

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041218\
 Data File : BG033783.D
 Acq On : 12 Apr 2018 21:49
 Operator : SJ/JU
 Sample : J2307-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-PH3-AR-02

Quant Time: Apr 13 03:19:33 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

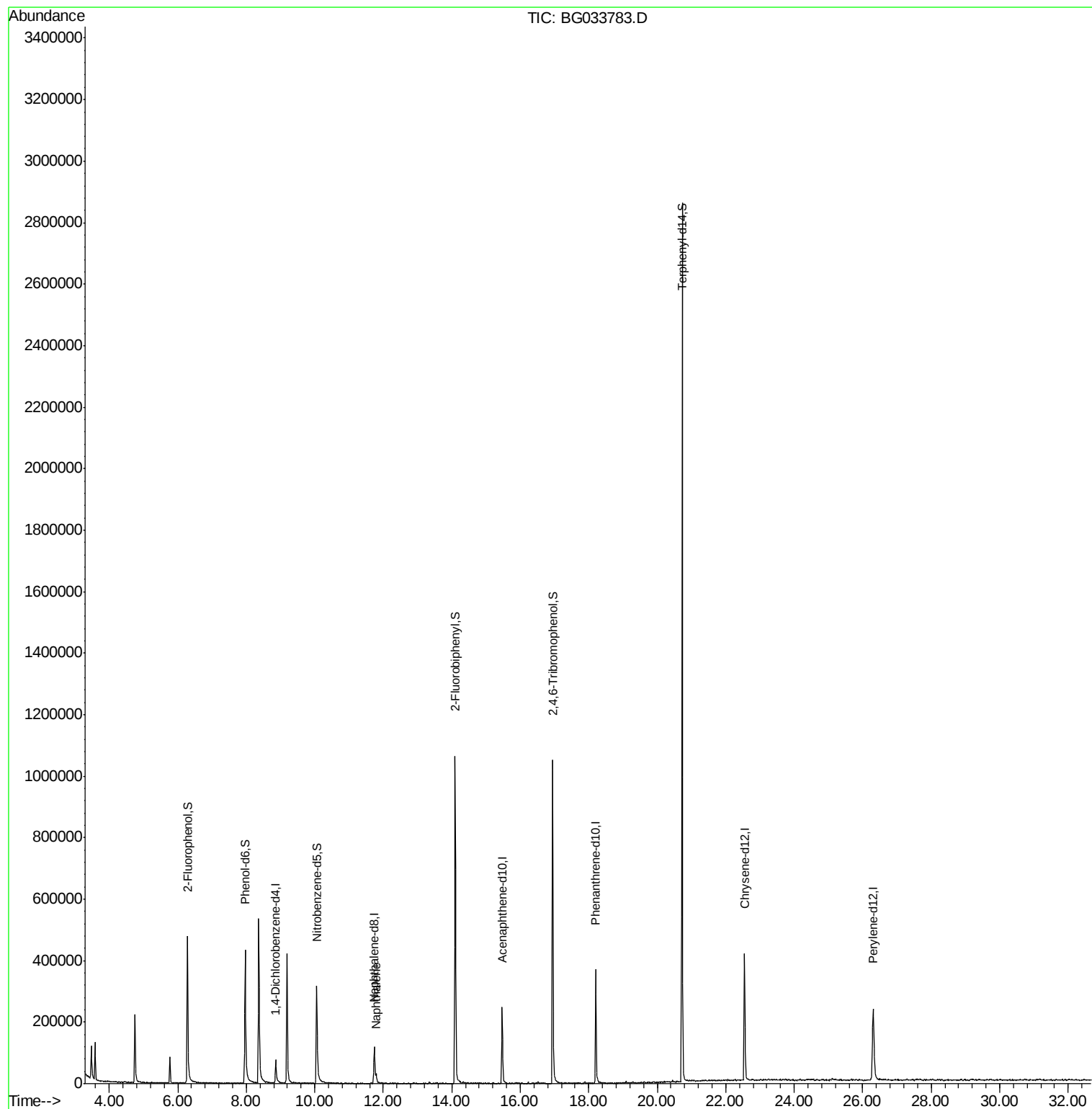
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	27850	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	118101	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	89573	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	262859	20.00	ng	0.00
75) Chrysene-d12	22.55	240	296121	20.00	ng	0.00
86) Perylene-d12	26.31	264	319512	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	238412	160.52	ng	0.00
7) Phenol-d6	7.96	99	309847	121.42	ng	0.00
23) Nitrobenzene-d5	10.06	82	260360	101.29	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	216485	161.60	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	602452	97.10	ng	0.00
78) Terphenyl-d14	20.73	244	1425333	102.94	ng	0.00
Target Compounds						
31) Naphthalene	11.80	128	24497	4.003	ng	Qvalue 96

