

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033633.D
 Acq On : 6 Apr 2018 18:11
 Operator : SJ/JU
 Sample : J2164-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 07 00:50:41 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

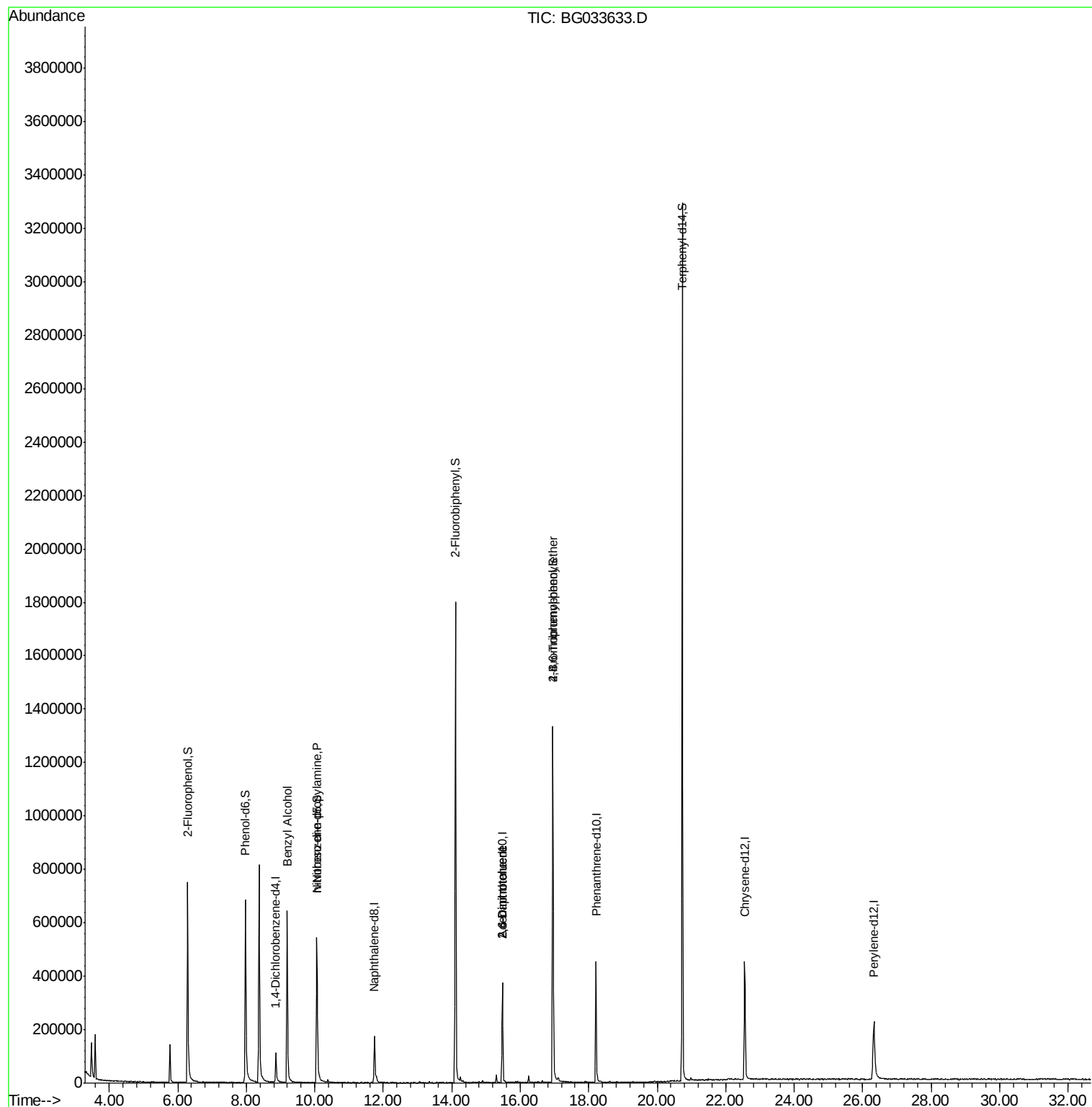
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	37893	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	178545	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	135623	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	325220	20.00	ng	0.00
75) Chrysene-d12	22.55	240	330154	20.00	ng	0.00
86) Perylene-d12	26.32	264	331838	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	356874	176.60	ng	0.00
7) Phenol-d6	7.98	99	485048	139.69	ng	0.00
23) Nitrobenzene-d5	10.06	82	414179	106.58	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	255674	126.05	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	995802	106.00	ng	0.00
78) Terphenyl-d14	20.73	244	1656346	107.29	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	6828	2.498	ng	# 43
19) n-Nitroso-di-n-propylamine	10.06	70	55126	21.666	ng	# 78
50) 2,6-Dinitrotoluene	15.48	165	17052	7.066	ng	# 21
56) 2,4-Dinitrotoluene	15.48	165	17053	4.799	ng	# 19
66) 4-Bromophenyl-phenylether	16.95	248	19850	5.197	ng	# 1

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

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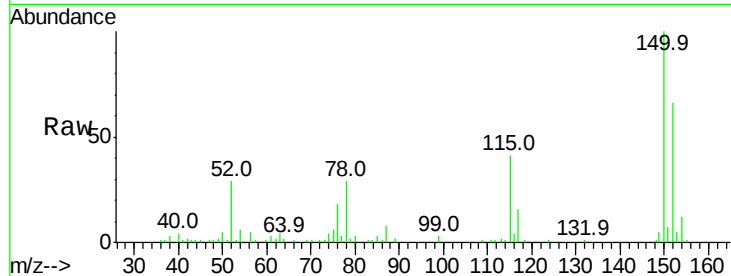


