

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041318\
 Data File : BG033801.D
 Acq On : 13 Apr 2018 18:05
 Operator : SJ/JU
 Sample : J2163-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-B

Quant Time: Apr 14 01:44:31 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

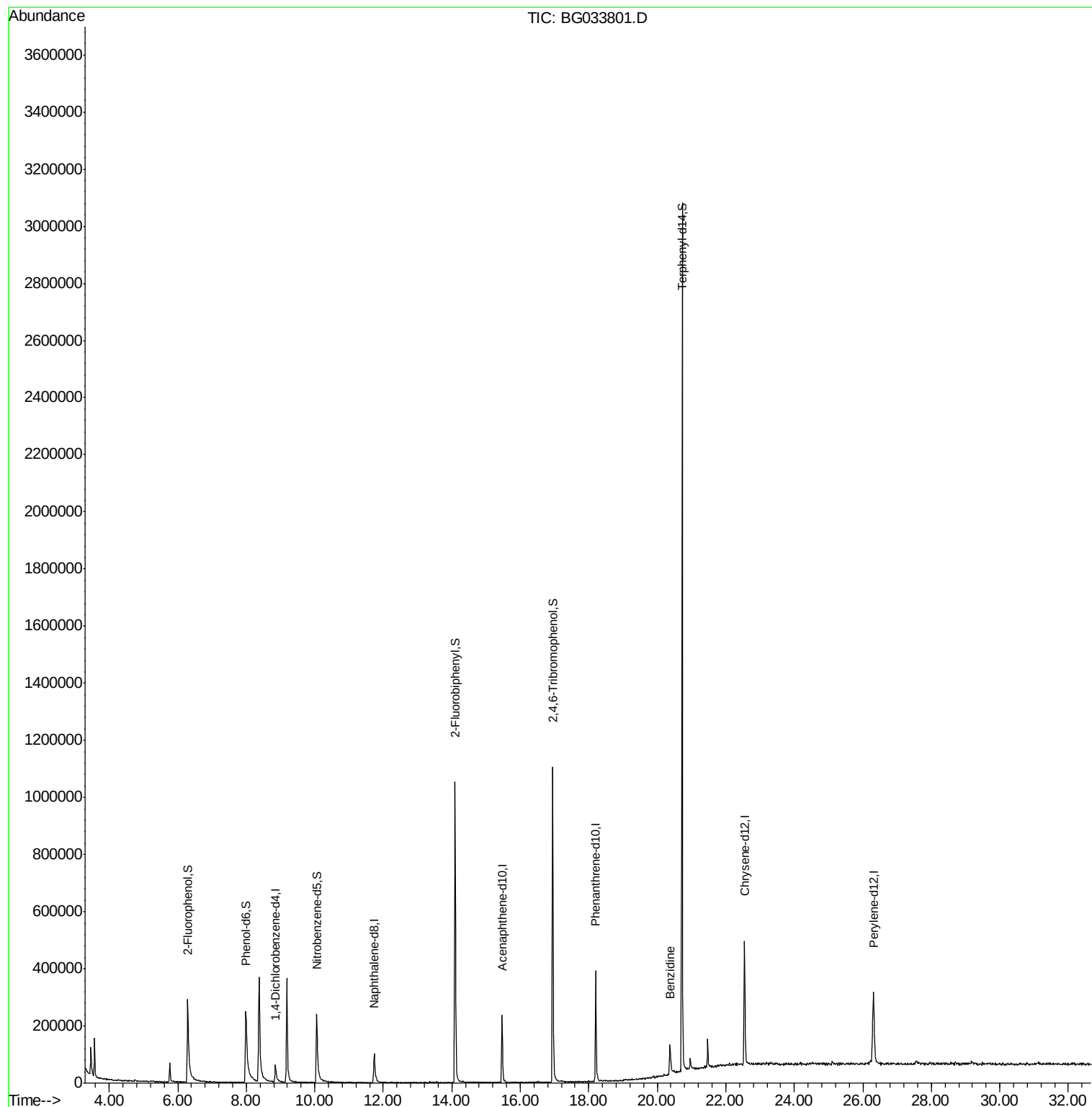
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	25624	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	117652	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	93814	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	292043	20.00	ng	0.00
75) Chrysene-d12	22.55	240	318811	20.00	ng	0.00
86) Perylene-d12	26.31	264	347542	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	221910	162.39	ng	0.01
7) Phenol-d6	7.99	99	306028	130.34	ng	0.02
23) Nitrobenzene-d5	10.06	82	245767	95.97	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	234604	167.20	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	647976	99.71	ng	0.00
78) Terphenyl-d14	20.73	244	1567413	105.14	ng	0.00
Target Compounds						
76) Benzidine	20.37	184	108998	12.607	ng	Qvalue 98

