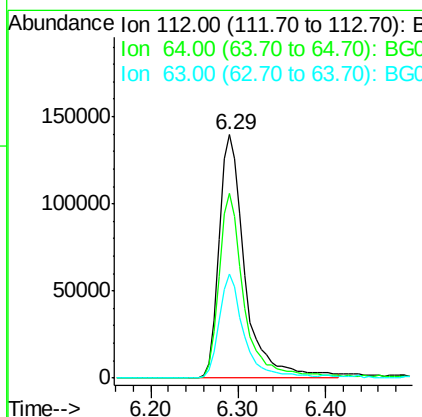
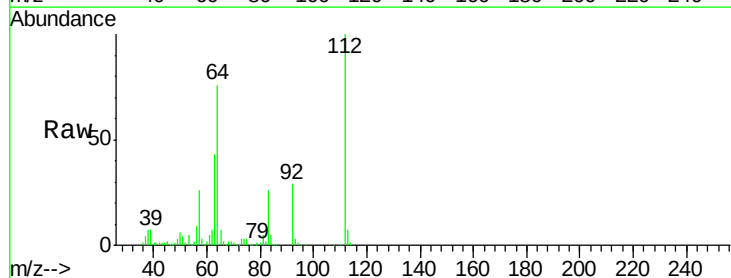
Instrument :
 BNA_G
 ClientSampleId :
 EO-03-033018-A

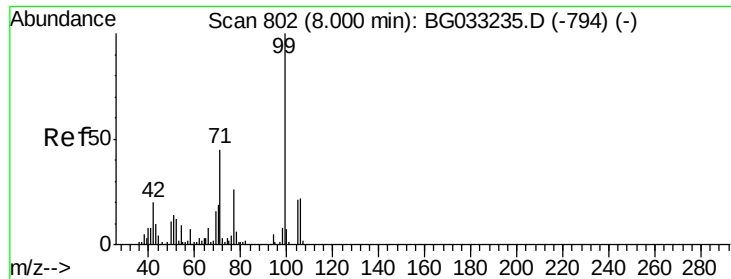
Tot Ion:152 Resp: 33448
 Ion Ratio Lower Upper
 152 100
 150 140.1 126.6 189.8
 115 51.9 53.0 79.4#



#5
 2-Fluorophenol
 Concen: 160.798 ng
 RT: 6.29 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BG033523.D
 Acq: 3 Apr 2018 13:28

Tgt Ion:112 Resp: 286828
 Ion Ratio Lower Upper
 112 100
 64 76.1 56.3 84.5
 63 42.5 30.1 45.1





#7

Phenol-d6

Concen: 126.104 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.01 min

Lab File: BG033523.D

Acq: 3 Apr 2018 13:28

Instrument :

BNA_G

ClientSampleId :