#1

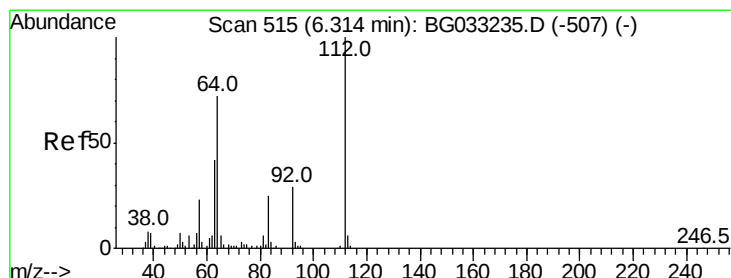
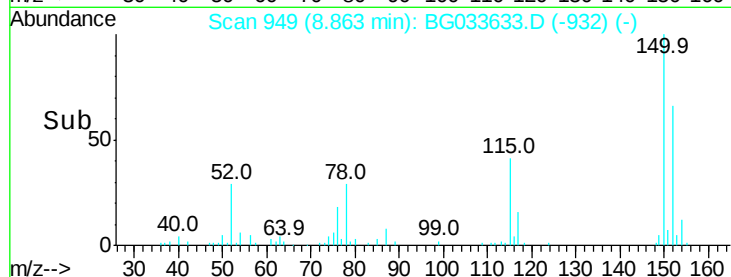
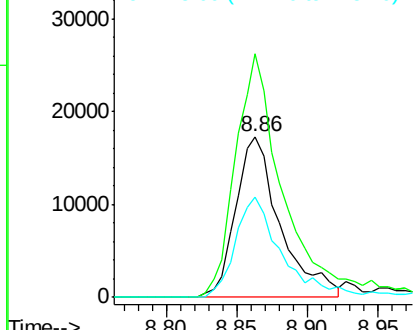
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033633.D
Acq: 6 Apr 2018 18:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 37893
Ion Ratio Lower Upper
152 100
150 151.5 126.6 189.8
115 62.2 53.0 79.4



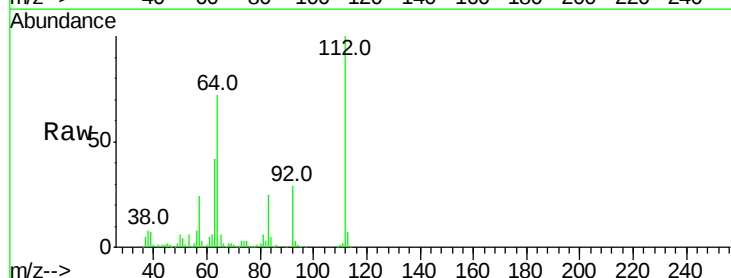
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



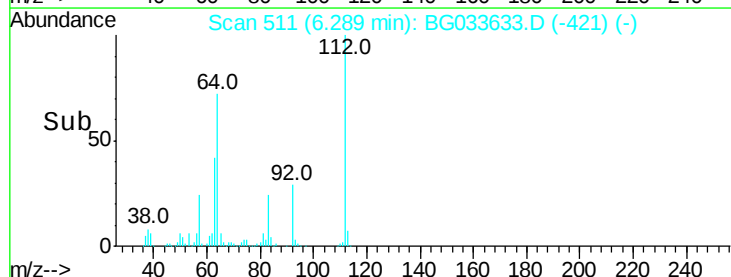
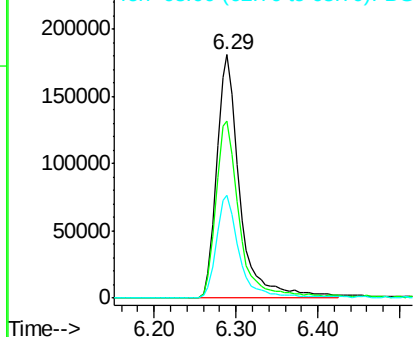
#5

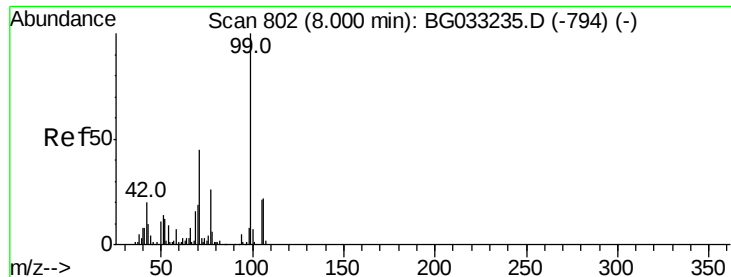
2-Fluorophenol
Concen: 176.598 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033633.D
Acq: 6 Apr 2018 18:11

Tgt Ion:112 Resp: 356874
Ion Ratio Lower Upper
112 100
64 72.5 56.3 84.5
63 42.1 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: 139.695 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.01 min

Lab File: BG033633.D

Acq: 6 Apr 2018 18:11

Instrument :

BNA_G

ClientSampleId :

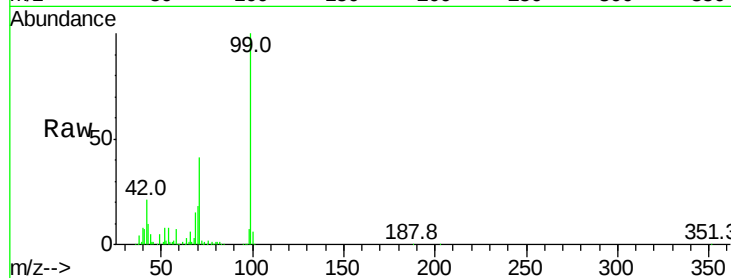
Tot Ion: 99 Resp: 485048

Ion Ratio Lower Upper

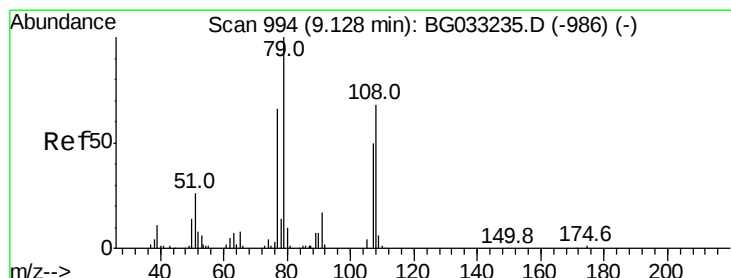
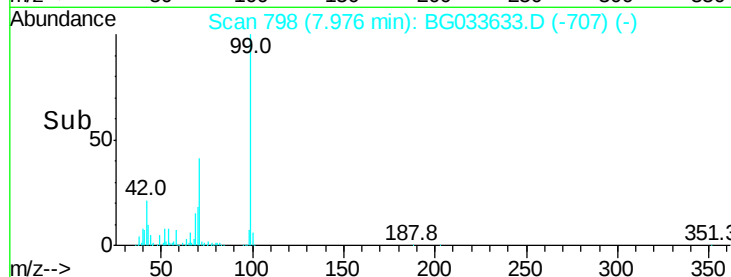
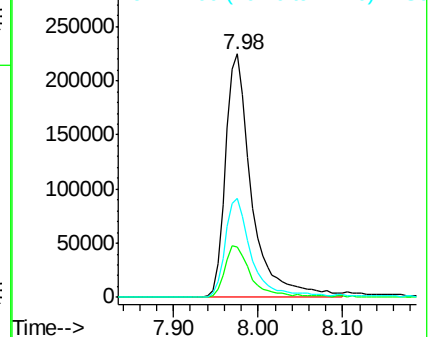
99 100