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

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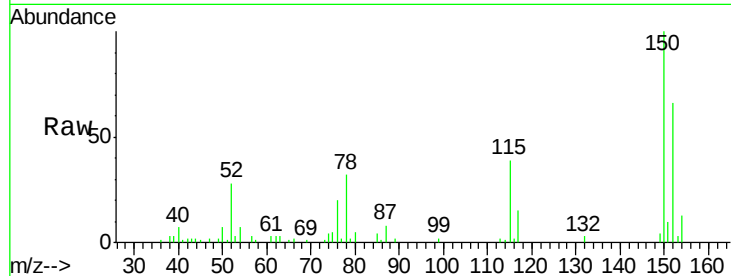


#1

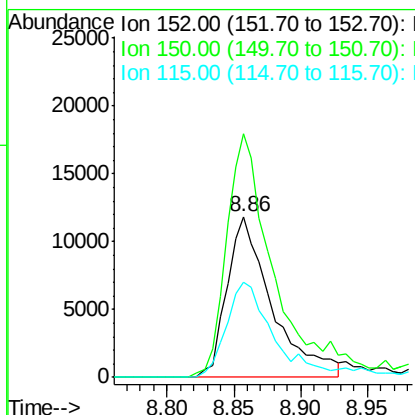
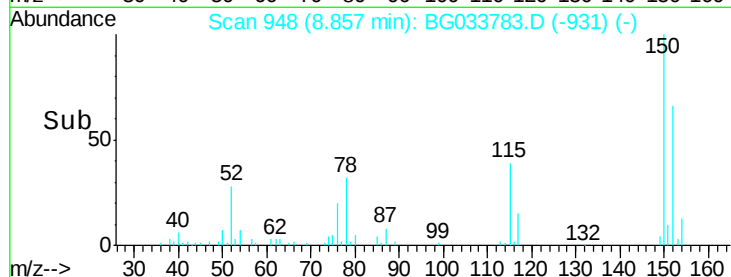
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BG033783.D
 Acq: 12 Apr 2018 21:49

Instrument :
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 WC-PH3-AR-02

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	126.6	189.8
115	58.9	53.0	79.4



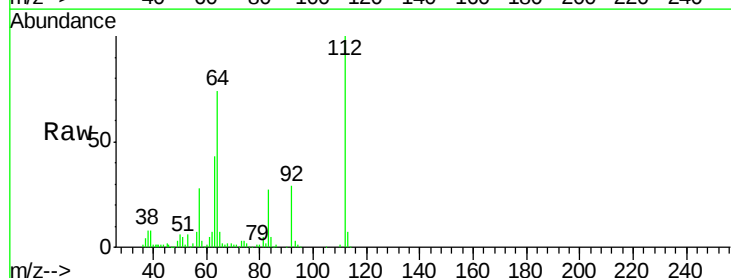
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



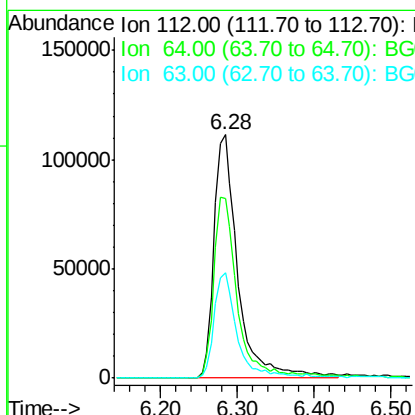
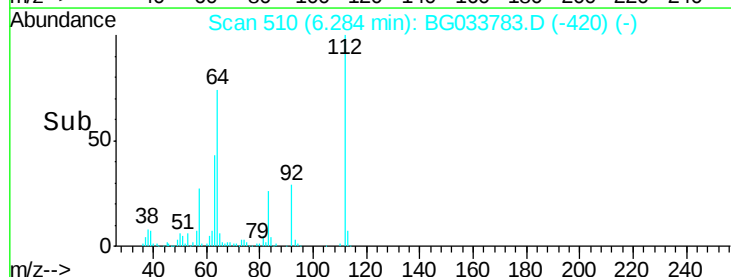
#5

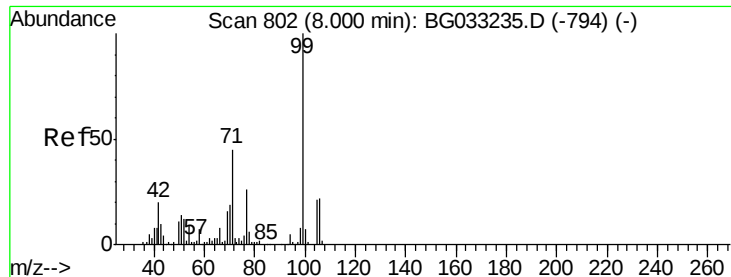
2-Fluorophenol
 Concen: 160.521 ng
 RT: 6.28 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BG033783.D
 Acq: 12 Apr 2018 21:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.5	56.3	84.5
63	43.4	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: 121.416 ng

