

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033657.D
 Acq On : 7 Apr 2018 9:17
 Operator : SJ/JU
 Sample : J2225-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 09 02:00:18 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

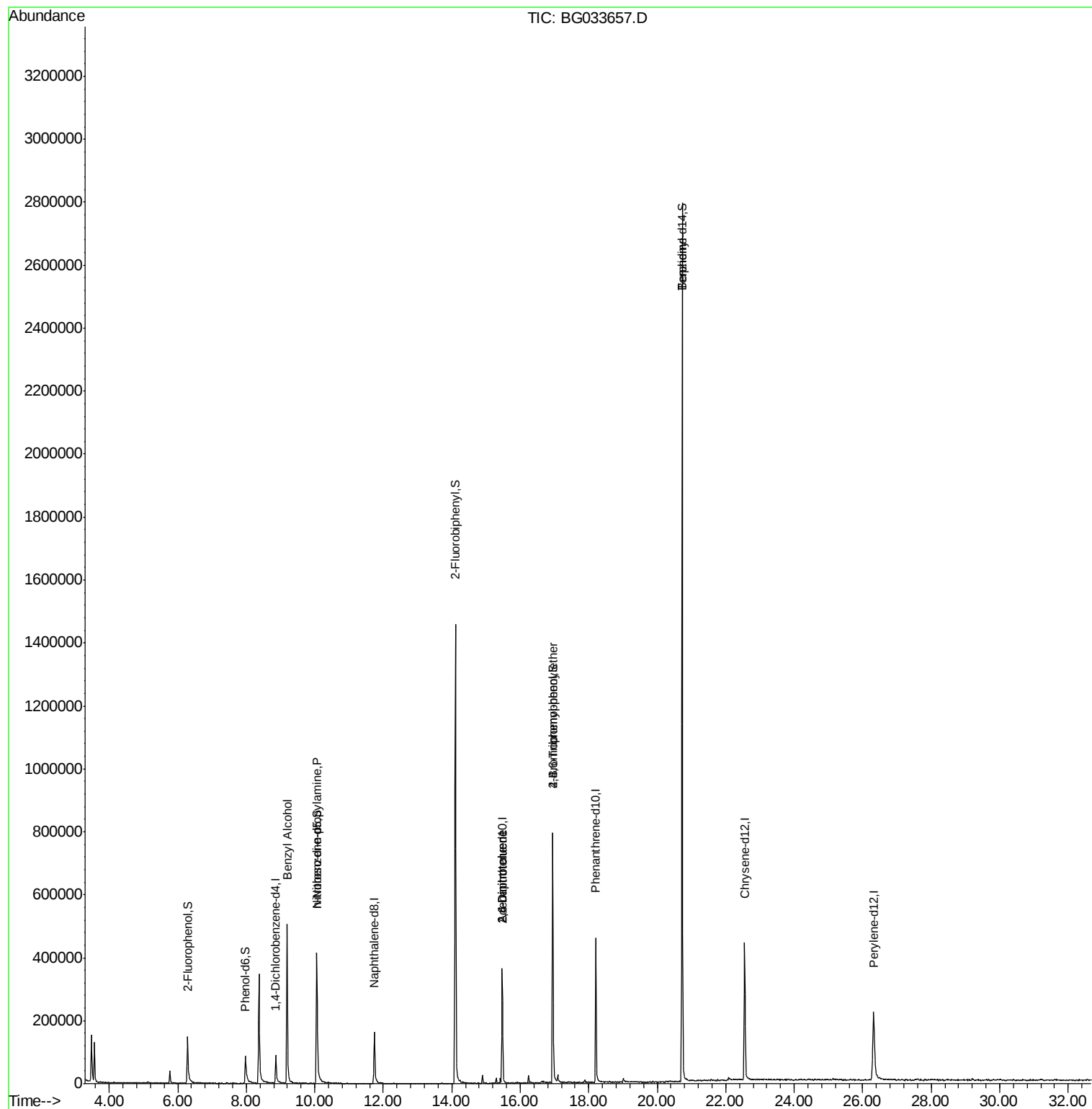
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	34108	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	158802	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	136209	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	332417	20.00	ng	0.00
75) Chrysene-d12	22.55	240	325846	20.00	ng	0.00
86) Perylene-d12	26.32	264	326725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	82852	45.55	ng	0.00
7) Phenol-d6	7.97	99	77576	24.82	ng	0.00
23) Nitrobenzene-d5	10.06	82	337628	97.68	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	154761	75.97	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	855897	90.71	ng	0.00
78) Terphenyl-d14	20.73	244	1399769	91.87	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	5194	2.111	ng	# 36
19) n-Nitroso-di-n-propylamine	10.06	70	46416	20.268	ng	# 79
50) 2,6-Dinitrotoluene	15.47	165	16631	6.862	ng	# 23
56) 2,4-Dinitrotoluene	15.47	165	16631	4.660	ng	# 20
66) 4-Bromophenyl-phenylether	16.95	248	12315	3.155	ng	# 1
76) Benzidine	20.73	184	22929	2.595	ng	# 89

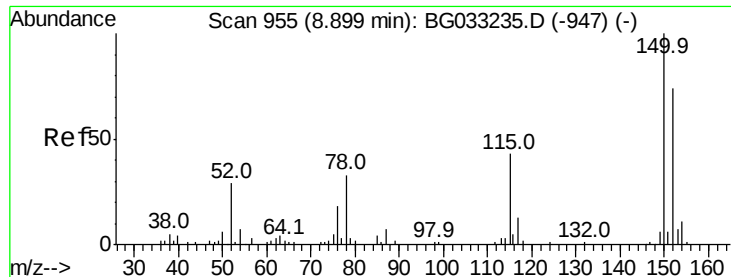
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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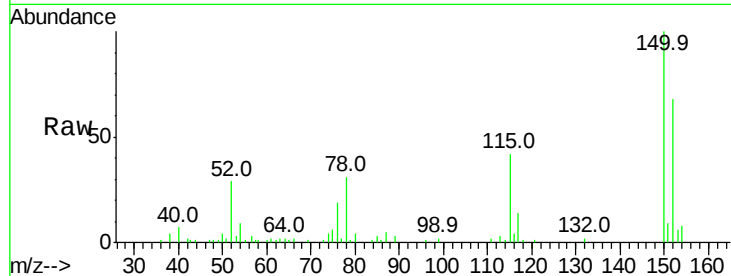


