

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033577.D
 Acq On : 5 Apr 2018 3:11
 Operator : SJ/JU
 Sample : J2166-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-040318

Quant Time: Apr 05 12:05:42 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

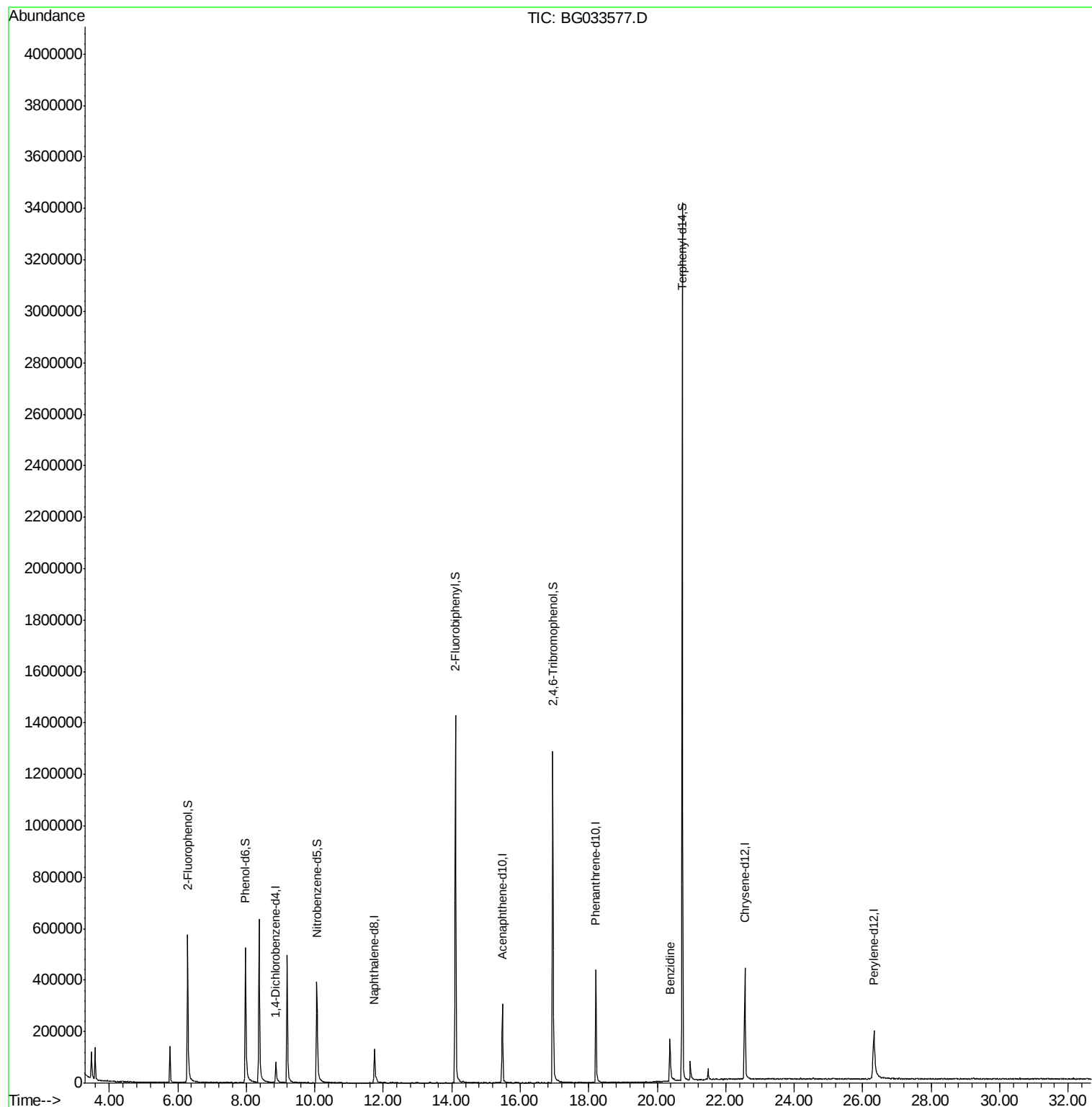
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	31047	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	137336	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	114090	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	322374	20.00	ng	0.00
75) Chrysene-d12	22.56	240	329853	20.00	ng	0.00
86) Perylene-d12	26.33	264	322541	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	275400	166.33	ng	0.00
7) Phenol-d6	7.98	99	390339	137.21	ng	0.00
23) Nitrobenzene-d5	10.06	82	323751	108.31	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	259659	152.17	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	802975	101.60	ng	0.00
78) Terphenyl-d14	20.73	244	1666344	108.04	ng	0.00
Target Compounds						
76) Benzidine	20.37	184	150556	16.831	ng	Qvalue 99

