

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG032618\
 Data File : BG033331.D
 Acq On : 26 Mar 2018 16:10
 Operator : SJ/JU
 Sample : J1994-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-09-031918

Quant Time: Mar 26 19:06:21 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	37995	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	151370	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	119909	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	324879	20.00	ng	-0.02
75) Chrysene-d12	22.56	240	344808	20.00	ng	-0.04
86) Perylene-d12	26.32	264	367785	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	152010	75.02	ng	-0.02
7) Phenol-d6	7.97	99	131210	37.69	ng	-0.02
23) Nitrobenzene-d5	10.06	82	321603	97.61	ng	-0.03
41) 2,4,6-Tribromophenol	16.96	330	284622	158.71	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	774083	93.20	ng	-0.02
78) Terphenyl-d14	20.73	244	1563880	97.00	ng	-0.02

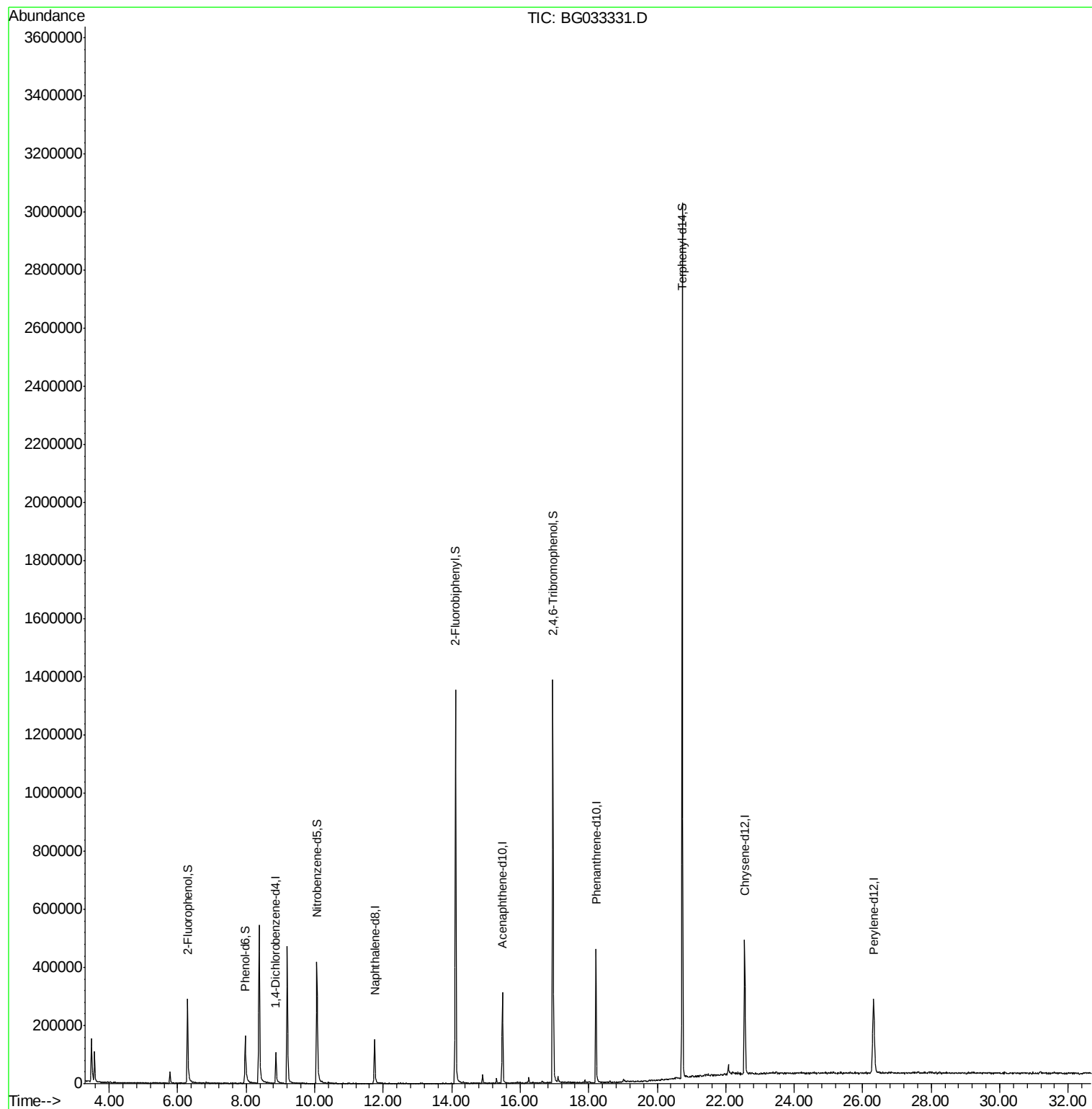
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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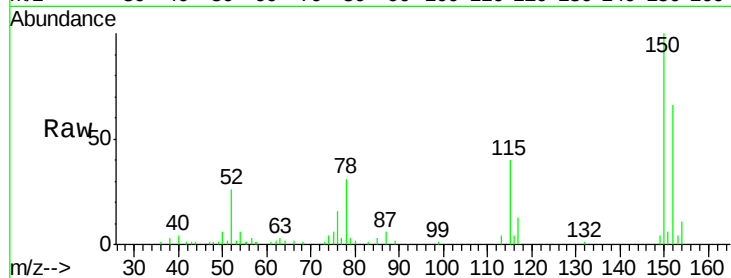




