

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
 Data File : BG033431.D
 Acq On : 29 Mar 2018 22:05
 Operator : SJ/JU
 Sample : J2085-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WO-RO-1499

Quant Time: Mar 30 08:02:01 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

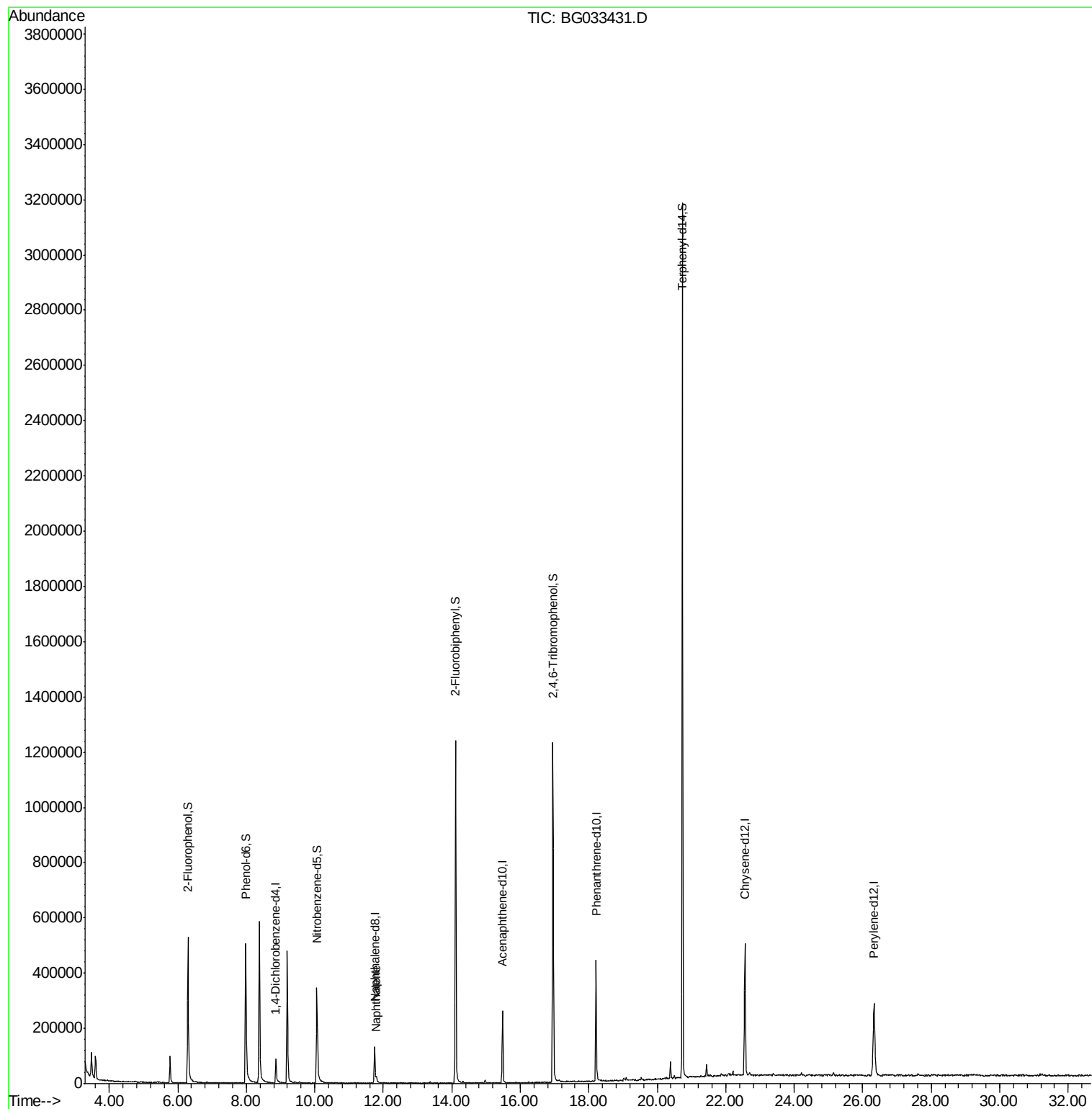
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	30851	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	128151	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	104254	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	315892	20.00	ng	0.00
75) Chrysene-d12	22.56	240	344493	20.00	ng	0.00
86) Perylene-d12	26.33	264	375572	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	267920	162.84	ng	0.00
7) Phenol-d6	7.98	99	362120	128.10	ng	0.00
23) Nitrobenzene-d5	10.06	82	286555	102.73	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	259638	166.52	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	701654	97.16	ng	0.00
78) Terphenyl-d14	20.73	244	1593603	98.93	ng	0.00
Target Compounds						
31) Naphthalene	11.80	128	19499	2.936	ng	Qvalue 97