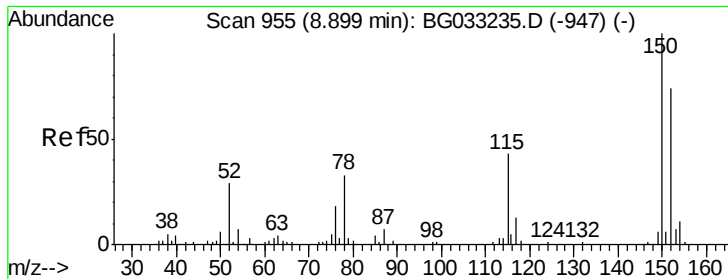
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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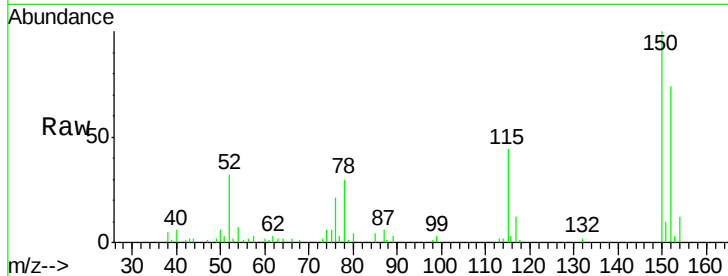


#1

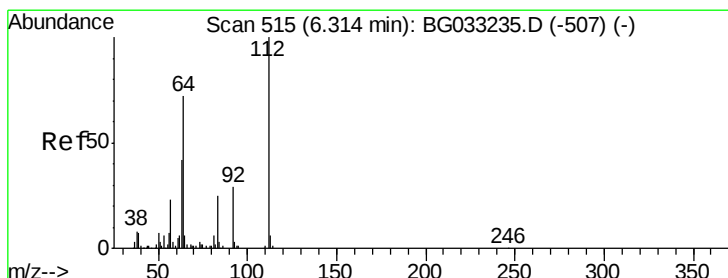
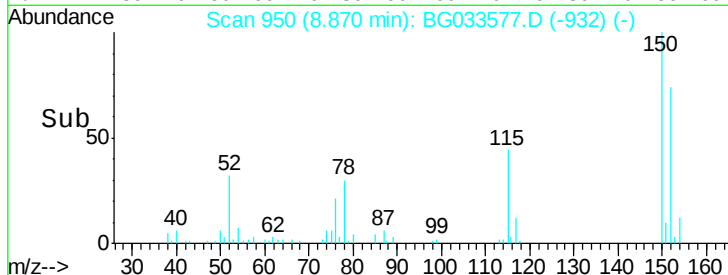
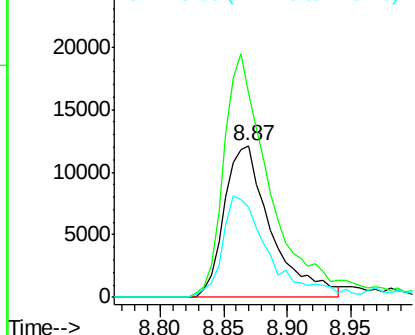
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.87 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BG033577.D
 Acq: 5 Apr 2018 3:11

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-040318

Tot Ion:152 Resp: 31047
 Ion Ratio Lower Upper
 152 100
 150 134.7 126.6 189.8
 115 59.1 53.0 79.4



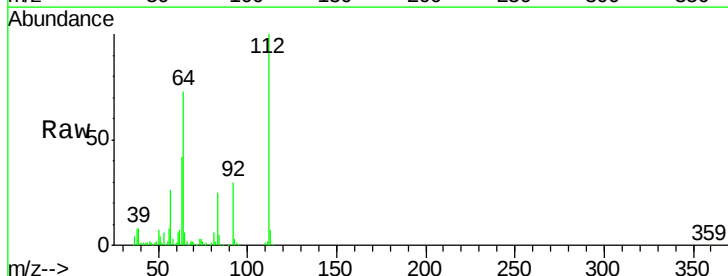
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



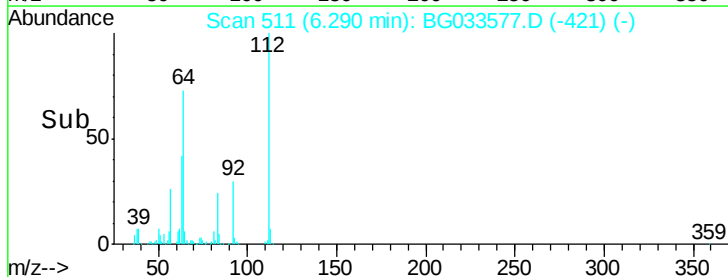
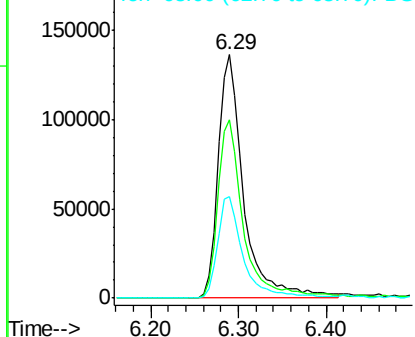
#5

