

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033639.D
 Acq On : 6 Apr 2018 21:57
 Operator : SJ/JU
 Sample : J2228-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ACV-102-20-ACV-43-30

Quant Time: Apr 07 01:24:37 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

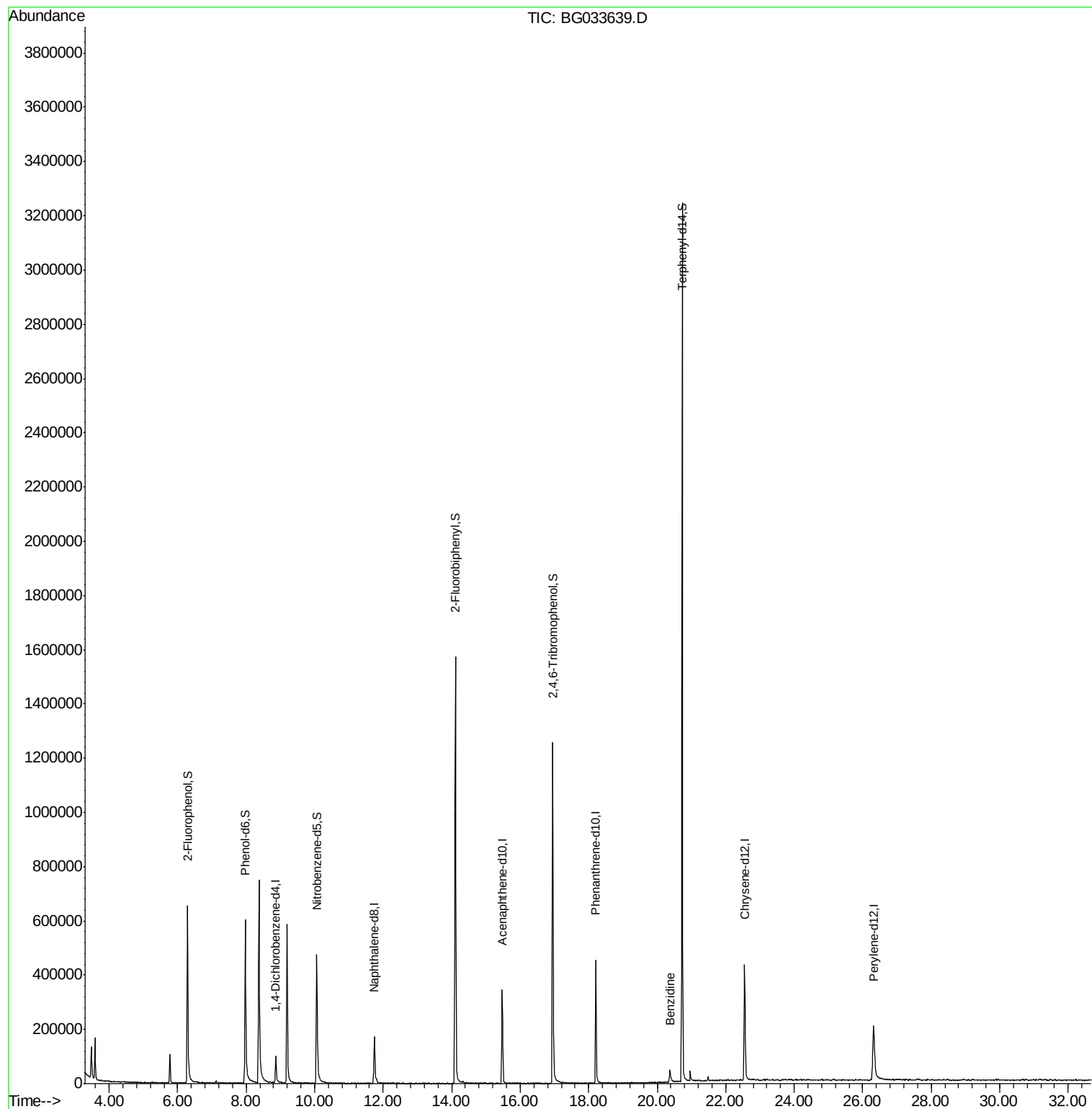
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	36893	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	169399	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	133147	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	324230	20.00	ng	0.00
75) Chrysene-d12	22.56	240	332832	20.00	ng	0.00
86) Perylene-d12	26.32	264	312822	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	315408	160.31	ng	0.00
7) Phenol-d6	7.97	99	420377	124.35	ng	0.00
23) Nitrobenzene-d5	10.06	82	370650	100.53	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	246184	123.63	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	906997	98.34	ng	0.00
78) Terphenyl-d14	20.73	244	1543694	99.19	ng	0.00
Target Compounds						
76) Benzidine	20.38	184	44860	4.970	ng	Qvalue 96