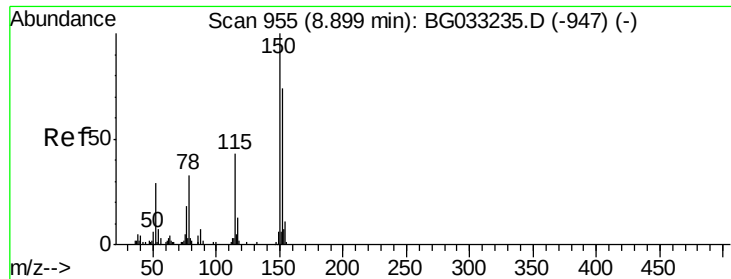
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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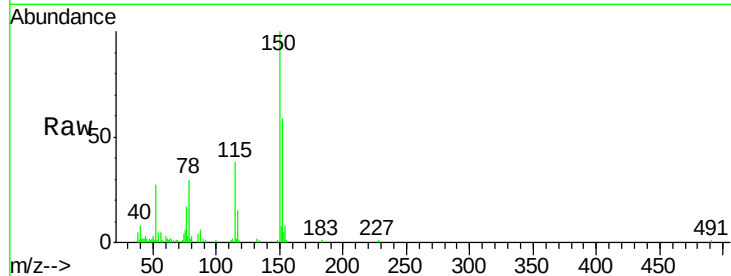


#1

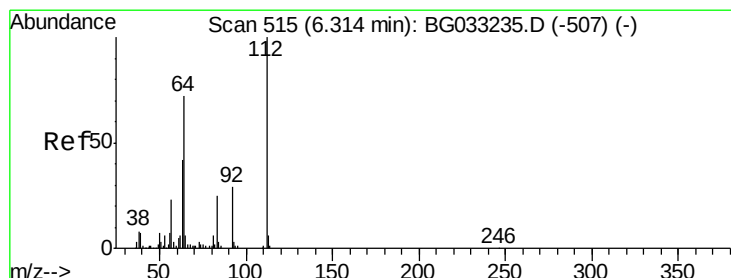
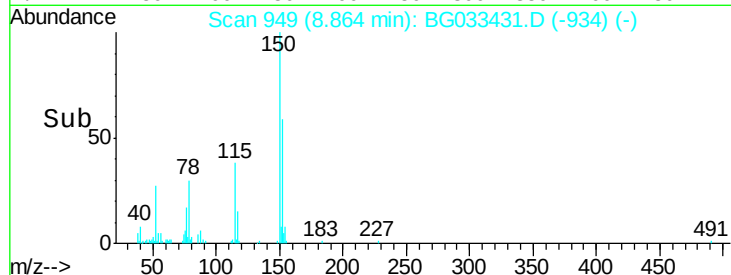
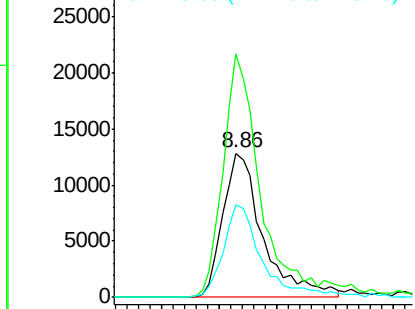
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033431.D
Acq: 29 Mar 2018 22:05

Instrument :
BNA_G
ClientSampleId :
WO-RO-1499

Tot Ion:152 Resp: 30851
Ion Ratio Lower Upper
152 100
150 168.7 126.6 189.8
115 64.5 53.0 79.4



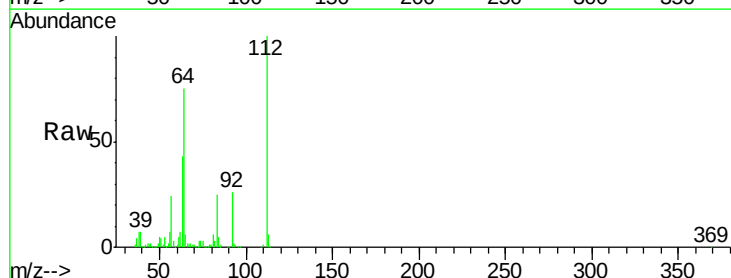
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



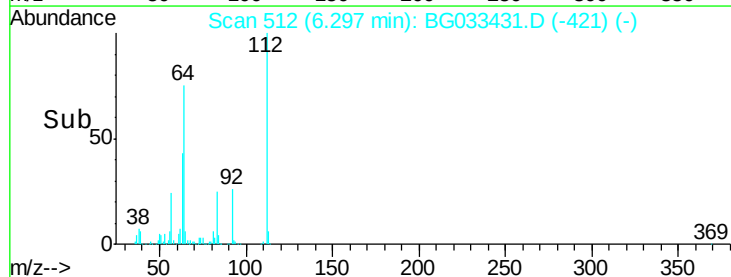
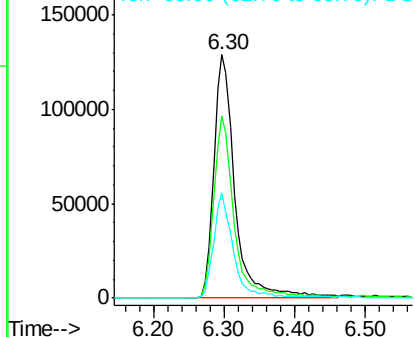
#5