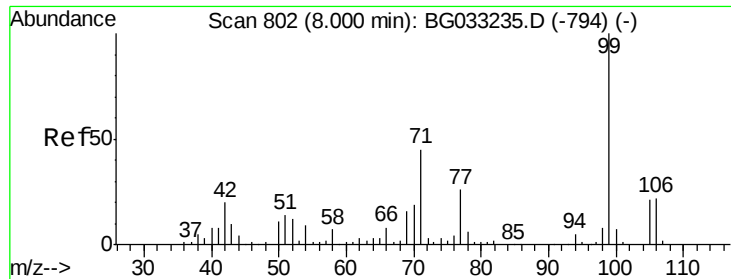
2-Fluorophenol
 Concen: 166.331 ng
 RT: 6.29 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BG033577.D
 Acq: 5 Apr 2018 3:11

Tgt Ion:112 Resp: 275400
 Ion Ratio Lower Upper
 112 100
 64 73.4 56.3 84.5
 63 41.6 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: 137.207 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033577.D

Acq: 5 Apr 2018 3:11

Instrument :

BNA_G

ClientSampleId :

TR-05-040318

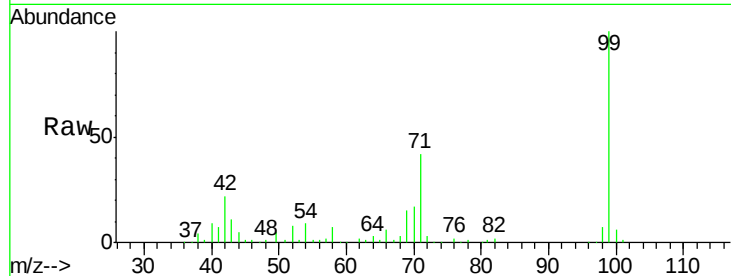
Tot Ion: 99 Resp: 390339

Ion Ratio Lower Upper

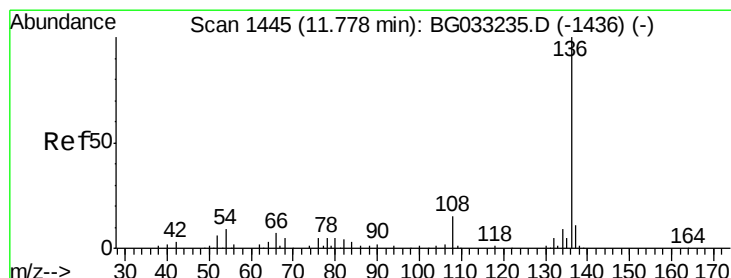
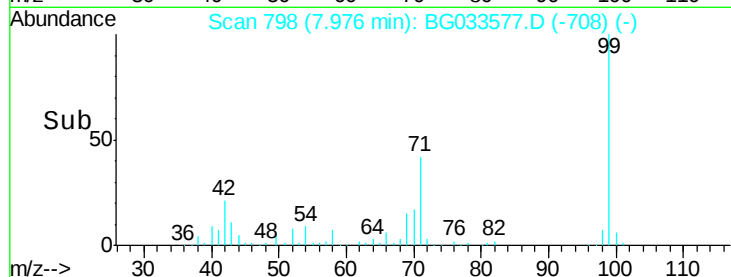
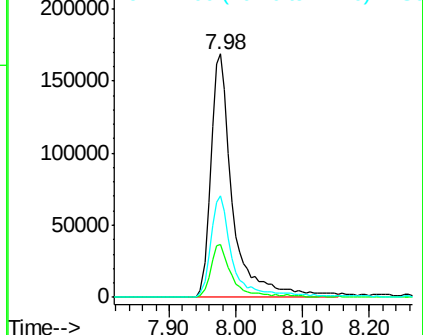
99 100