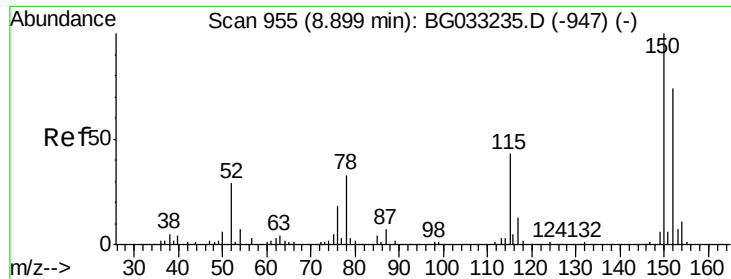
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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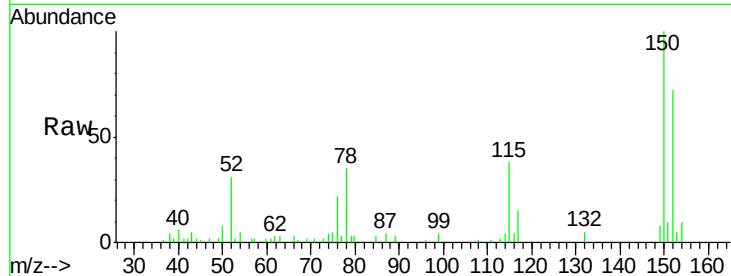


#1

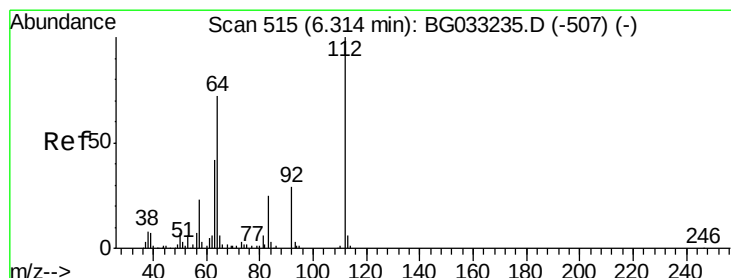
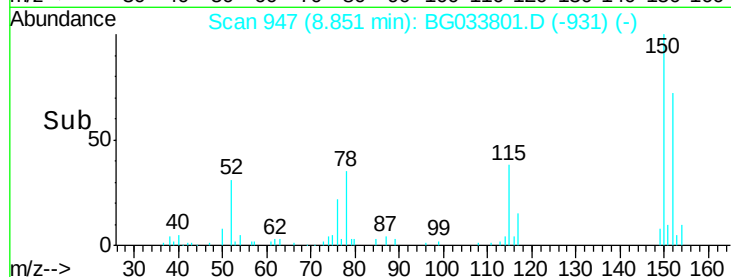
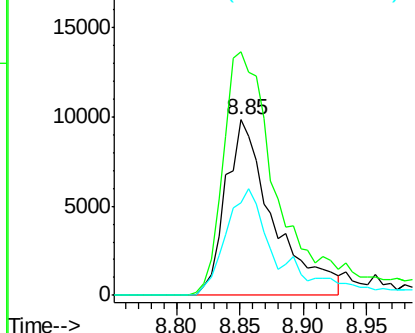
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG033801.D
Acq: 13 Apr 2018 18:05

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-B

Tot Ion:152 Resp: 25624
Ion Ratio Lower Upper
152 100
150 139.0 126.6 189.8
115 53.1 53.0 79.4



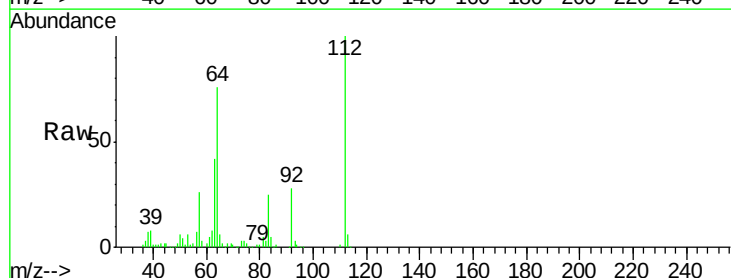
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



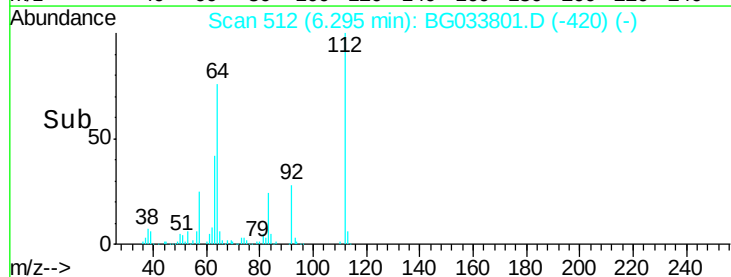
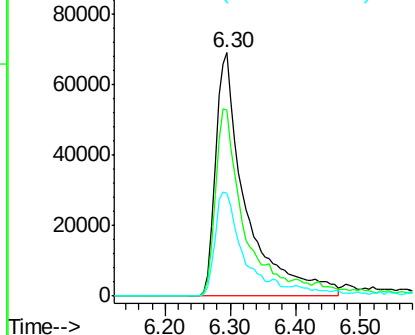
#5