RT: 7.96 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG033783.D

Acq: 12 Apr 2018 21:49

Instrument :

BNA_G

ClientSampleId :

WC-PH3-AR-02

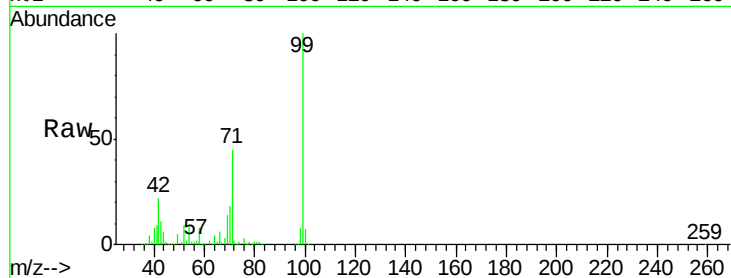
Tot Ion: 99 Resp: 309847

Ion Ratio Lower Upper

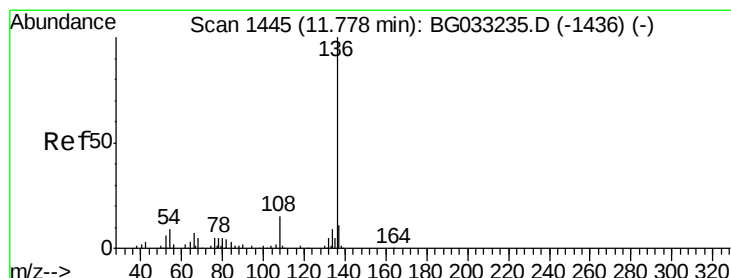
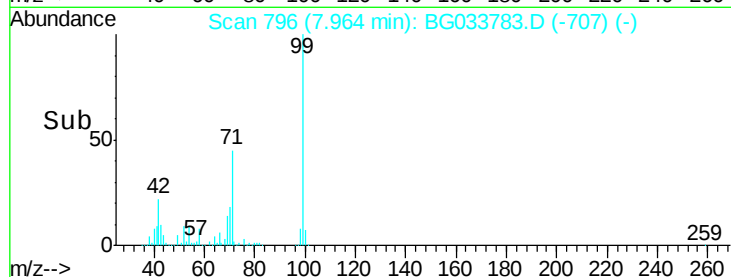
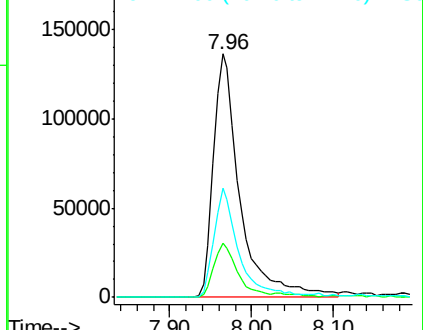
99 100

42 22.2 14.1 21.1#

71 44.9 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: BG033783.D

Acq: 12 Apr 2018 21:49

Tgt Ion: 136 Resp: 118101

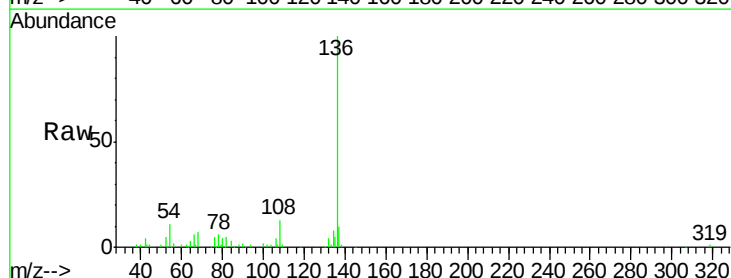
Ion Ratio Lower Upper

136 100

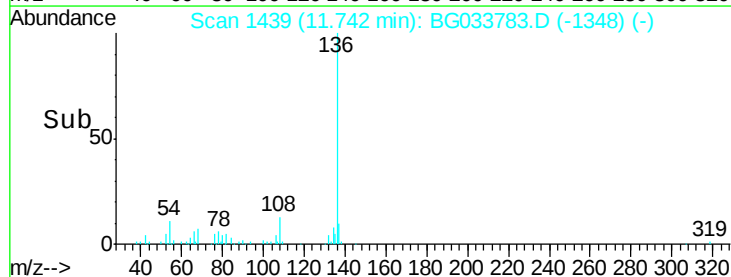
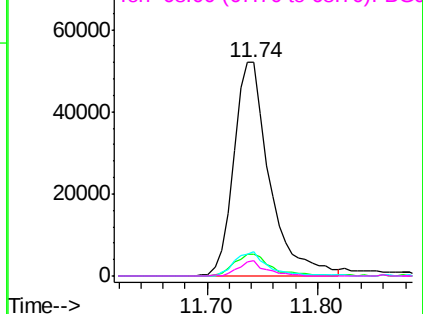
137 10.3 9.2 13.8