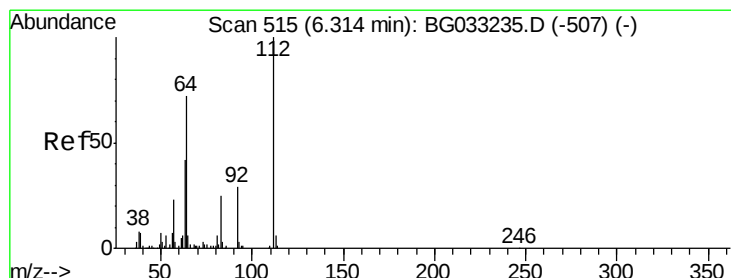
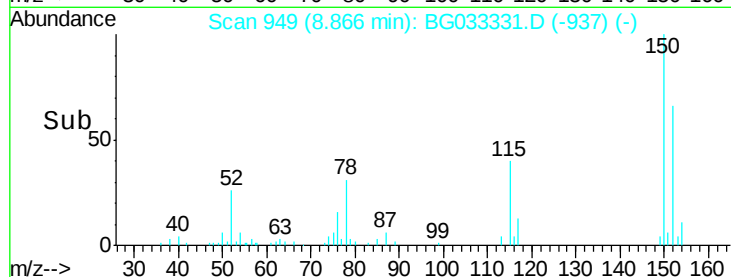
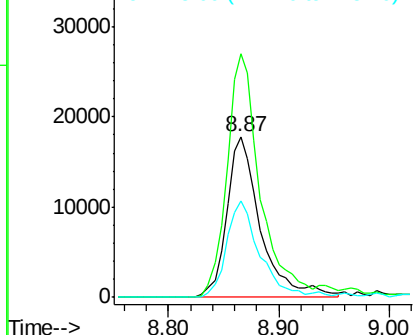
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.87 min Scan# 949
 Delta R.T. -0.03 min
 Lab File: BG033331.D
 Acq: 26 Mar 2018 16:10

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-09-031918

Tgt Ion:152 Resp: 37995
 Ion Ratio Lower Upper
 152 100
 150 151.4 126.6 189.8
 115 59.9 53.0 79.4

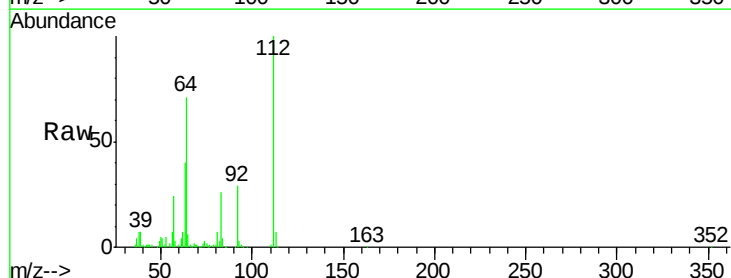


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

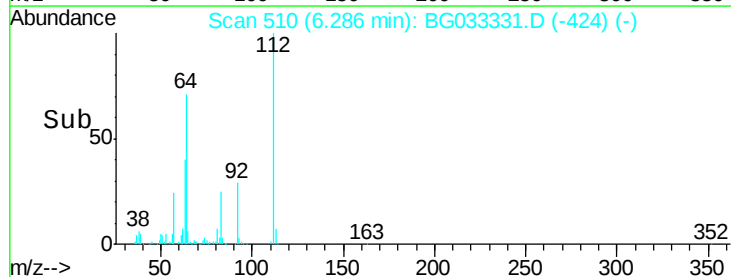
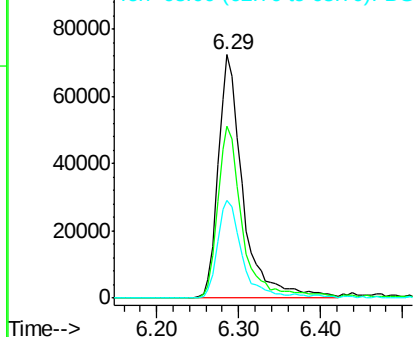


