

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
 Data File : BG033179.D
 Acq On : 15 Mar 2018 16:37
 Operator : SJ/JU
 Sample : J1757-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-031418-A

Quant Time: Mar 16 05:25:30 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	38598	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	164351	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	95497	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	232874	20.00	ng	0.00
75) Chrysene-d12	22.60	240	231508	20.00	ng	0.00
86) Perylene-d12	26.40	264	255137	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	329973	136.77	ng	0.00
7) Phenol-d6	8.01	99	390560	116.14	ng	0.00
23) Nitrobenzene-d5	10.10	82	302288	122.66	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	229071	228.13	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	668891	101.02	ng	0.00
78) Terphenyl-d14	20.77	244	1137403	110.38	ng	0.00

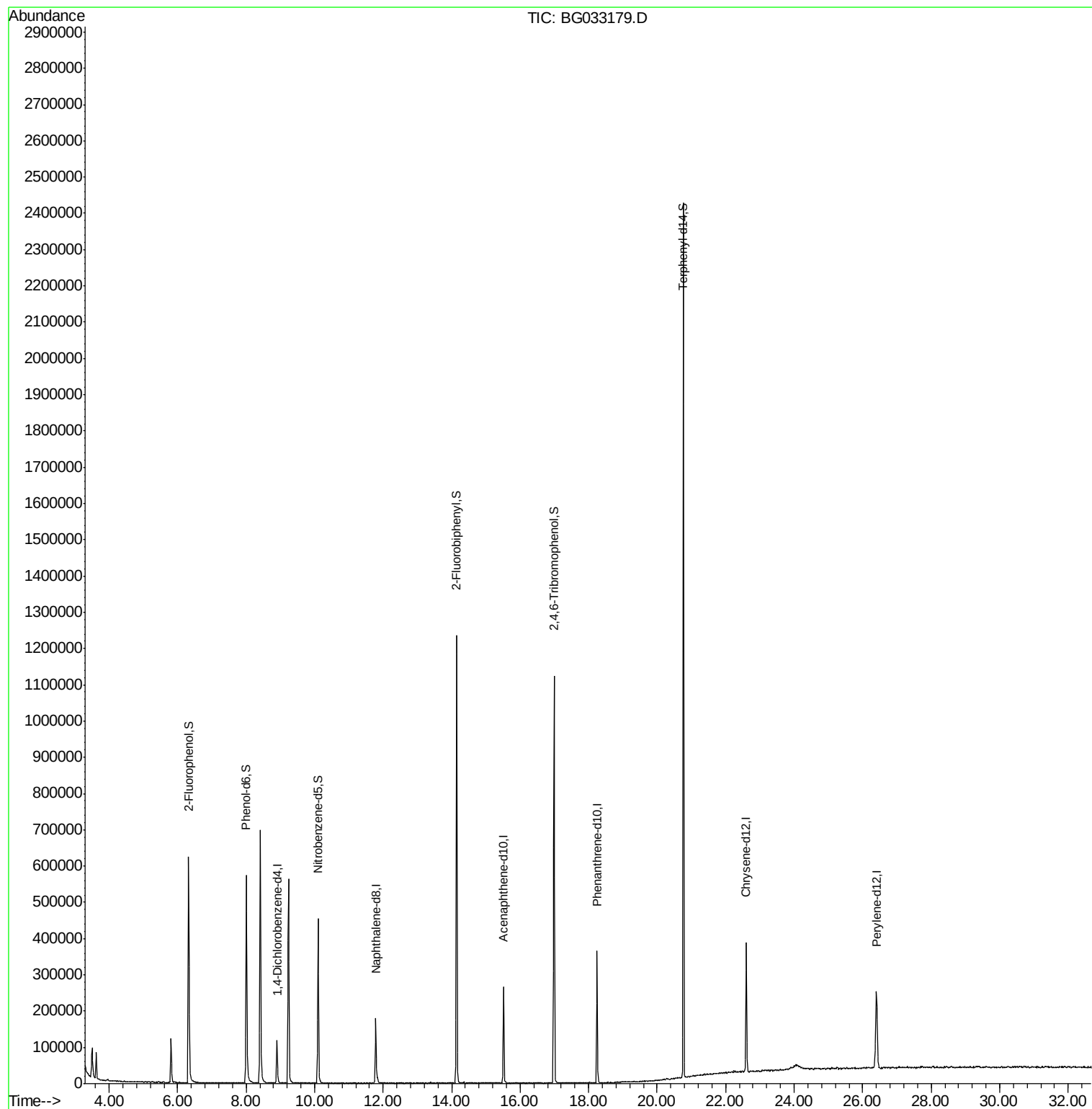
Target Compounds Qvalue

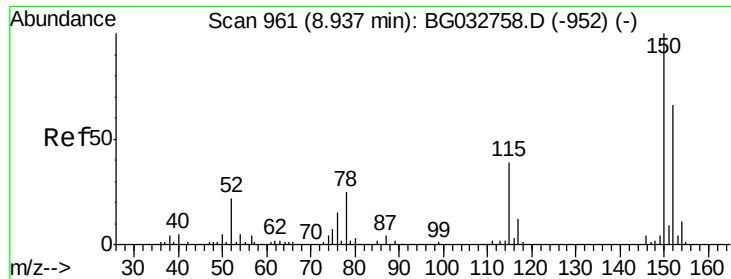
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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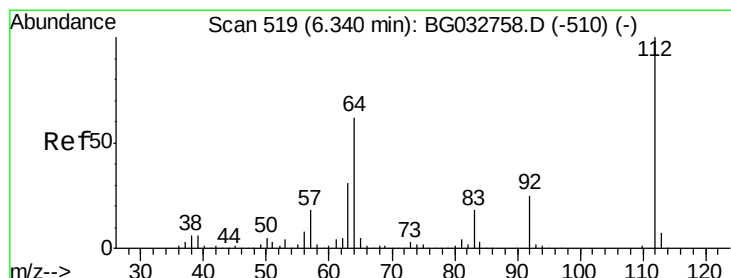
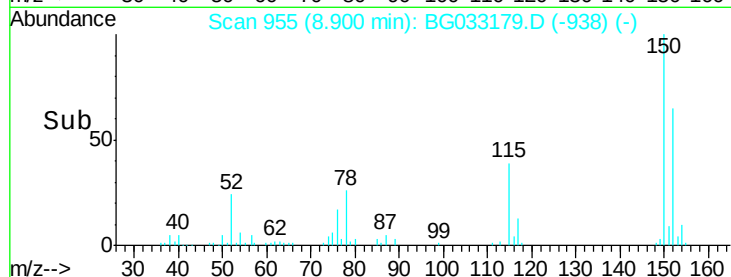
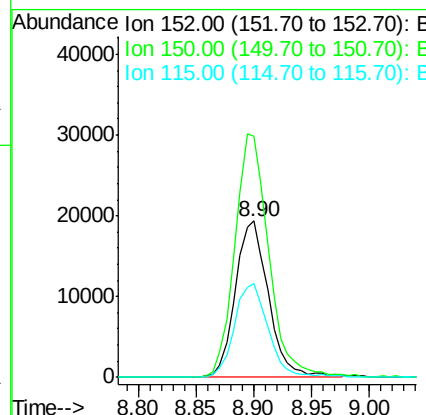
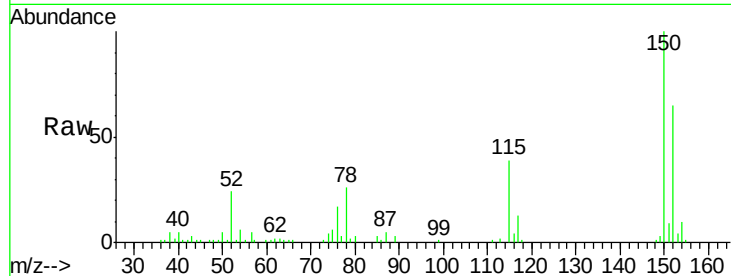


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033179.D
Acq: 15 Mar 2018 16:37

Instrument :
BNA_G
ClientSampleId :
EO-01-031418-A

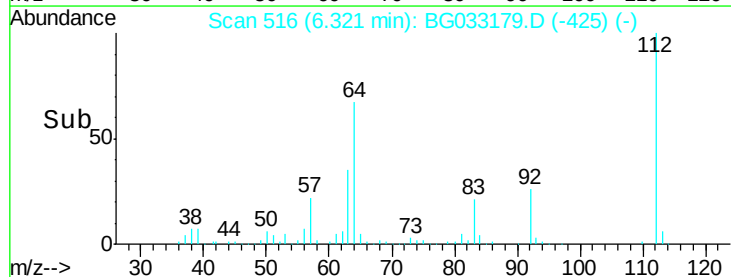
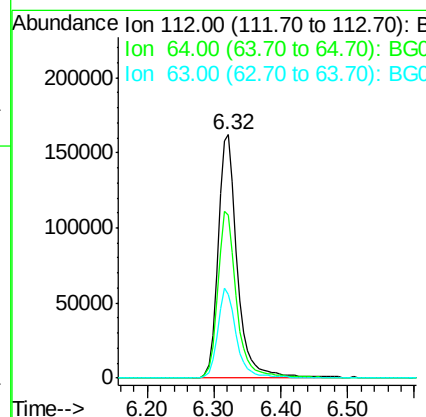
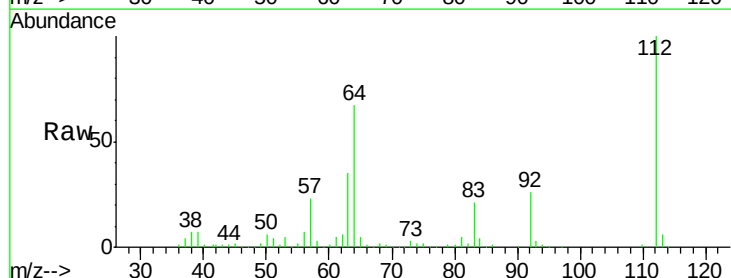
Tot Ion:152 Resp: 38598
Ion Ratio Lower Upper
152 100
150 154.4 126.6 189.8
115 60.6 53.0 79.4