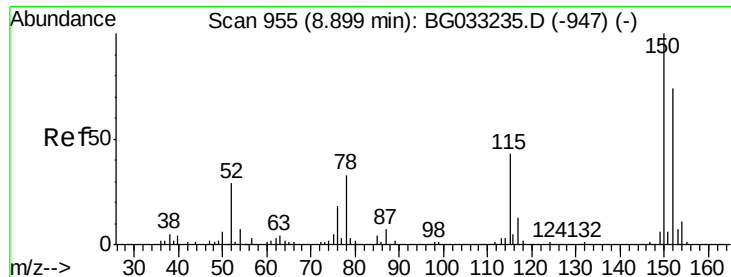
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
Data File : BG033639.D
Acq On : 6 Apr 2018 21:57
Operator : SJ/JU
Sample : J2228-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ACV-102-20-ACV-43-30

Quant Time: Apr 07 01:24:37 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



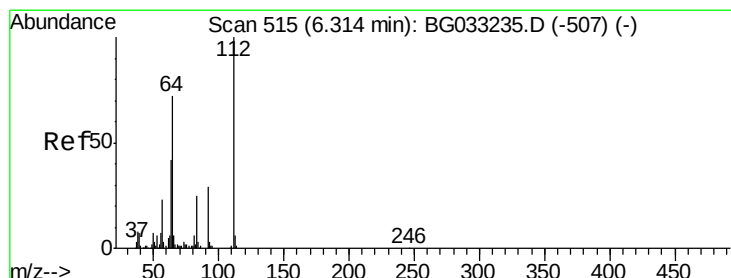
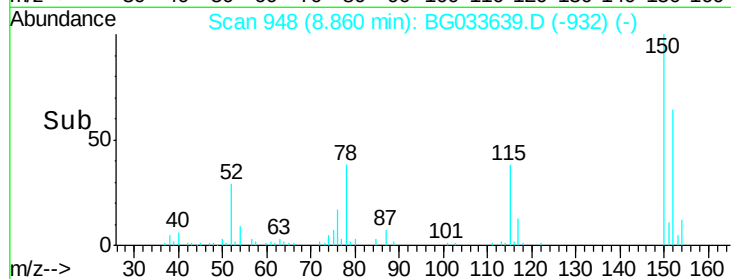
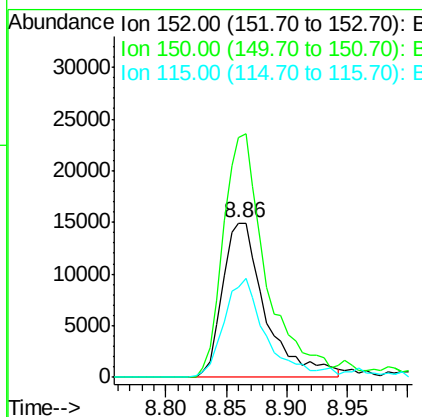
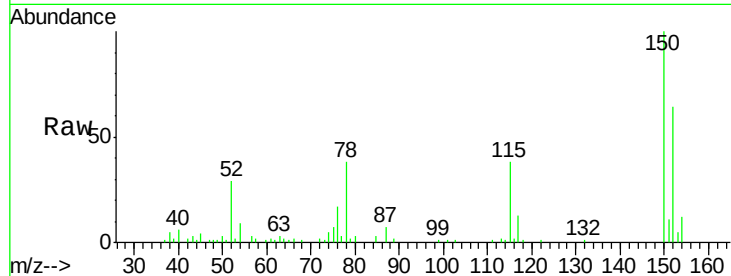


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033639.D
Acq: 6 Apr 2018 21:57

Instrument :
BNA_G
ClientSampleId :
ACV-102-20-ACV-43-30

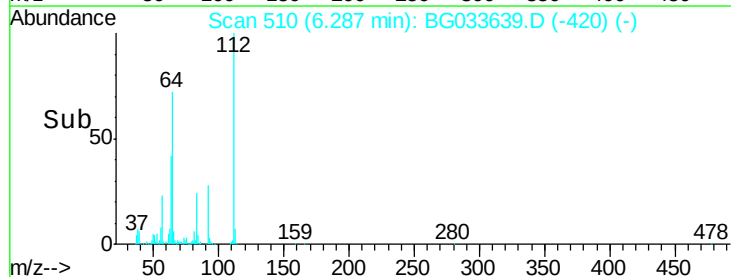
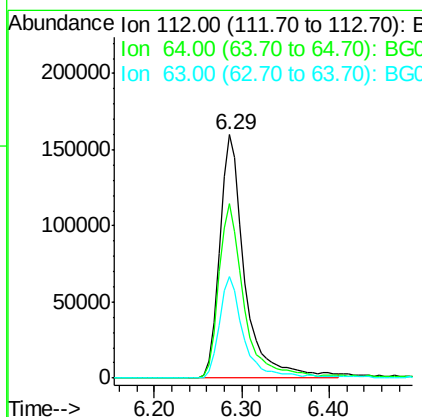
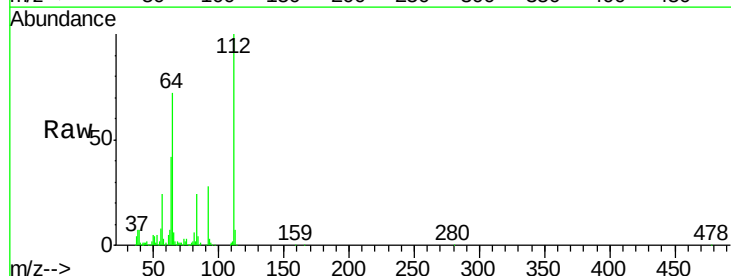
Tot Ion:152 Resp: 36893
Ion Ratio Lower Upper
152 100
150 155.5 126.6 189.8
115 58.6 53.0 79.4