42 21.5 14.1 21.1#

71 41.9 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: BG033577.D

Acq: 5 Apr 2018 3:11

Tgt Ion: 136 Resp: 137336

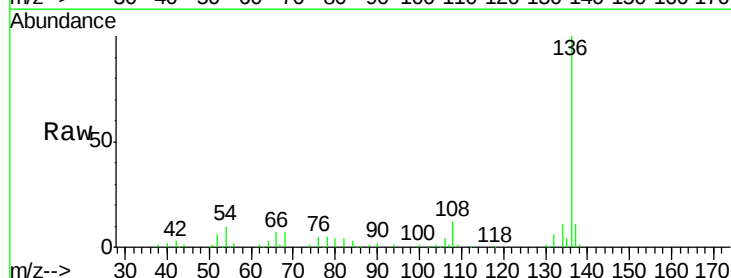
Ion Ratio Lower Upper

136 100

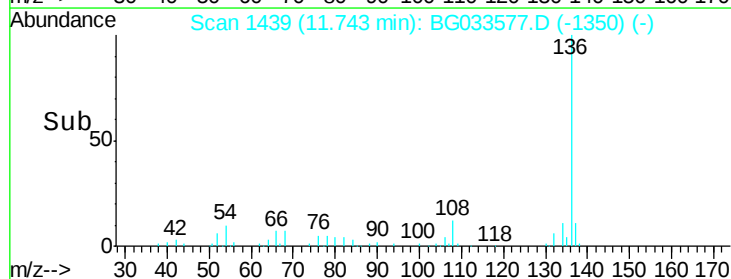
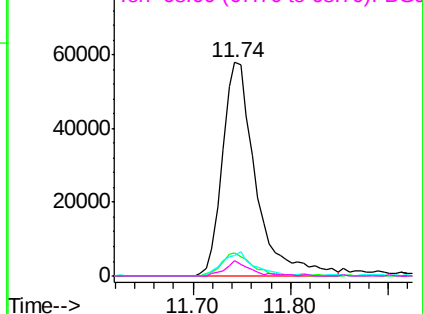
137 10.5 9.2 13.8

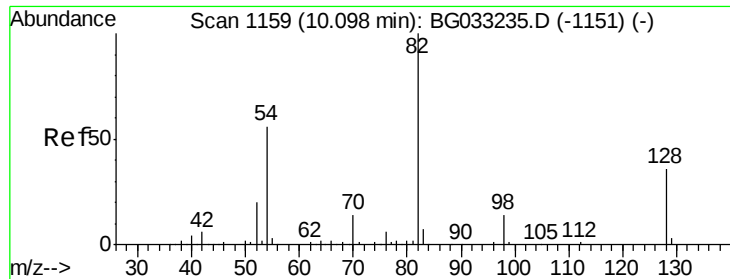
54 9.7 10.3 15.5#

68 7.4 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

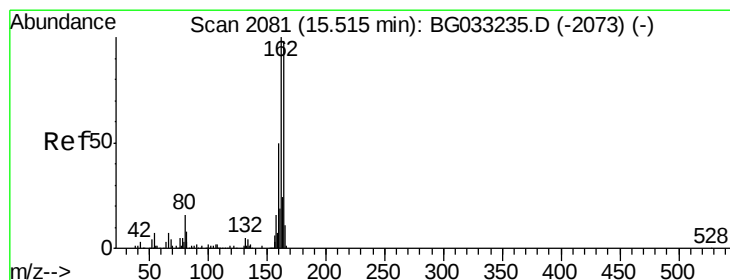
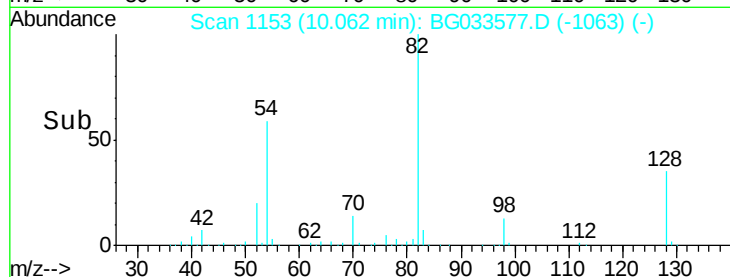
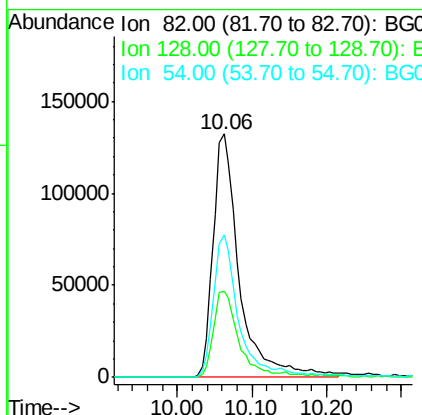
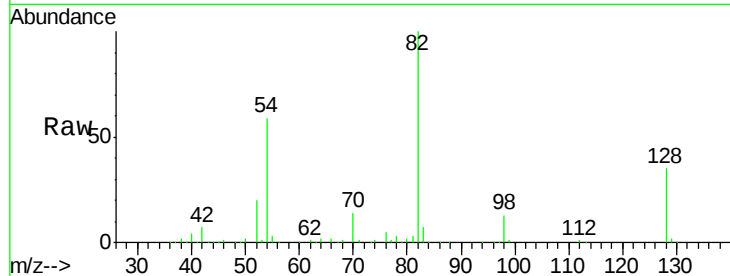




#23
Nitrobenzene-d5
Concen: 108.307 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG033577.D
Acq: 5 Apr 2018 3:11