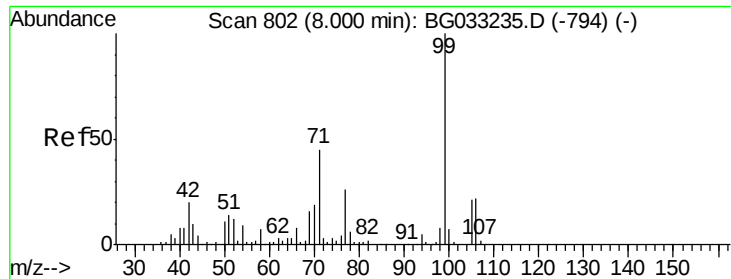
#5
 2-Fluorophenol
 Concen: 75.020 ng
 RT: 6.29 min Scan# 510
 Delta R.T. -0.02 min
 Lab File: BG033331.D
 Acq: 26 Mar 2018 16:10

Tgt Ion:112 Resp: 152010
 Ion Ratio Lower Upper
 112 100
 64 70.6 56.3 84.5
 63 40.4 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: 37.687 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.02 min

Lab File: BG033331.D

Acq: 26 Mar 2018 16:10

Instrument :

BNA_G

ClientSampleId :

C-MW-09-031918

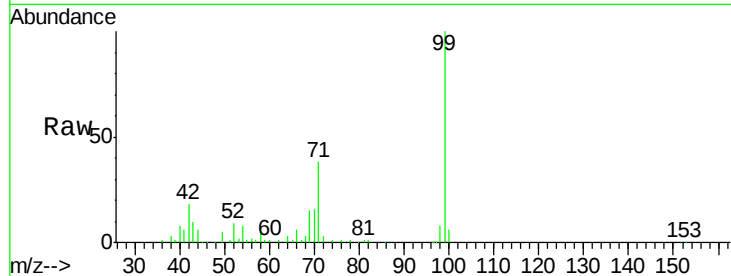
Tgt Ion: 99 Resp: 131210

Ion Ratio Lower Upper

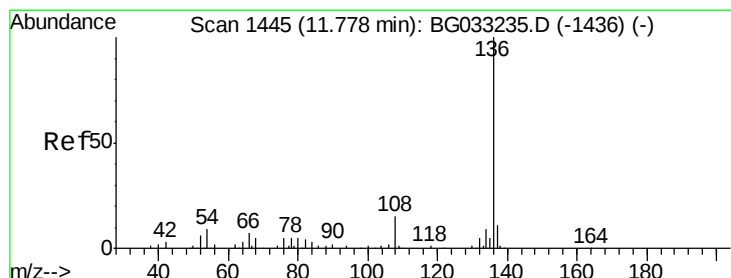
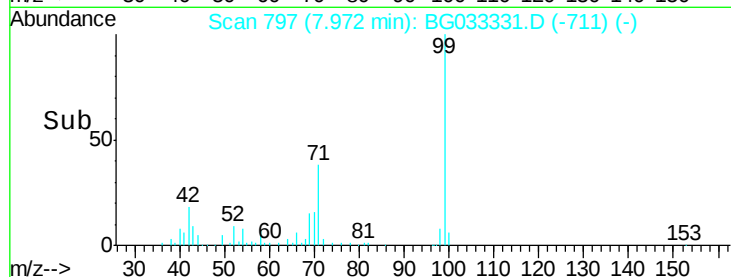
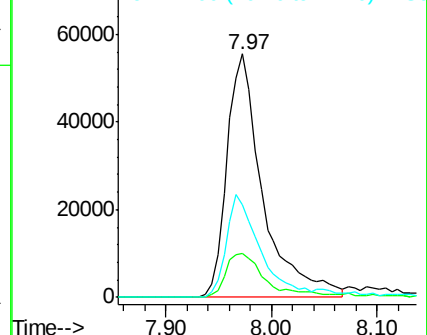
99 100