EO-03-033018-A

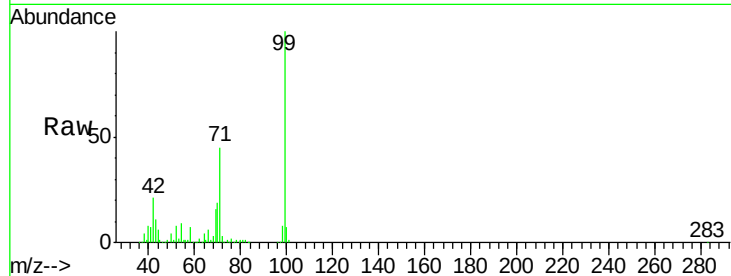
Tot Ion: 99 Resp: 386496

Ion Ratio Lower Upper

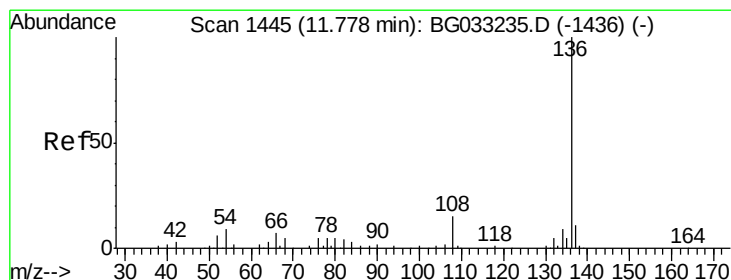
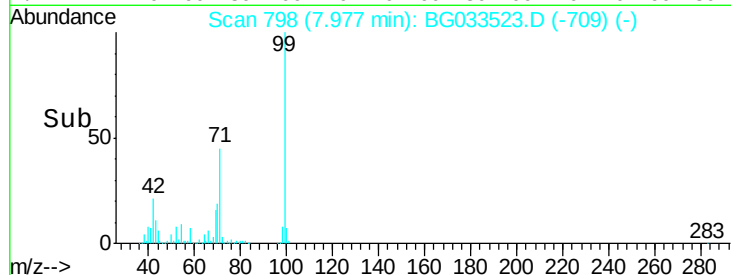
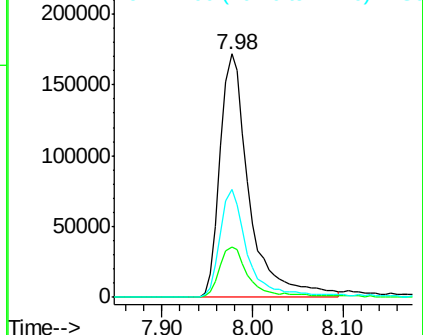
99 100

42 20.6 14.1 21.1

71 44.5 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: 11.74 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BG033523.D

Acq: 3 Apr 2018 13:28

Tgt Ion: 136 Resp: 137191

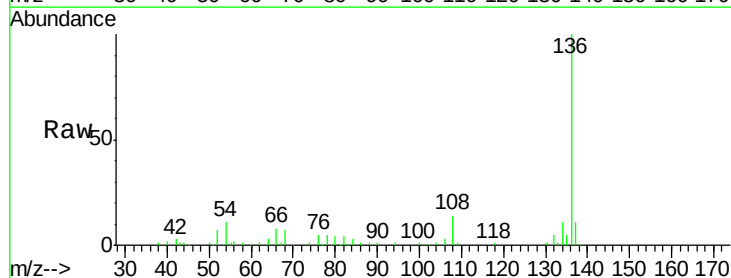
Ion Ratio Lower Upper

136 100

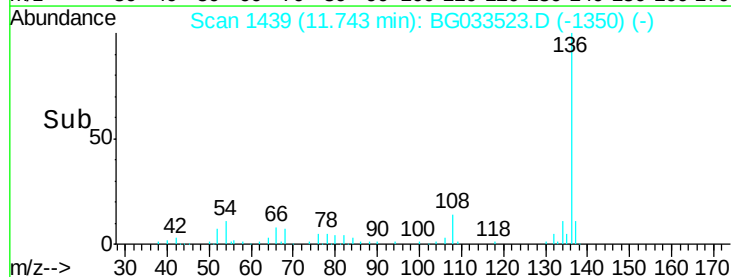
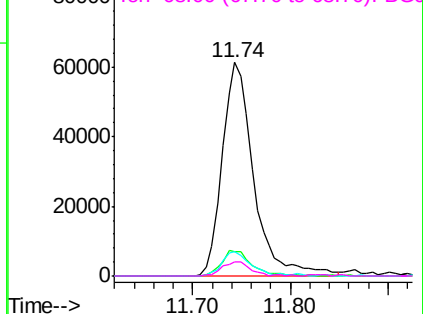
137 11.1 9.2 13.8