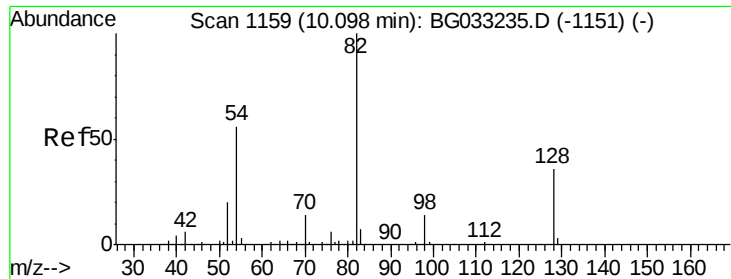
54 11.6 10.3 15.5

68 7.3 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

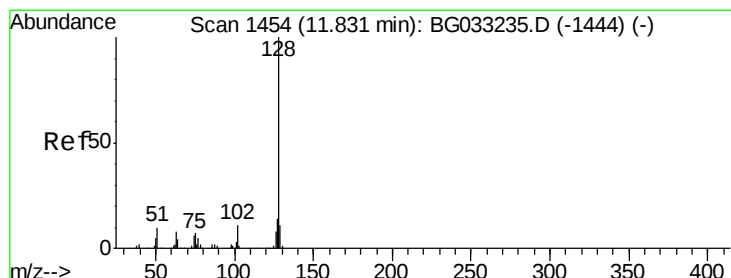
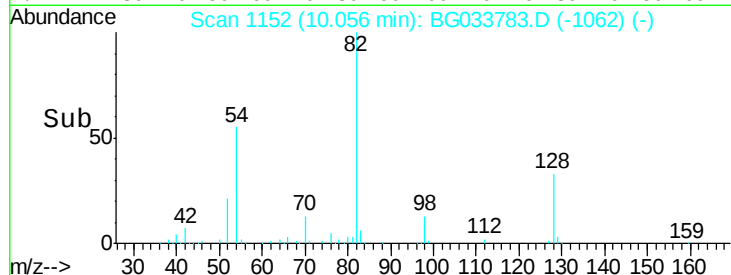
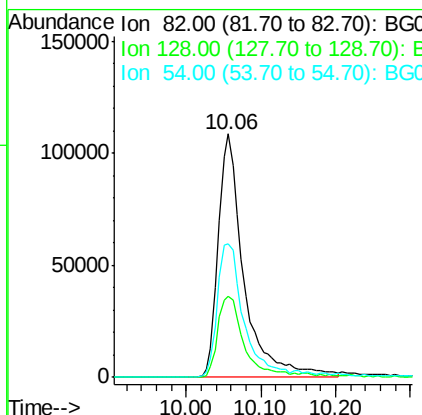
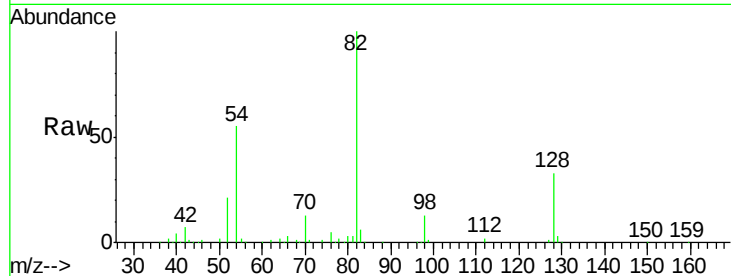




#23
 Nitrobenzene-d5
 Concen: 101.286 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG033783.D
 Acq: 12 Apr 2018 21:49