42 18.2 14.1 21.1

71 38.3 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. -0.03 min

Lab File: BG033331.D

Acq: 26 Mar 2018 16:10

Tgt Ion: 136 Resp: 151370

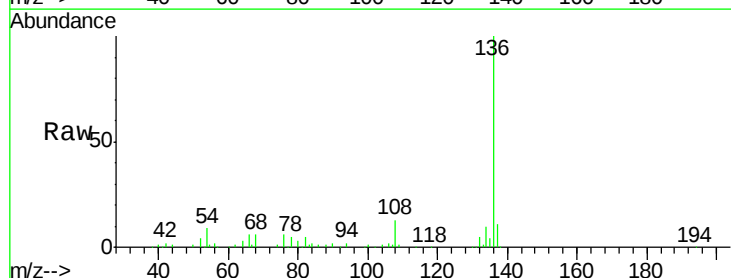
Ion Ratio Lower Upper

136 100

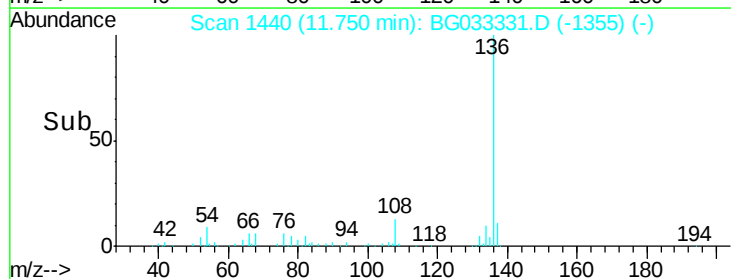
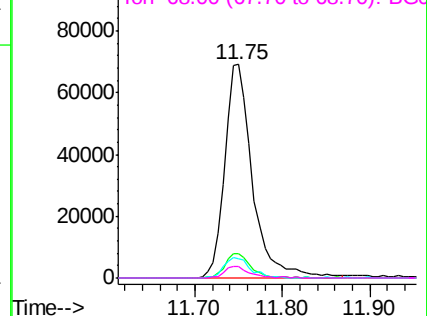
137 11.4 9.2 13.8

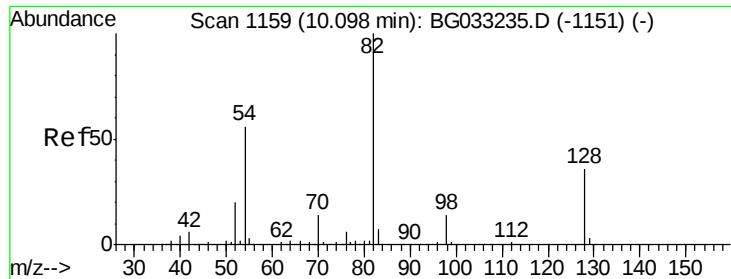
54 10.2 10.3 15.5#

68 5.7 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

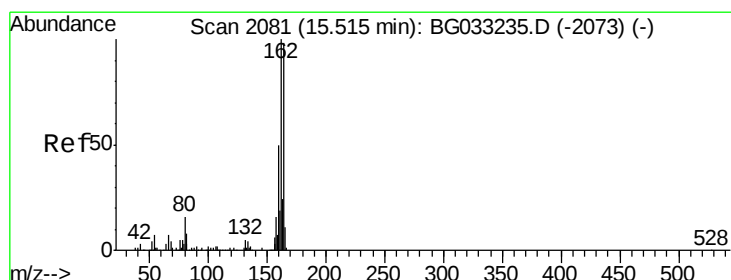
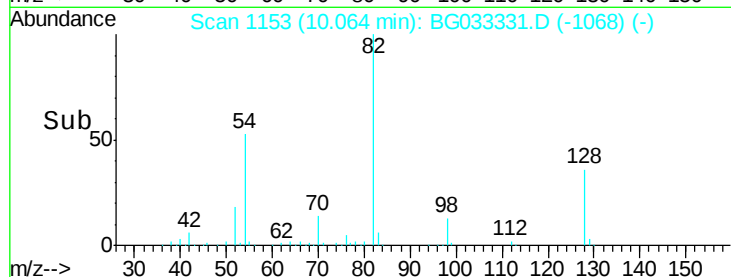
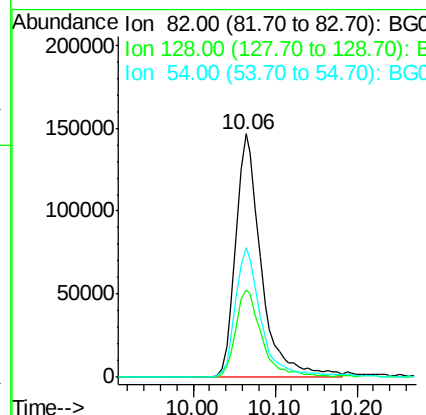
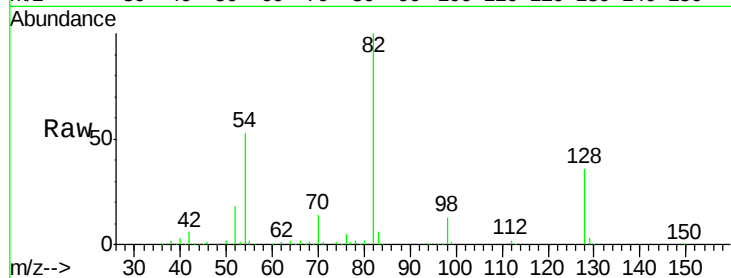