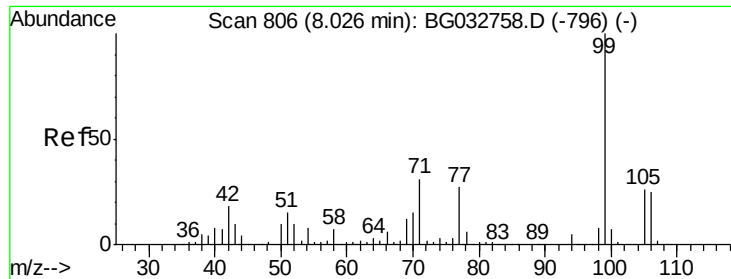


#5

2-Fluorophenol
Concen: 136.771 ng
RT: 6.32 min Scan# 516
Delta R.T. 0.00 min
Lab File: BG033179.D
Acq: 15 Mar 2018 16:37

Tgt Ion:112 Resp: 329973
Ion Ratio Lower Upper
112 100
64 66.9 56.3 84.5
63 34.6 30.1 45.1





#7

Phenol-d6

Concen: 116.141 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033179.D

Acq: 15 Mar 2018 16:37

Instrument :

BNA_G

ClientSampleId :

EO-01-031418-A

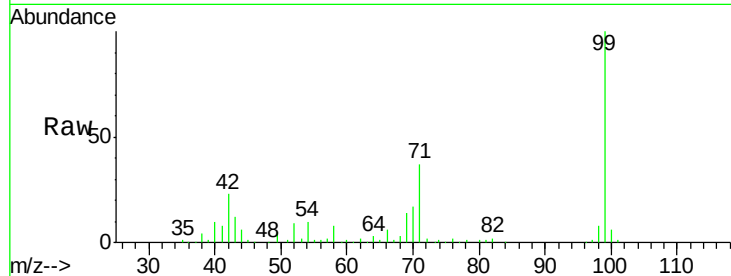
Tot Ion: 99 Resp: 390560

Ion Ratio Lower Upper

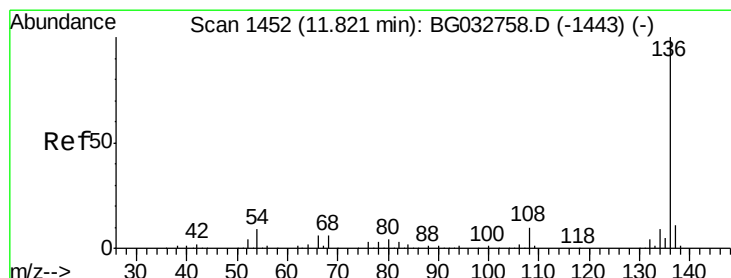
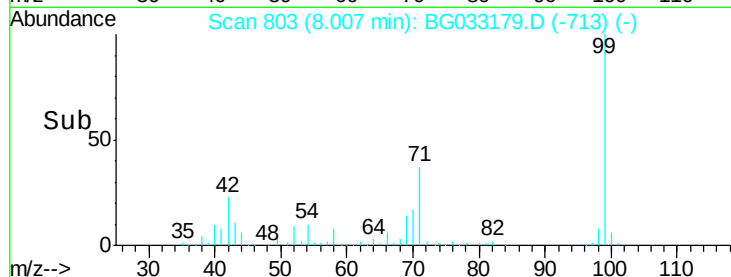
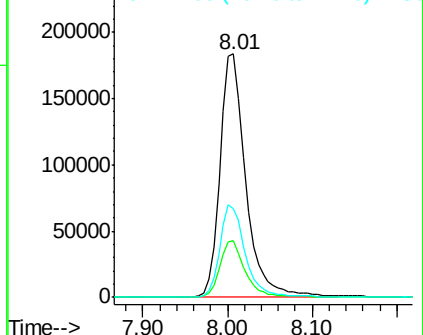
99 100