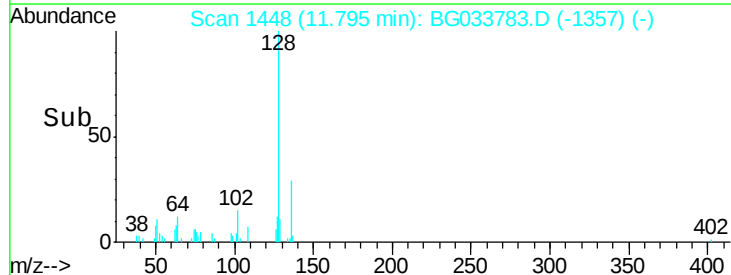
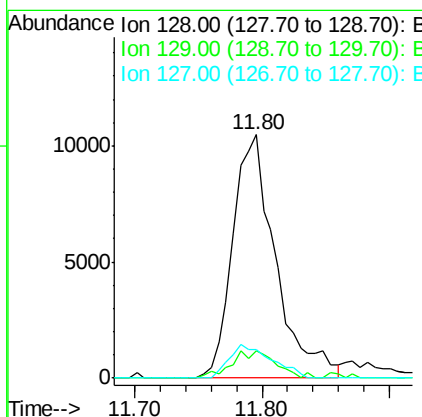
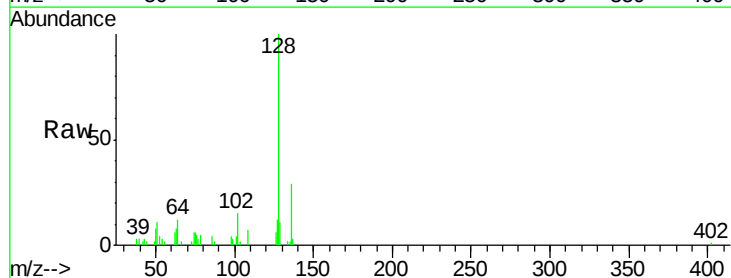
Instrument :
 BNA_G
 ClientSampleId :
 WC-PH3-AR-02

Tot Ion	82	Resp	260360
Ion Ratio	Lower	Upper	
82	100		
128	33.0	29.7	44.5
54	54.7	43.1	64.7



#31
 Naphthalene
 Concen: 4.003 ng
 RT: 11.80 min Scan# 1448
 Delta R.T. 0.01 min
 Lab File: BG033783.D
 Acq: 12 Apr 2018 21:49

Tgt Ion	128	Resp	24497
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.6	12.8
127	11.9	11.6	17.4

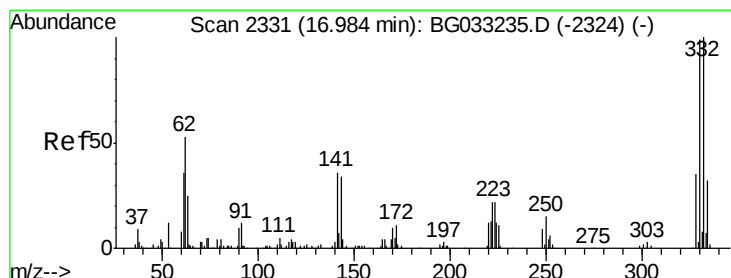
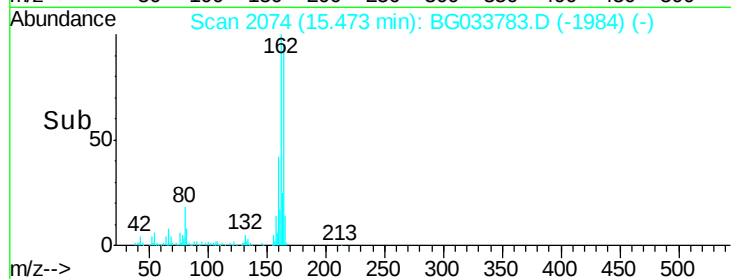
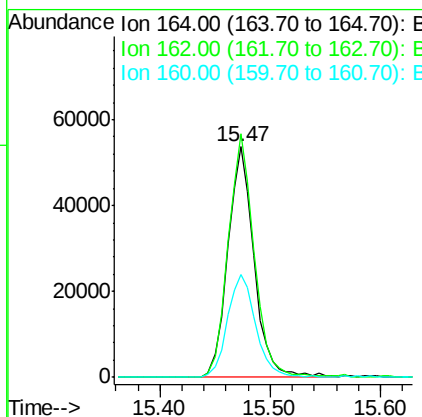
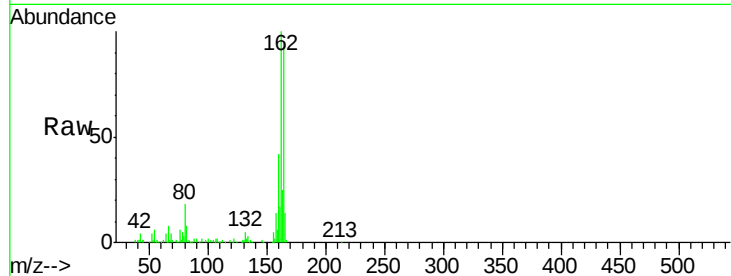




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG033783.D
Acq: 12 Apr 2018 21:49