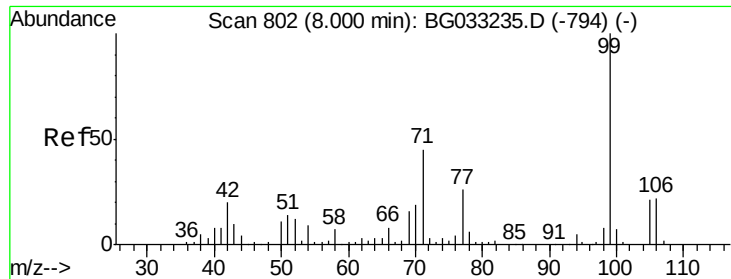


#5

2-Fluorophenol
Concen: 160.309 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033639.D
Acq: 6 Apr 2018 21:57

Tgt Ion:112 Resp: 315408
Ion Ratio Lower Upper
112 100
64 71.7 56.3 84.5
63 41.6 30.1 45.1





#7

Phenol-d6

Concen: 124.351 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033639.D

Acq: 6 Apr 2018 21:57

Instrument :

BNA_G

ClientSampleId :

ACV-102-20-ACV-43-30

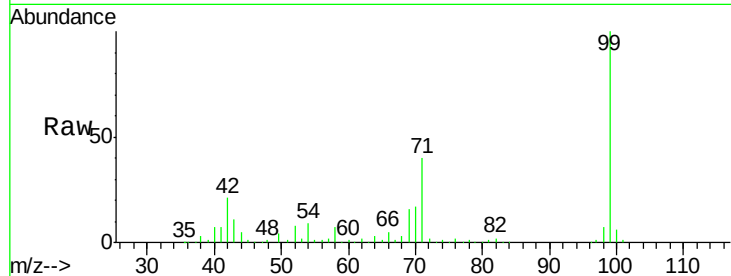
Tot Ion: 99 Resp: 420377

Ion Ratio Lower Upper

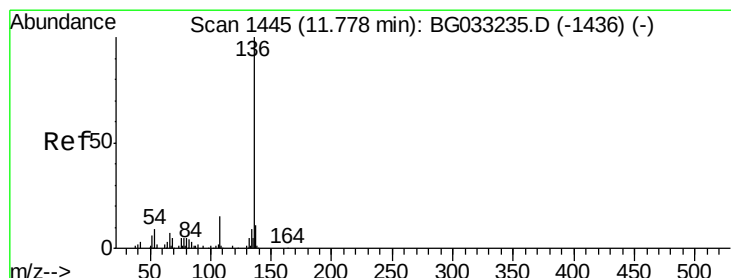
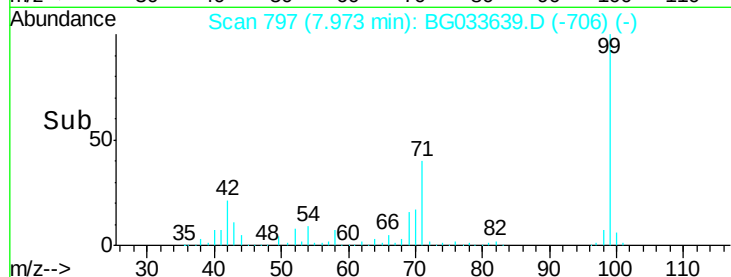
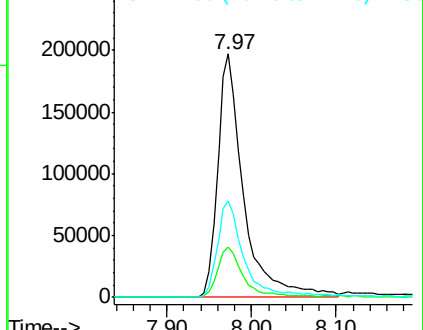
99 100

