

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033631.D
 Acq On : 6 Apr 2018 16:56
 Operator : SJ/JU
 Sample : J2153-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-040418-B

Quant Time: Apr 07 01:10:38 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

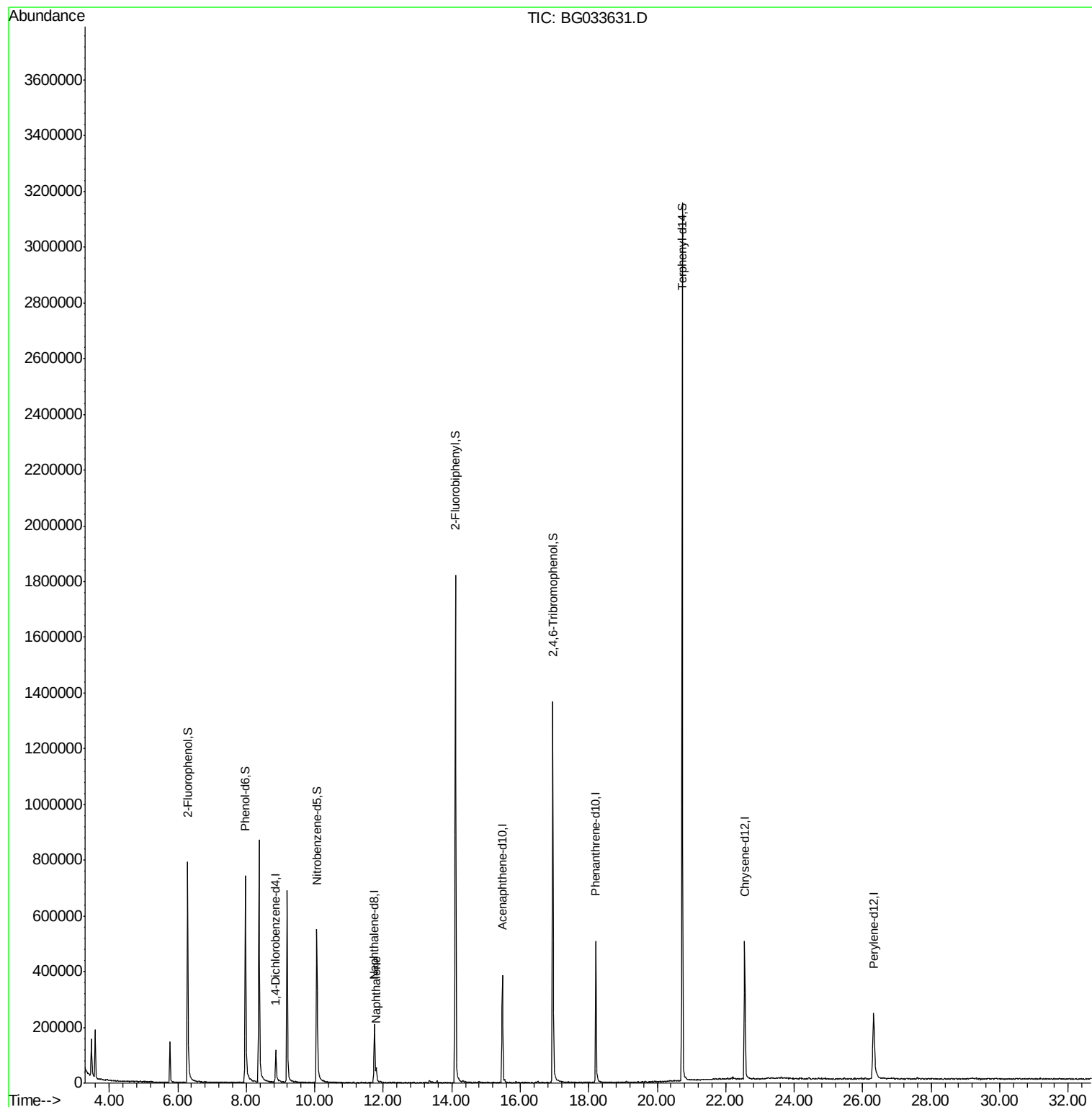
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	43455	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	199074	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	145544	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	356819	20.00	ng	0.00
75) Chrysene-d12	22.55	240	353271	20.00	ng	0.00
86) Perylene-d12	26.32	264	353107	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	378683	163.40	ng	0.00
7) Phenol-d6	7.98	99	519188	130.39	ng	0.00
23) Nitrobenzene-d5	10.06	82	433532	100.05	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	264493	121.51	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	1020204	101.19	ng	0.00
78) Terphenyl-d14	20.73	244	1640767	99.33	ng	0.00
Target Compounds						
31) Naphthalene	11.80	128	41870	4.059	ng	Qvalue 100