#1

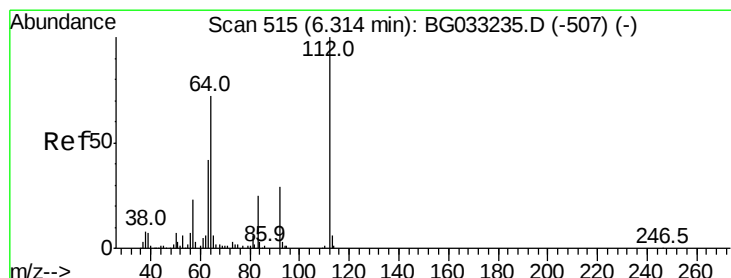
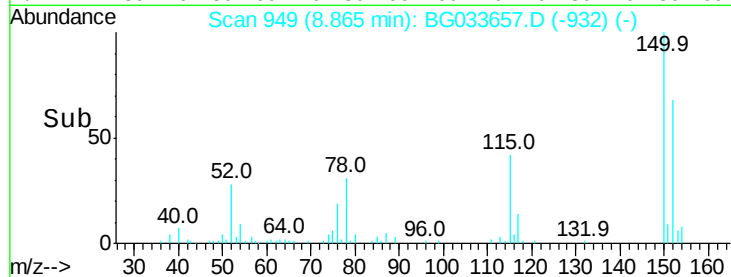
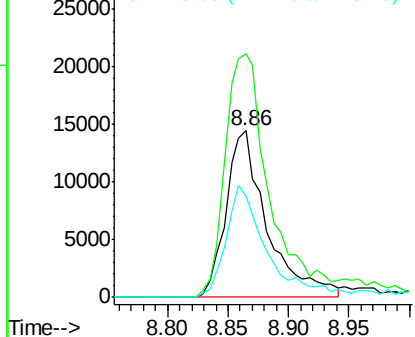
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG033657.D
Acq: 7 Apr 2018 9:17

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 34108
Ion Ratio Lower Upper
152 100
150 146.4 126.6 189.8
115 60.9 53.0 79.4



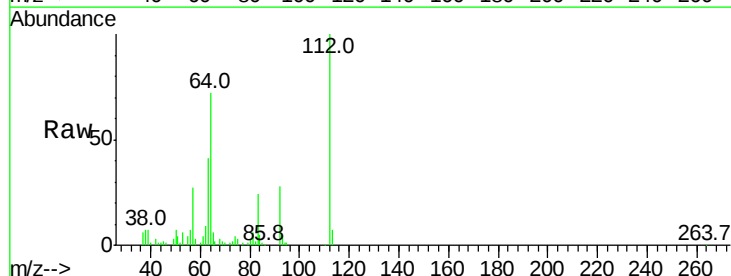
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



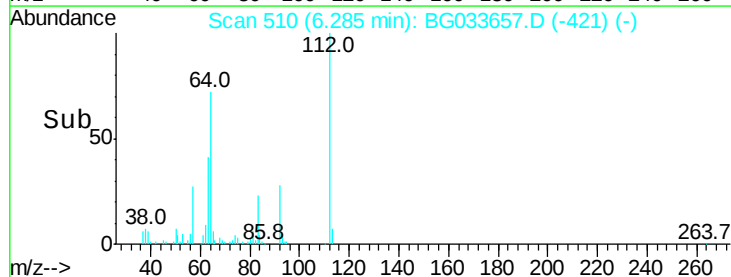
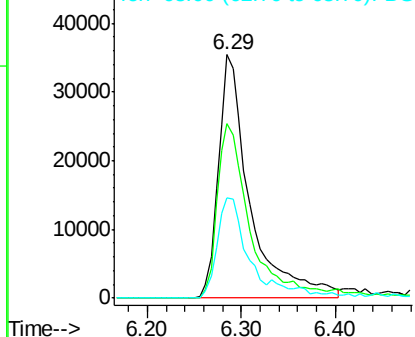
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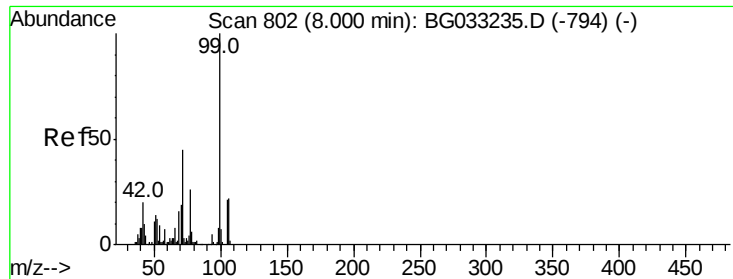
2-Fluorophenol
Concen: 45.549 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033657.D
Acq: 7 Apr 2018 9:17

Tgt Ion:112 Resp: 82852
Ion Ratio Lower Upper
112 100
64 71.7 56.3 84.5
63 41.1 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: 24.821 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033657.D

Acq: 7 Apr 2018 9:17

Instrument :

BNA_G

ClientSampleId :

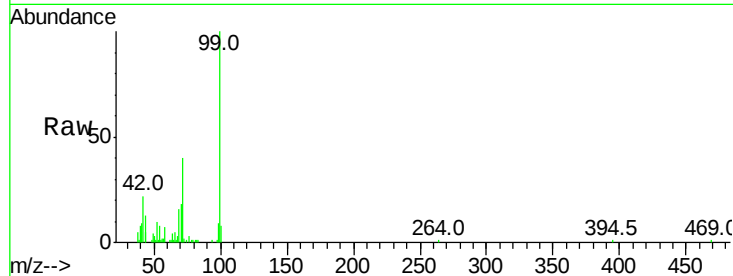
Tot Ion: 99 Resp: 77576

Ion Ratio Lower Upper

99 100

42 22.5 14.1 21.1#

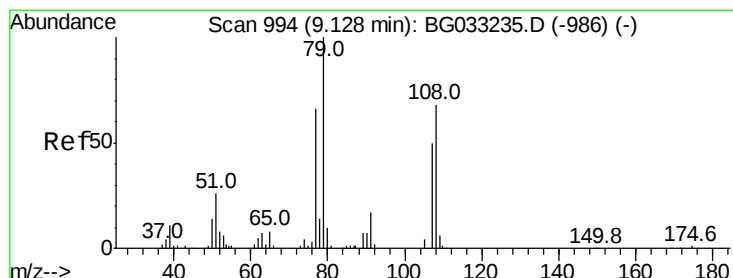
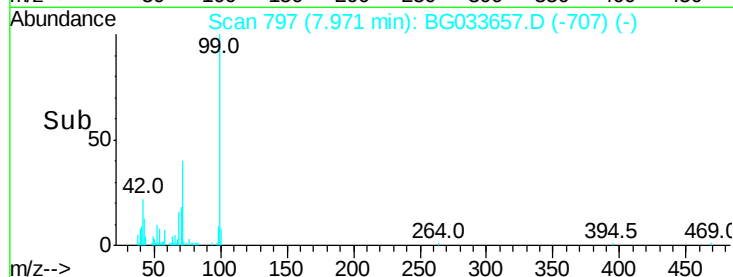
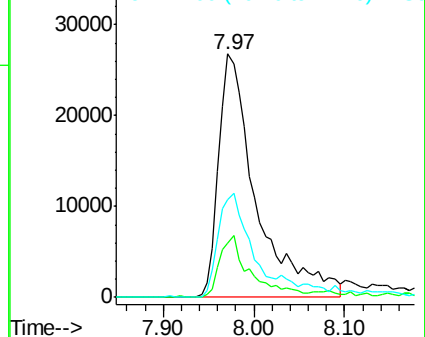
71 40.4 26.1 39.1#