#23
Nitrobenzene-d5
Concen: 97.613 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.03 min
Lab File: BG033331.D
Acq: 26 Mar 2018 16:10

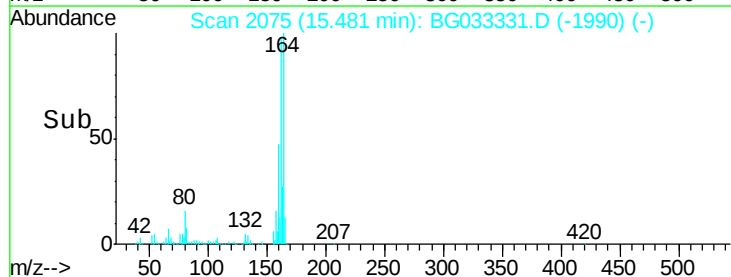
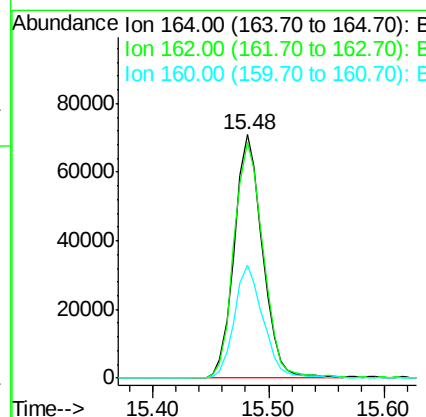
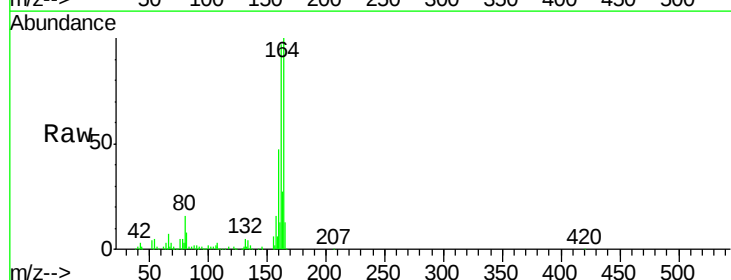
Instrument :
BNA_G
ClientSampleId :
C-MW-09-031918

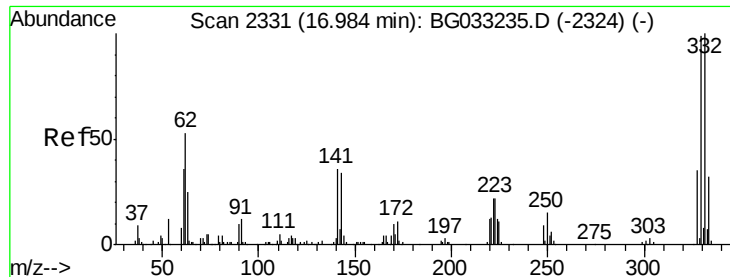
Tgt Ion: 82 Resp: 321603
Ion Ratio Lower Upper
82 100
128 36.0 29.7 44.5
54 53.2 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.03 min
Lab File: BG033331.D
Acq: 26 Mar 2018 16:10

Tgt Ion: 164 Resp: 119909
Ion Ratio Lower Upper
164 100
162 96.7 78.8 118.2
160 46.6 35.4 53.0