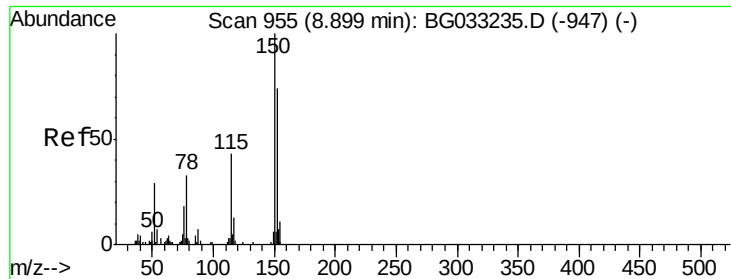
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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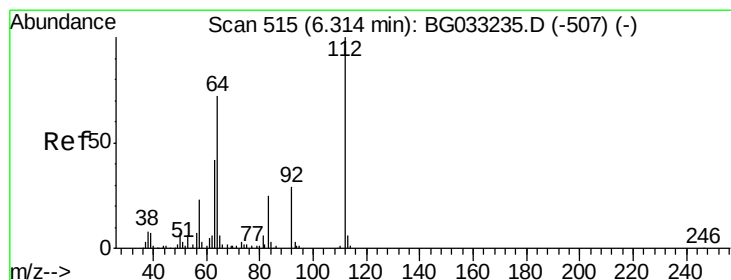
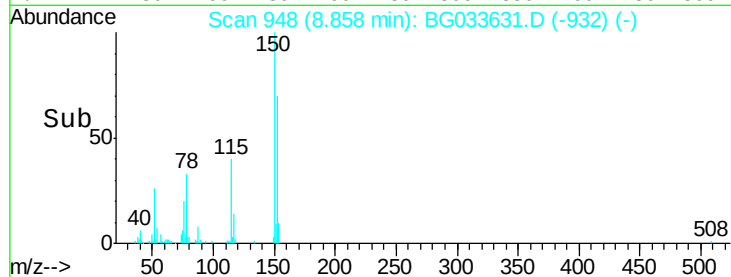
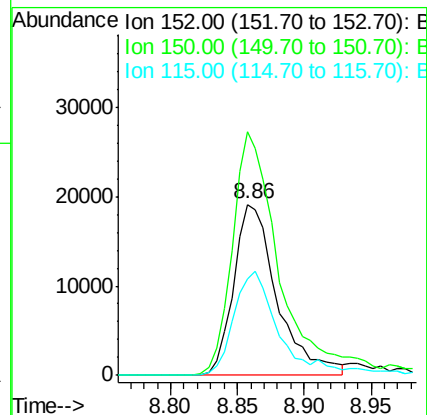
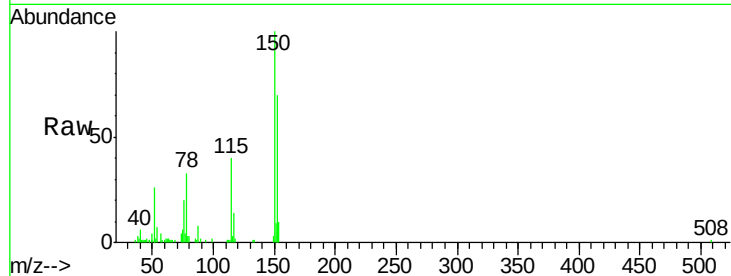


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033631.D
Acq: 6 Apr 2018 16:56

Instrument :
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HR-06-040418-B

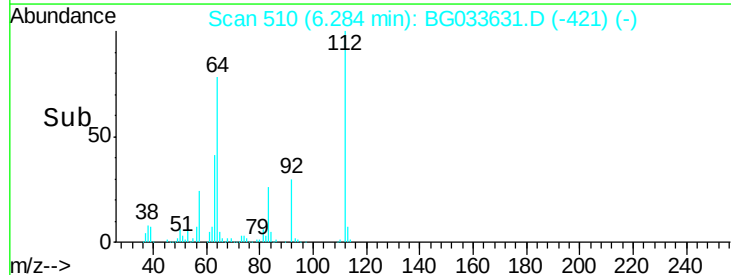
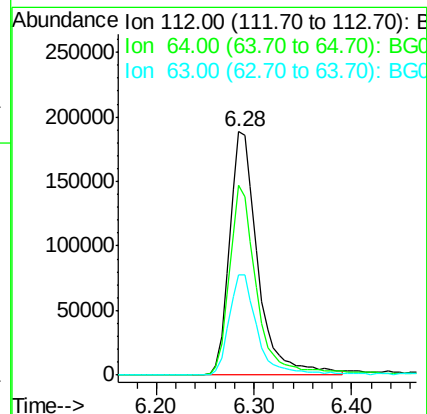
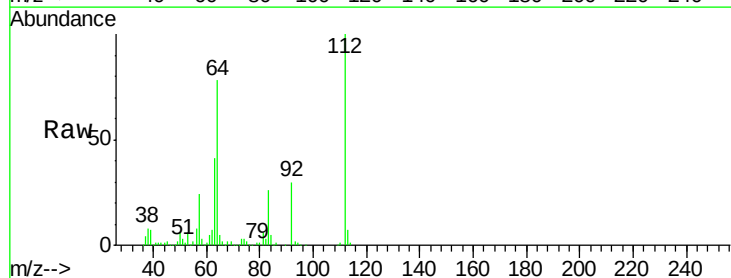
Tot Ion	Ratio	Lower	Upper
152	100		
150	142.6	126.6	189.8
115	56.7	53.0	79.4