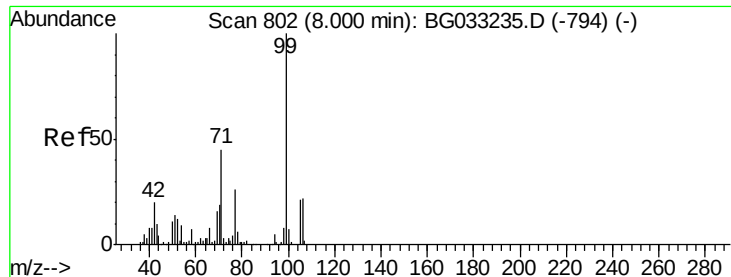
2-Fluorophenol
Concen: 162.841 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033431.D
Acq: 29 Mar 2018 22:05

Tgt Ion:112 Resp: 267920
Ion Ratio Lower Upper
112 100
64 74.7 56.3 84.5
63 43.1 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: 128.097 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033431.D

Acq: 29 Mar 2018 22:05

Instrument :

BNA_G

ClientSampleId :

WO-RO-1499

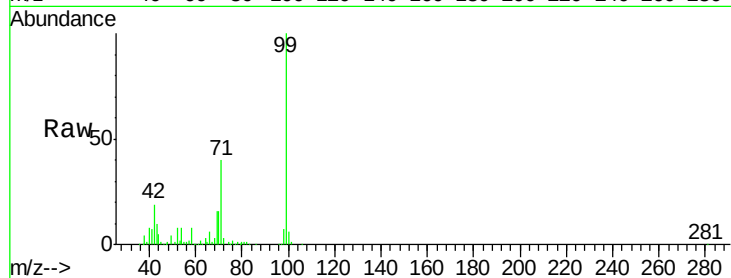
Tot Ion: 99 Resp: 362120

Ion Ratio Lower Upper

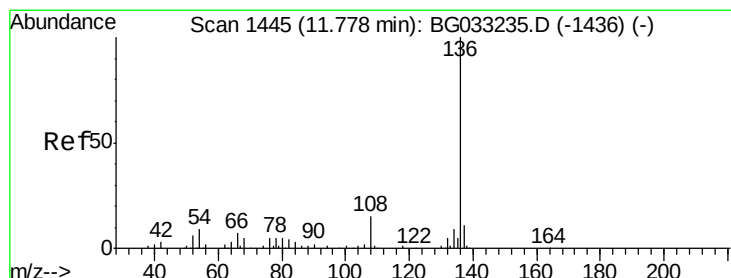
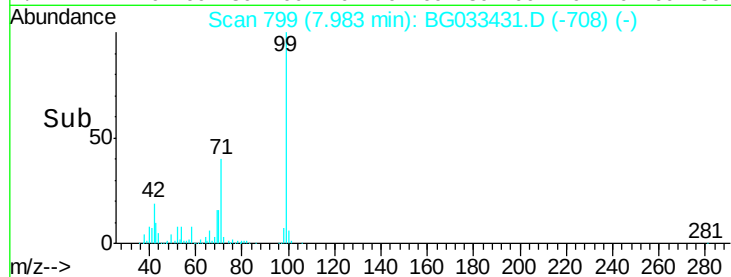
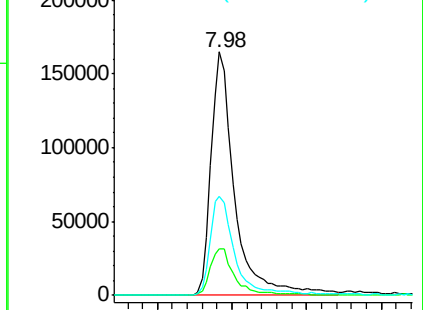
99 100

42 19.3 14.1 21.1

71 40.5 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: 11.75 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BG033431.D