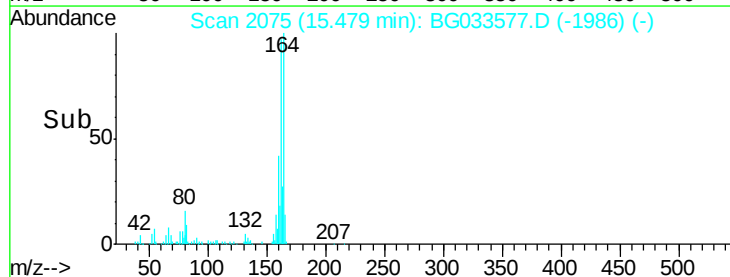
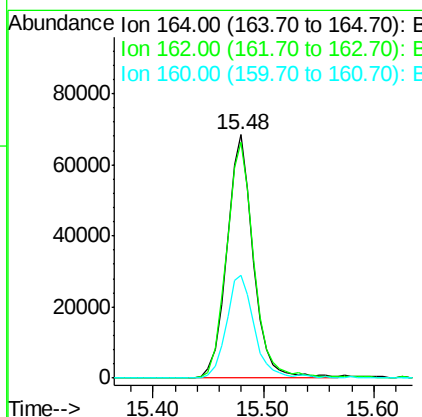
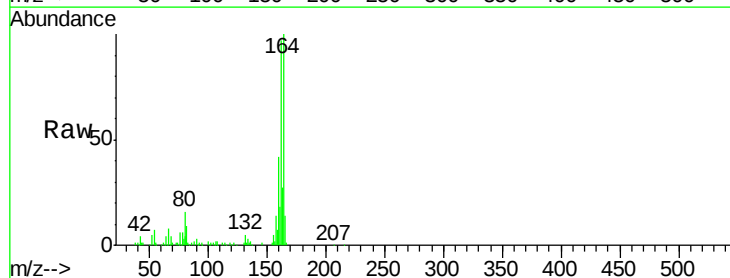
Instrument :
BNA_G
ClientSampleId :
TR-05-040318

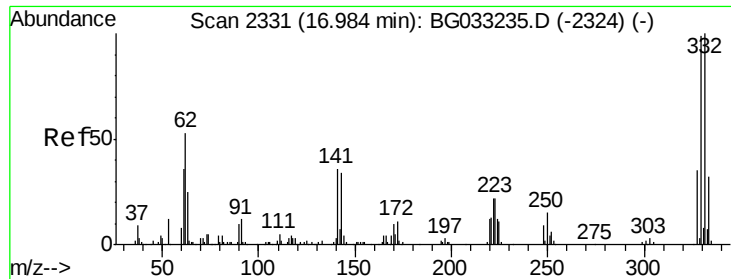
Tot Ion: 82 Resp: 323751
Ion Ratio Lower Upper
82 100
128 35.4 29.7 44.5
54 58.6 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG033577.D
Acq: 5 Apr 2018 3:11

Tgt Ion: 164 Resp: 114090
Ion Ratio Lower Upper
164 100
162 96.8 78.8 118.2
160 42.4 35.4 53.0

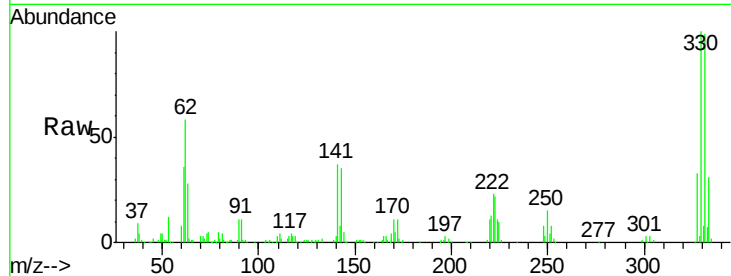




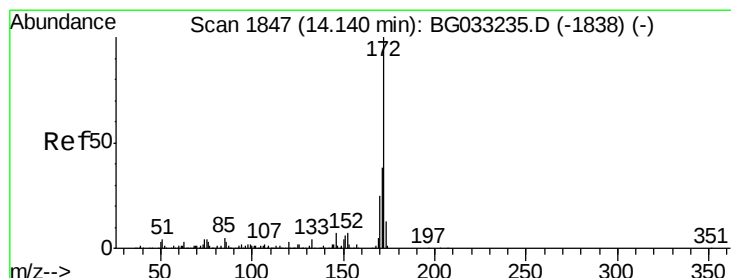
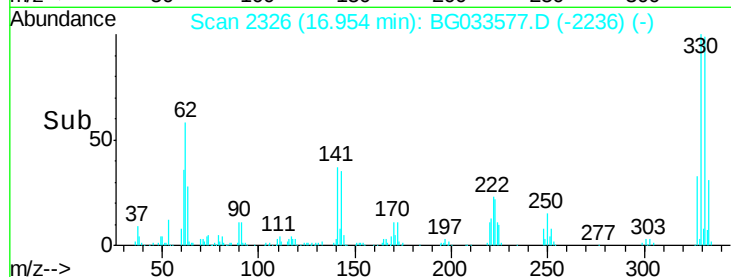
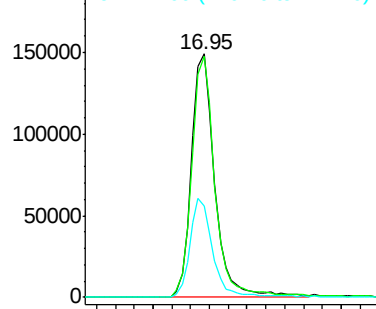
#41
 2,4,6-Tribromophenol
 Concen: 152.172 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033577.D
 Acq: 5 Apr 2018 3:11