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: 2.111 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033657.D

Acq: 7 Apr 2018 9:17

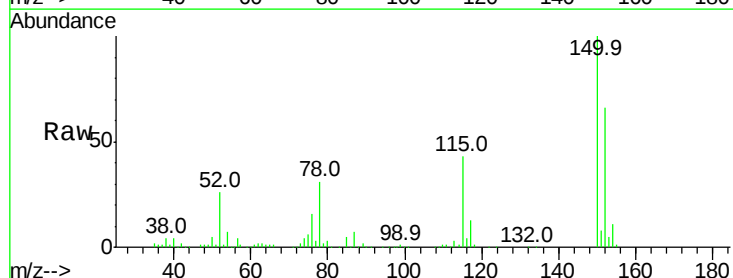
Tgt Ion: 79 Resp: 5194

Ion Ratio Lower Upper

79 100

108 17.0 57.2 85.8#

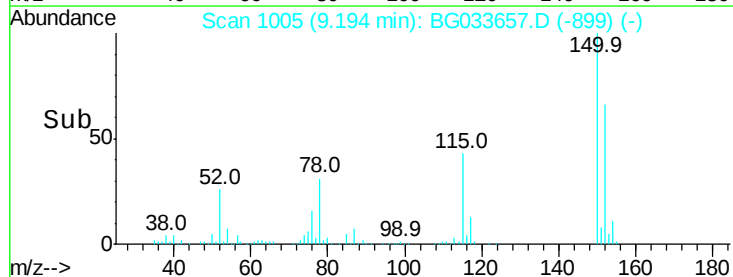
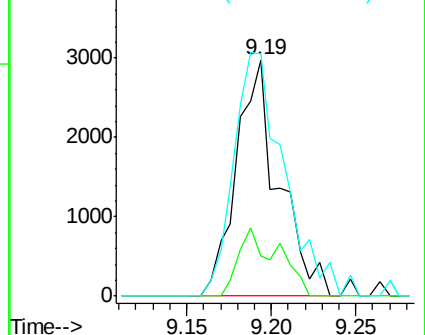
77 102.7 46.1 69.1#

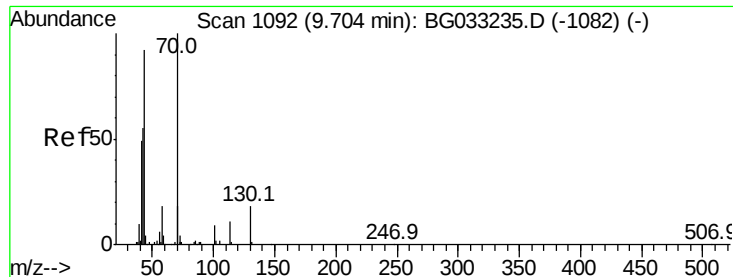


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

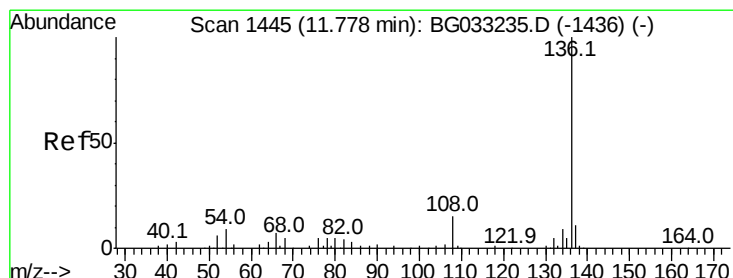
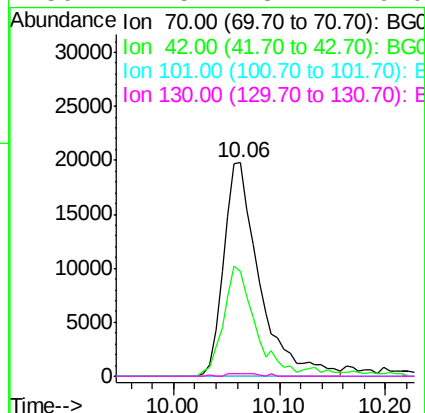
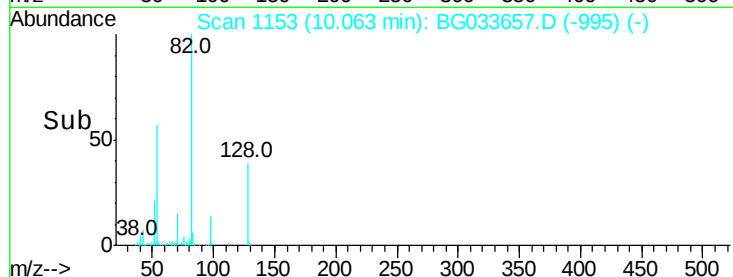
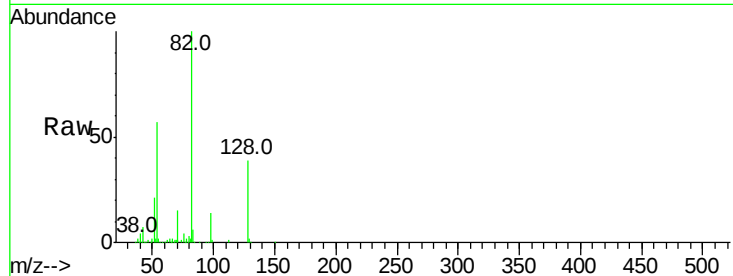




#19
n-Nitroso-di-n-propylamine
Concen: 20.268 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.40 min
Lab File: BG033657.D
Acq: 7 Apr 2018 9:17