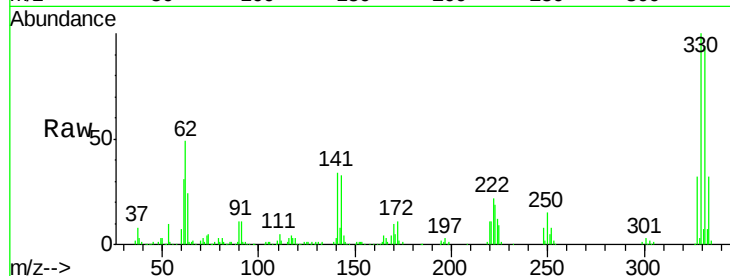




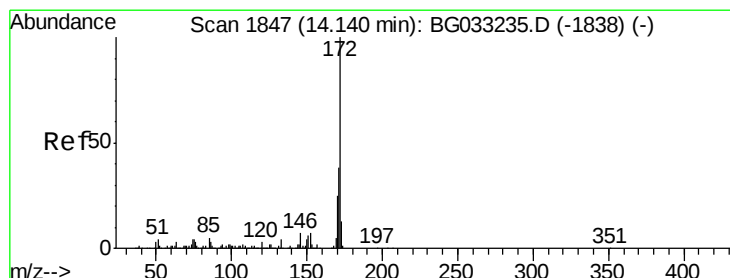
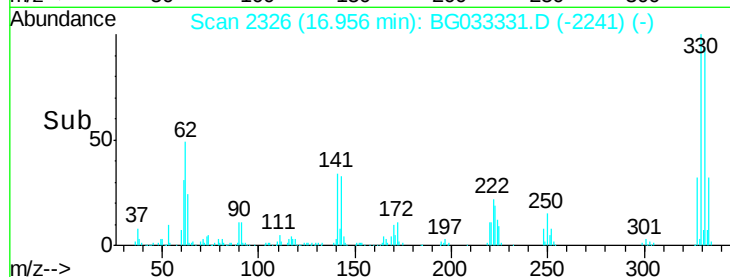
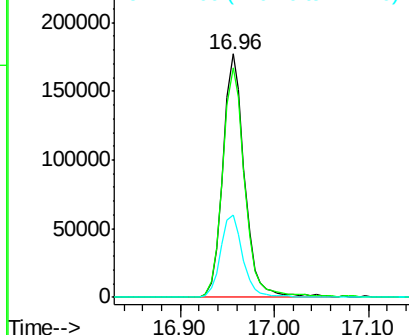
#41
 2,4,6-Tribromophenol
 Concen: 158.707 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.03 min
 Lab File: BG033331.D
 Acq: 26 Mar 2018 16:10

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-09-031918

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	35.0	25.2	37.8

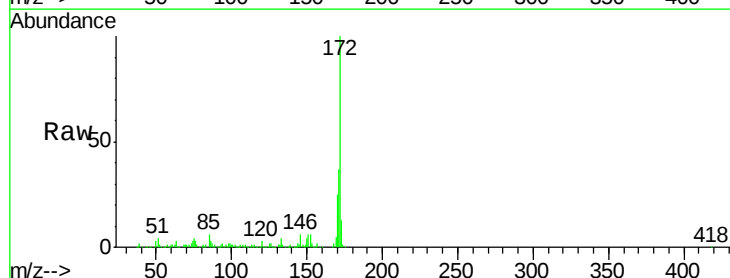


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

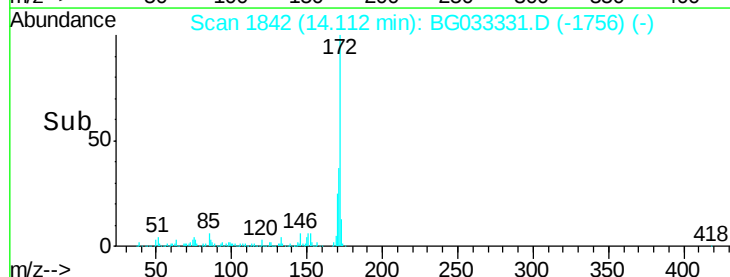
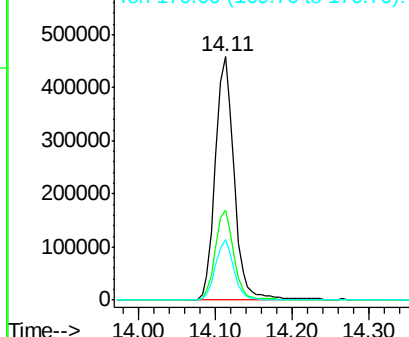


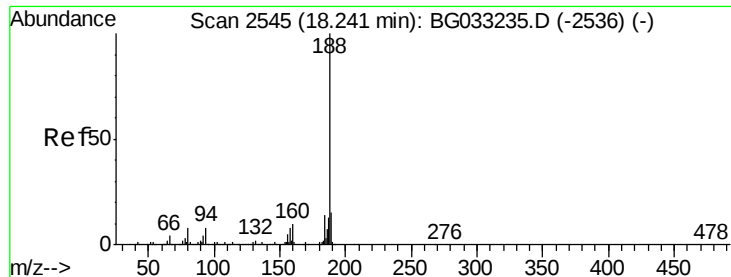
#44
 2-Fluorobiphenyl
 Concen: 93.195 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BG033331.D
 Acq: 26 Mar 2018 16:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.7	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