42 20.8 14.1 21.1

71 39.7 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: BG033639.D

Acq: 6 Apr 2018 21:57

Tgt Ion: 136 Resp: 169399

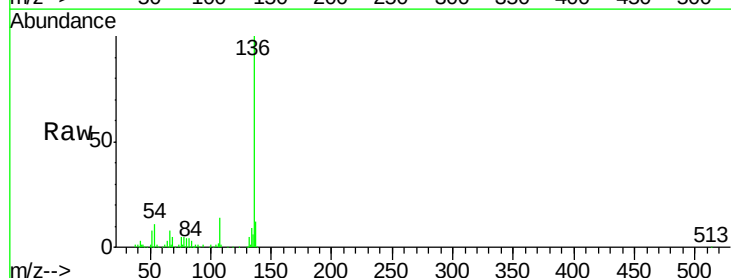
Ion Ratio Lower Upper

136 100

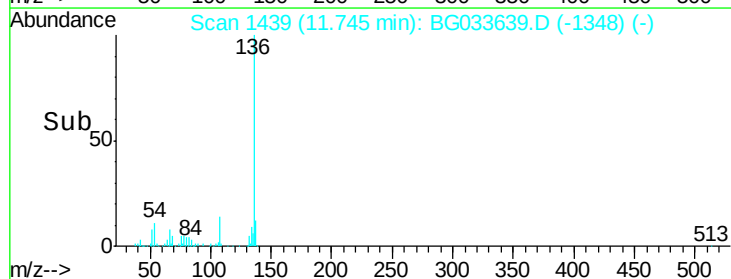
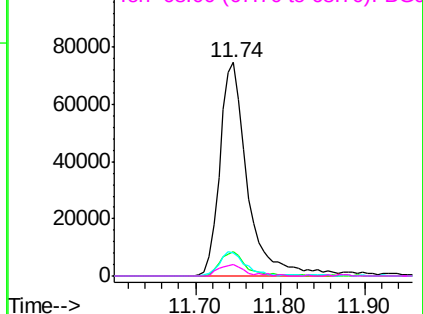
137 11.6 9.2 13.8

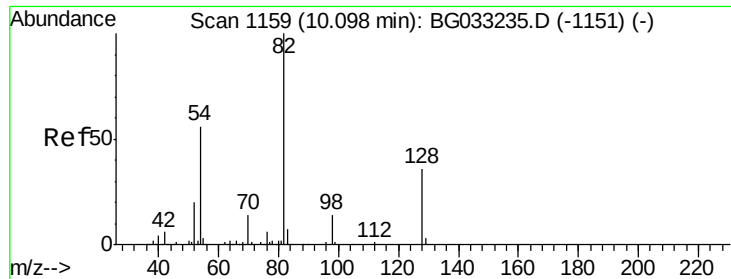
54 11.1 10.3 15.5

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

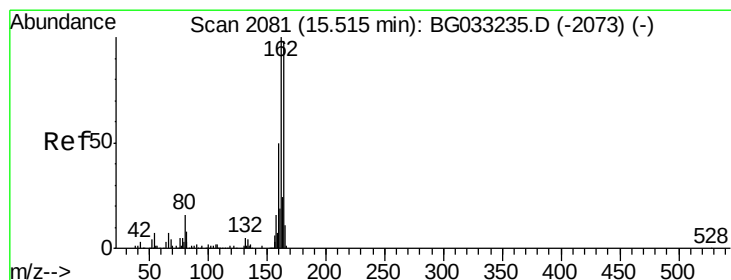
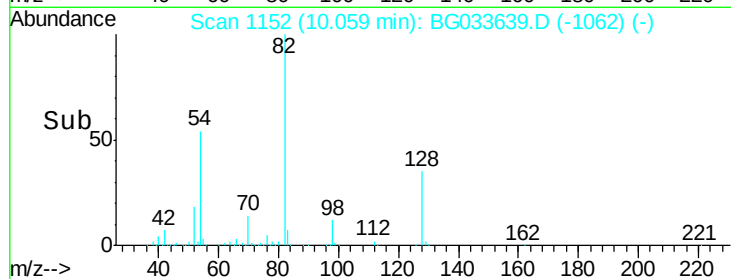
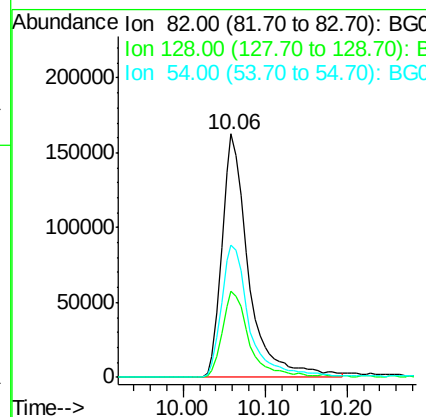
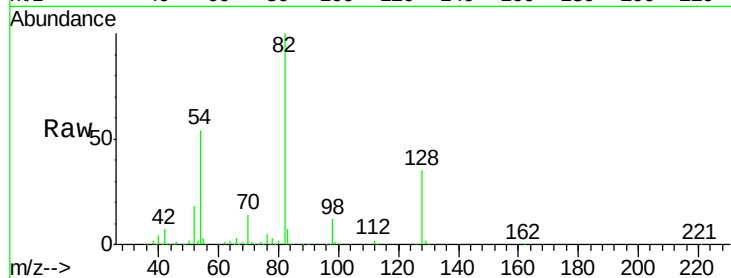




#23
 Nitrobenzene-d5
 Concen: 100.527 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG033639.D
 Acq: 6 Apr 2018 21:57