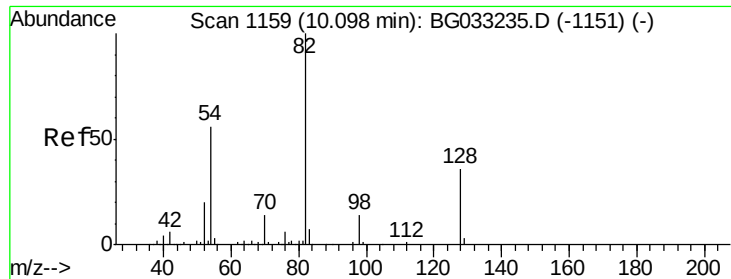
54 11.3 10.3 15.5

68 6.6 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

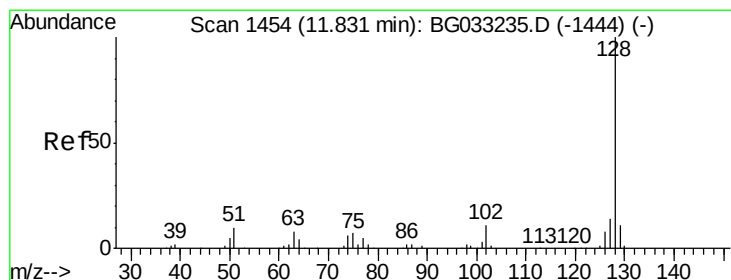
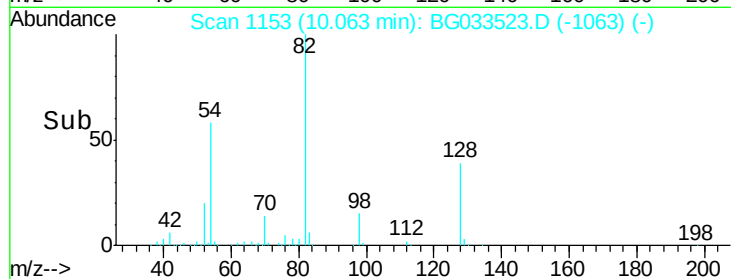
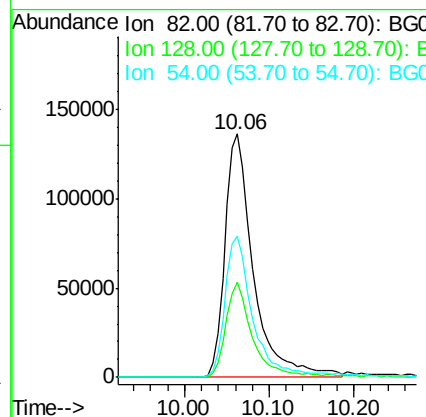
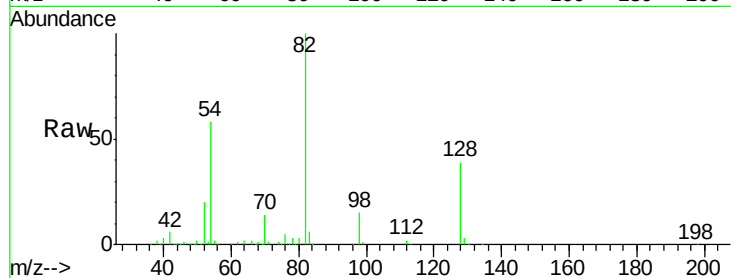




#23
Nitrobenzene-d5
Concen: 106.741 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BG033523.D
Acq: 3 Apr 2018 13:28