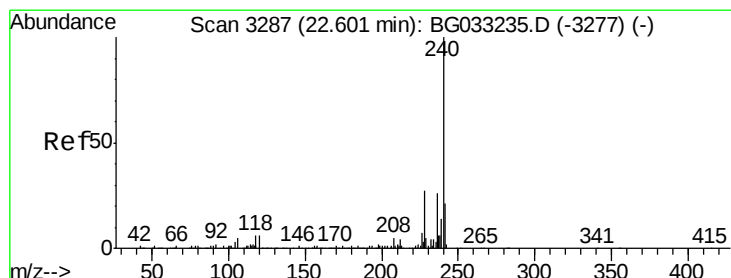
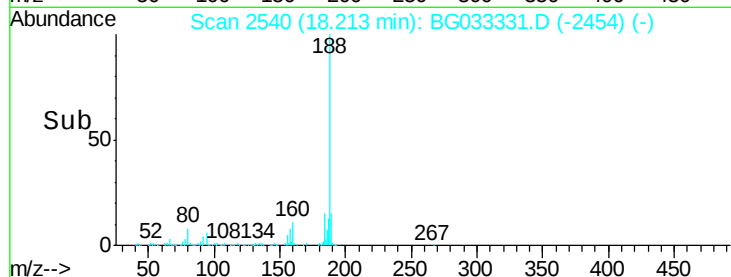
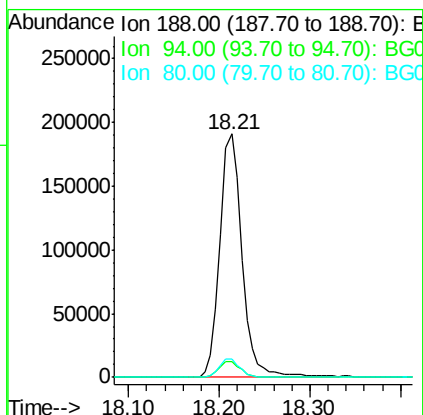
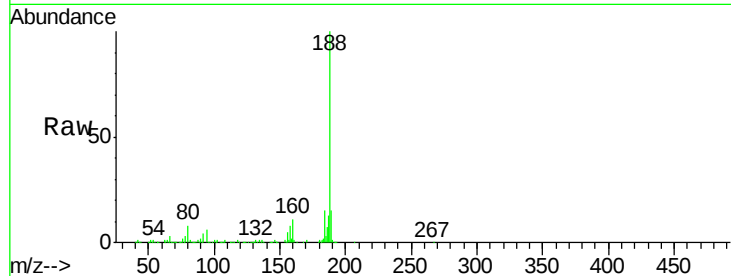




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BG033331.D
Acq: 26 Mar 2018 16:10

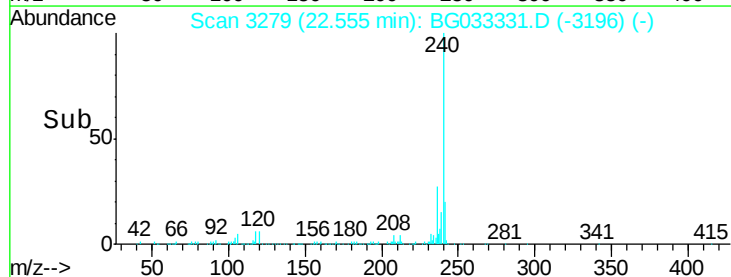
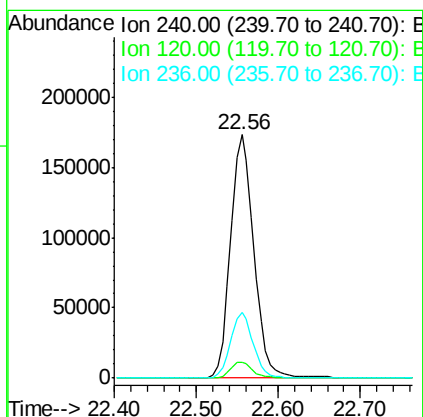
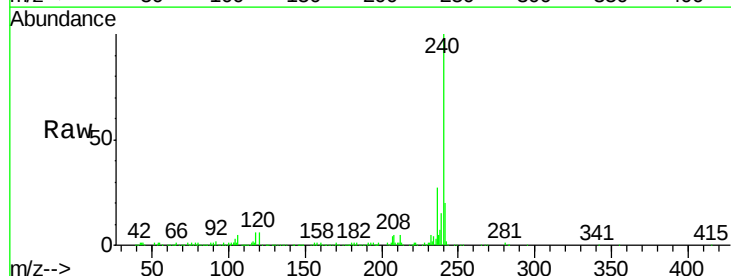
Instrument :
BNA_G
ClientSampleId :
C-MW-09-031918