Acq: 29 Mar 2018 22:05

Tgt Ion: 136 Resp: 128151

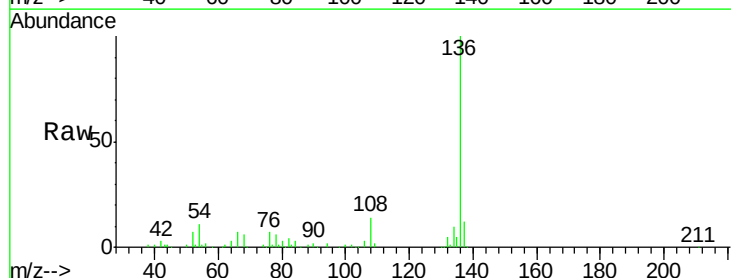
Ion Ratio Lower Upper

136 100

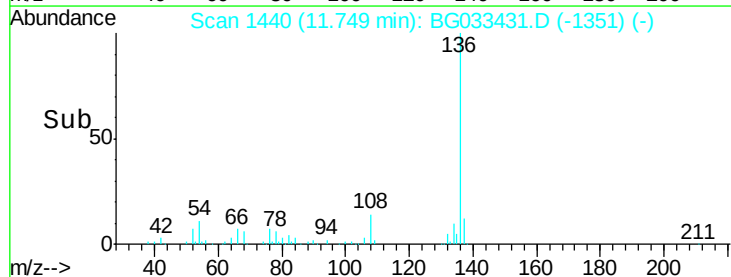
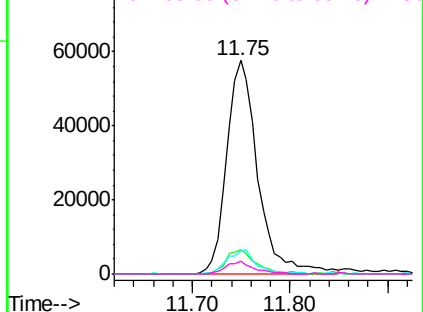
137 11.7 9.2 13.8

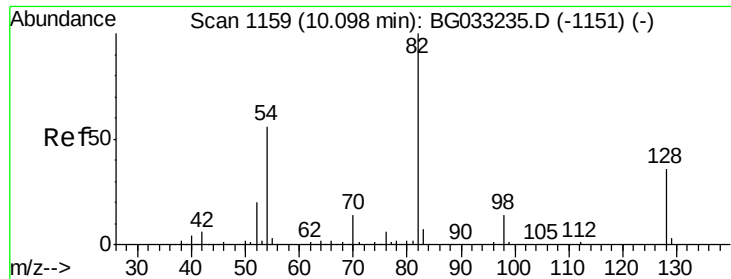
54 10.9 10.3 15.5

68 6.1 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: 102.734 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG033431.D

Acq: 29 Mar 2018 22:05

Instrument :

BNA_G

ClientSampleId :

WO-RO-1499

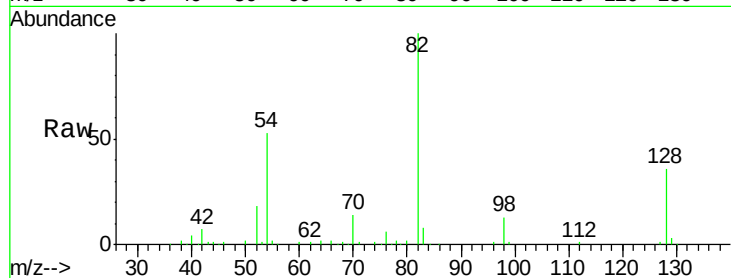
Tot Ion: 82 Resp: 286555

Ion Ratio Lower Upper

82 100

128 36.5 29.7 44.5

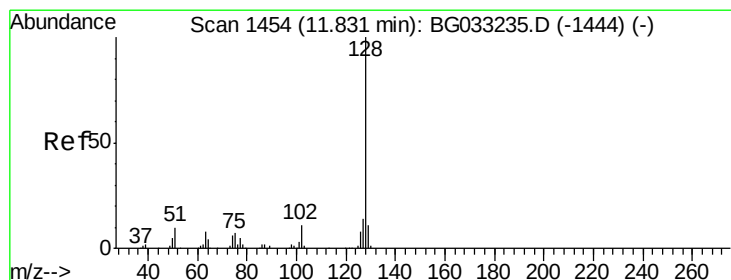
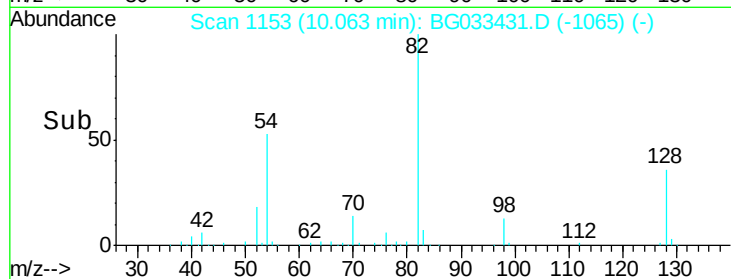
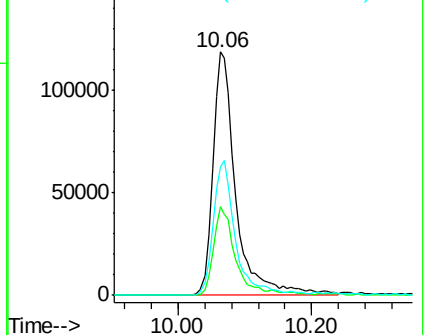
54 52.9 43.1 64.7