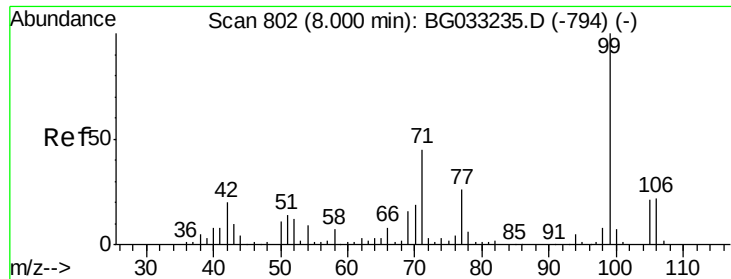


#5

2-Fluorophenol
Concen: 163.405 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033631.D
Acq: 6 Apr 2018 16:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.1	56.3	84.5
63	41.1	30.1	45.1





#7

Phenol-d6

Concen: 130.388 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.01 min

Lab File: BG033631.D

Acq: 6 Apr 2018 16:56

Instrument :

BNA_G

ClientSampleId :

HR-06-040418-B

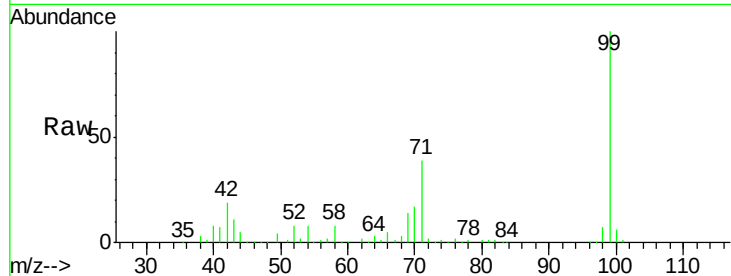
Tot Ion: 99 Resp: 519188

Ion Ratio Lower Upper

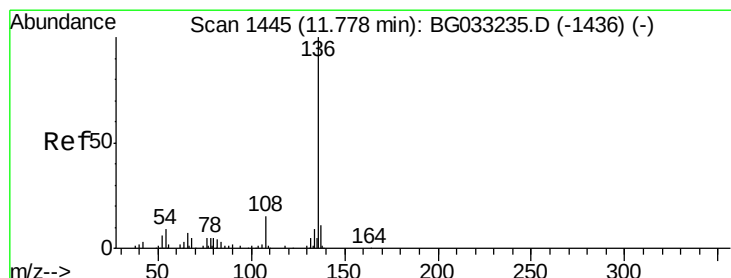
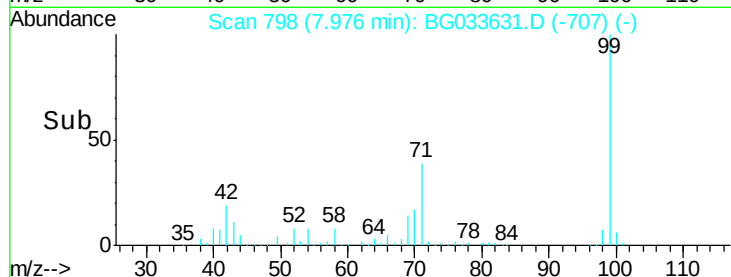
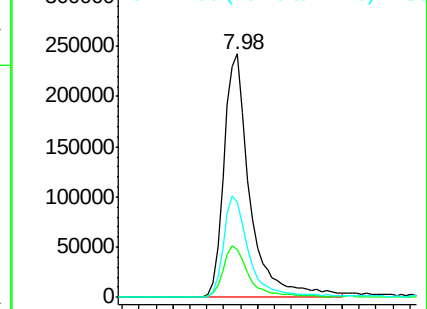
99 100