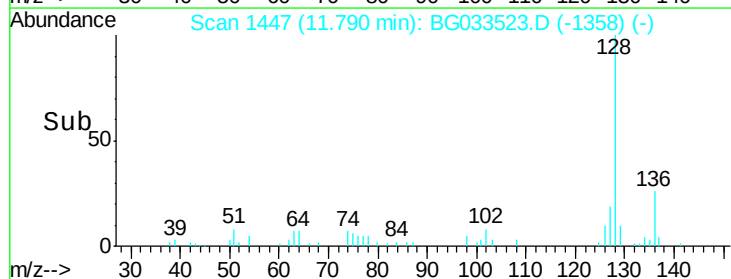
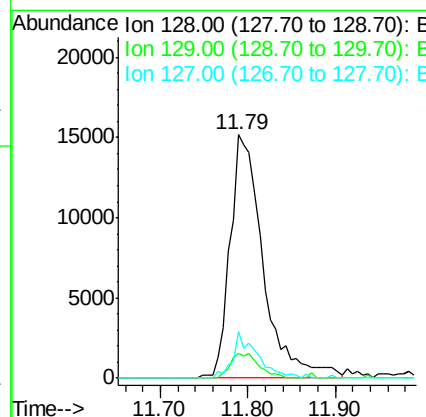
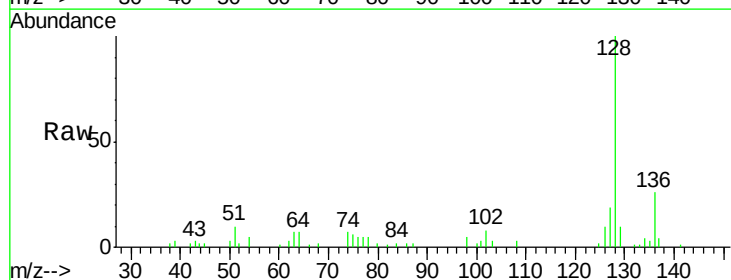
Instrument :
BNA_G
ClientSampleId :
EO-03-033018-A

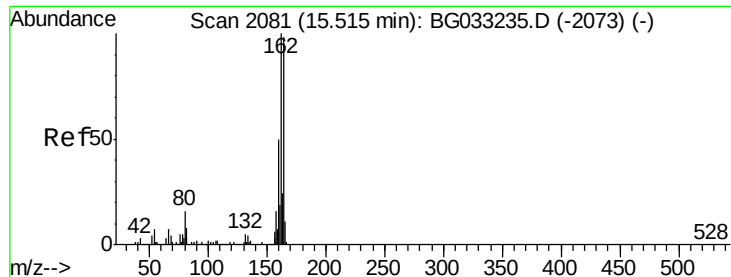
Tot Ion: 82 Resp: 318733
Ion Ratio Lower Upper
82 100
128 39.0 29.7 44.5
54 58.0 43.1 64.7



#31
Naphthalene
Concen: 5.523 ng
RT: 11.79 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BG033523.D
Acq: 3 Apr 2018 13:28

Tgt Ion: 128 Resp: 39261
Ion Ratio Lower Upper
128 100
129 10.4 8.6 12.8
127 18.8 11.6 17.4#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BG033523.D

Acq: 3 Apr 2018 13:28

Instrument :

BNA_G

ClientSampleId :