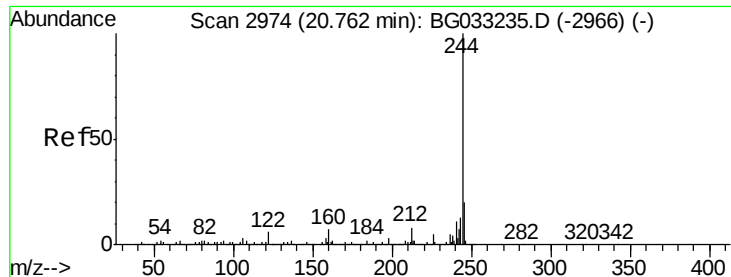
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	7.6	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.04 min
Lab File: BG033331.D
Acq: 26 Mar 2018 16:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.4	6.8	10.2#
236	27.0	20.9	31.3





#78

Terphenyl-d14

Concen: 96.997 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.02 min

Lab File: BG033331.D

Acq: 26 Mar 2018 16:10

Instrument :

BNA_G

ClientSampleId :

C-MW-09-031918

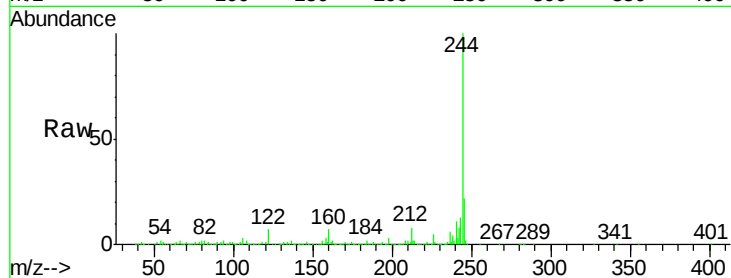
Tgt Ion:244 Resp: 1563880

Ion Ratio Lower Upper

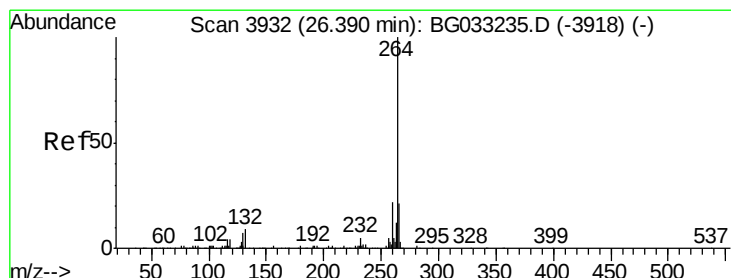
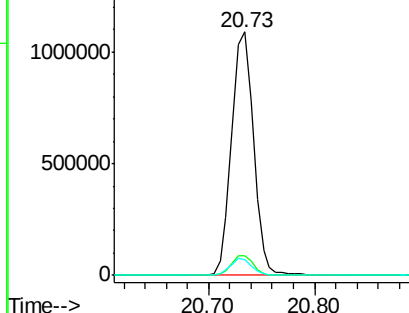
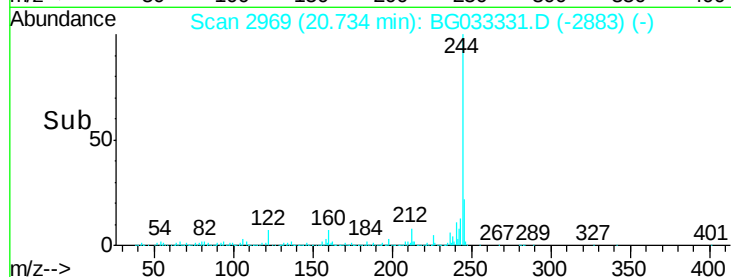
244 100

212 8.0 5.8 8.8

122 6.6 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: 26.32 min Scan# 3919

Delta R.T. -0.07 min

Lab File: BG033331.D

Acq: 26 Mar 2018 16:10

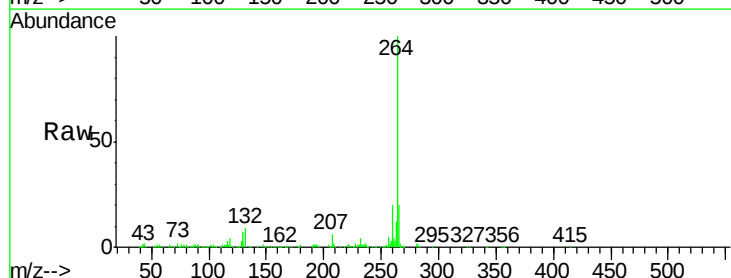
Tgt Ion:264 Resp: 367785

Ion Ratio Lower Upper

264 100

260 20.5 17.4 26.0

265 20.0 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