42 20.6 14.1 21.1

71 40.9 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



#15

Benzyl Alcohol

Concen: 2.498 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.10 min

Lab File: BG033633.D

Acq: 6 Apr 2018 18:11

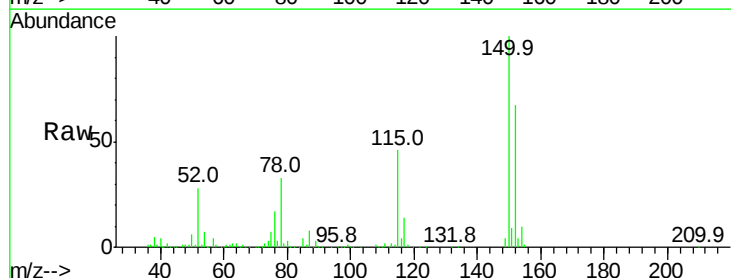
Tgt Ion: 79 Resp: 6828

Ion Ratio Lower Upper

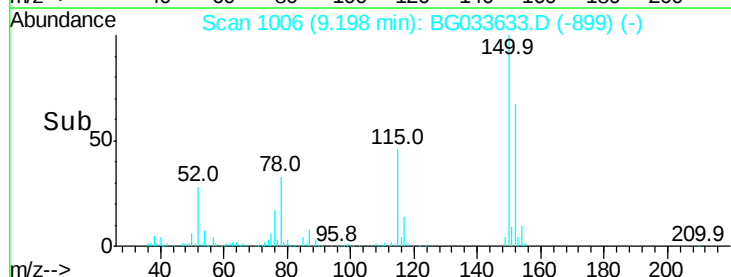
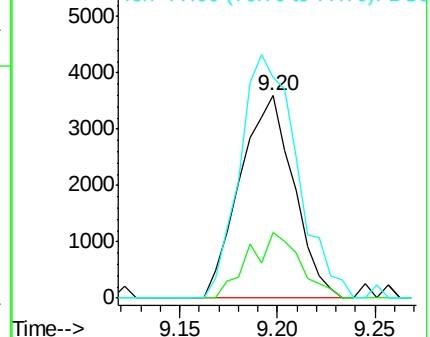
79 100

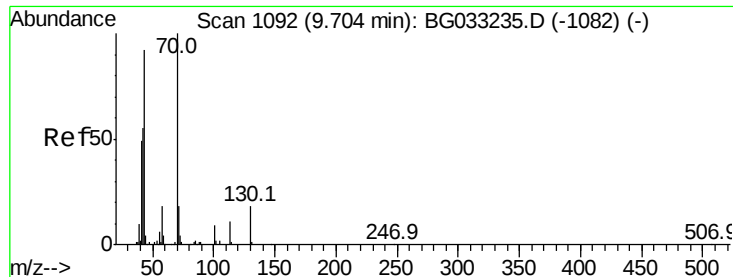
108 32.5 57.2 85.8#

77 109.3 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

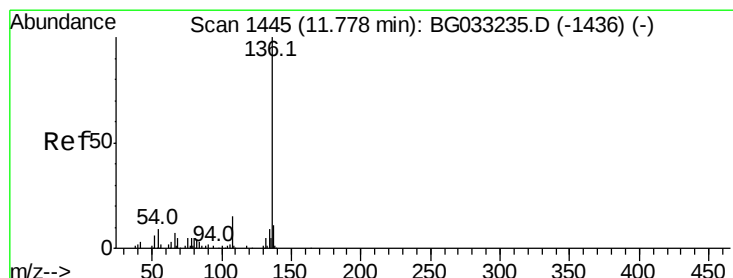
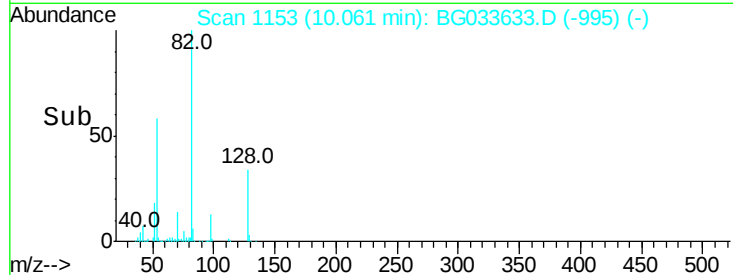
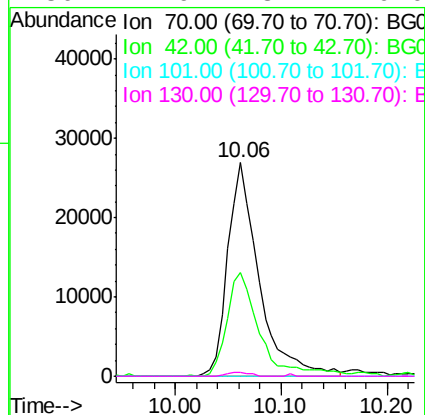
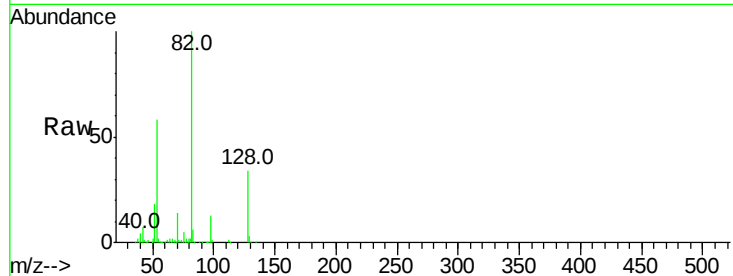




#19
 n-Nitroso-di-n-propylamine
 Concen: 21.666 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.40 min
 Lab File: BG033633.D
 Acq: 6 Apr 2018 18:11