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



#31

Naphthalene

Concen: 2.936 ng

RT: 11.80 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BG033431.D

Acq: 29 Mar 2018 22:05

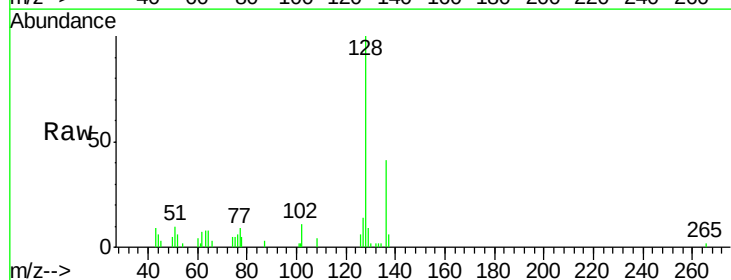
Tgt Ion:128 Resp: 19499

Ion Ratio Lower Upper

128 100

129 9.3 8.6 12.8

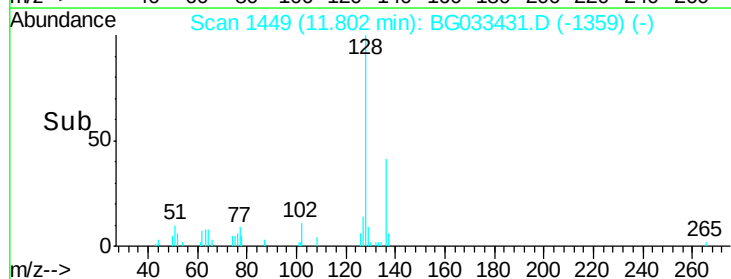
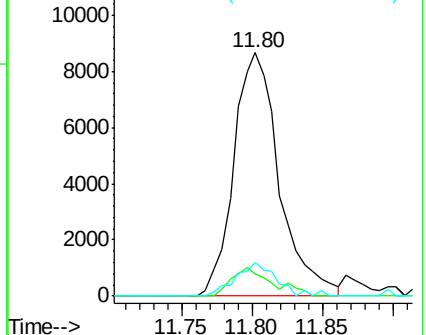
127 13.7 11.6 17.4

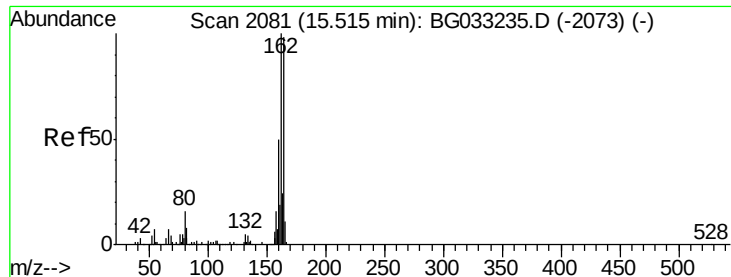


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG033431.D

Acq: 29 Mar 2018 22:05

Instrument :

BNA_G

ClientSampleId :

WO-RO-1499

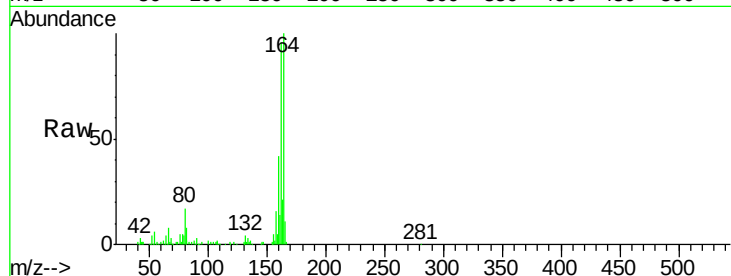
Tot Ion:164 Resp: 104254

Ion Ratio Lower Upper

164 100

162 95.7 78.8 118.2

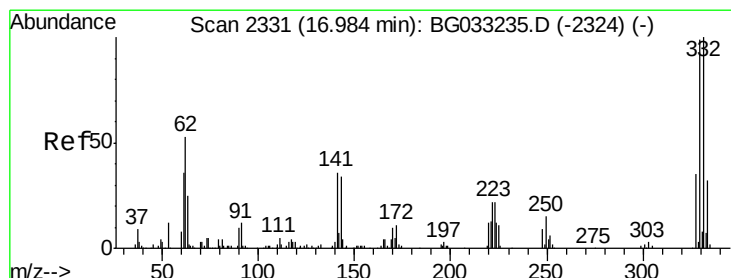
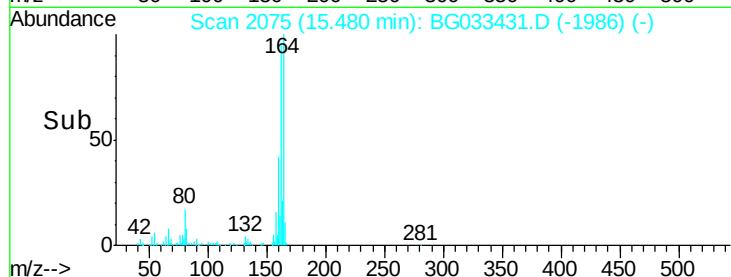
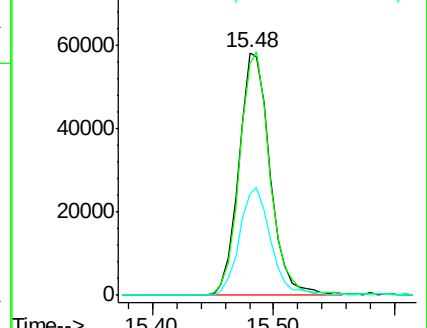
160 41.7 35.4 53.0