42 19.4 14.1 21.1

71 39.2 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. -0.00 min

Lab File: BG033631.D

Acq: 6 Apr 2018 16:56

Tgt Ion: 136 Resp: 199074

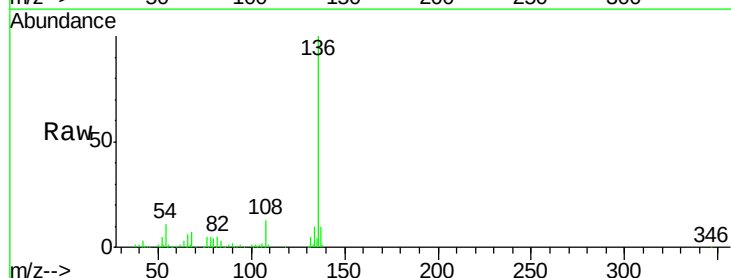
Ion Ratio Lower Upper

136 100

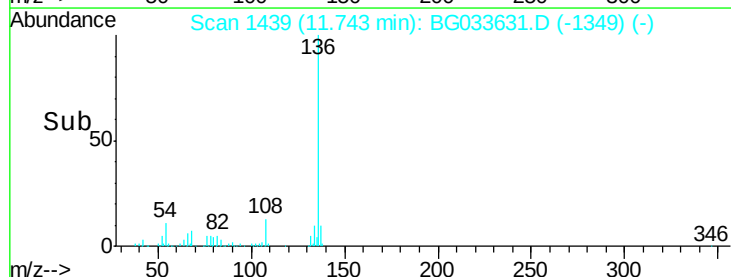
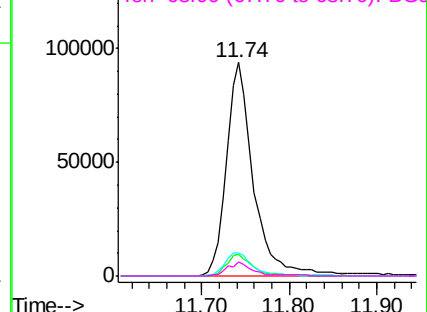
137 10.2 9.2 13.8

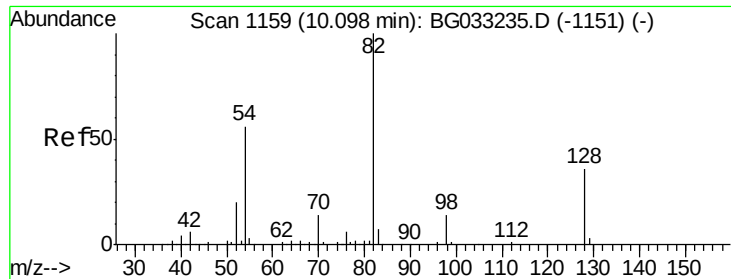
54 10.8 10.3 15.5

68 6.6 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

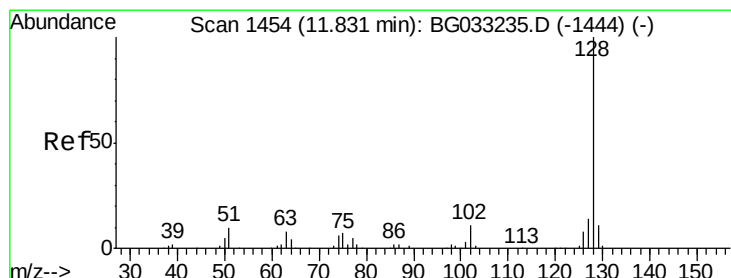
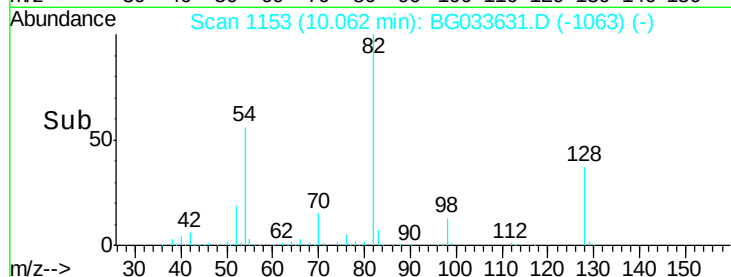
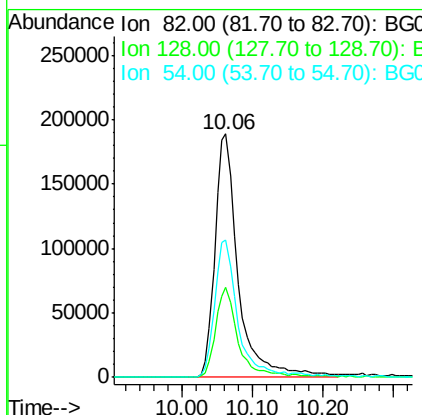
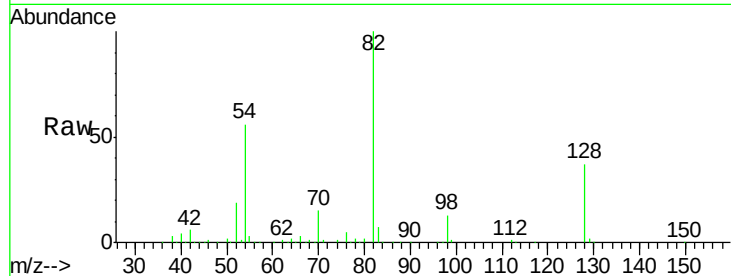




#23
 Nitrobenzene-d5
 Concen: 100.054 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033631.D
 Acq: 6 Apr 2018 16:56