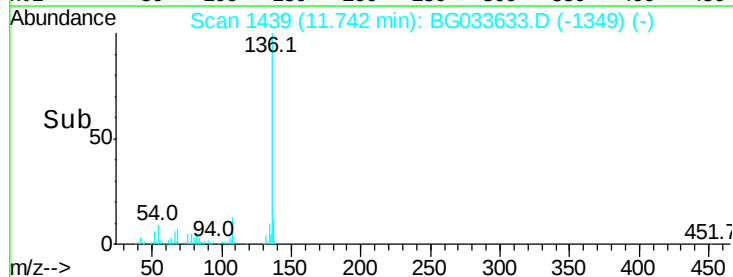
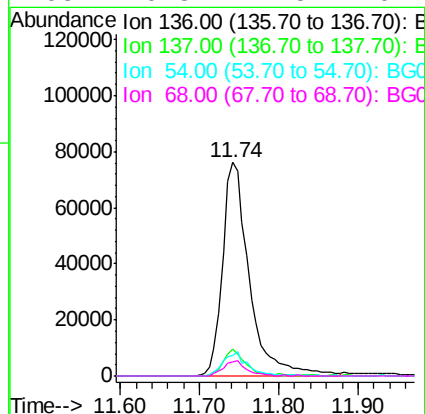
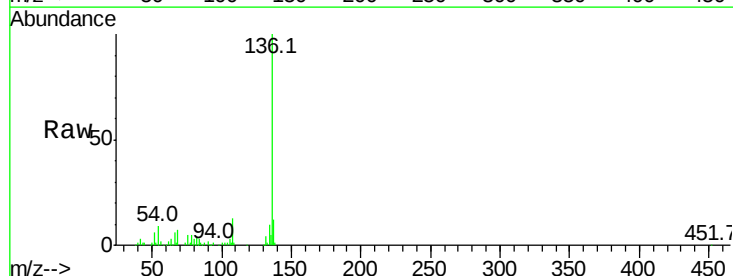
Instrument :
 BNA_G
 ClientSampleId :

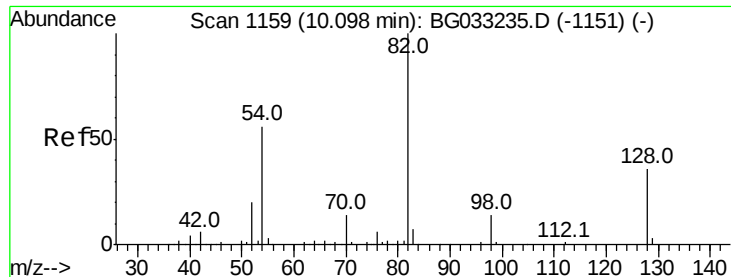
Tot Ion:	70	Resp:	55126
Ion	Ratio	Lower	Upper
70	100		
42	48.3	49.1	73.7#
101	0.0	8.5	12.7#
130	1.9	13.4	20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.74 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BG033633.D
 Acq: 6 Apr 2018 18:11

Tgt Ion:	136	Resp:	178545
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.2	13.8
54	9.8	10.3	15.5#
68	6.8	4.5	6.7#

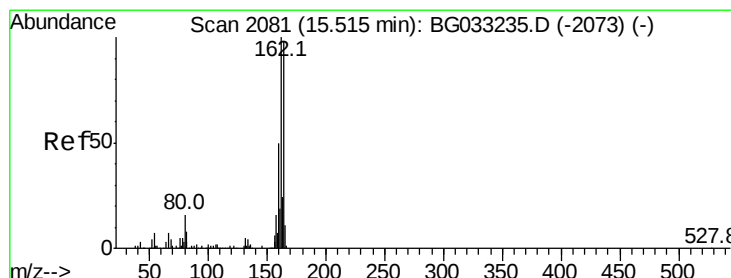
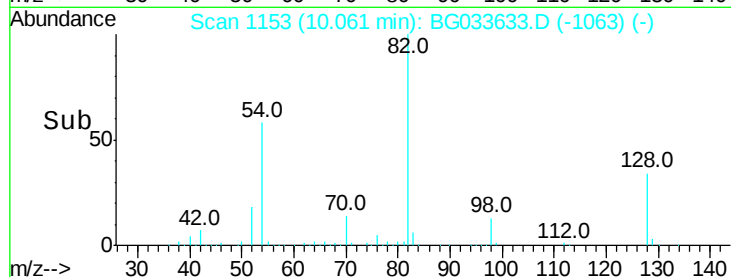
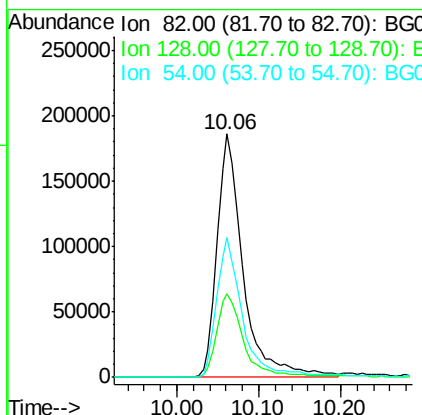
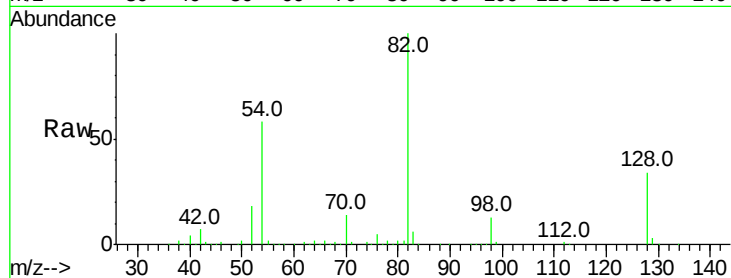




#23
 Nitrobenzene-d5
 Concen: 106.579 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033633.D
 Acq: 6 Apr 2018 18:11