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: 166.516 ng

RT: 16.96 min Scan# 2327

Delta R.T. 0.00 min

Lab File: BG033431.D

Acq: 29 Mar 2018 22:05

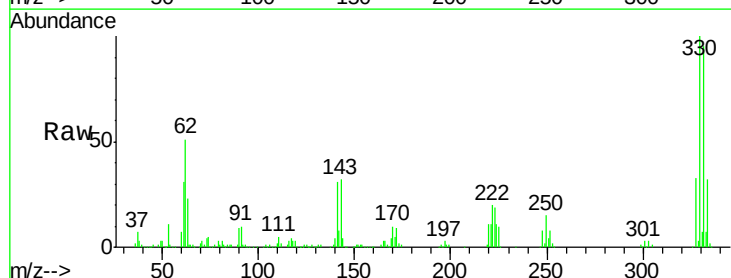
Tgt Ion:330 Resp: 259638

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

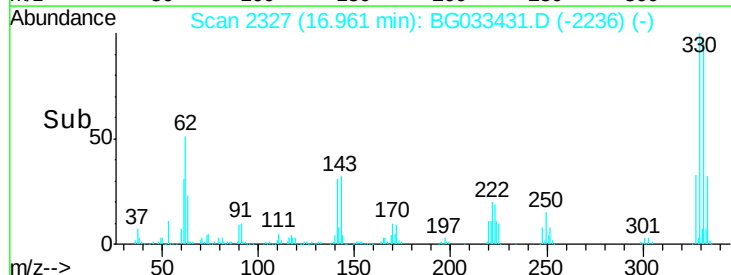
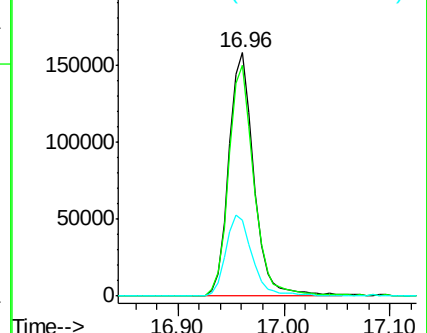
141 35.5 25.2 37.8

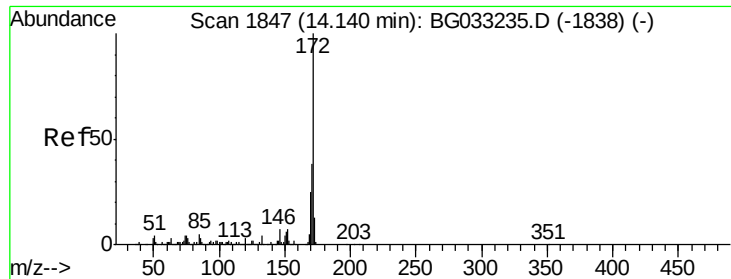


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

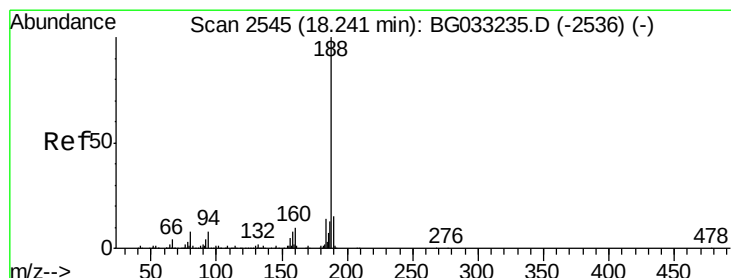
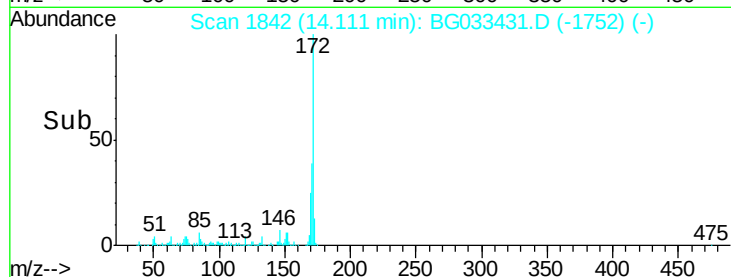
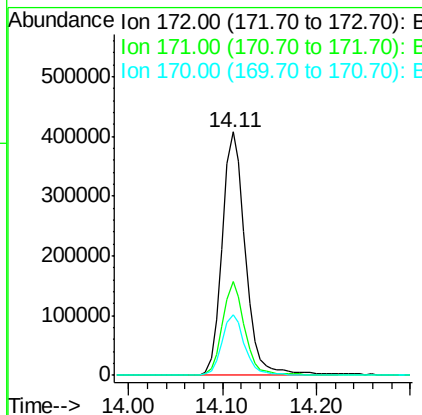
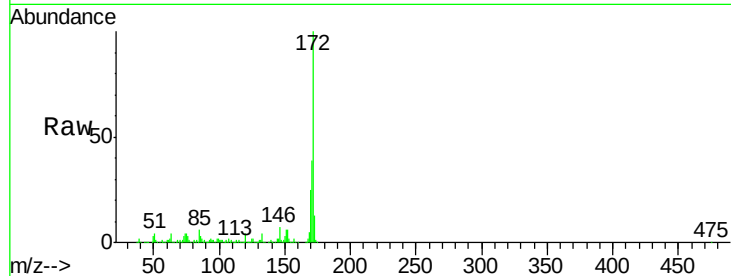