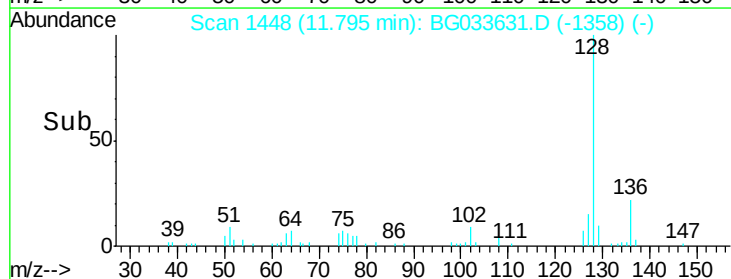
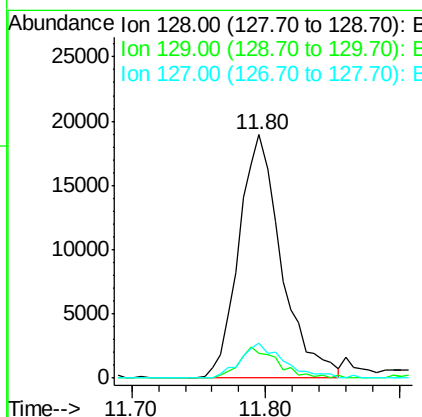
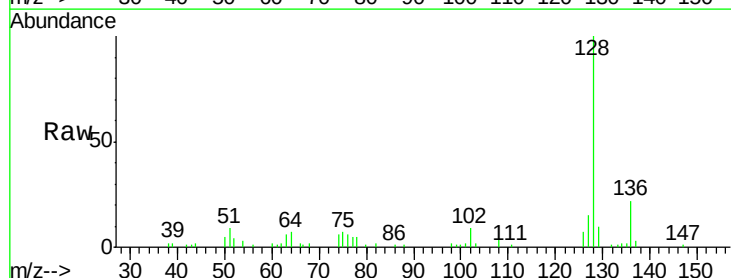
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-040418-B

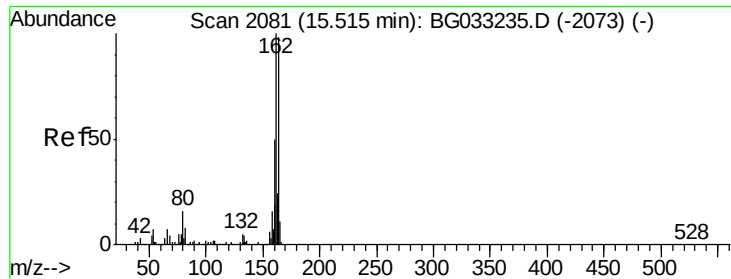
Tot Ion: 82 Resp: 433532
 Ion Ratio Lower Upper
 82 100
 128 36.7 29.7 44.5
 54 56.3 43.1 64.7



#31
 Naphthalene
 Concen: 4.059 ng
 RT: 11.80 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BG033631.D
 Acq: 6 Apr 2018 16:56

Tgt Ion: 128 Resp: 41870
 Ion Ratio Lower Upper
 128 100
 129 10.4 8.6 12.8
 127 14.5 11.6 17.4

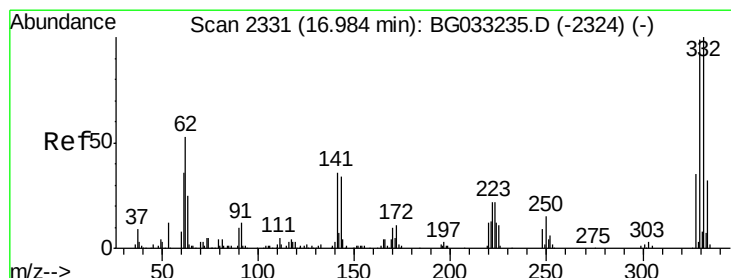
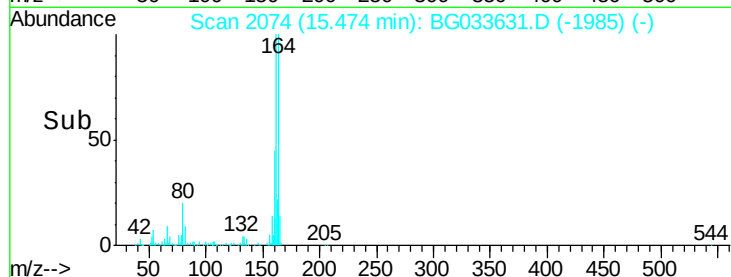
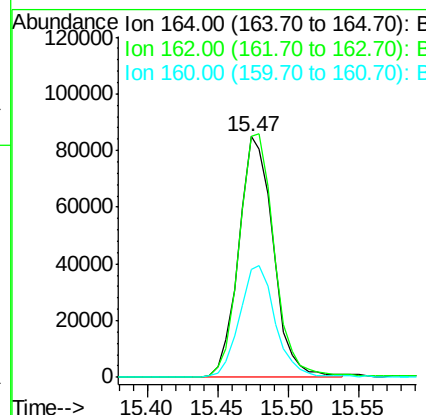
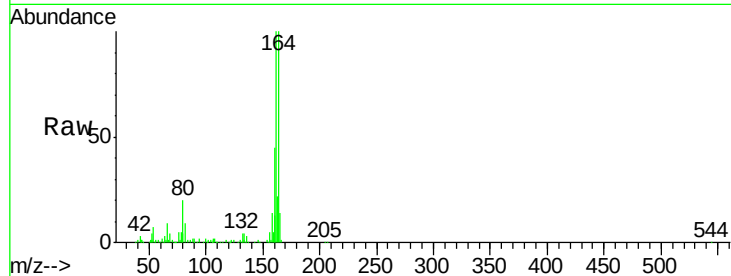