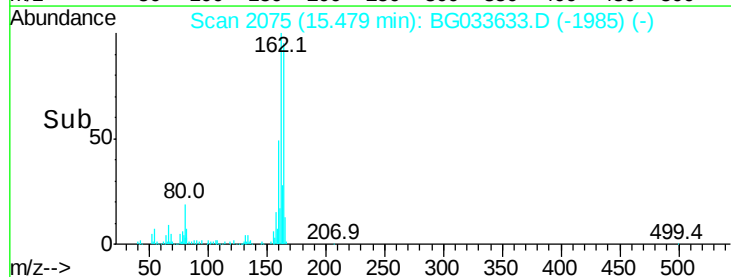
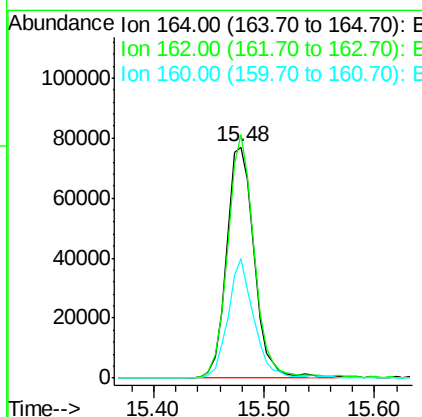
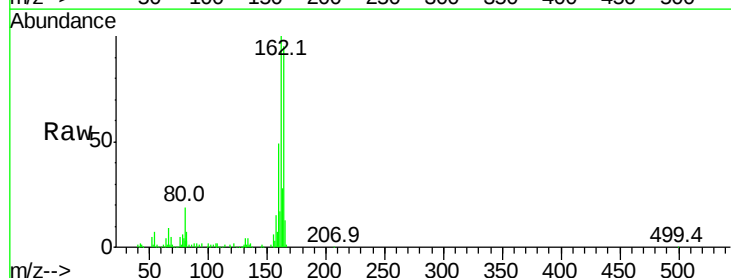
Instrument :
 BNA_G
 ClientSampleId :

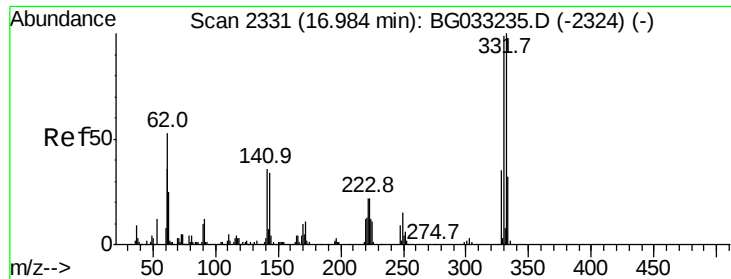
Tot Ion	82	Resp	414179
Ion	Ratio	Lower	Upper
82	100		
128	34.4	29.7	44.5
54	57.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG033633.D
 Acq: 6 Apr 2018 18:11

Tgt Ion	164	Resp	135623
Ion	Ratio	Lower	Upper
164	100		
162	105.3	78.8	118.2
160	51.8	35.4	53.0

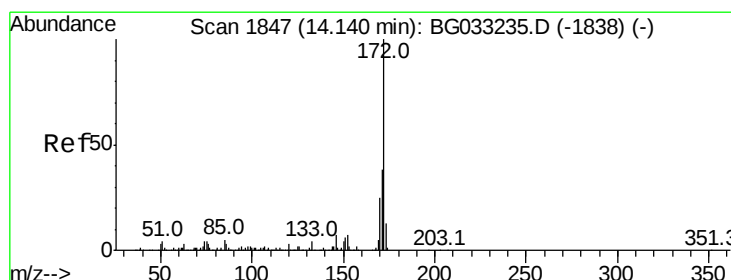
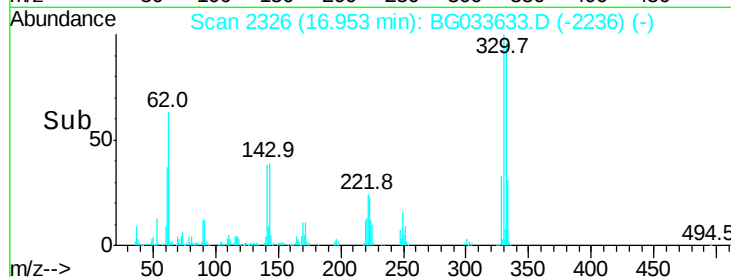
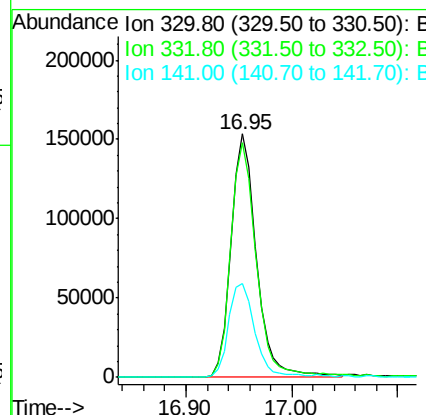
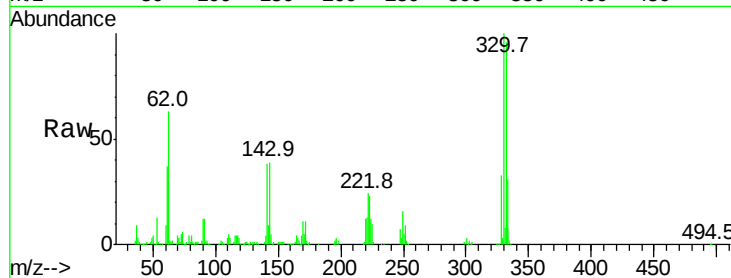




#41
 2,4,6-Tribromophenol
 Concen: 126.047 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033633.D
 Acq: 6 Apr 2018 18:11