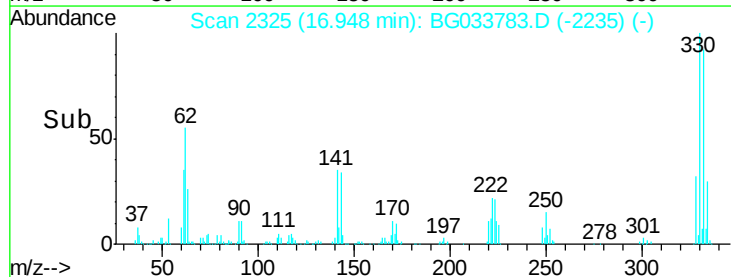
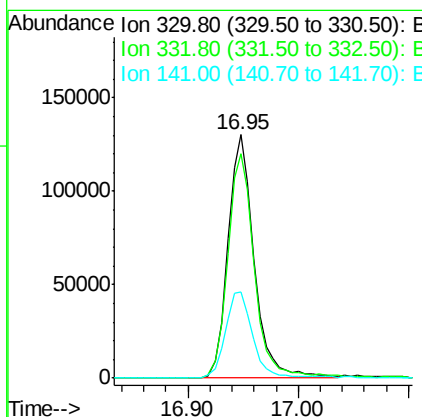
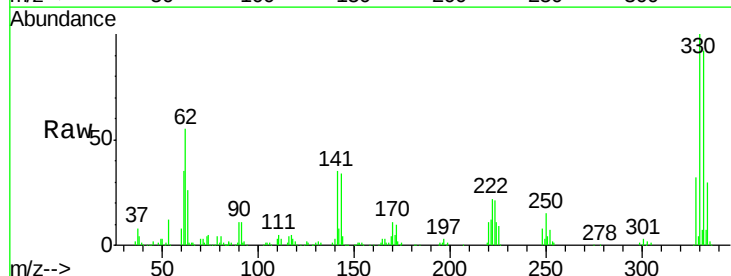
Instrument :
BNA_G
ClientSampleId :
WC-PH3-AR-02

Tot Ion:164 Resp: 89573
Ion Ratio Lower Upper
164 100
162 105.7 78.8 118.2
160 44.8 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 161.596 ng
RT: 16.95 min Scan# 2325
Delta R.T. 0.00 min
Lab File: BG033783.D
Acq: 12 Apr 2018 21:49

Tgt Ion:330 Resp: 216485
Ion Ratio Lower Upper
330 100
332 94.8 77.0 115.6
141 36.6 25.2 37.8

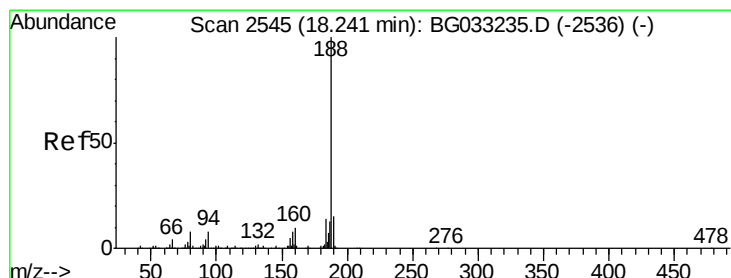
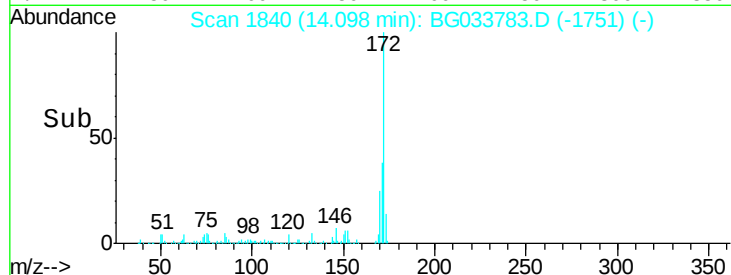
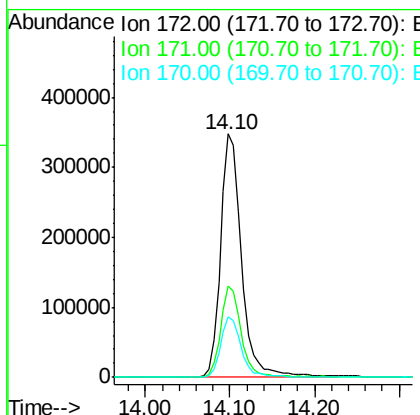
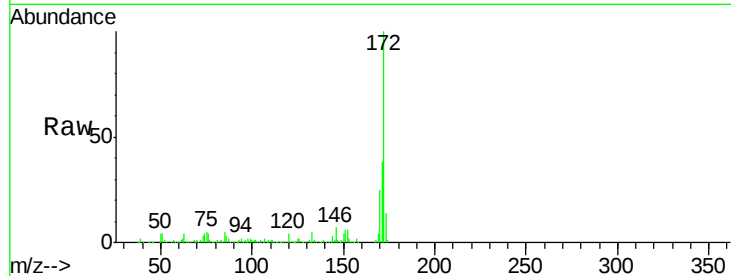