42 23.0 14.1 21.1#

71 36.6 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: 11.78 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BG033179.D

Acq: 15 Mar 2018 16:37

Tgt Ion: 136 Resp: 164351

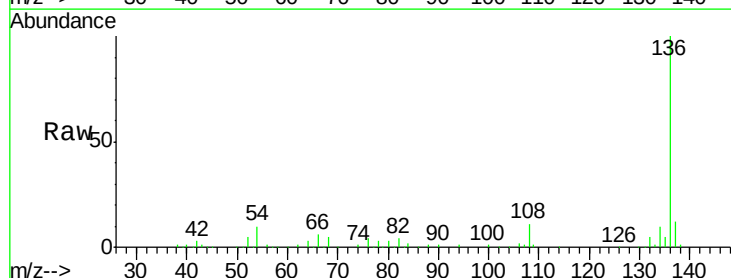
Ion Ratio Lower Upper

136 100

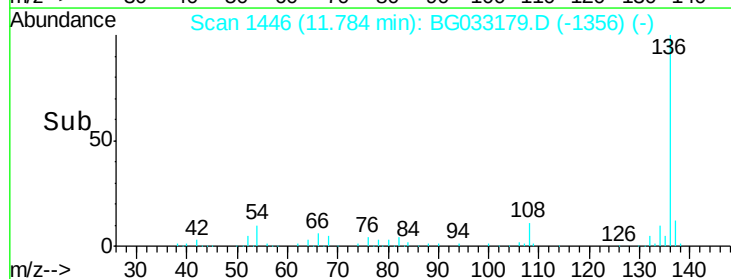
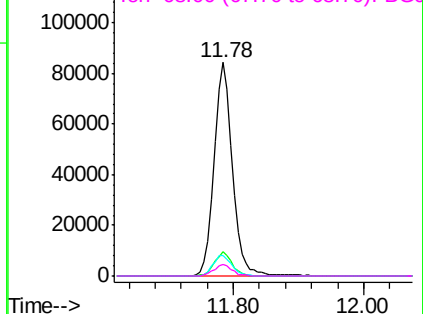
137 11.5 9.2 13.8

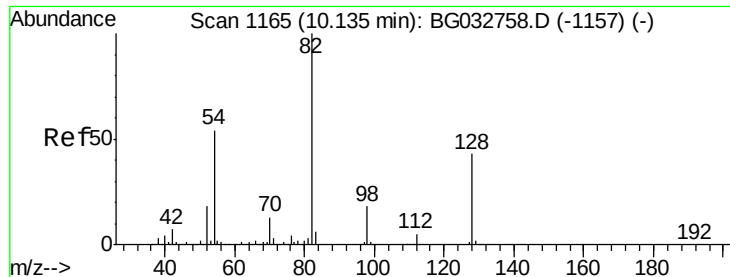
54 9.9 10.3 15.5#

68 5.3 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: 122.665 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BG033179.D

Acq: 15 Mar 2018 16:37

Instrument :

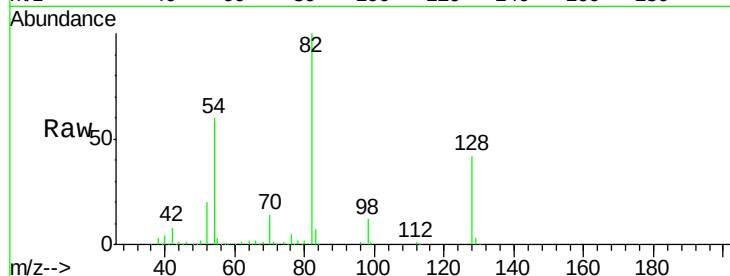
BNA_G

ClientSampleId :