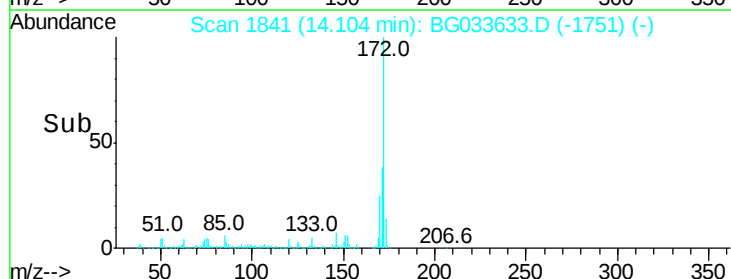
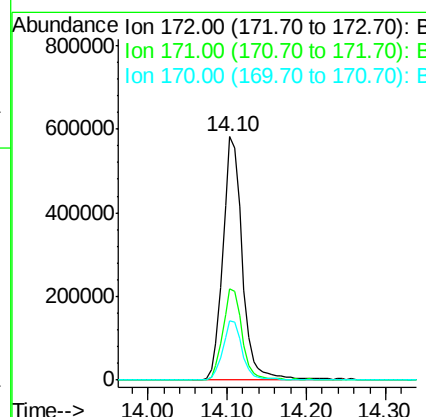
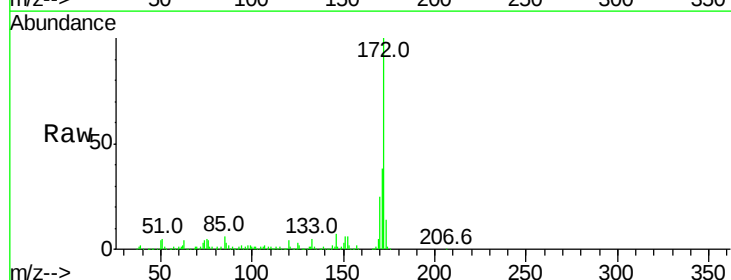
Instrument :
 BNA_G
 ClientSampleId :

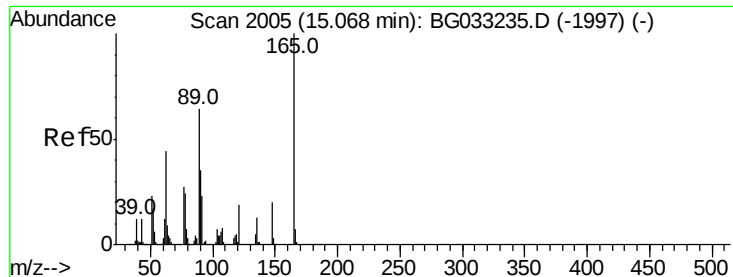
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	40.3	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 105.998 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033633.D
 Acq: 6 Apr 2018 18:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.5	19.5	29.3





#50

2,6-Dinitrotoluene

Concen: 7.066 ng

RT: 15.48 min Scan# 2075

Delta R.T. 0.44 min

Lab File: BG033633.D

Acq: 6 Apr 2018 18:11

Instrument :

BNA_G

ClientSampleId :

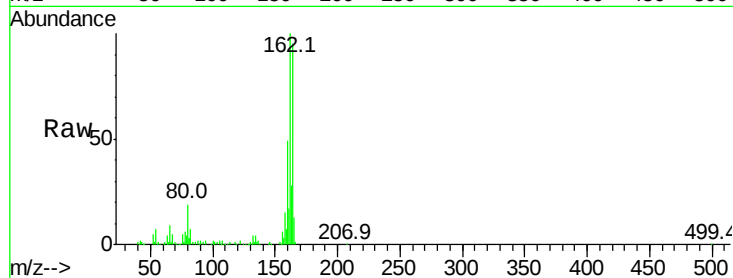
Tot Ion:165 Resp: 17052

Ion Ratio Lower Upper

165 100

63 1.6 52.7 79.1#

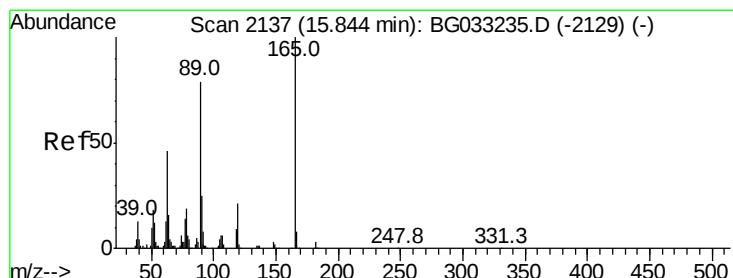
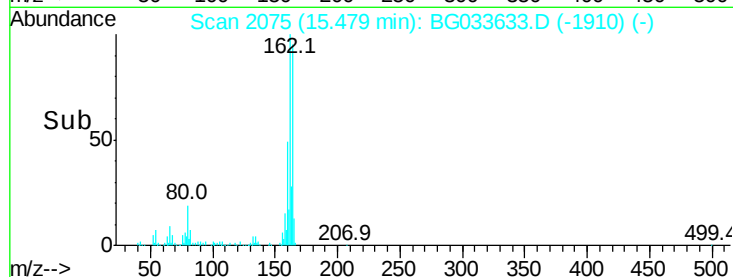
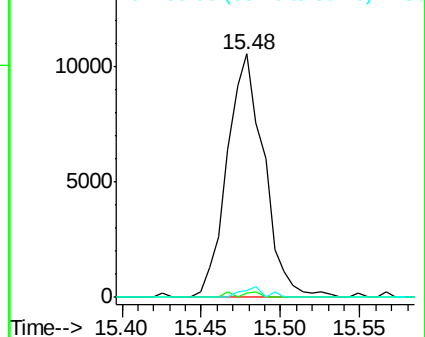
89 2.9 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#56

2,4-Dinitrotoluene

Concen: 4.799 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.34 min

Lab File: BG033633.D

Acq: 6 Apr 2018 18:11

Tgt Ion:165 Resp: 17053

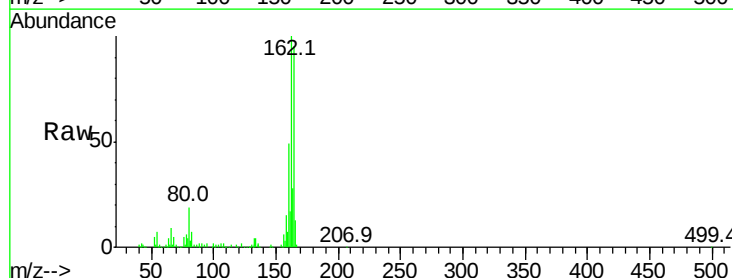
Ion Ratio Lower Upper

165 100

63 1.6 42.0 63.0#

89 2.9 66.9 100.3#

182 0.0 2.6 3.8#

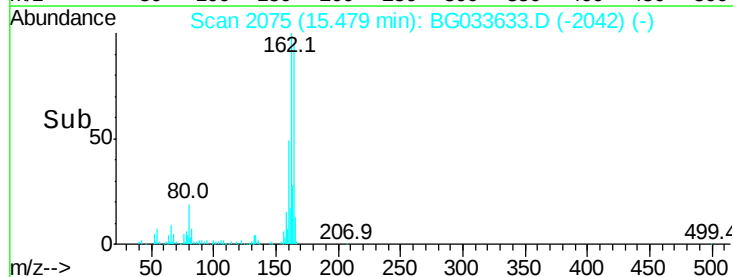
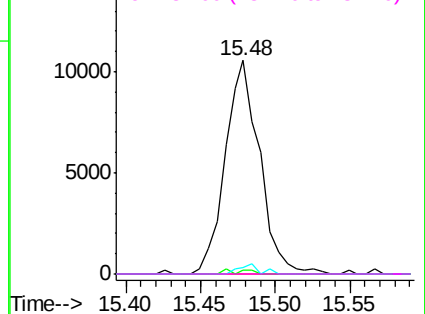