EO-03-033018-A

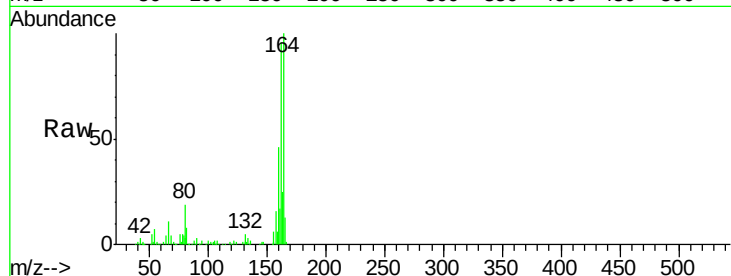
Tot Ion:164 Resp: 114765

Ion Ratio Lower Upper

164 100

162 96.2 78.8 118.2

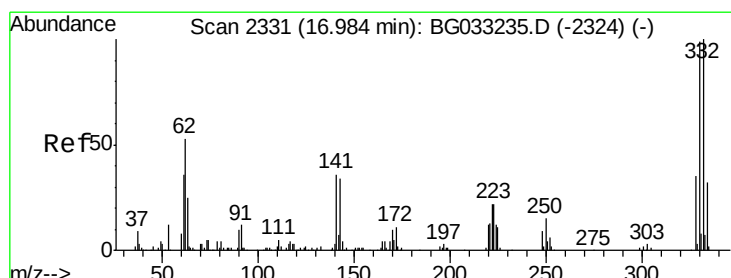
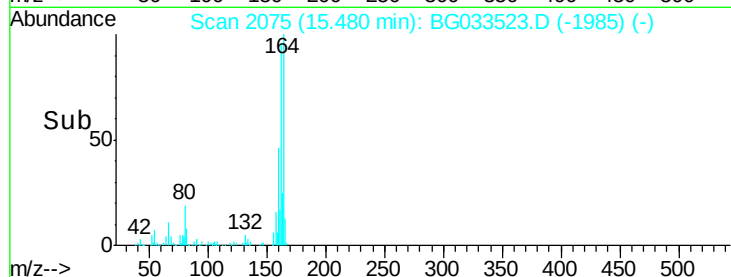
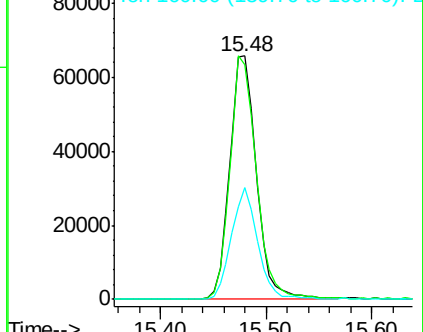
160 45.9 35.4 53.0



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: 147.513 ng

RT: 16.95 min Scan# 2326

Delta R.T. 0.00 min

Lab File: BG033523.D

Acq: 3 Apr 2018 13:28

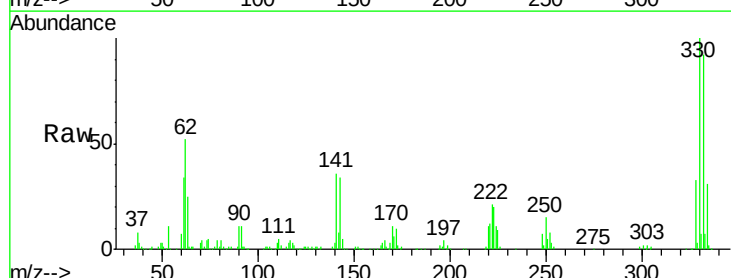
Tgt Ion:330 Resp: 253198

Ion Ratio Lower Upper

330 100

332 93.2 77.0 115.6

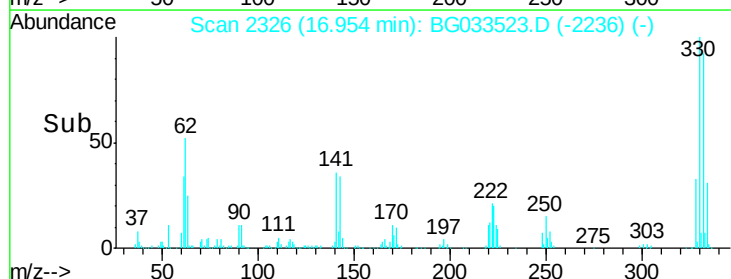
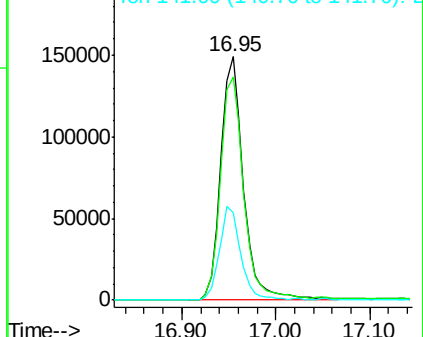
141 35.9 25.2 37.8