EO-01-031418-A

Tot Ion: 82 Resp: 302288

Ion	Ratio	Lower	Upper
82	100		
128	42.4	29.7	44.5
54	59.8	43.1	64.7

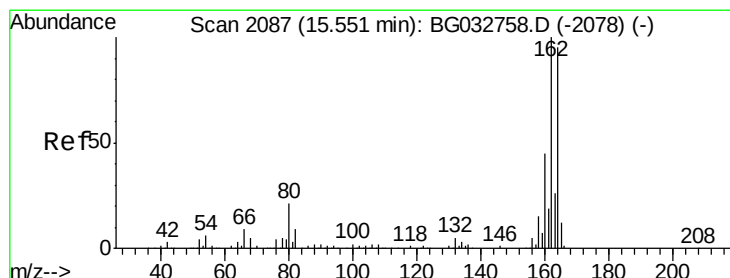
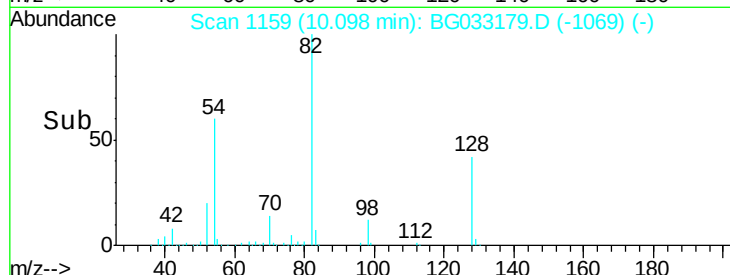
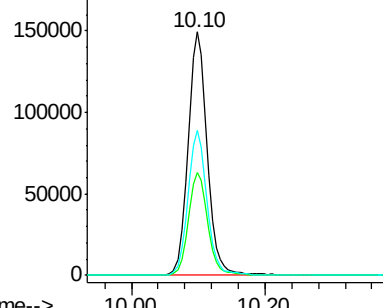


Abundance

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: 15.51 min Scan# 2081

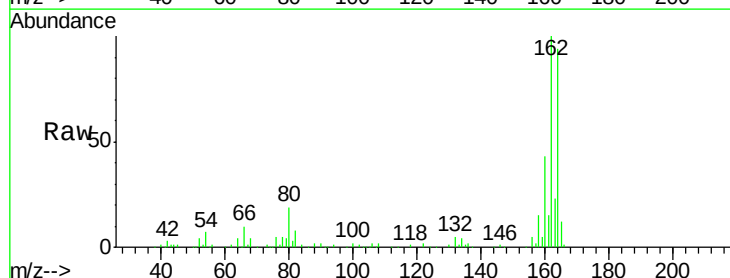
Delta R.T. -0.00 min

Lab File: BG033179.D

Acq: 15 Mar 2018 16:37

Tgt Ion: 164 Resp: 95497

Ion	Ratio	Lower	Upper
164	100		
162	106.9	78.8	118.2
160	46.2	35.4	53.0

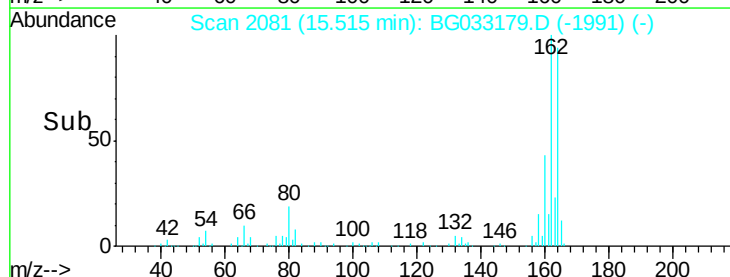
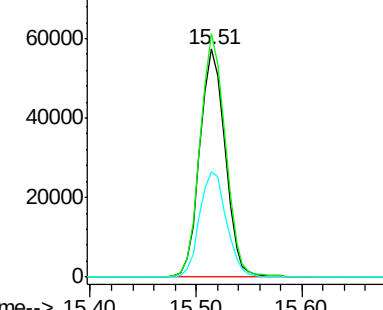