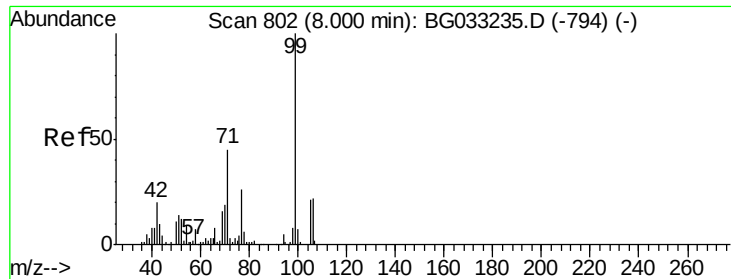
2-Fluorophenol
Concen: 162.390 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.01 min
Lab File: BG033801.D
Acq: 13 Apr 2018 18:05

Tgt Ion:112 Resp: 221910
Ion Ratio Lower Upper
112 100
64 76.5 56.3 84.5
63 42.4 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: 130.337 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.02 min

Lab File: BG033801.D

Acq: 13 Apr 2018 18:05

Instrument :

BNA_G

ClientSampleId :

PL-01-041118-B

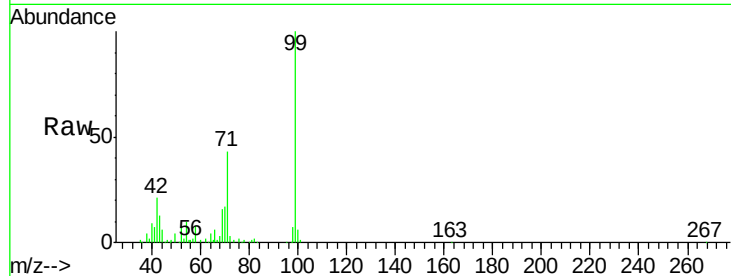
Tot Ion: 99 Resp: 306028

Ion Ratio Lower Upper

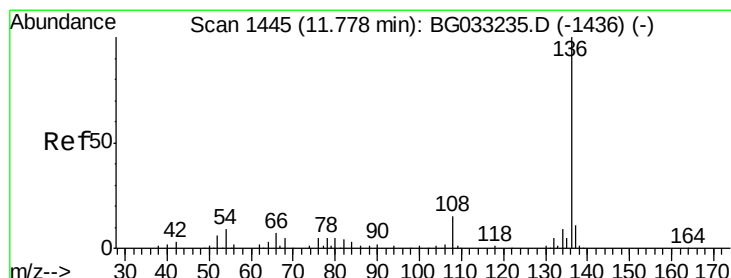
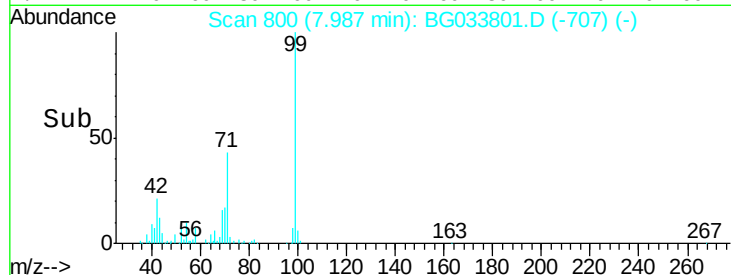
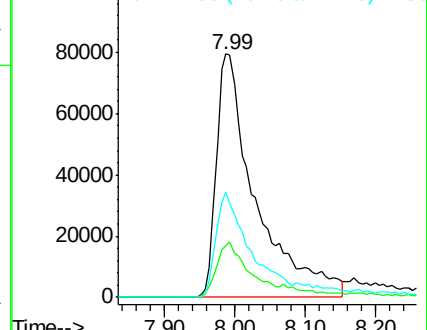
99 100