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BG033631.D
Acq: 6 Apr 2018 16:56

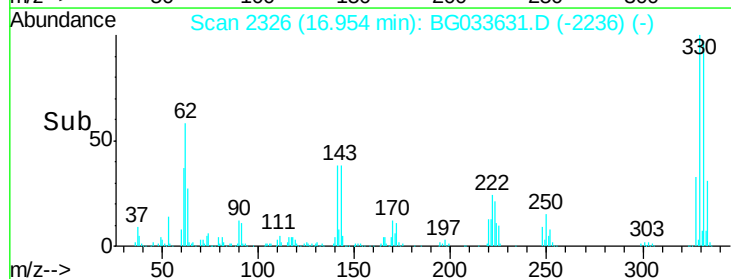
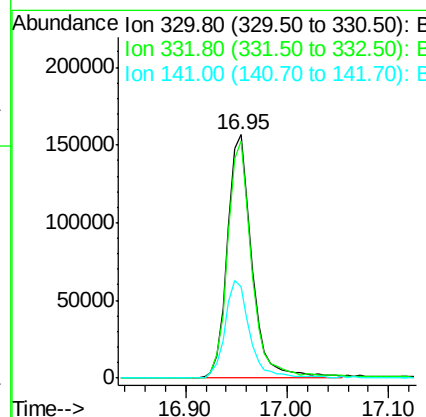
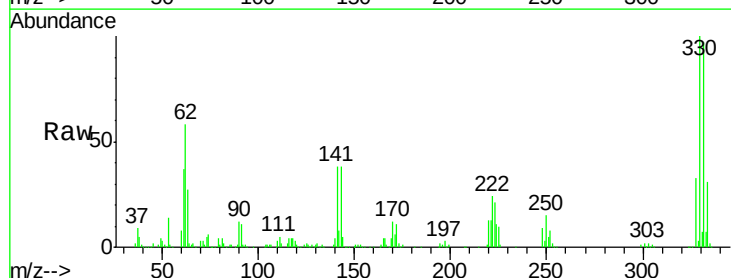
Instrument :
BNA_G
ClientSampleId :
HR-06-040418-B

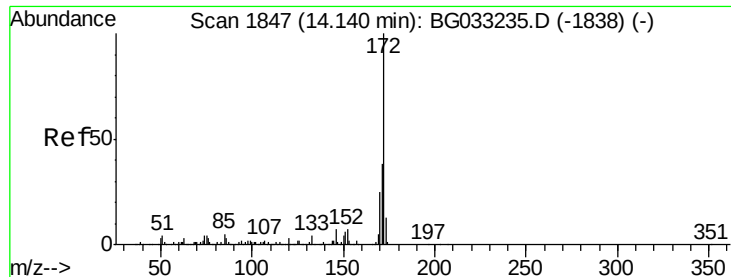
Tot Ion:164 Resp: 145544
Ion Ratio Lower Upper
164 100
162 100.0 78.8 118.2
160 45.0 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 121.507 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG033631.D
Acq: 6 Apr 2018 16:56

Tgt Ion:330 Resp: 264493
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.6
141 40.1 25.2 37.8#

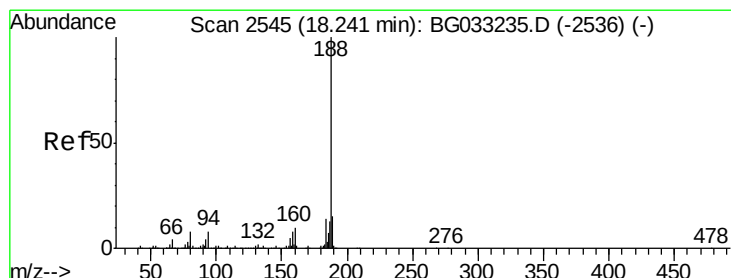
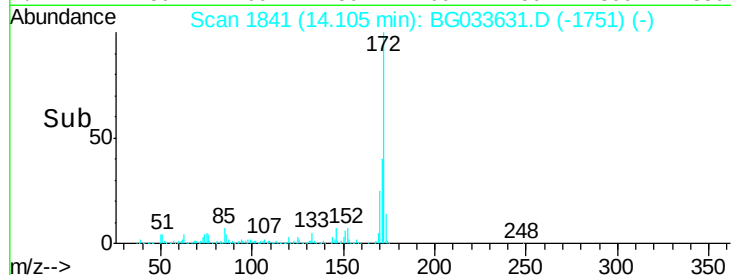
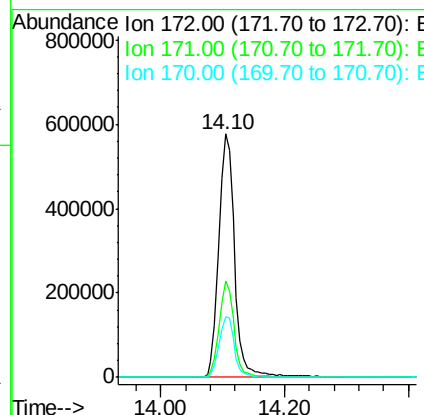
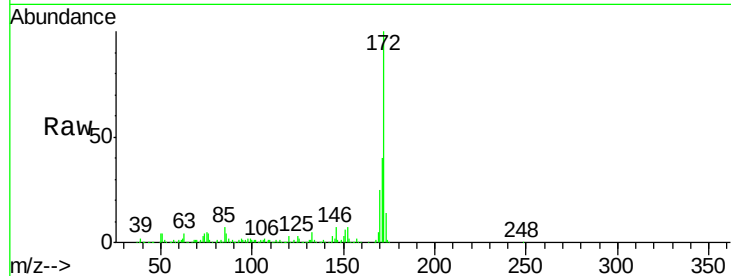