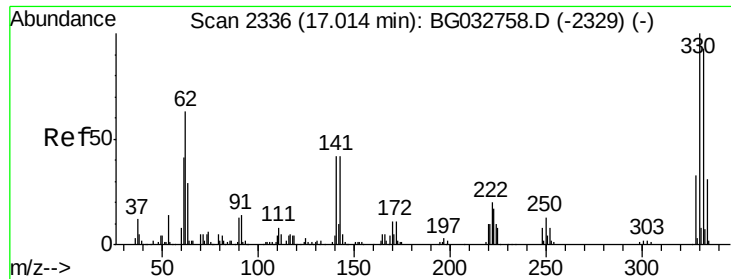
Abundance

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

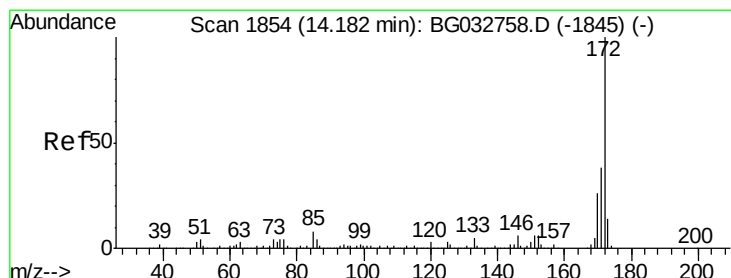
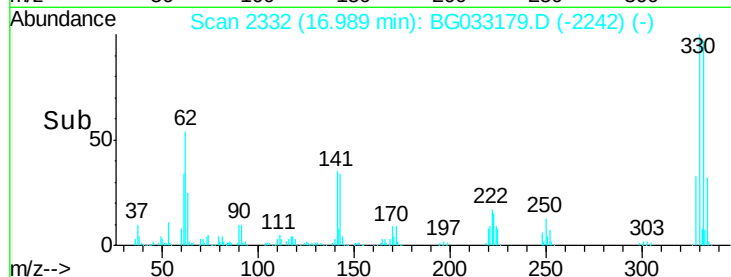
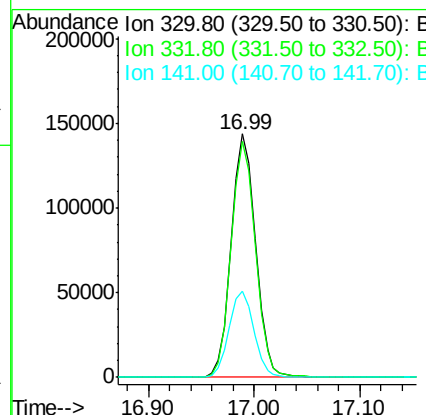
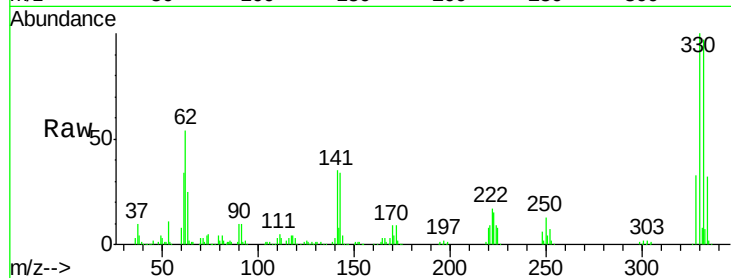




#41
 2,4,6-Tribromophenol
 Concen: 228.132 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. -0.00 min
 Lab File: BG033179.D
 Acq: 15 Mar 2018 16:37

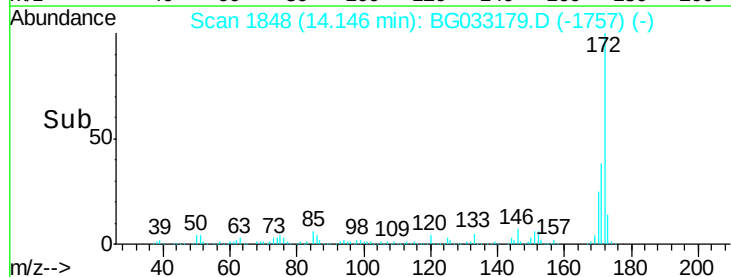
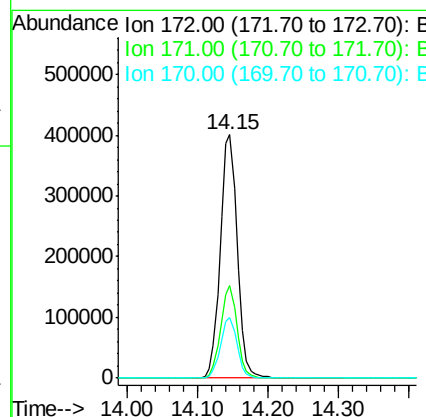
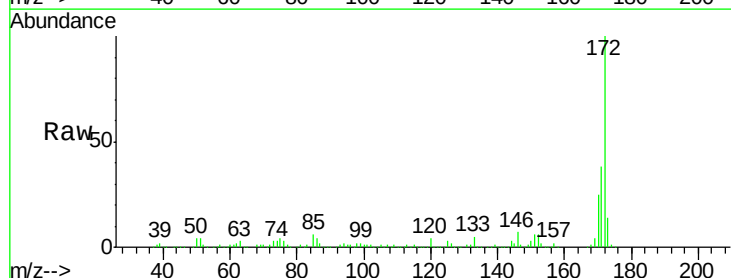
Instrument :
 BNA_G
 ClientSampleId :
 EO-01-031418-A

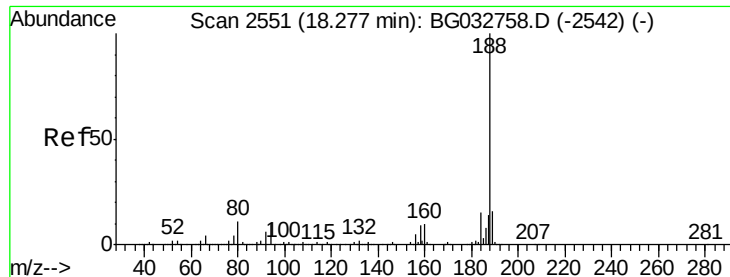
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	36.4	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 101.020 ng
 RT: 14.15 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033179.D
 Acq: 15 Mar 2018 16:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	24.8	19.5	29.3