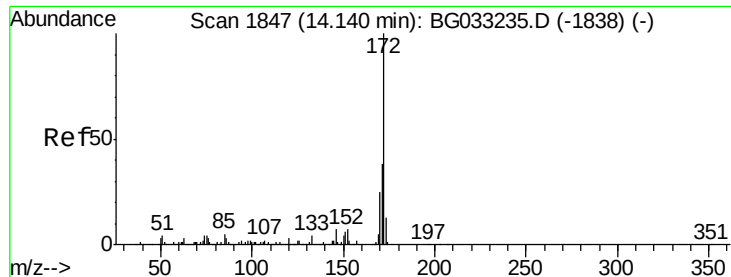


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

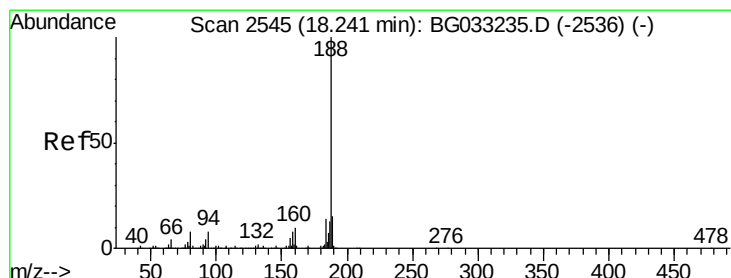
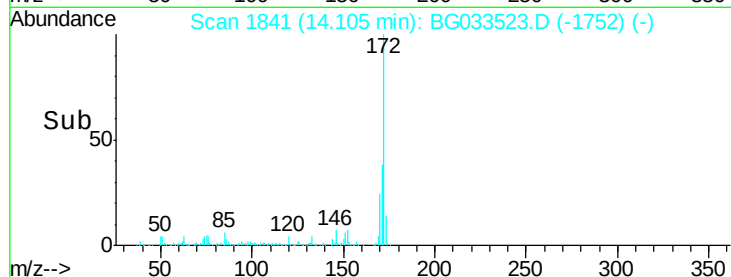
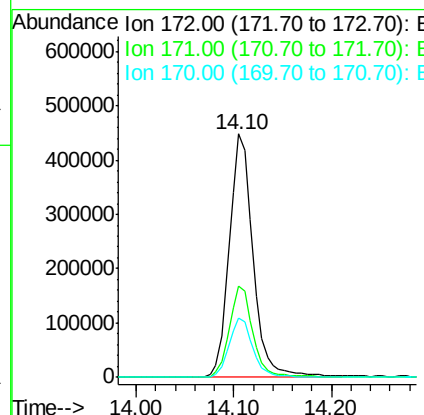
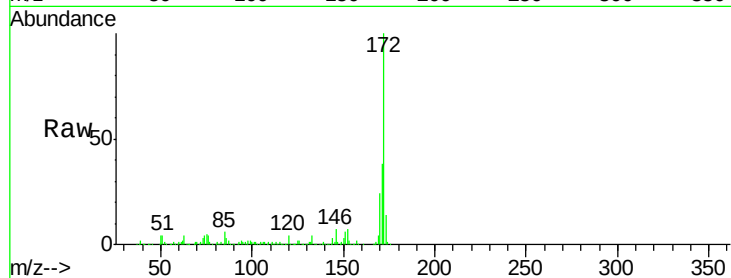




#44
2-Fluorobiphenyl
Concen: 95.856 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BG033523.D
Acq: 3 Apr 2018 13:28