42 21.0 14.1 21.1

71 43.1 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# 1438

Delta R.T. -0.00 min

Lab File: BG033801.D

Acq: 13 Apr 2018 18:05

Tgt Ion: 136 Resp: 117652

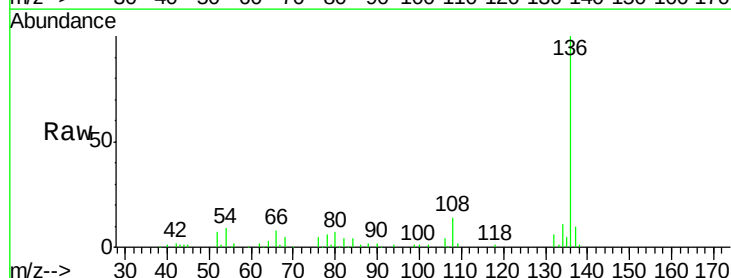
Ion Ratio Lower Upper

136 100

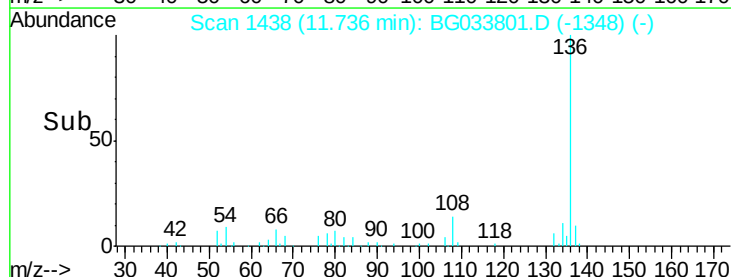
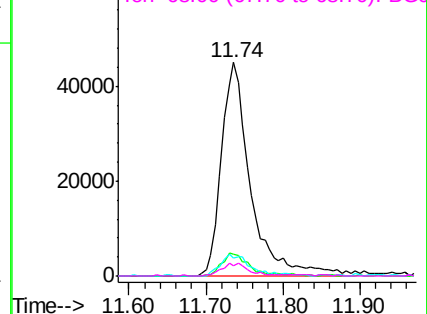
137 10.5 9.2 13.8

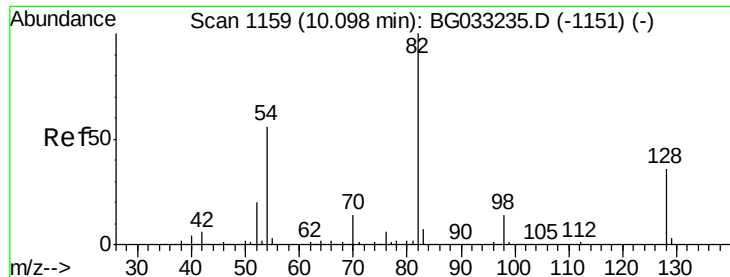
54 8.6 10.3 15.5#

68 5.1 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

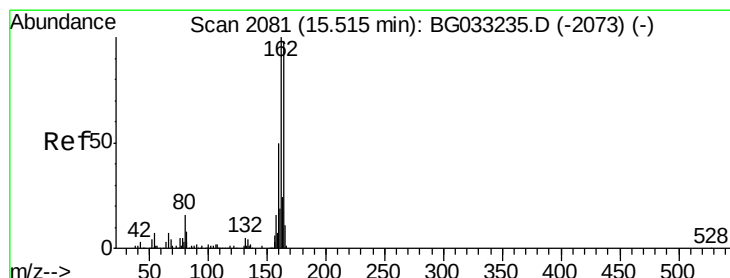
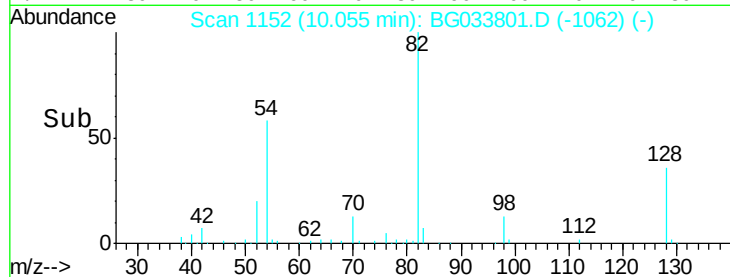
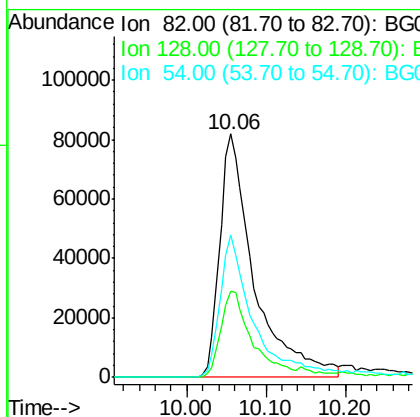
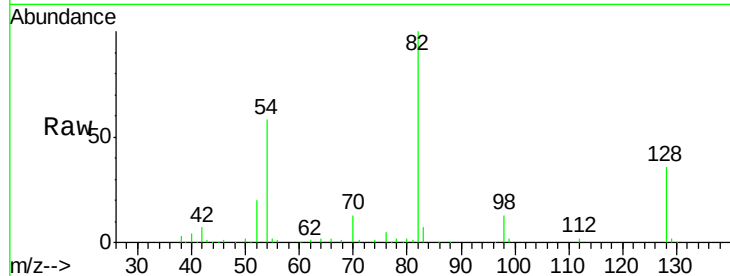




#23
 Nitrobenzene-d5
 Concen: 95.974 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG033801.D
 Acq: 13 Apr 2018 18:05