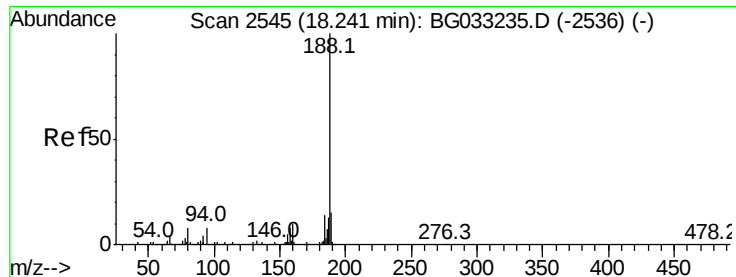
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033633.D

Acq: 6 Apr 2018 18:11

Instrument :

BNA_G

ClientSampled :

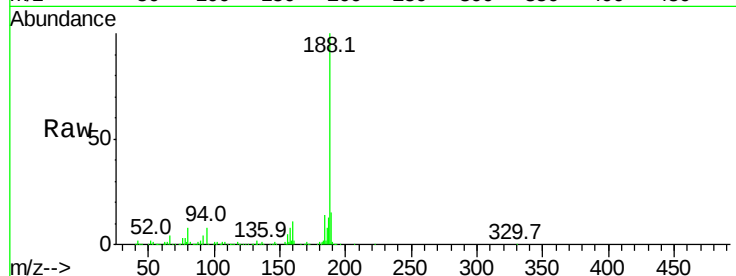
Tot Ion:188 Resp: 325220

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

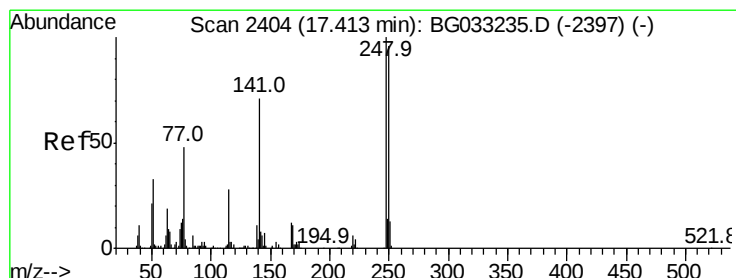
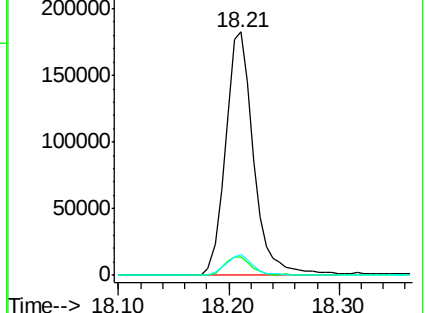
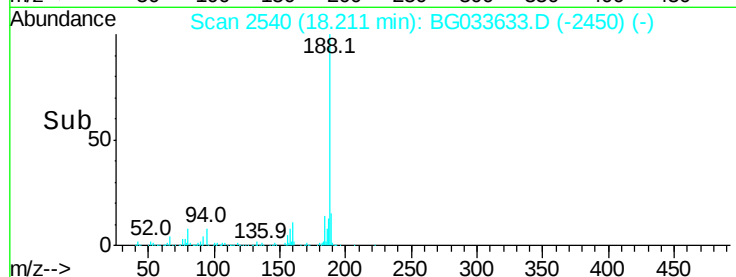
80 8.4 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#66

4-Bromophenyl-phenylether

Concen: 5.197 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.44 min

Lab File: BG033633.D

Acq: 6 Apr 2018 18:11

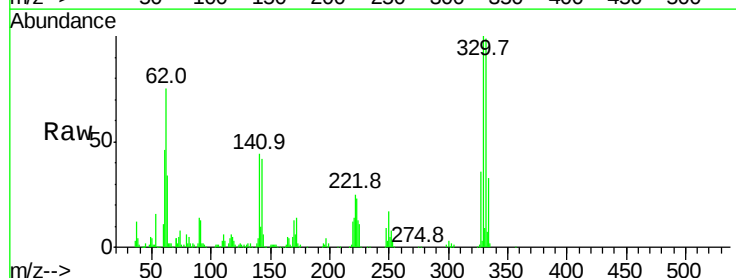
Tgt Ion:248 Resp: 19850

Ion Ratio Lower Upper

248 100

250 193.1 77.1 115.7#

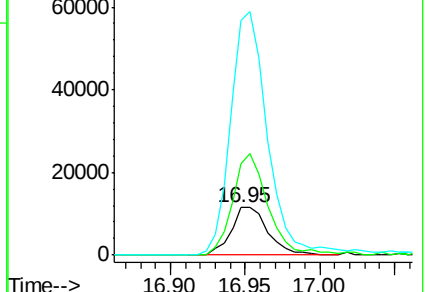
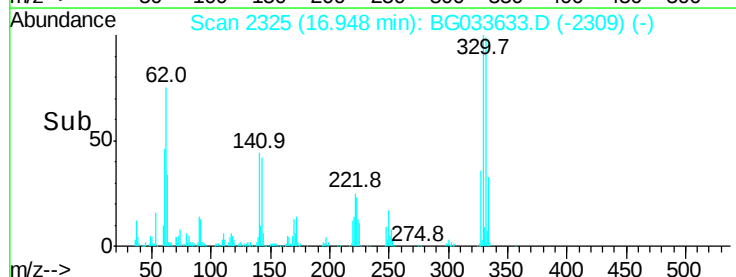
141 495.3 50.8 76.2#