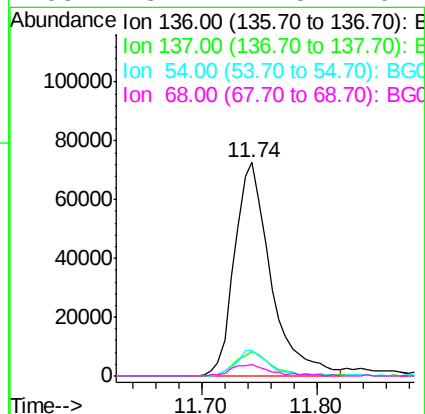
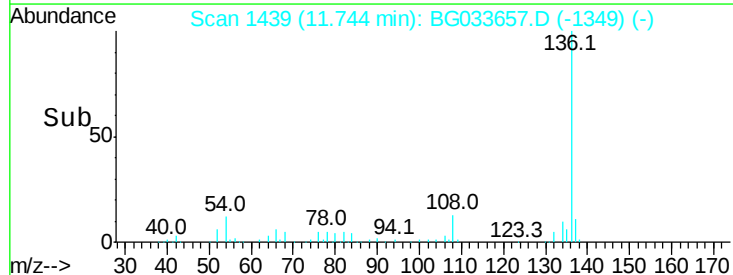
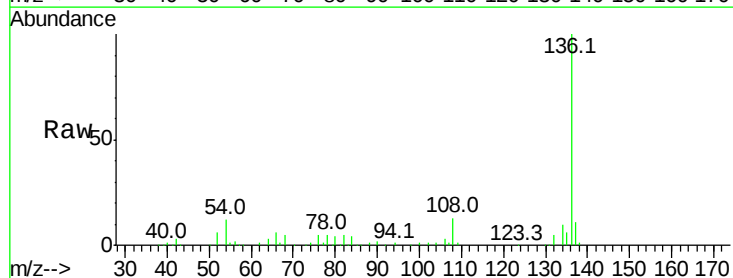
Instrument :
BNA_G
ClientSampleId :

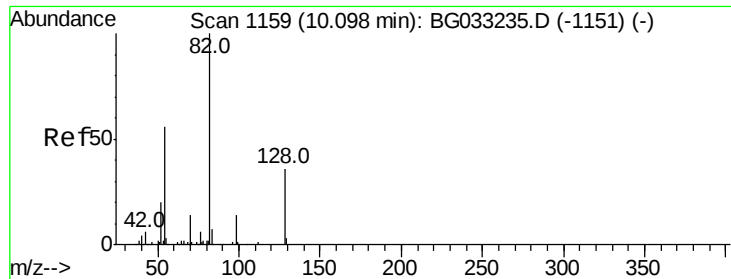
Tot Ion:	70	Resp:	46416
Ion	Ratio	Lower	Upper
70	100		
42	49.4	49.1	73.7
101	0.0	8.5	12.7#
130	1.5	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BG033657.D
Acq: 7 Apr 2018 9:17

Tgt Ion:	136	Resp:	158802
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	11.7	10.3	15.5
68	5.2	4.5	6.7

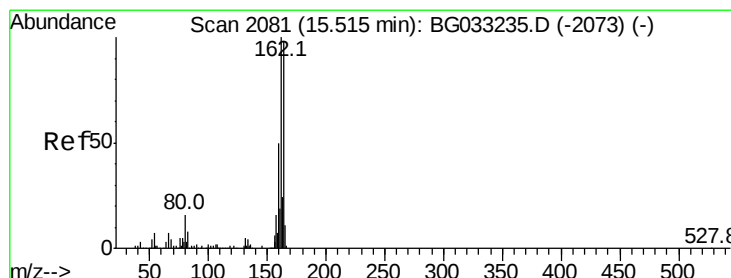
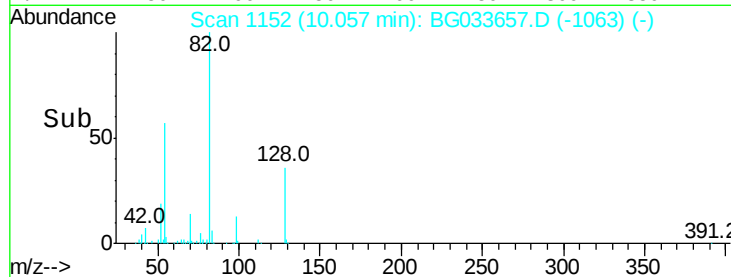
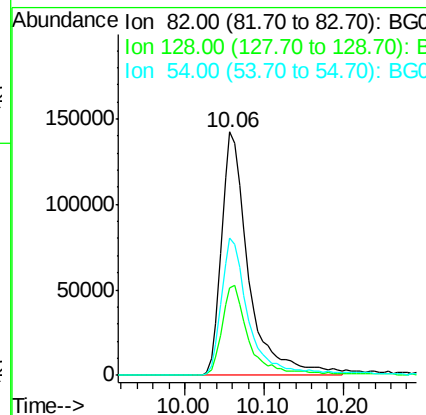
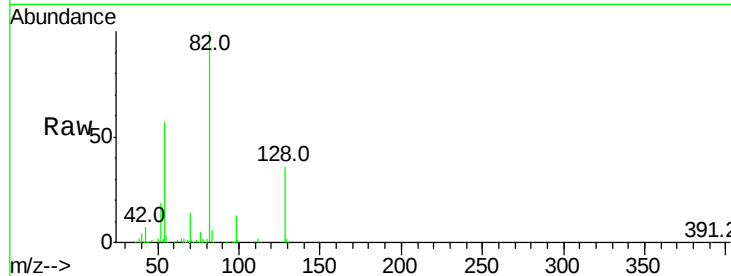




#23
 Nitrobenzene-d5
 Concen: 97.681 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG033657.D
 Acq: 7 Apr 2018 9:17

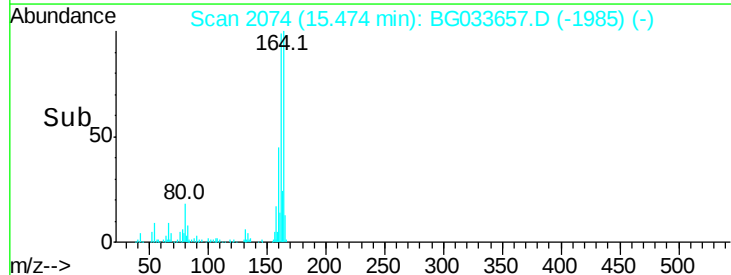
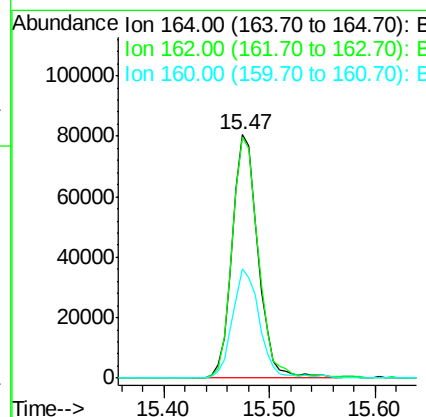
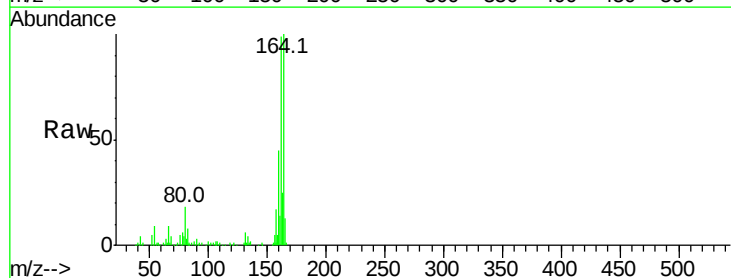
Instrument :
 BNA_G
 ClientSampleId :