#44
2-Fluorobiphenyl
Concen: 97.096 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG033783.D
Acq: 12 Apr 2018 21:49

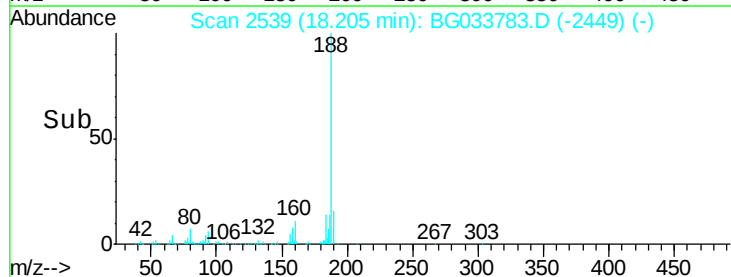
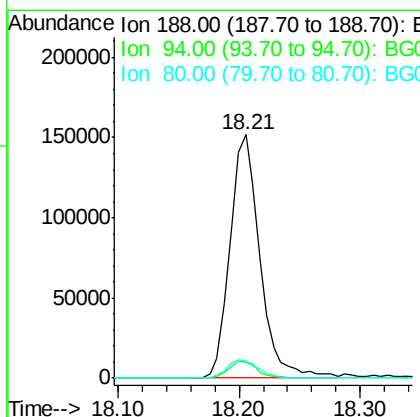
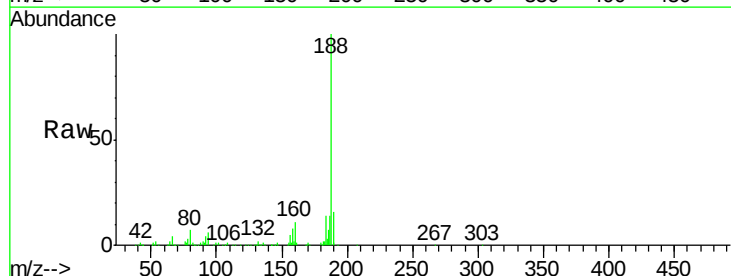
Instrument :
BNA_G
ClientSampleId :
WC-PH3-AR-02

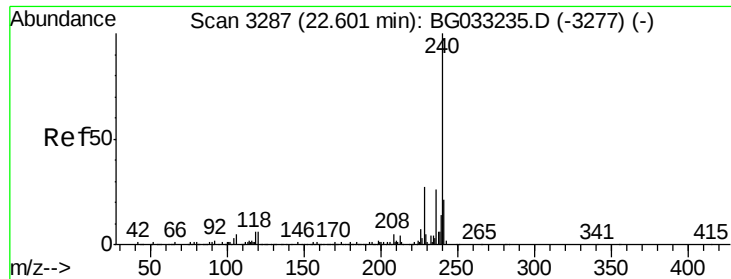
Tot Ion:172 Resp: 602452
Ion Ratio Lower Upper
172 100
171 37.6 30.0 45.0
170 24.8 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BG033783.D
Acq: 12 Apr 2018 21:49

Tgt Ion:188 Resp: 262859
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 7.1 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: BG033783.D

Acq: 12 Apr 2018 21:49

Instrument :

BNA_G

ClientSampleId :