#44
2-Fluorobiphenyl
Concen: 101.193 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG033631.D
Acq: 6 Apr 2018 16:56

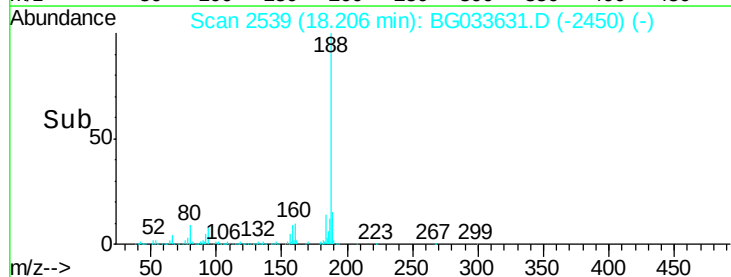
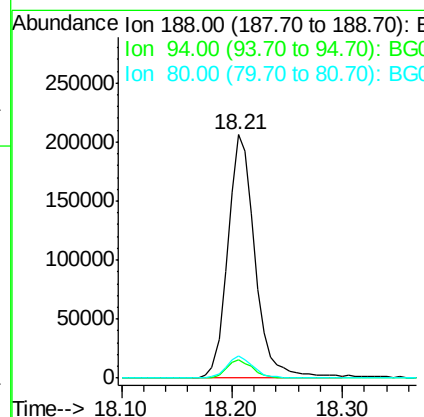
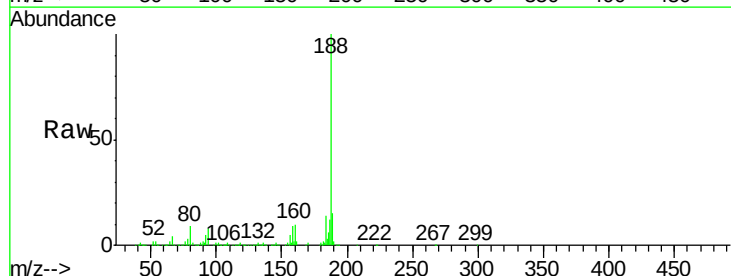
Instrument :
BNA_G
ClientSampleId :
HR-06-040418-B

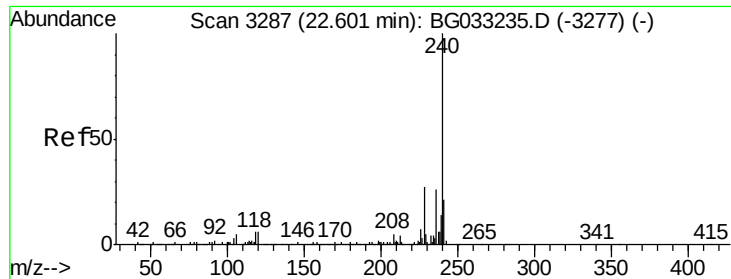
Tot Ion:172 Resp: 1020204
Ion Ratio Lower Upper
172 100
171 39.6 30.0 45.0
170 25.0 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033631.D
Acq: 6 Apr 2018 16:56

Tgt Ion:188 Resp: 356819
Ion Ratio Lower Upper
188 100
94 7.6 6.9 10.3
80 9.3 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033631.D

Acq: 6 Apr 2018 16:56

Instrument :

BNA_G

ClientSampleId :