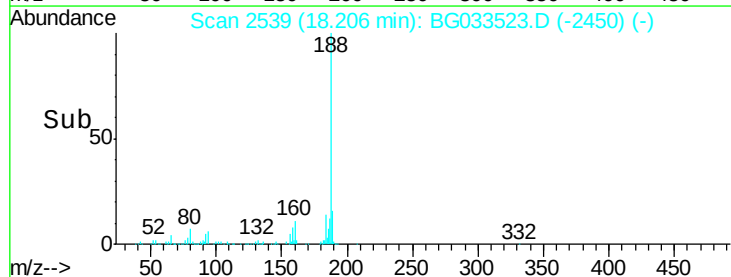
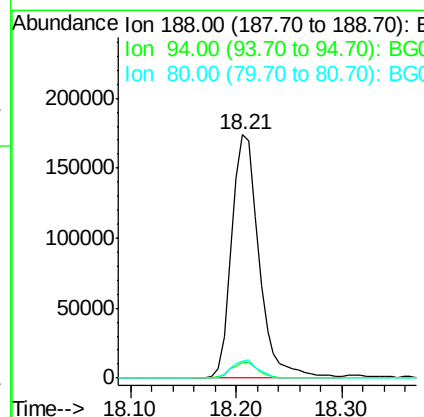
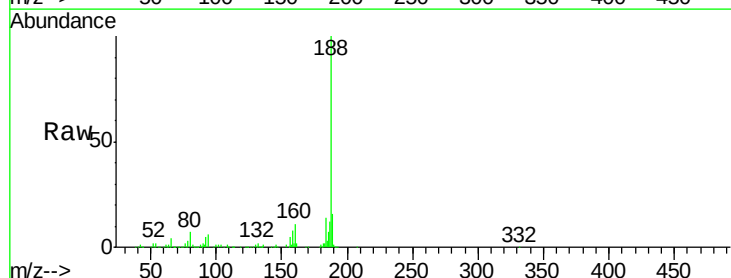
Instrument :
BNA_G
ClientSampleId :
EO-03-033018-A

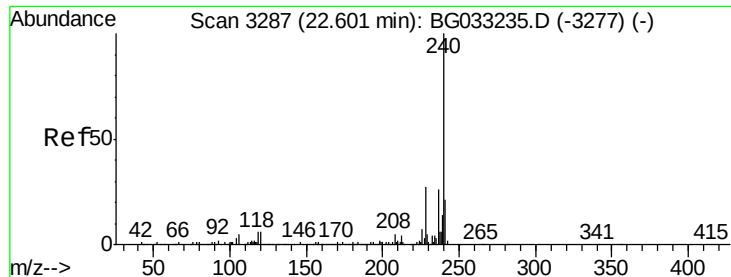
Tot Ion:172 Resp: 762031
Ion Ratio Lower Upper
172 100
171 37.6 30.0 45.0
170 24.2 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033523.D
Acq: 3 Apr 2018 13:28

Tgt Ion:188 Resp: 312571
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 7.3 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. 0.00 min

Lab File: BG033523.D

Acq: 3 Apr 2018 13:28

Instrument :

BNA_G

ClientSampleId :