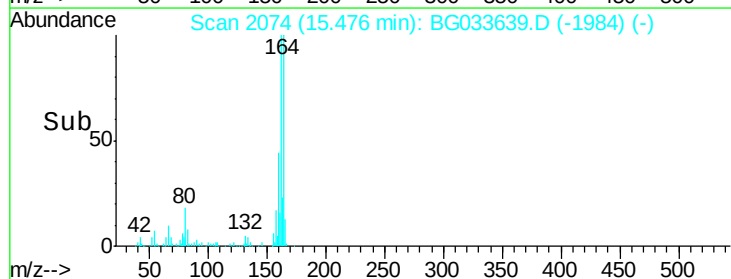
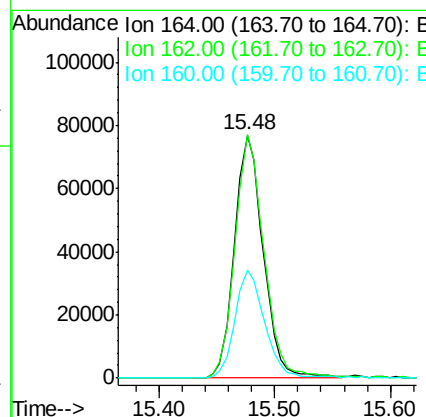
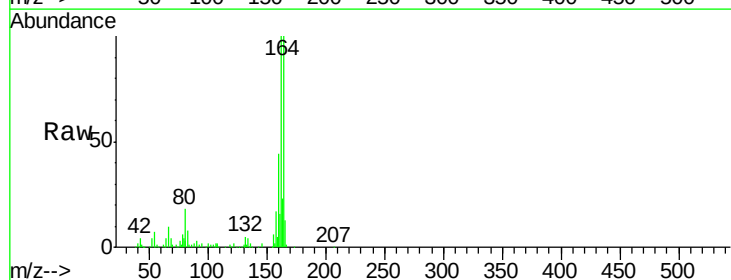
Instrument :
 BNA_G
 ClientSampleId :
 ACV-102-20-ACV-43-30

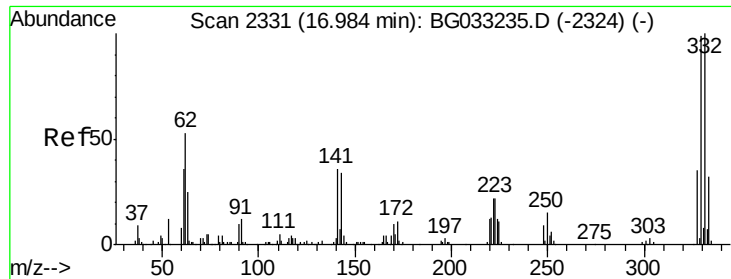
Tot Ion: 82 Resp: 370650
 Ion Ratio Lower Upper
 82 100
 128 35.2 29.7 44.5
 54 54.3 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG033639.D
 Acq: 6 Apr 2018 21:57

Tgt Ion:164 Resp: 133147
 Ion Ratio Lower Upper
 164 100
 162 100.4 78.8 118.2
 160 44.7 35.4 53.0

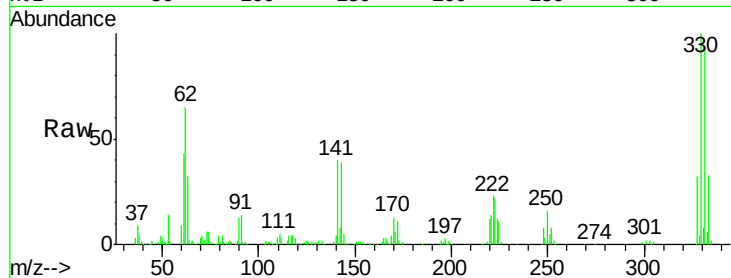




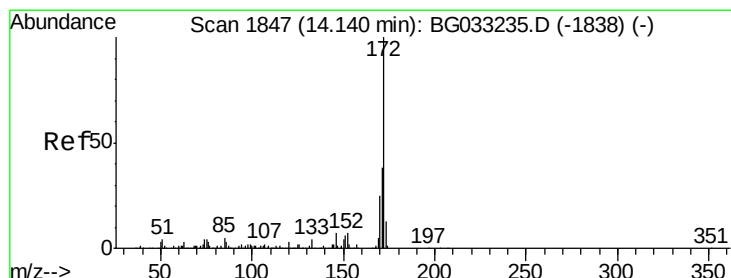
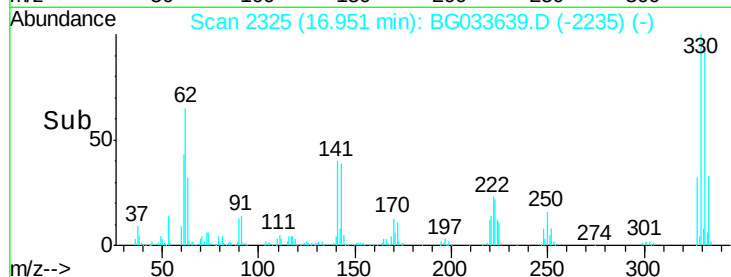
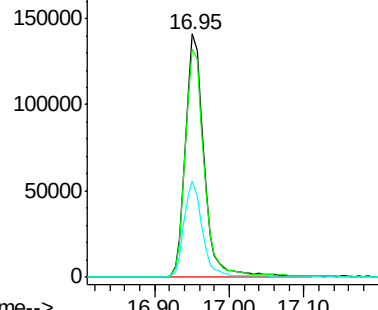
#41
 2,4,6-Tribromophenol
 Concen: 123.626 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033639.D
 Acq: 6 Apr 2018 21:57