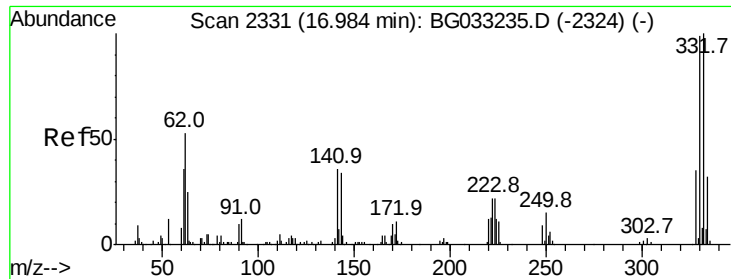
Tot Ion	82	Resp	337628
Ion	Ratio	Lower	Upper
82	100		
128	36.0	29.7	44.5
54	56.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG033657.D
 Acq: 7 Apr 2018 9:17

Tgt Ion	164	Resp	136209
Ion	Ratio	Lower	Upper
164	100		
162	98.9	78.8	118.2
160	44.7	35.4	53.0

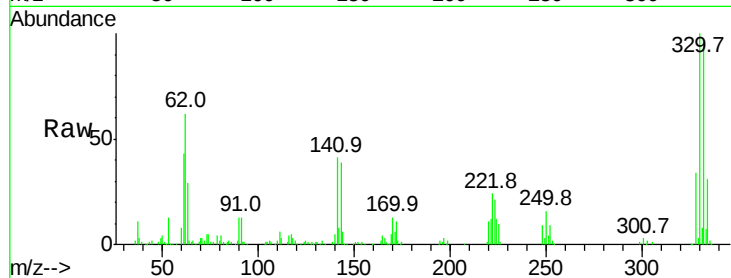




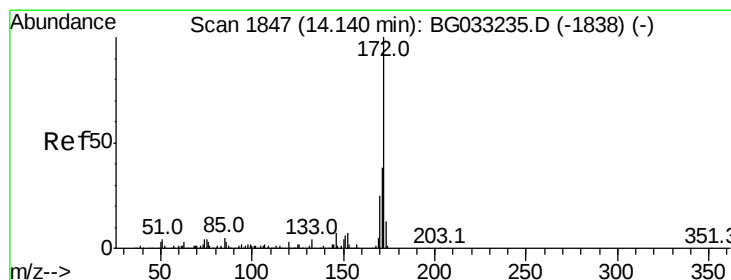
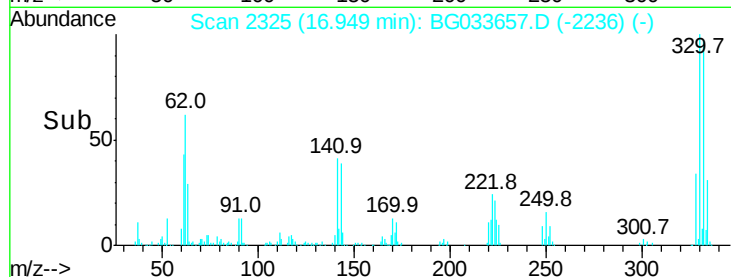
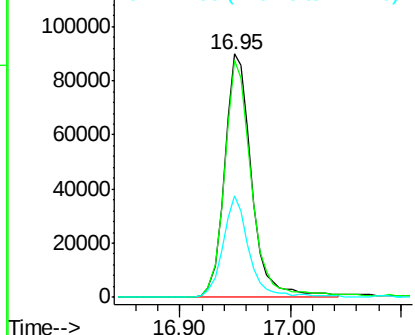
#41
 2,4,6-Tribromophenol
 Concen: 75.969 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033657.D
 Acq: 7 Apr 2018 9:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 154761
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 40.1 25.2 37.8#

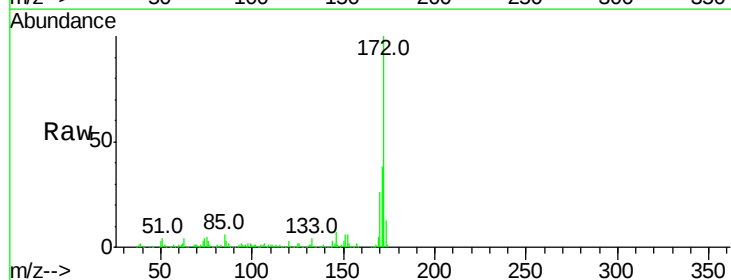


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

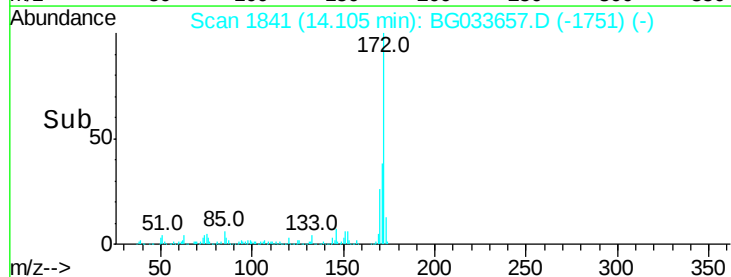
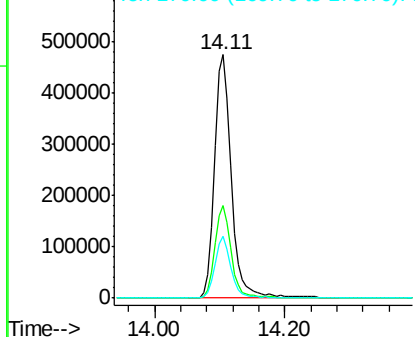


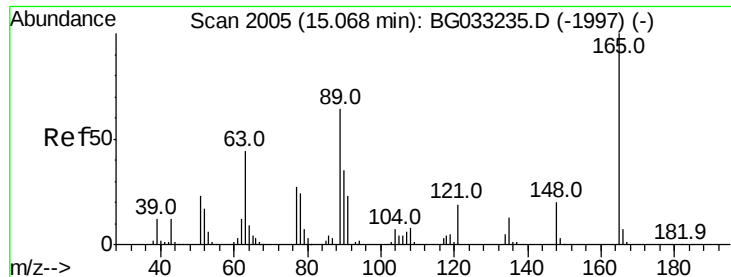
#44
 2-Fluorobiphenyl
 Concen: 90.714 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033657.D
 Acq: 7 Apr 2018 9:17