HR-06-040418-B

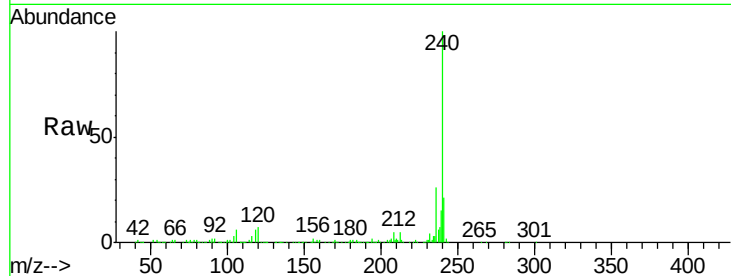
Tot Ion:240 Resp: 353271

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

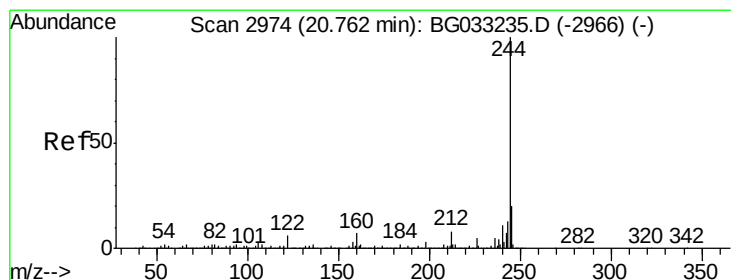
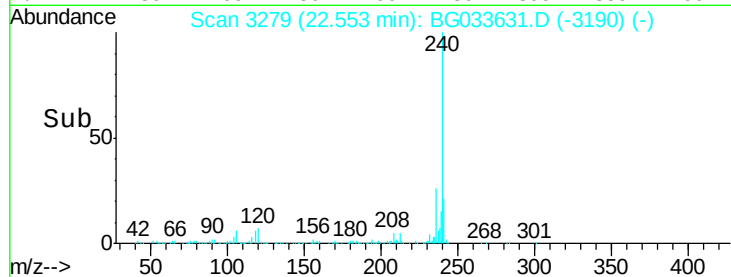
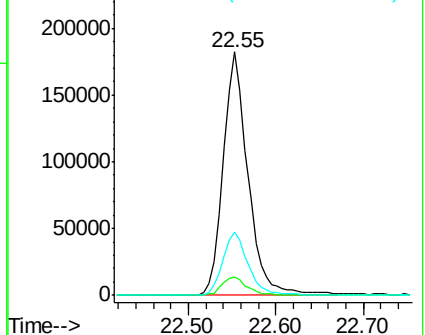
236 26.1 20.9 31.3



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: 99.328 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.01 min

Lab File: BG033631.D

Acq: 6 Apr 2018 16:56

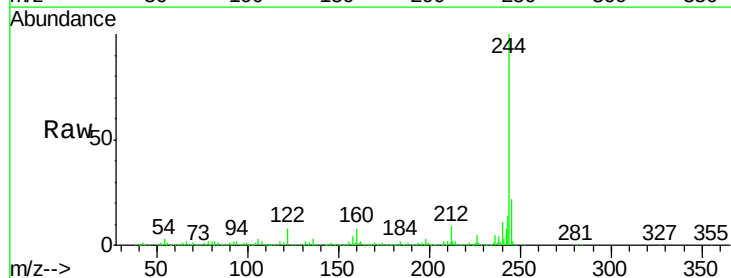
Tgt Ion:244 Resp: 1640767

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

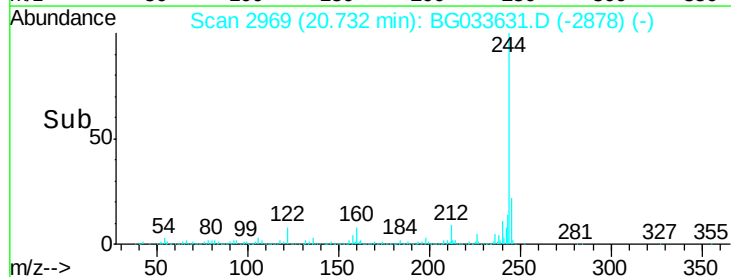
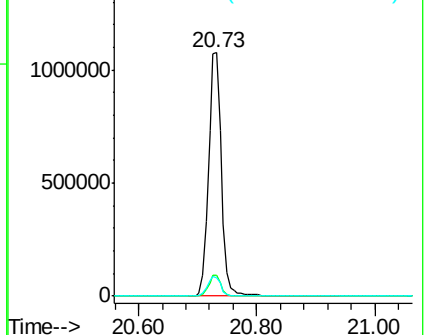
122 7.6 7.0 10.4

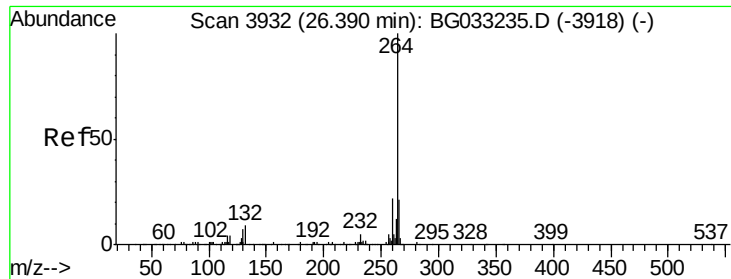


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. -0.00 min
 Lab File: BG033631.D
 Acq: 6 Apr 2018 16:56

Instrument :
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 HR-06-040418-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.3	17.4	26.0#
265	22.2	17.7	26.5