Instrument :
 BNA_G
 ClientSampleId :
 ACV-102-20-ACV-43-30

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	38.7	25.2	37.8#

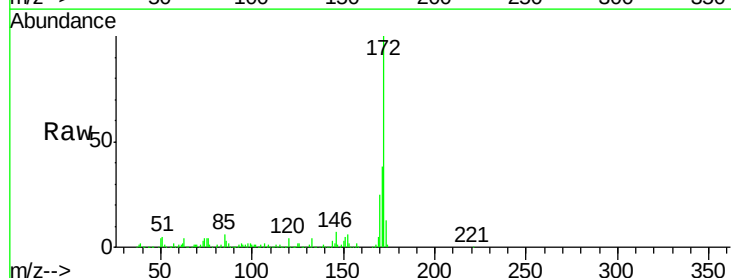


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

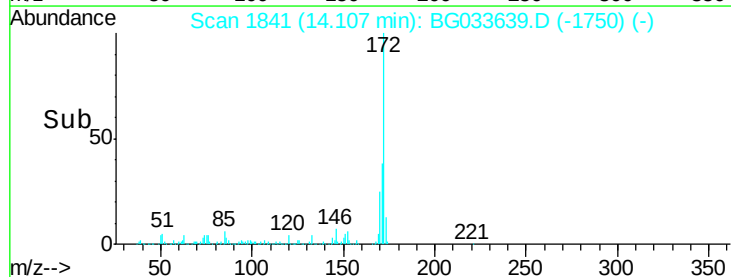
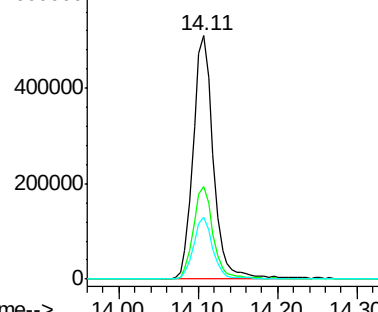


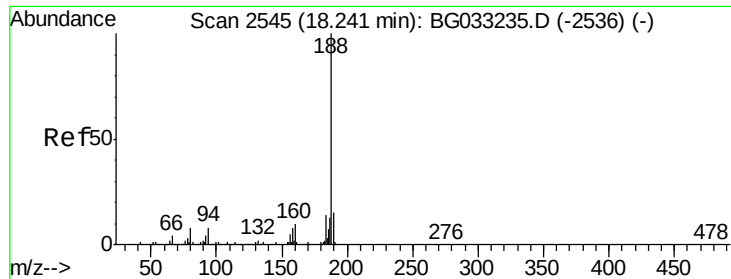
#44
 2-Fluorobiphenyl
 Concen: 98.340 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033639.D
 Acq: 6 Apr 2018 21:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	25.5	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# 2539

Delta R.T. -0.00 min

Lab File: BG033639.D

Acq: 6 Apr 2018 21:57

Instrument :

BNA_G

ClientSampleId :