WC-PH3-AR-02

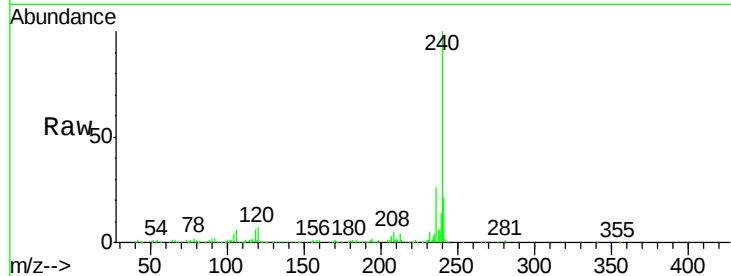
Tot Ion:240 Resp: 296121

Ion Ratio Lower Upper

240 100

120 7.1 6.8 10.2

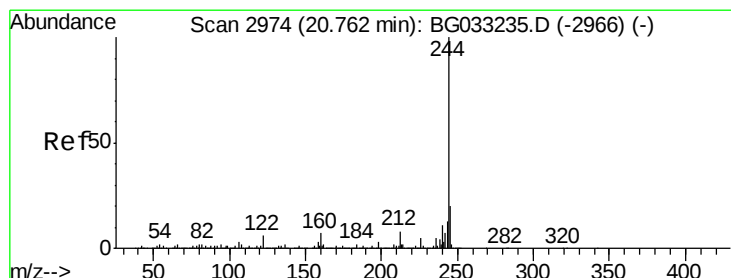
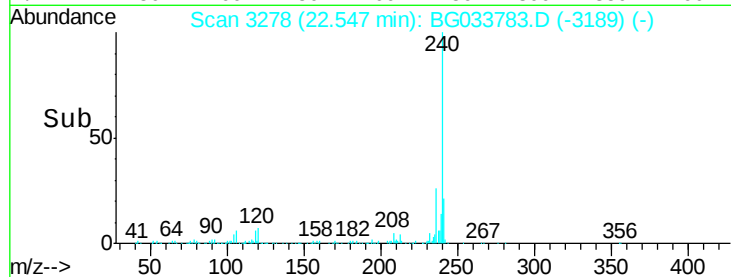
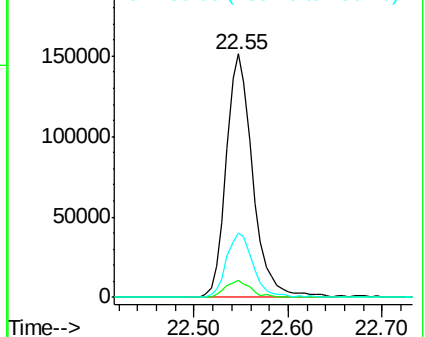
236 26.2 20.9 31.3



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: 102.939 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033783.D

Acq: 12 Apr 2018 21:49

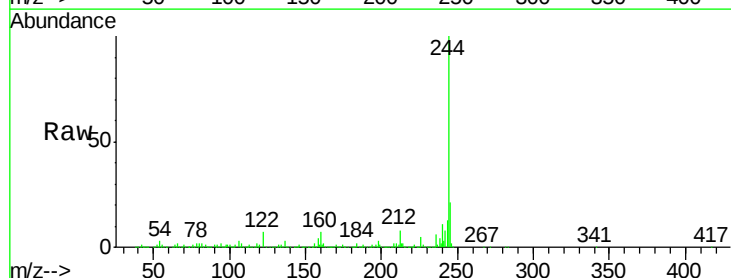
Tgt Ion:244 Resp: 1425333

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

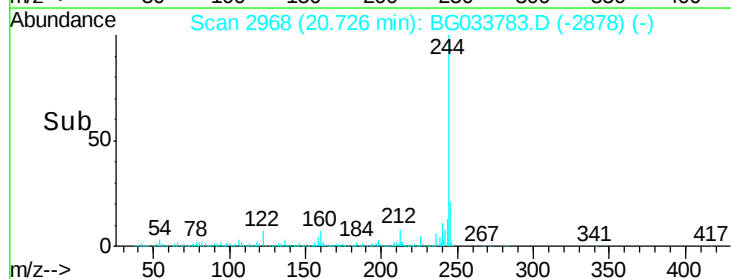
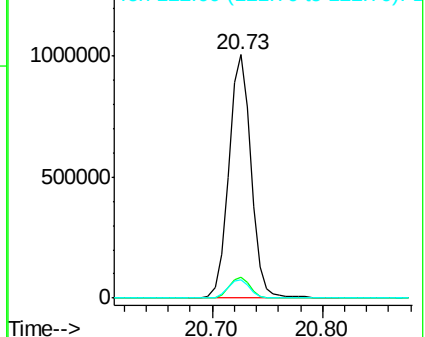
122 7.4 7.0 10.4

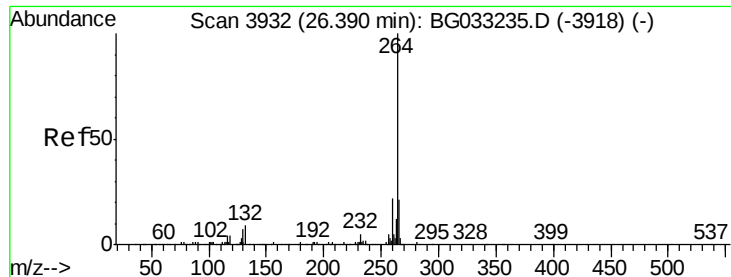


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG033783.D
Acq: 12 Apr 2018 21:49

Instrument :
BNA_G
ClientSampleId :
WC-PH3-AR-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.7	17.7	26.5