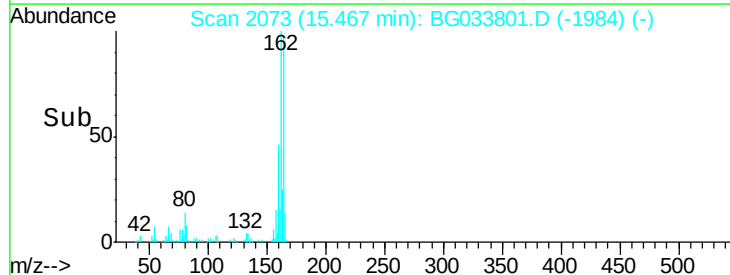
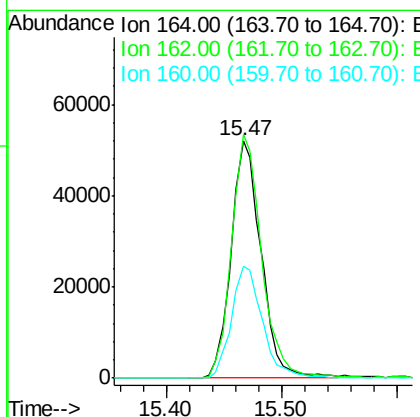
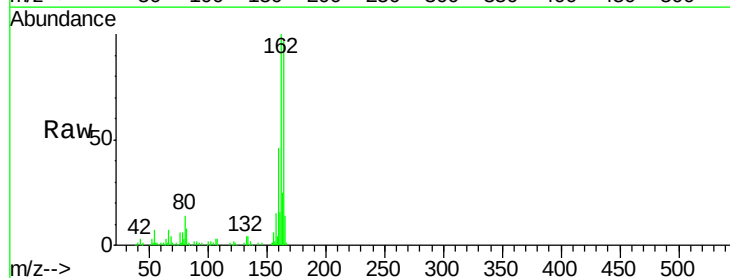
Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-B

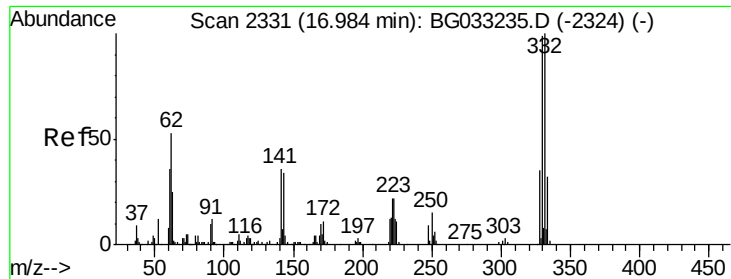
Tot Ion: 82 Resp: 245767
 Ion Ratio Lower Upper
 82 100
 128 35.6 29.7 44.5
 54 58.4 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.01 min
 Lab File: BG033801.D
 Acq: 13 Apr 2018 18:05

Tgt Ion:164 Resp: 93814
 Ion Ratio Lower Upper
 164 100
 162 102.6 78.8 118.2
 160 47.3 35.4 53.0

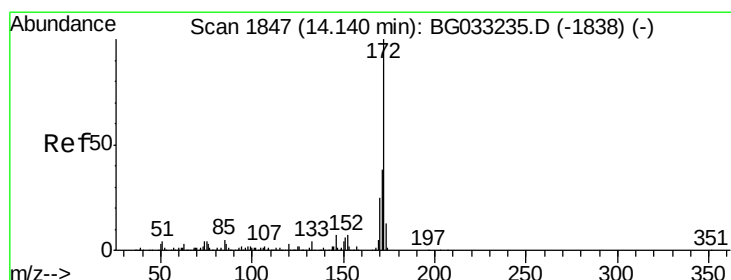
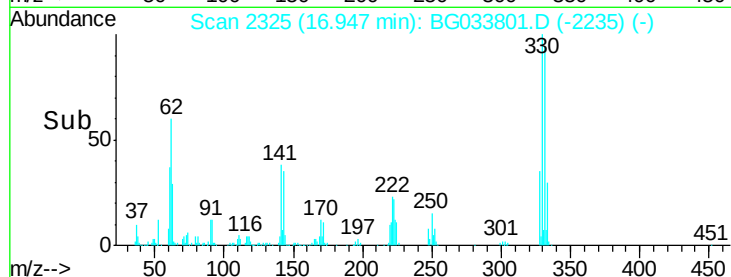
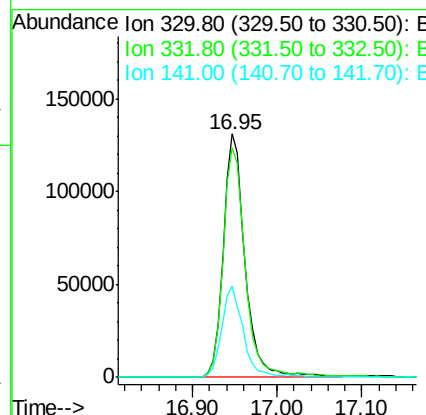
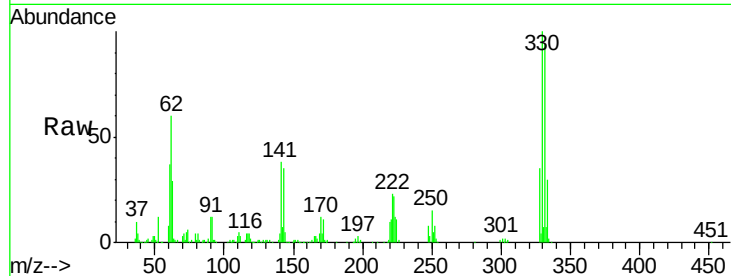