Tgt Ion:172 Resp: 855897
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.0 45.0
 170 25.7 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

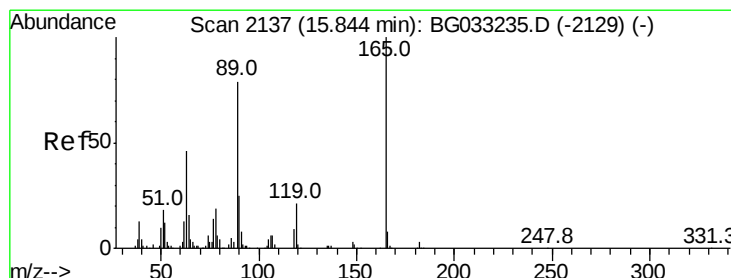
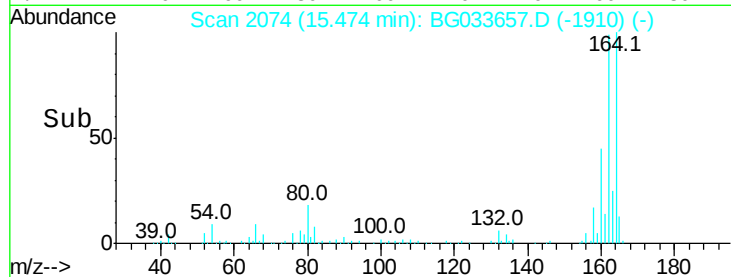
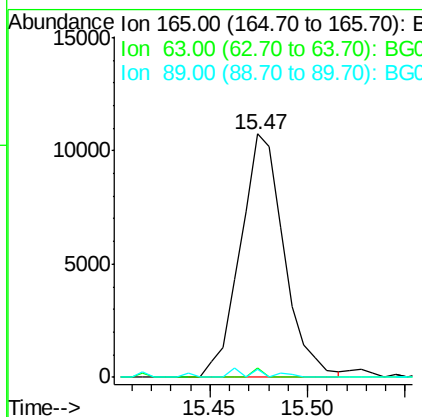
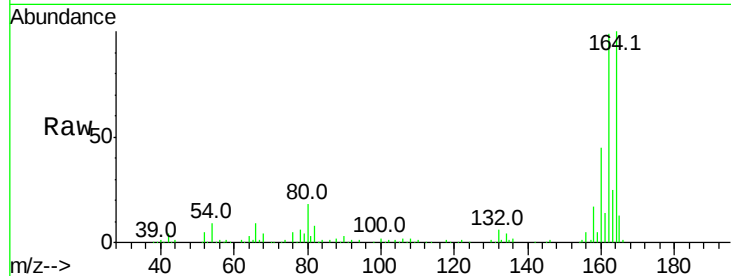




#50
 2,6-Dinitrotoluene
 Concen: 6.862 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.44 min
 Lab File: BG033657.D
 Acq: 7 Apr 2018 9:17

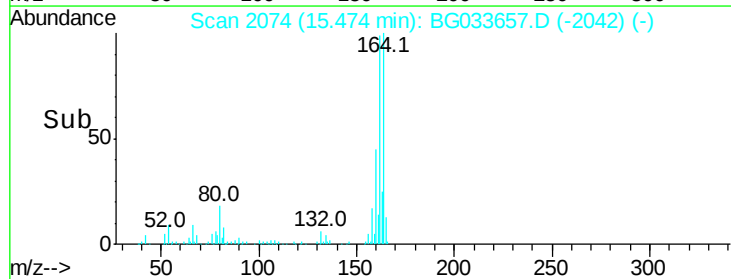
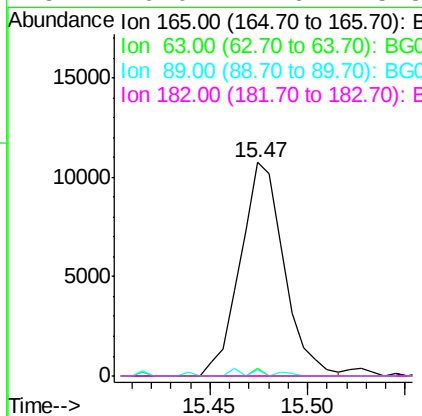
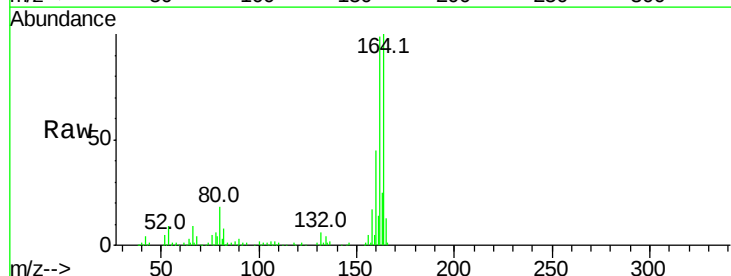
Instrument :
 BNA_G
 ClientSampled :

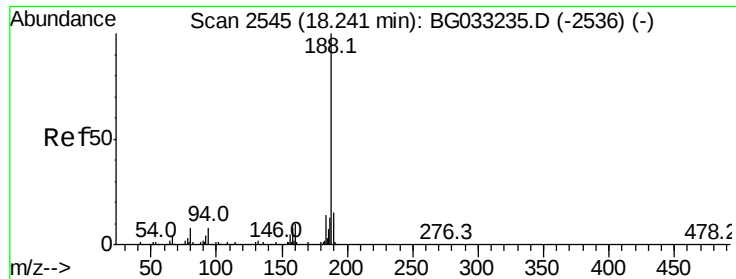
Tot Ion	Ratio	Lower	Upper
165	100		
63	3.6	52.7	79.1#
89	3.1	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.660 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033657.D
 Acq: 7 Apr 2018 9:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.6	42.0	63.0#
89	3.1	66.9	100.3#
182	0.0	2.6	3.8#