ACV-102-20-ACV-43-30

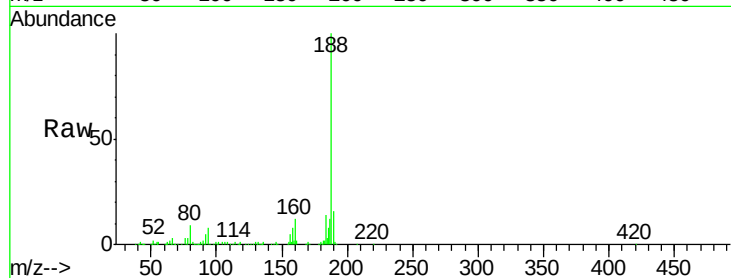
Tot Ion:188 Resp: 324230

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

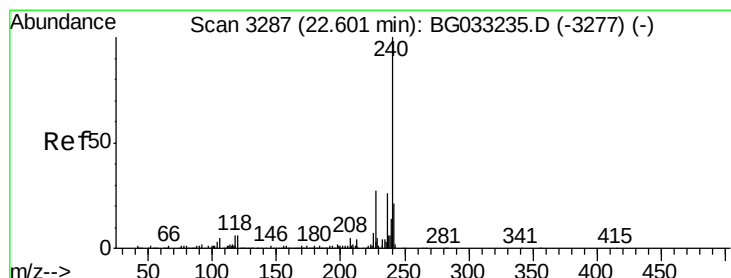
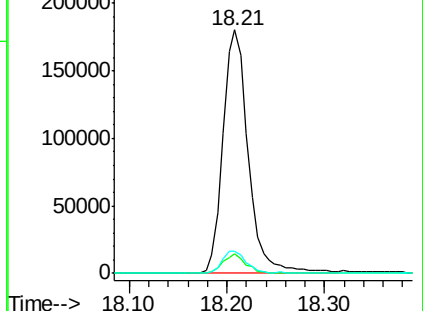
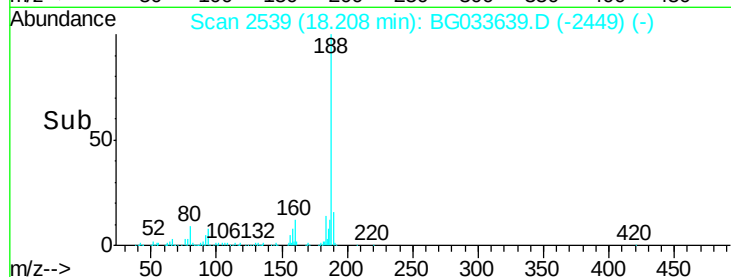
80 9.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3279

Delta R.T. -0.00 min

Lab File: BG033639.D

Acq: 6 Apr 2018 21:57

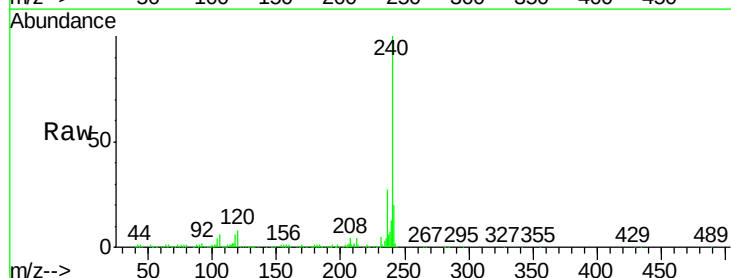
Tgt Ion:240 Resp: 332832

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

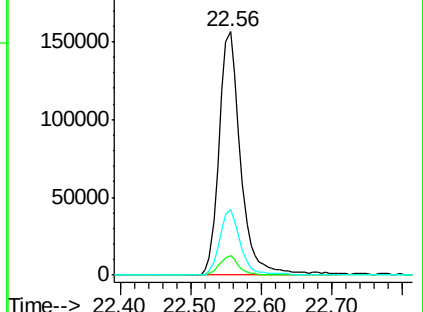
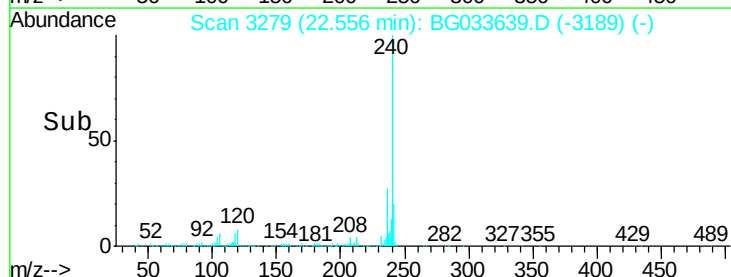
236 27.2 20.9 31.3

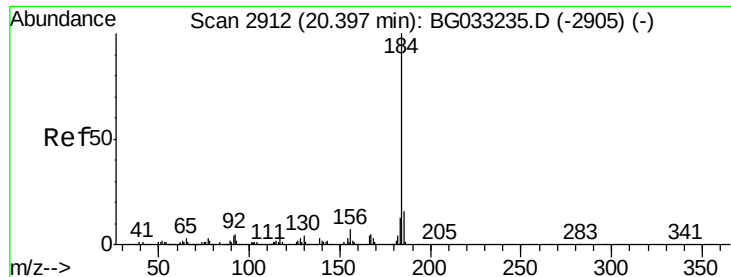


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 4.970 ng

RT: 20.38 min Scan# 2908

Delta R.T. 0.01 min

Lab File: BG033639.D

Acq: 6 Apr 2018 21:57

Instrument :

BNA_G

ClientSampleId :