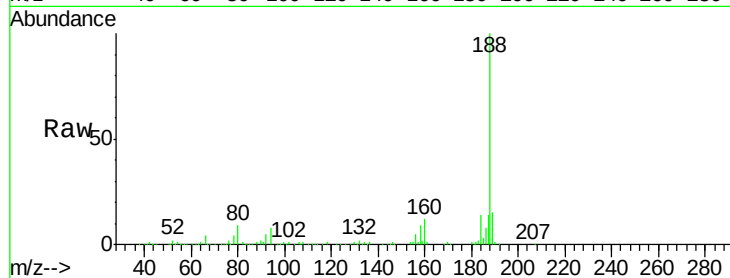




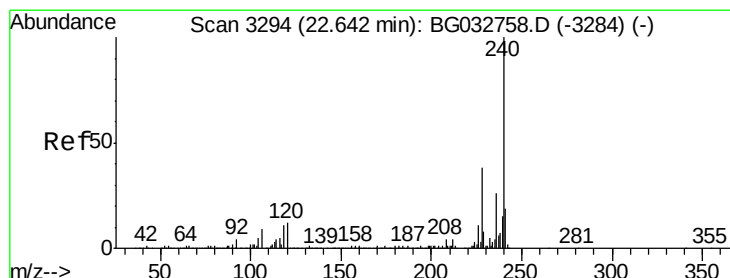
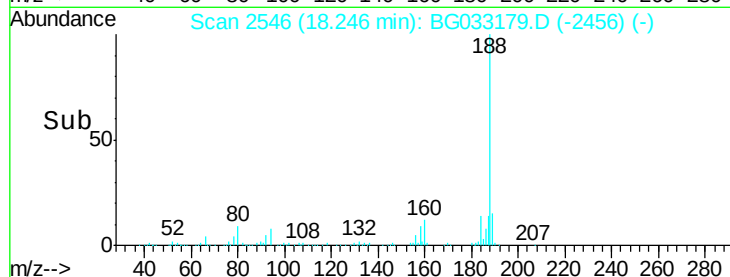
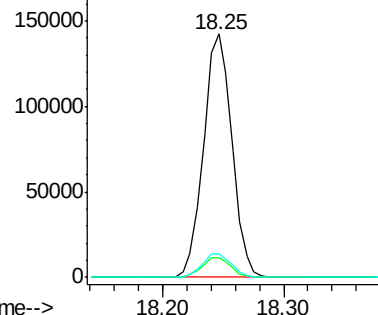
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2546
Delta R.T. -0.00 min
Lab File: BG033179.D
Acq: 15 Mar 2018 16:37

Instrument :
BNA_G
ClientSampleId :
EO-01-031418-A

Tot Ion:188 Resp: 232874
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 9.4 7.7 11.5

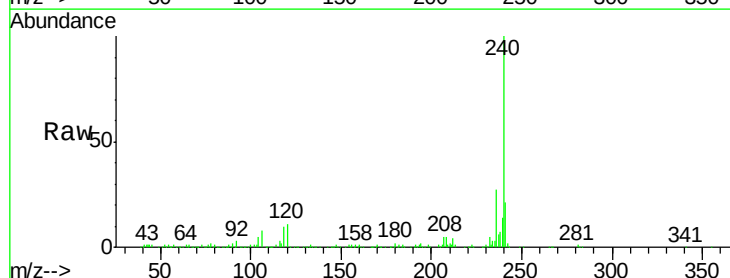


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

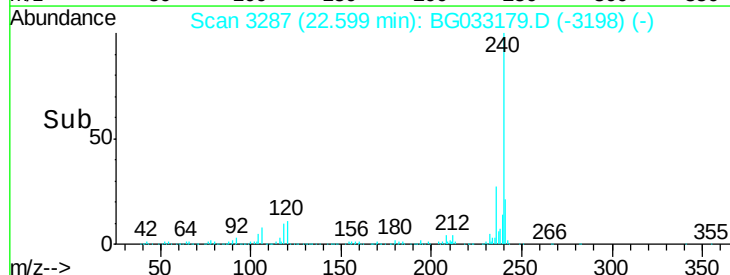
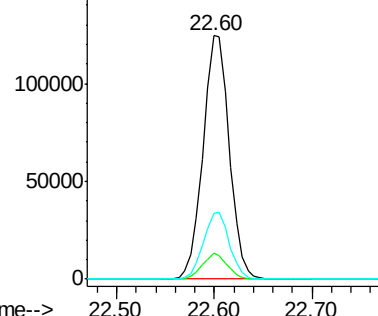