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-040318

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	39.4	25.2	37.8#

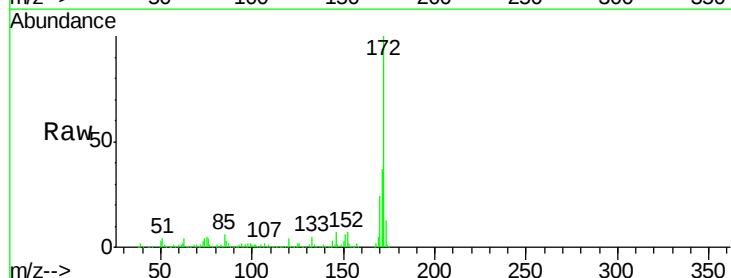


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

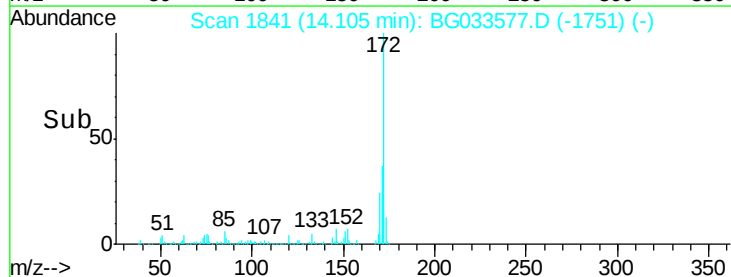
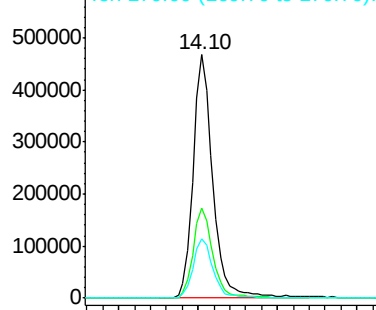


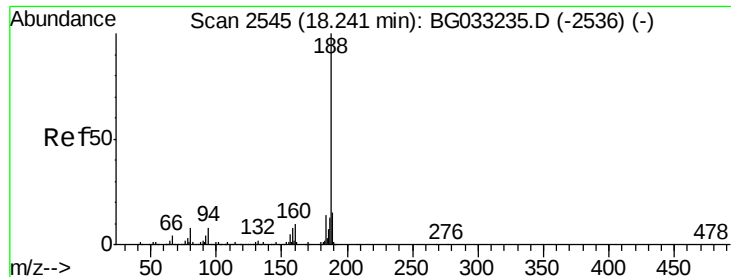
#44
 2-Fluorobiphenyl
 Concen: 101.604 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033577.D
 Acq: 5 Apr 2018 3:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	24.4	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

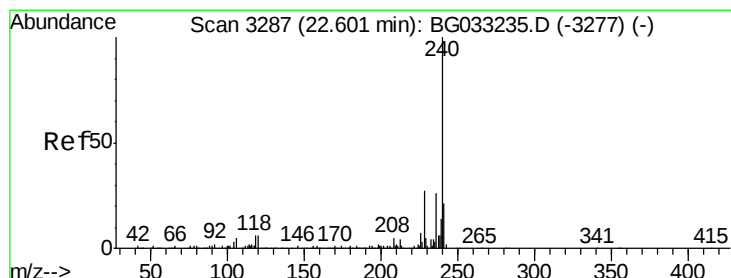
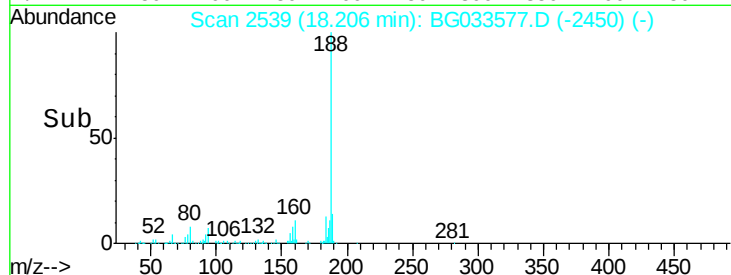
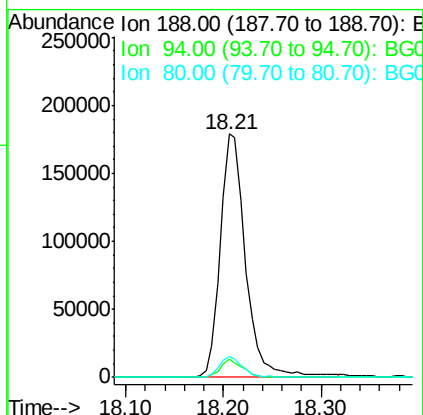
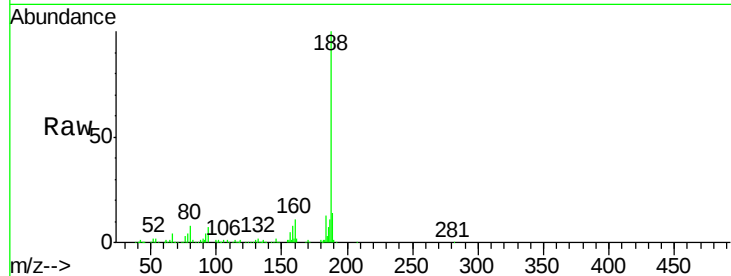