#41
 2,4,6-Tribromophenol
 Concen: 167.204 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033801.D
 Acq: 13 Apr 2018 18:05

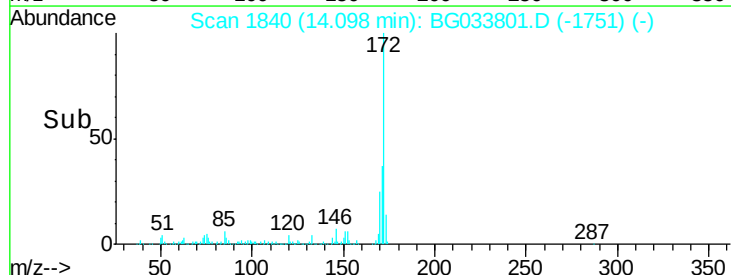
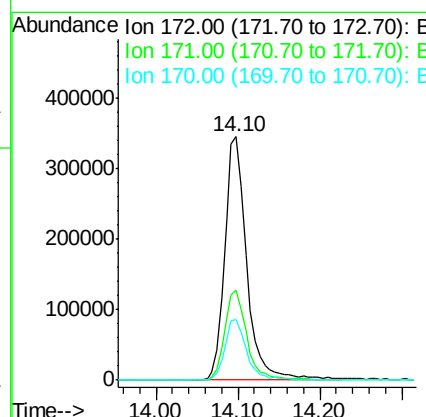
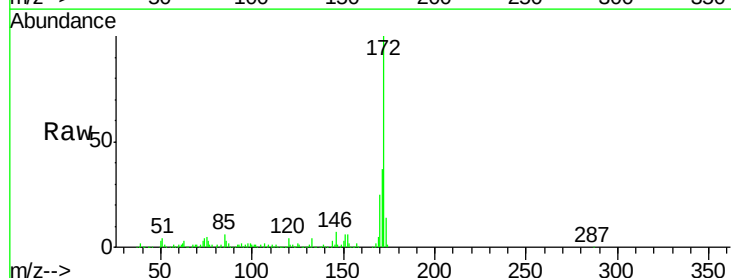
Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-B

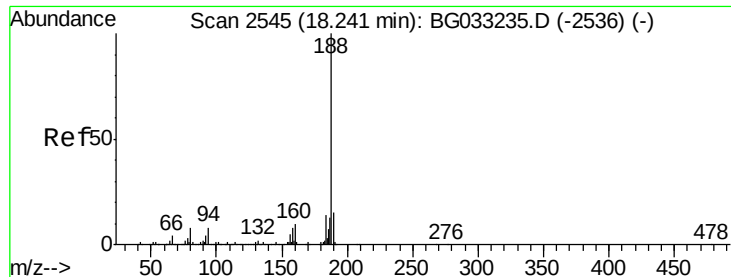
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	37.7	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 99.712 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BG033801.D
 Acq: 13 Apr 2018 18:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	25.0	19.5	29.3

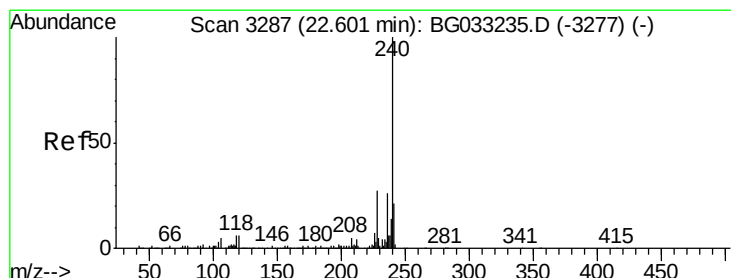
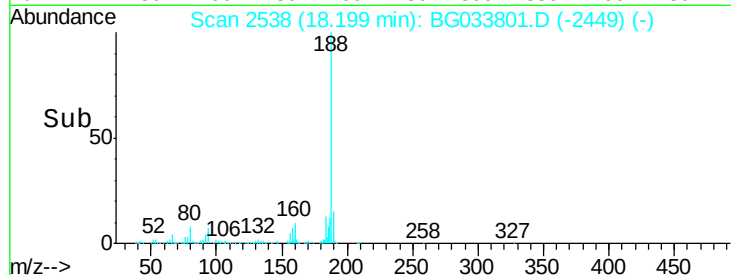
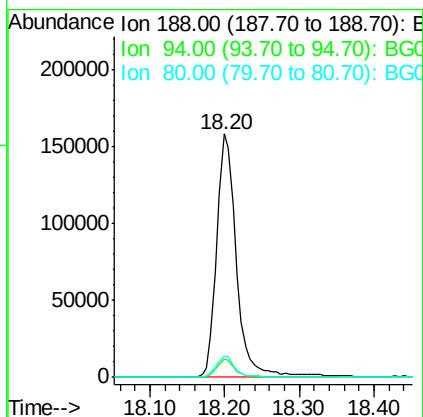
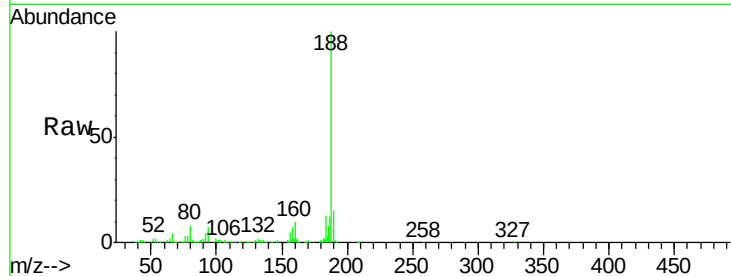