#44
 2-Fluorobiphenyl
 Concen: 97.160 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033431.D
 Acq: 29 Mar 2018 22:05

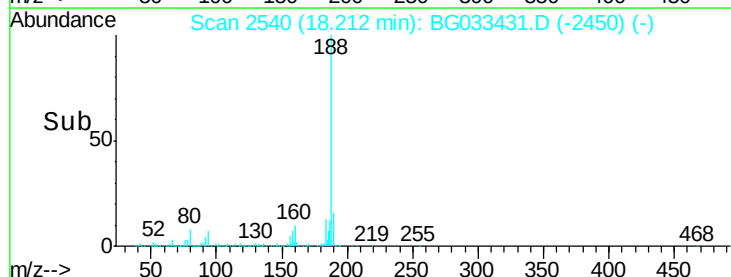
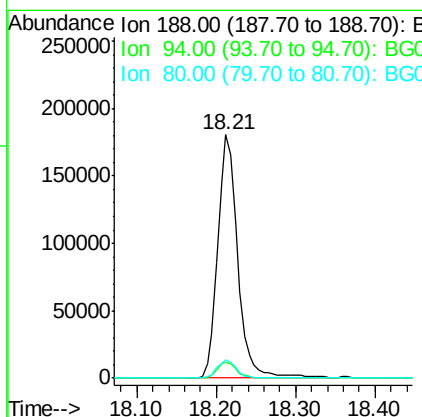
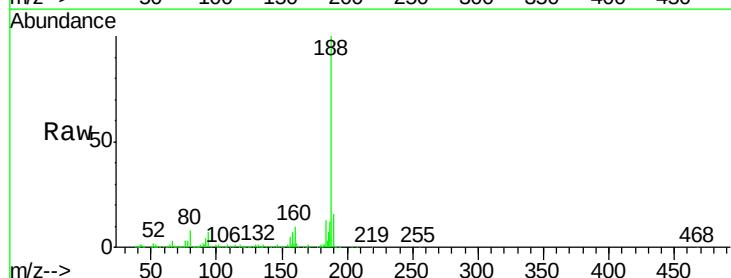
Instrument :
 BNA_G
 ClientSampleId :
 WO-RO-1499

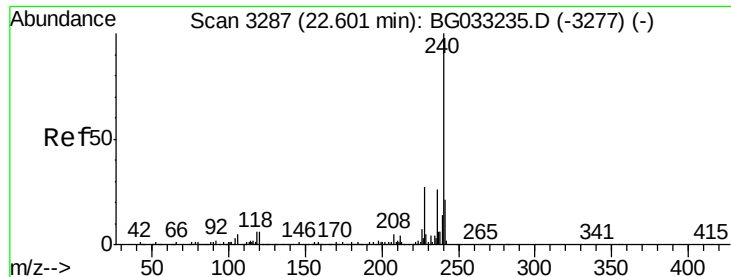
Tot Ion:172 Resp: 701654
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.0 45.0
 170 24.7 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033431.D
 Acq: 29 Mar 2018 22:05

Tgt Ion:188 Resp: 315892
 Ion Ratio Lower Upper
 188 100
 94 6.5 6.9 10.3#
 80 7.5 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033431.D

Acq: 29 Mar 2018 22:05

Instrument :

BNA_G

ClientSampleId :