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033577.D
Acq: 5 Apr 2018 3:11

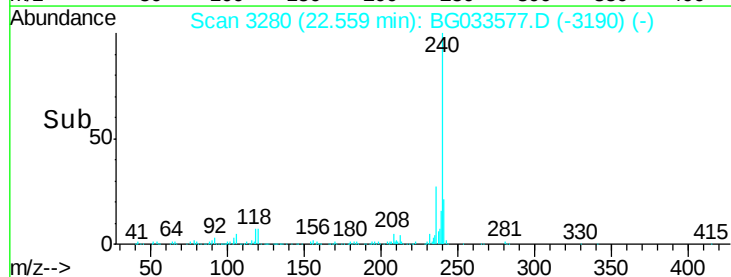
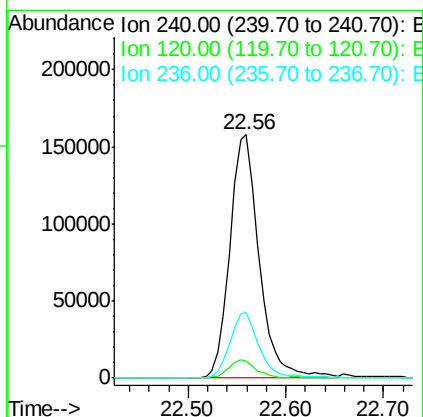
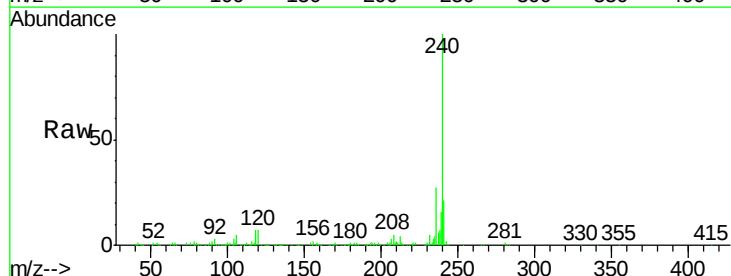
Instrument :
BNA_G
ClientSampleId :
TR-05-040318

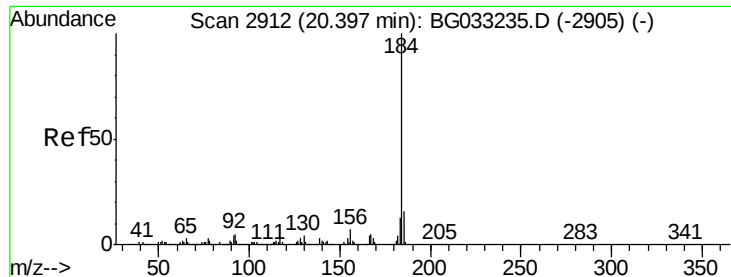
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	8.3	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033577.D
Acq: 5 Apr 2018 3:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.8	10.2
236	27.2	20.9	31.3





#76

Benzidine

Concen: 16.831 ng

RT: 20.37 min Scan# 2908

Delta R.T. 0.00 min

Lab File: BG033577.D

Acq: 5 Apr 2018 3:11

Instrument :

BNA_G

ClientSampleId :