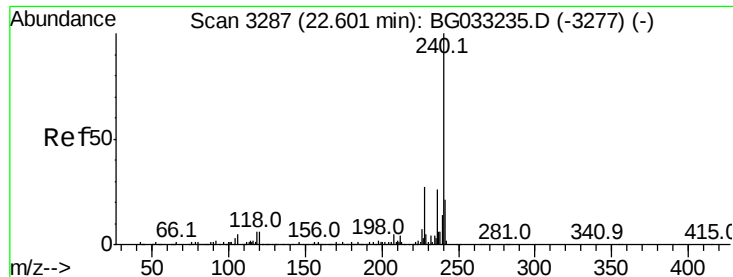


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033633.D

Acq: 6 Apr 2018 18:11

Instrument :

BNA_G

ClientSampleId :

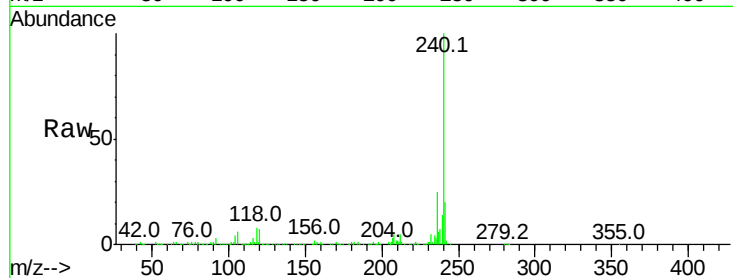
Tot Ion:240 Resp: 330154

Ion Ratio Lower Upper

240 100

120 6.7 6.8 10.2#

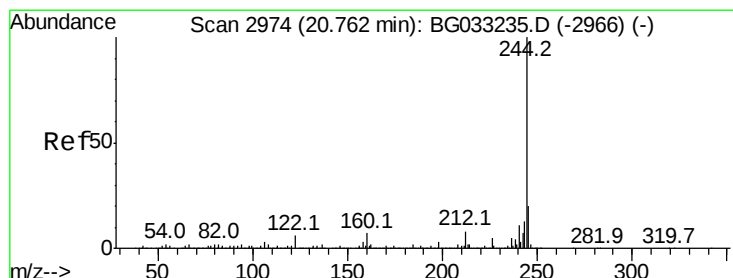
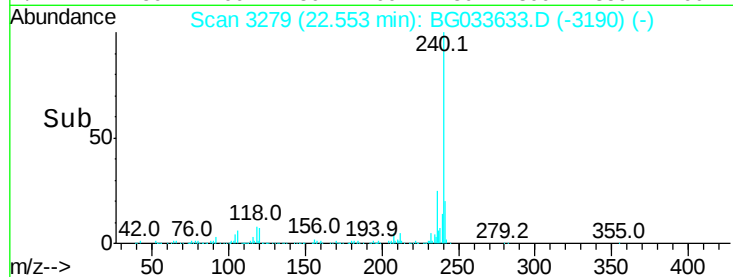
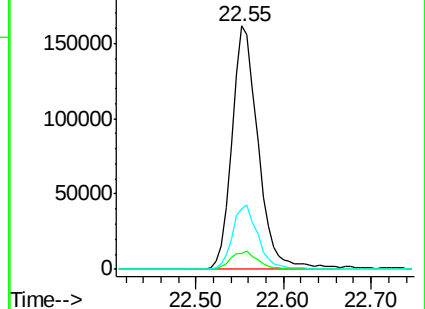
236 25.0 20.9 31.3



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: 107.292 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.01 min

Lab File: BG033633.D

Acq: 6 Apr 2018 18:11

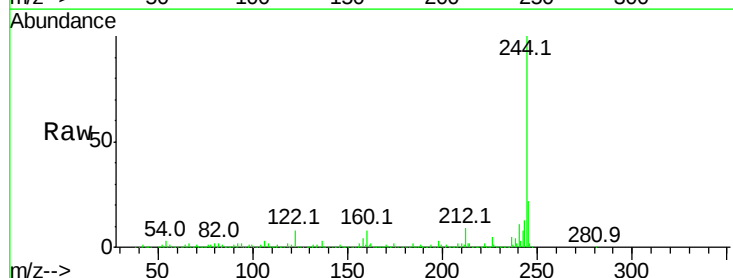
Tgt Ion:244 Resp: 1656346

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

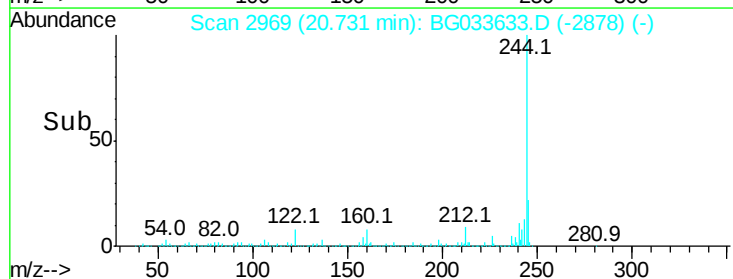
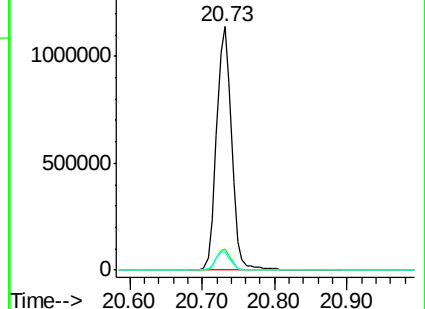
122 7.7 7.0 10.4

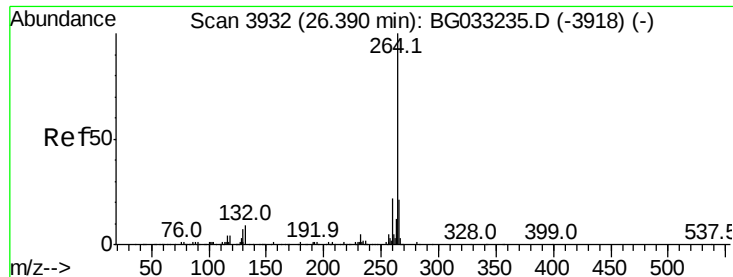


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.32 min Scan# 3920
 Delta R.T. -0.00 min
 Lab File: BG033633.D
 Acq: 6 Apr 2018 18:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	18.8	17.7	26.5