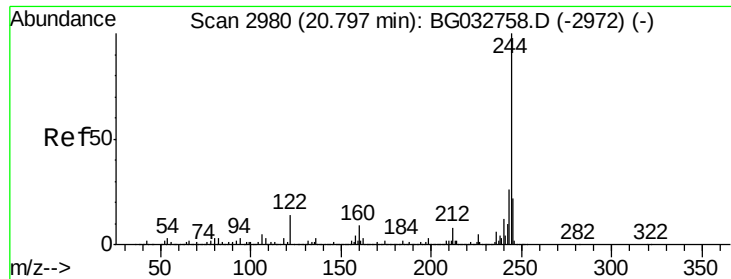
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3287
Delta R.T. -0.01 min
Lab File: BG033179.D
Acq: 15 Mar 2018 16:37

Tgt Ion:240 Resp: 231508
Ion Ratio Lower Upper
240 100
120 10.7 6.8 10.2#
236 26.9 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: 110.382 ng

RT: 20.77 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BG033179.D

Acq: 15 Mar 2018 16:37

Instrument :

BNA_G

ClientSampleId :

EO-01-031418-A

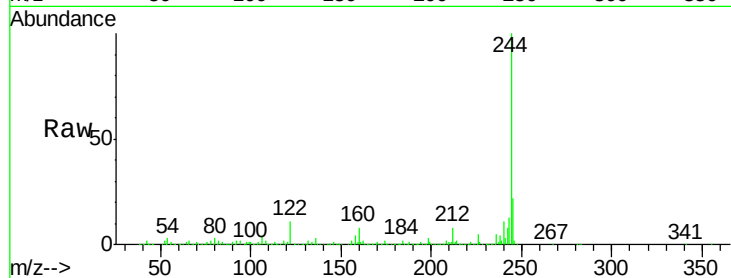
Tot Ion:244 Resp: 1137403

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

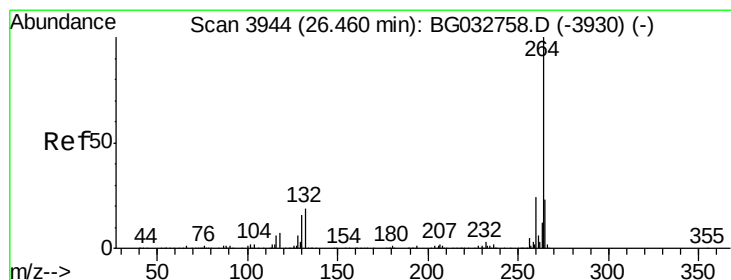
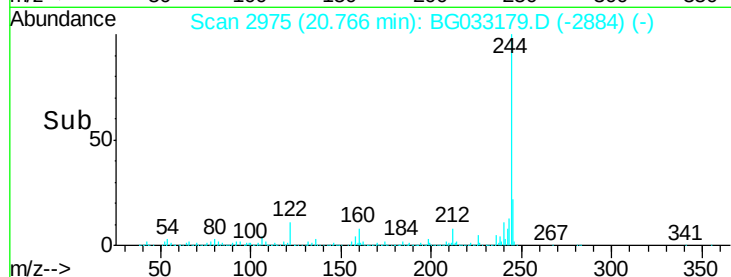
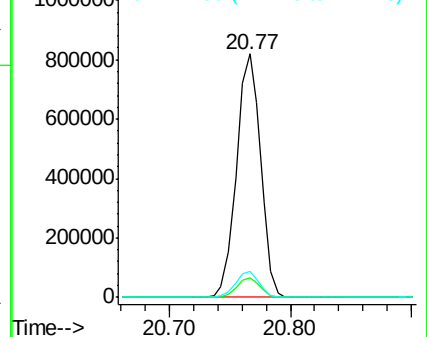
122 10.9 7.0 10.4



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: 26.40 min Scan# 3934

Delta R.T. -0.01 min

Lab File: BG033179.D

Acq: 15 Mar 2018 16:37

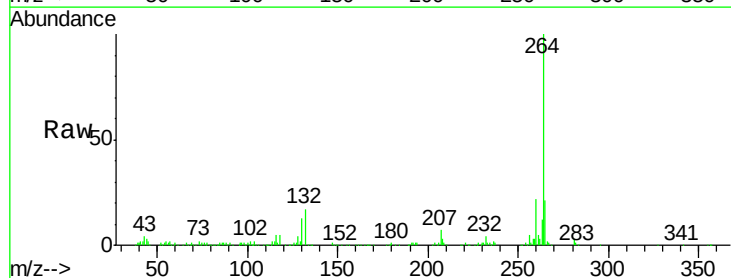
Tgt Ion:264 Resp: 255137

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

265 21.4 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