ACV-102-20-ACV-43-30

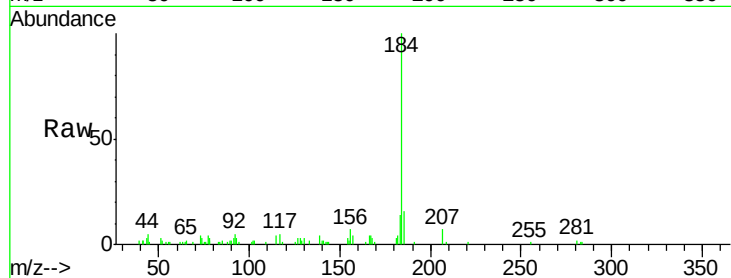
Tot Ion:184 Resp: 44860

Ion Ratio Lower Upper

184 100

185 16.1 11.1 16.7

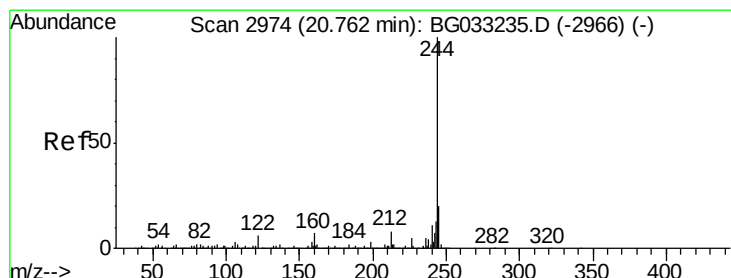
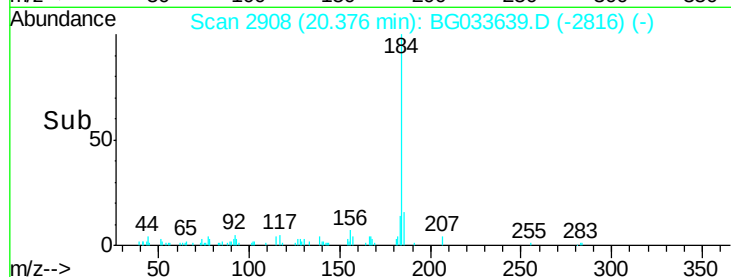
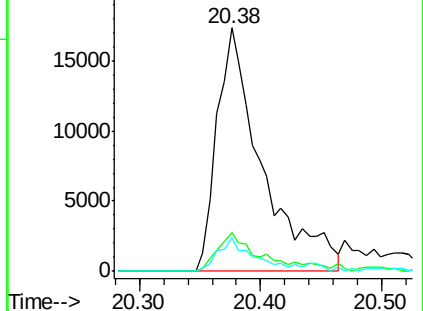
183 14.0 10.6 16.0



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: 99.190 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033639.D

Acq: 6 Apr 2018 21:57

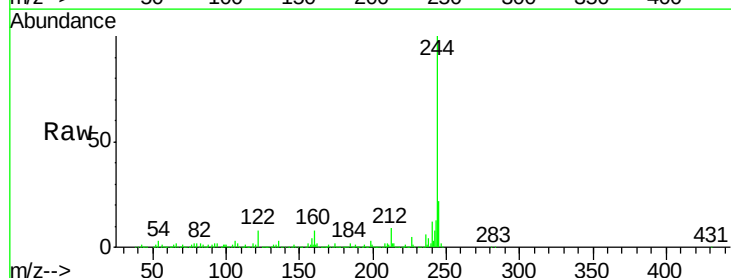
Tgt Ion:244 Resp: 1543694

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

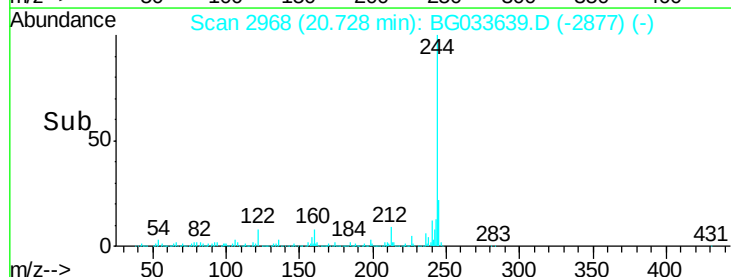
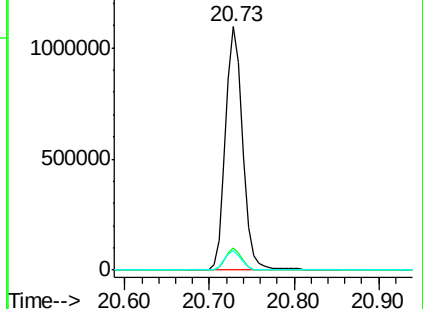
122 8.1 7.0 10.4

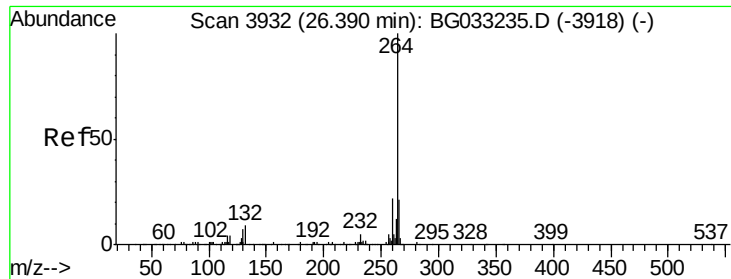


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.32 min Scan# 3919
 Delta R.T. -0.00 min
 Lab File: BG033639.D
 Acq: 6 Apr 2018 21:57

Instrument :
 BNA_G
 ClientSampleId :
 ACV-102-20-ACV-43-30

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	20.1	17.7	26.5