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BG033801.D
Acq: 13 Apr 2018 18:05

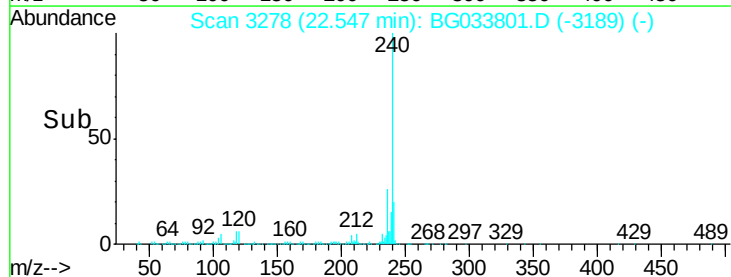
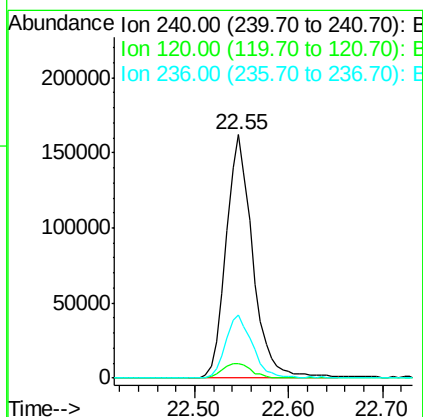
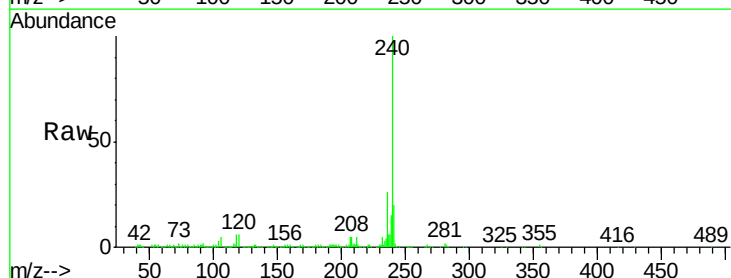
Instrument :
BNA_G
ClientSampleId :
PL-01-041118-B

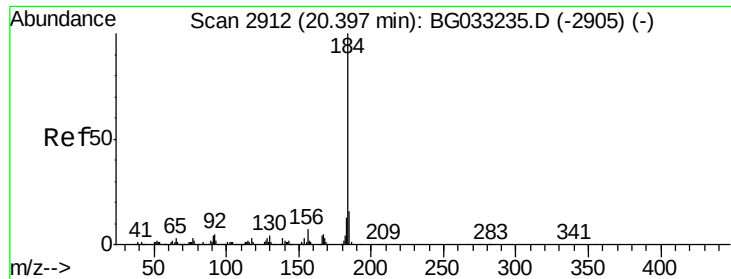
Tot Ion:188 Resp: 292043
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 8.4 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033801.D
Acq: 13 Apr 2018 18:05

Tgt Ion:240 Resp: 318811
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 25.8 20.9 31.3





#76

Benzidine

Concen: 12.607 ng

RT: 20.37 min Scan# 2908

Delta R.T. 0.01 min

Lab File: BG033801.D

Acq: 13 Apr 2018 18:05

Instrument :

BNA_G

ClientSampleId :