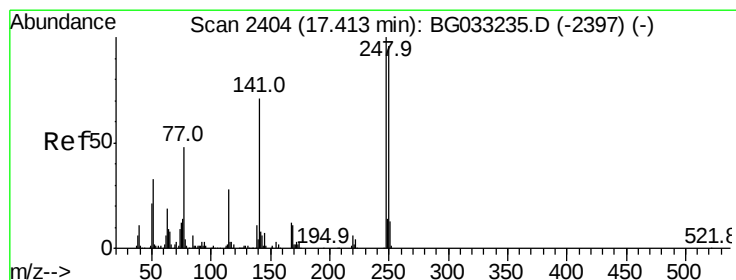
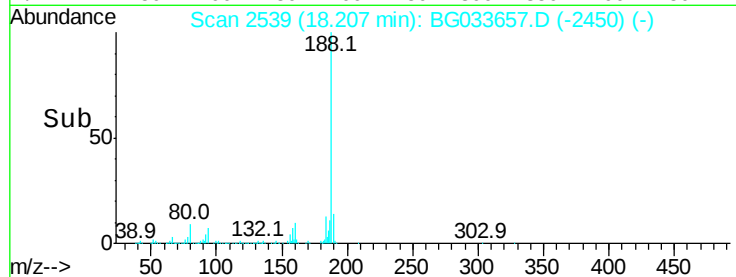
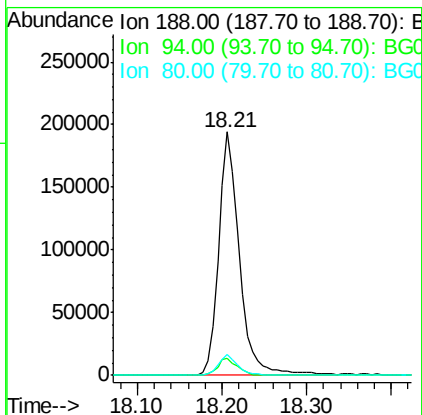
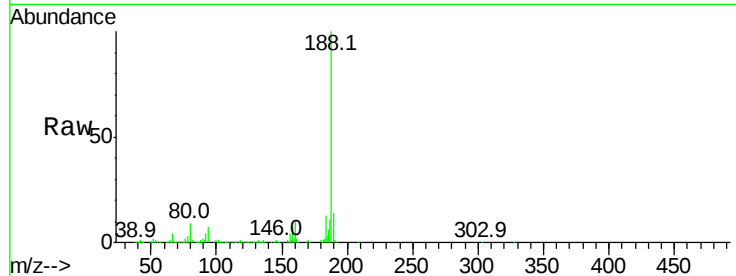




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG033657.D
Acq: 7 Apr 2018 9:17

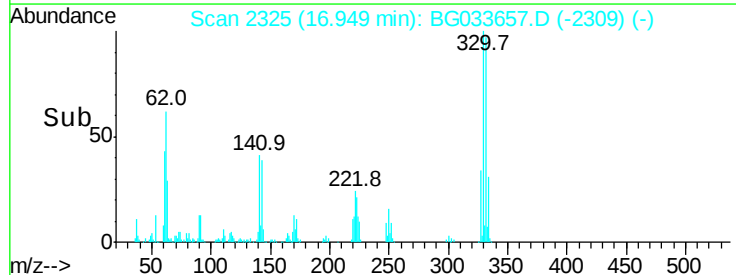
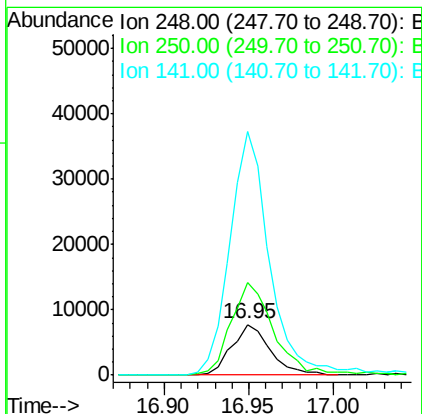
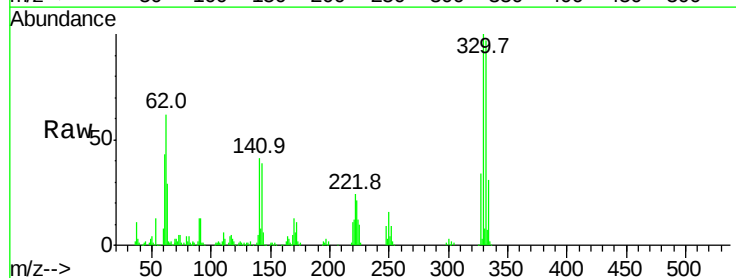
Instrument :
BNA_G
ClientSampleId :

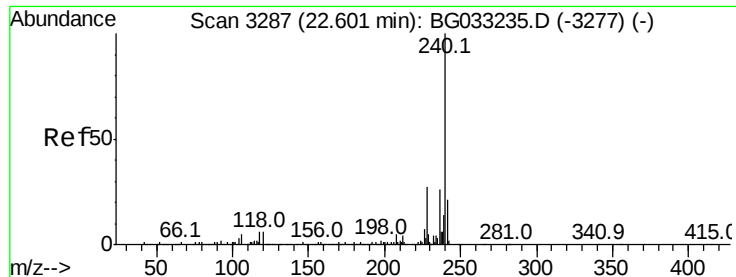
Tot Ion:188 Resp: 332417
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 8.5 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 3.155 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033657.D
Acq: 7 Apr 2018 9:17

Tgt Ion:248 Resp: 12315
Ion Ratio Lower Upper
248 100
250 183.3 77.1 115.7#
141 479.9 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.00 min

Lab File: BG033657.D

Acq: 7 Apr 2018 9:17

Instrument :

BNA_G

ClientSampleId :

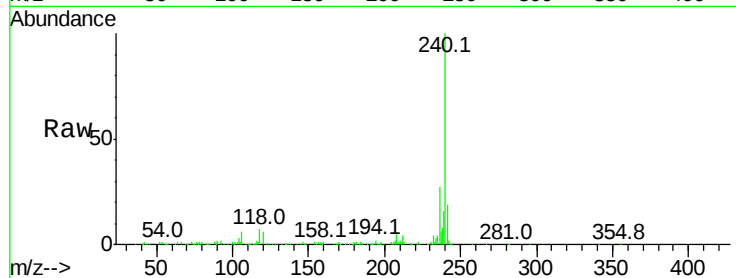
Tot Ion:240 Resp: 325846

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

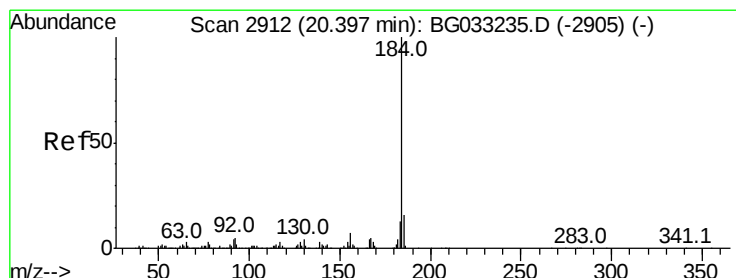
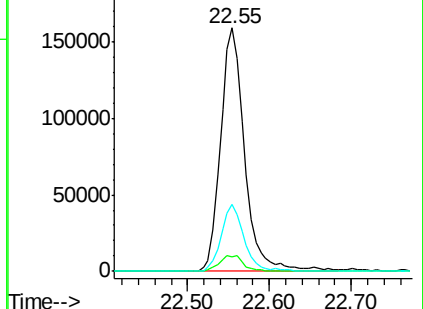
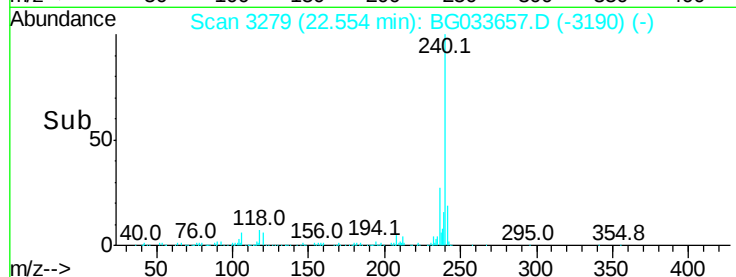
236 27.4 20.9 31.3