TR-05-040318

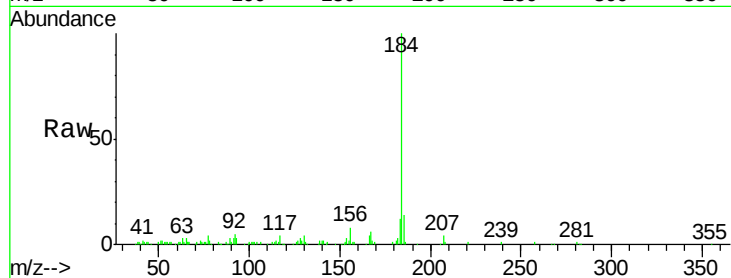
Tot Ion:184 Resp: 150556

Ion Ratio Lower Upper

184 100

185 13.7 11.1 16.7

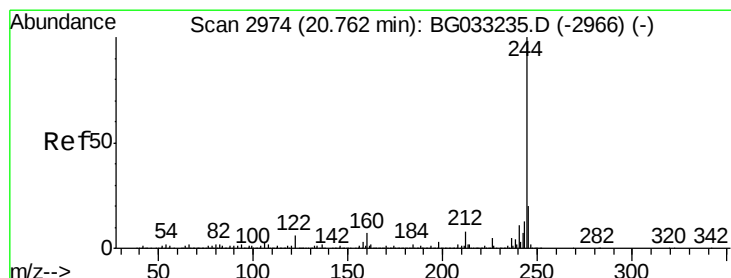
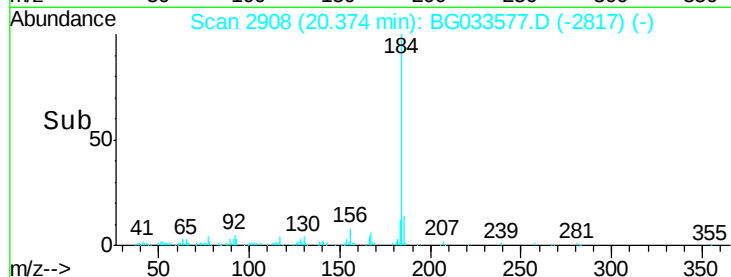
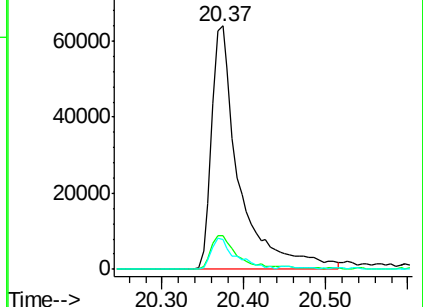
183 12.5 10.6 16.0



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: 108.038 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033577.D

Acq: 5 Apr 2018 3:11

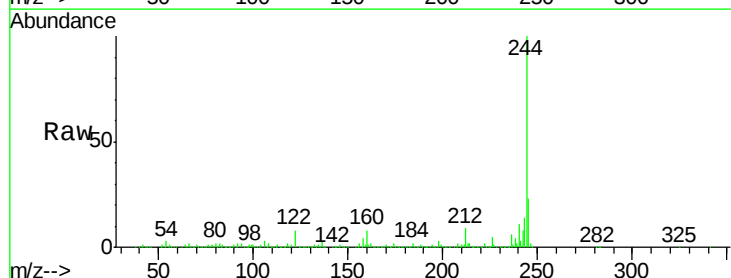
Tgt Ion:244 Resp: 1666344

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

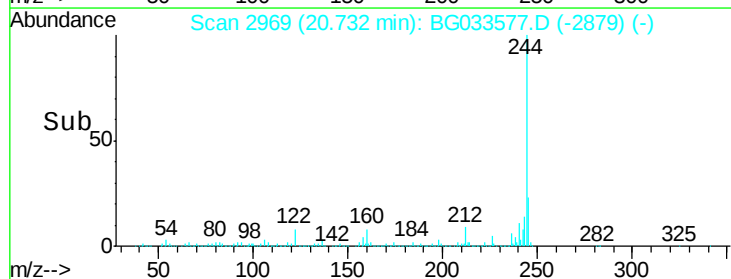
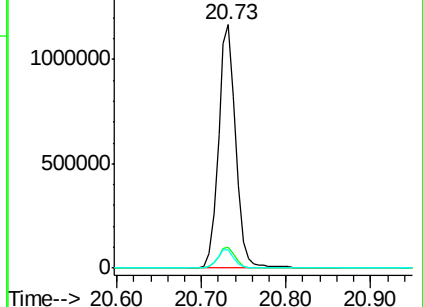
122 7.7 7.0 10.4

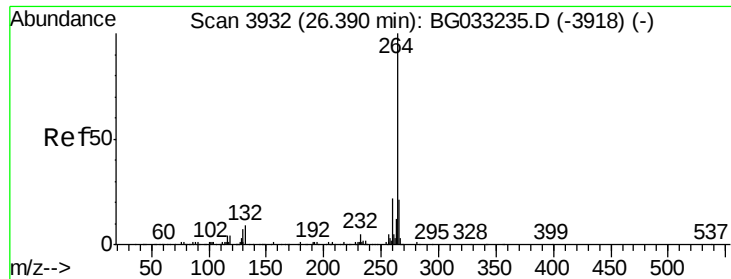


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.33 min Scan# 3921
Delta R.T. 0.00 min
Lab File: BG033577.D
Acq: 5 Apr 2018 3:11

Instrument :
BNA_G
ClientSampleId :
TR-05-040318

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.1	17.4	26.0
265	19.5	17.7	26.5