PL-01-041118-B

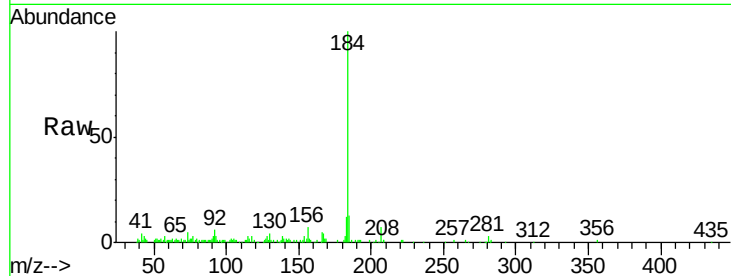
Tot Ion:184 Resp: 108998

Ion Ratio Lower Upper

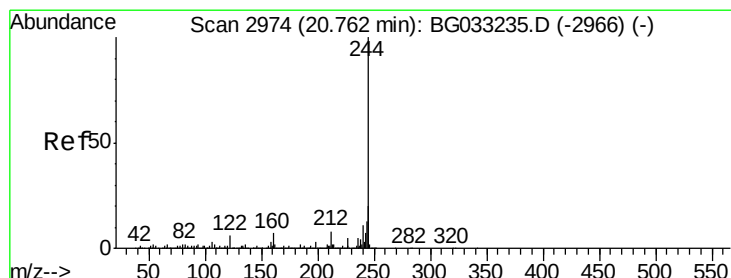
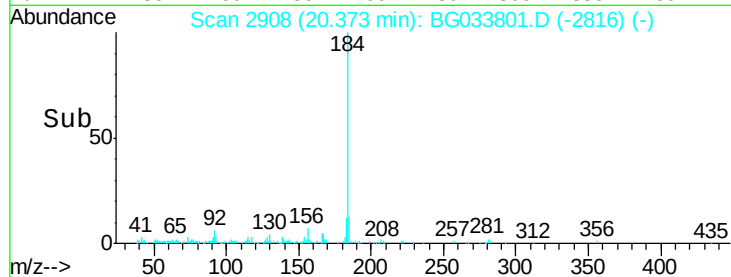
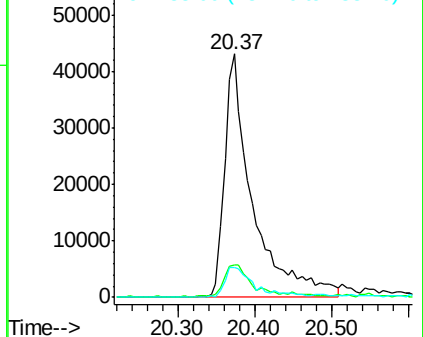
184 100

185 13.3 11.1 16.7

183 12.2 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 105.143 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033801.D

Acq: 13 Apr 2018 18:05

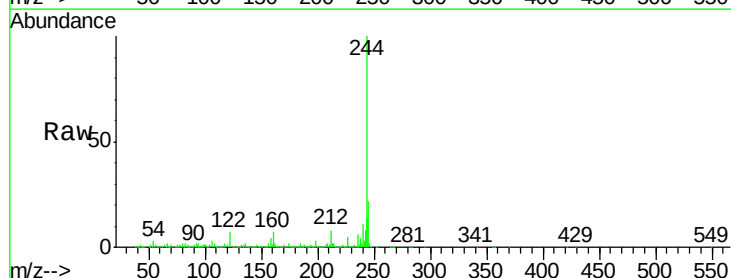
Tgt Ion:244 Resp: 1567413

Ion Ratio Lower Upper

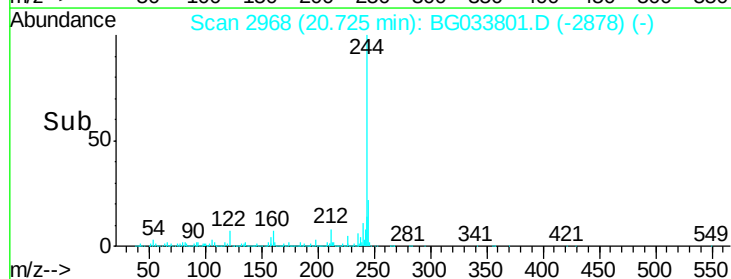
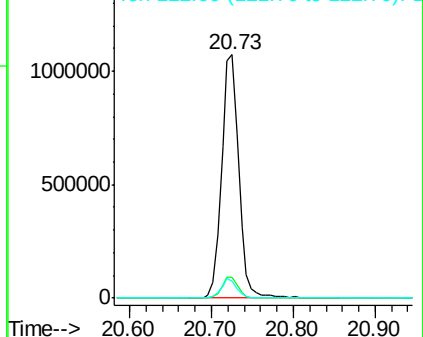
244 100

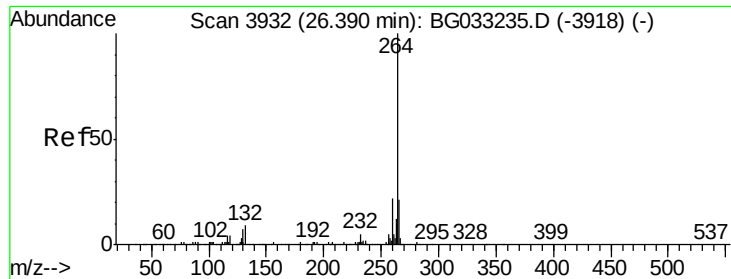
212 8.4 5.8 8.8

122 7.1 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: BG033801.D
Acq: 13 Apr 2018 18:05

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	17.4	26.0
265	22.4	17.7	26.5