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: 2.595 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033657.D

Acq: 7 Apr 2018 9:17

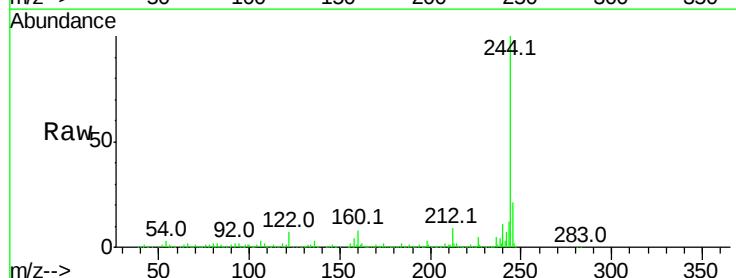
Tgt Ion:184 Resp: 22929

Ion Ratio Lower Upper

184 100

185 20.0 11.1 16.7#

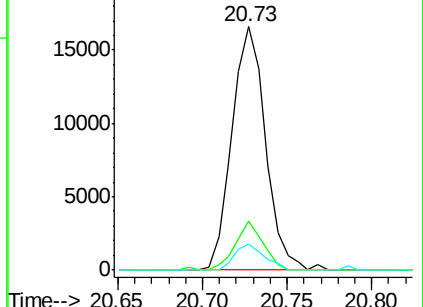
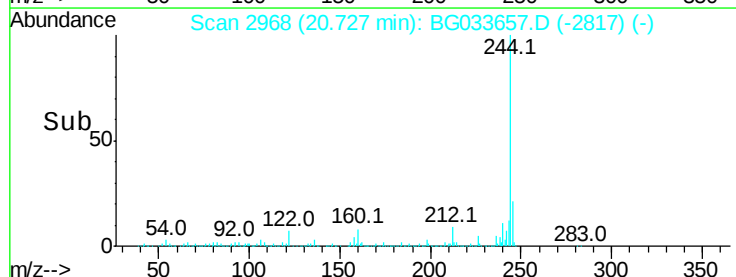
183 10.5 10.6 16.0#

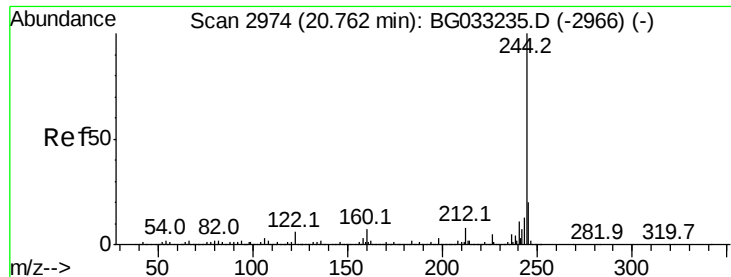


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



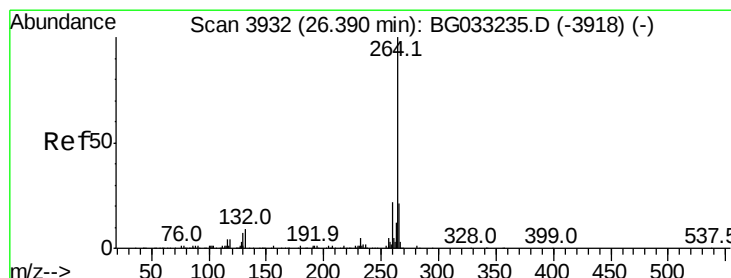
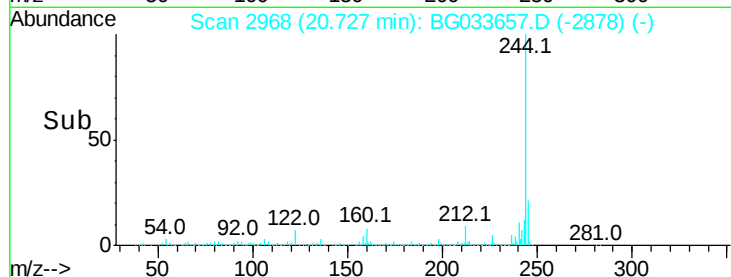
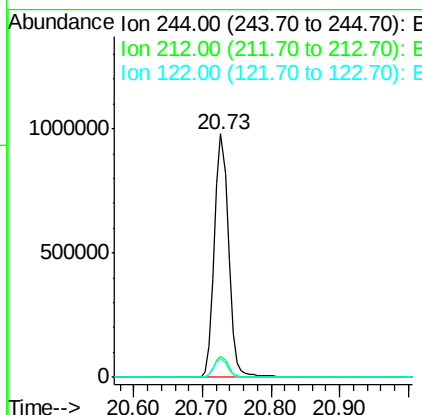
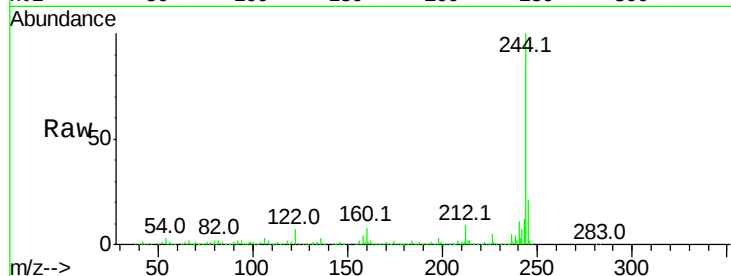


#78
 Terphenyl-d14
 Concen: 91.870 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. 0.00 min
 Lab File: BG033657.D
 Acq: 7 Apr 2018 9:17

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1399769

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	7.4	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. 0.00 min
 Lab File: BG033657.D
 Acq: 7 Apr 2018 9:17

Tgt Ion:264 Resp: 326725

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	22.2	17.7	26.5