WO-RO-1499

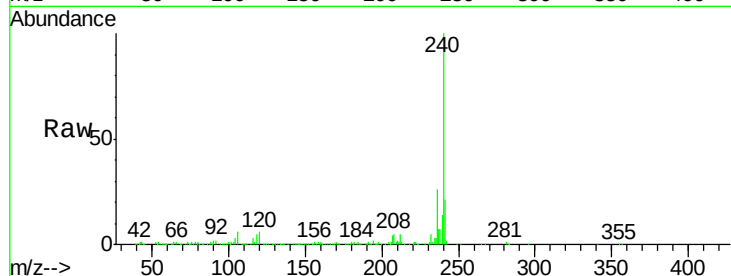
Tot Ion:240 Resp: 344493

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

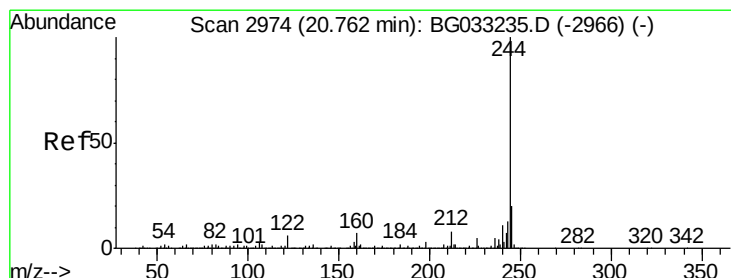
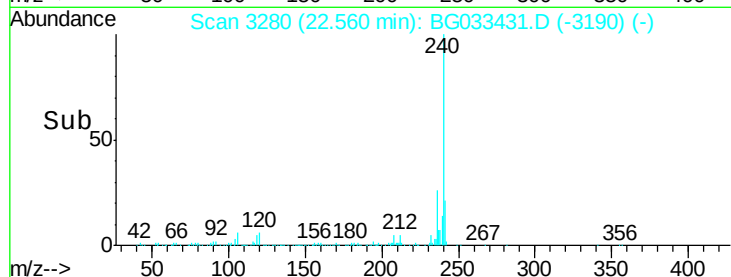
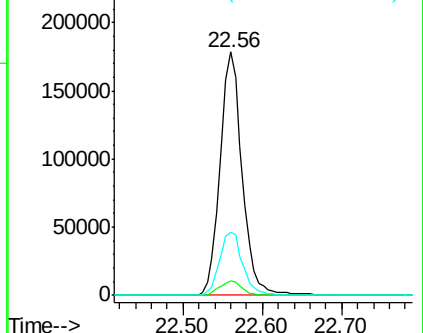
236 25.7 20.9 31.3



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: 98.931 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033431.D

Acq: 29 Mar 2018 22:05

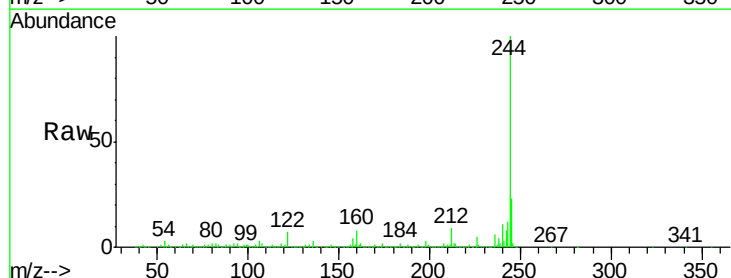
Tgt Ion:244 Resp: 1593603

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

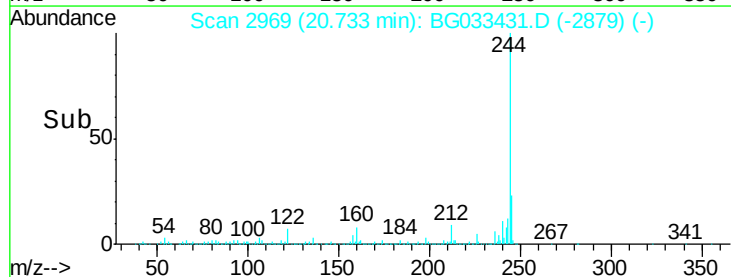
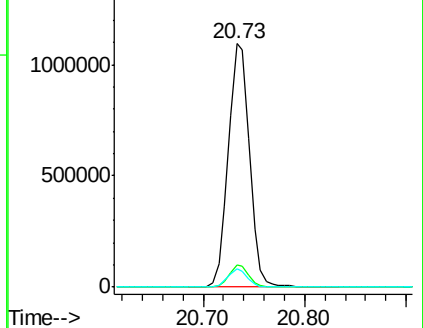
122 7.5 7.0 10.4

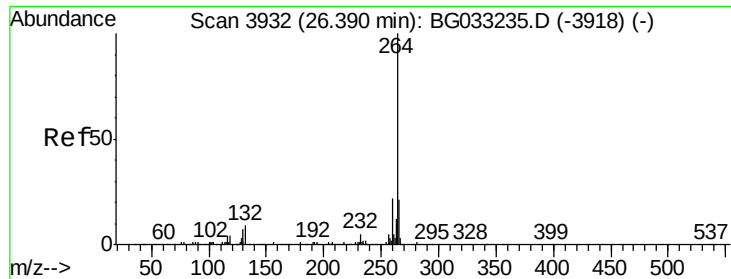


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

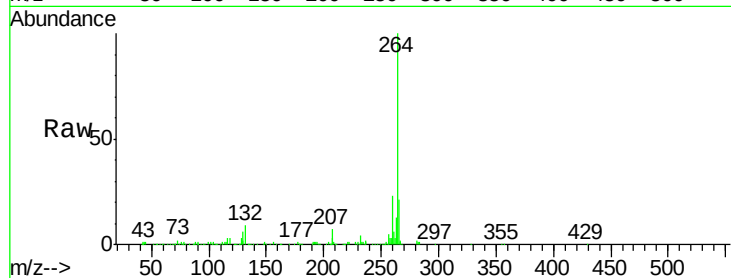




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3922
Delta R.T. -0.00 min
Lab File: BG033431.D
Acq: 29 Mar 2018 22:05

Instrument :
BNA_G
ClientSampleId :
WO-RO-1499

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	20.6	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