EO-03-033018-A

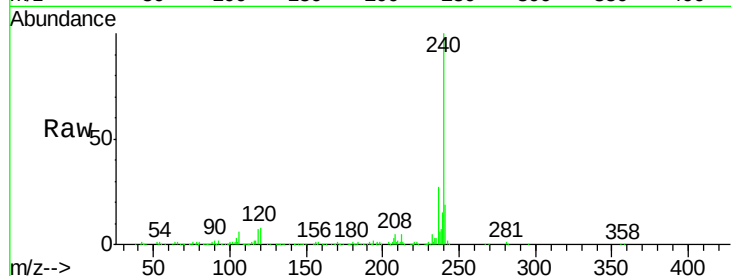
Tot Ion:240 Resp: 328682

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

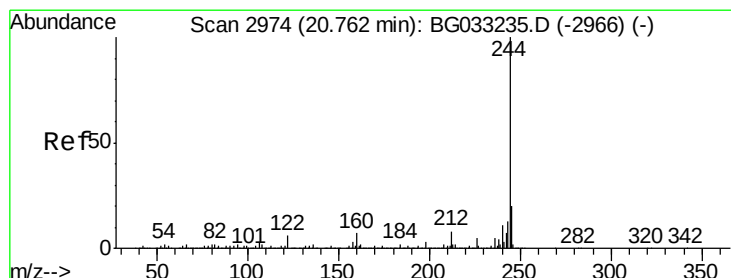
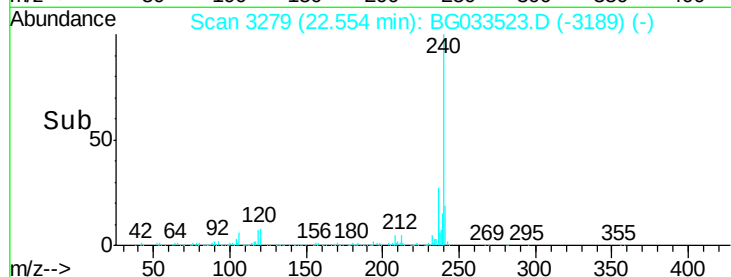
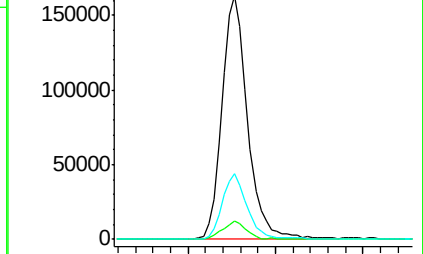
236 26.8 20.9 31.3



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: 103.469 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.00 min

Lab File: BG033523.D

Acq: 3 Apr 2018 13:28

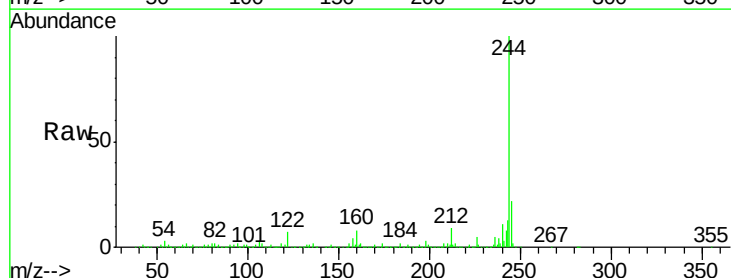
Tgt Ion:244 Resp: 1590213

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

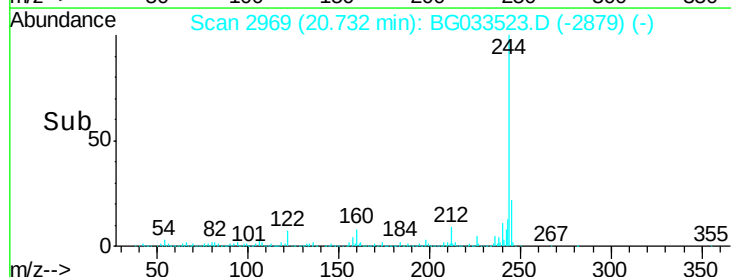
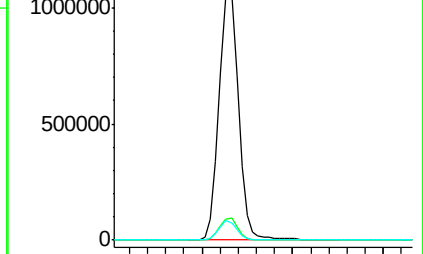
122 7.2 7.0 10.4

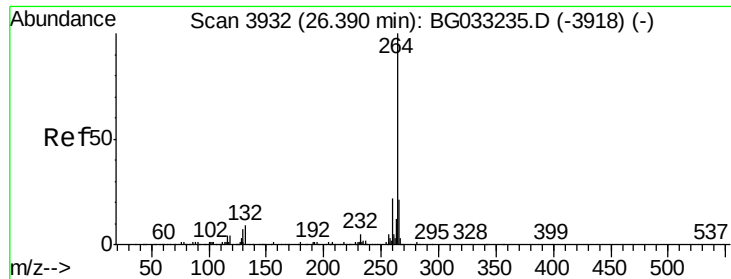


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3919
 Delta R.T. -0.01 min
 Lab File: BG033523.D
 Acq: 3 Apr 2018 13:28

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	26.0	17.4	26.0
265	23.3	17.7	26.5

