

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033483.D
 Acq On : 2 Apr 2018 12:31
 Operator : SJ/JU
 Sample : PB107734BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 03:57:21 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

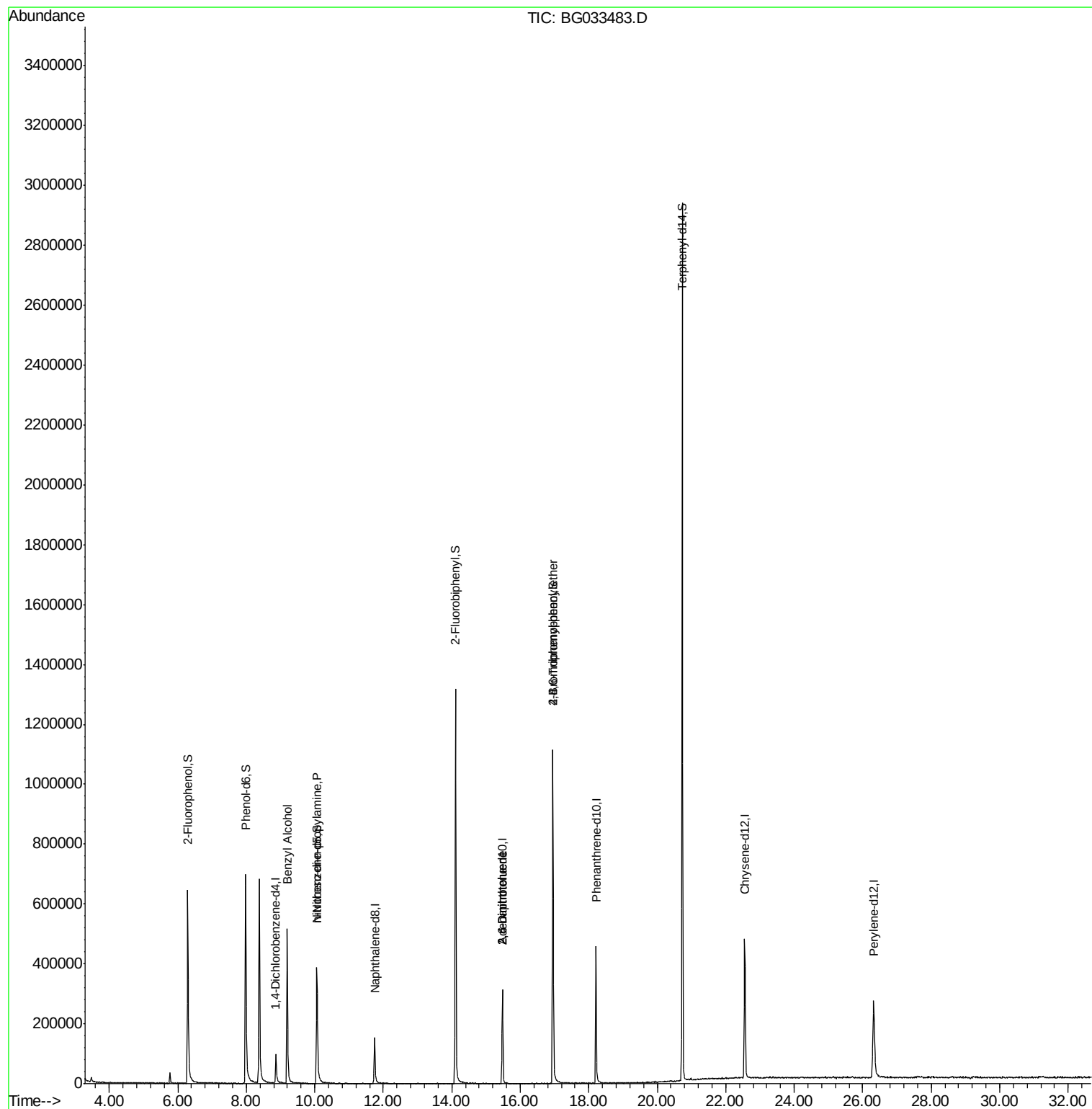
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	34986	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	156163	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	120781	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	334526	20.00	ng	0.00
75) Chrysene-d12	22.55	240	354483	20.00	ng	0.00
86) Perylene-d12	26.32	264	366395	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	327374	175.46	ng	0.00
7) Phenol-d6	7.98	99	499576	155.83	ng	0.00
23) Nitrobenzene-d5	10.06	82	315675	92.87	ng	-0.02
41) 2,4,6-Tribromophenol	16.95	330	231492	128.15	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	777178	92.89	ng	0.00
78) Terphenyl-d14	20.73	244	1487773	89.76	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	5618	2.226	ng	# 32
19) n-Nitroso-di-n-propylamine	10.06	70	41685	17.745	ng	# 76
50) 2,6-Dinitrotoluene	15.48	165	15495	7.209	ng	# 18
56) 2,4-Dinitrotoluene	15.48	165	15494	4.896	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	16736	4.260	ng	# 1

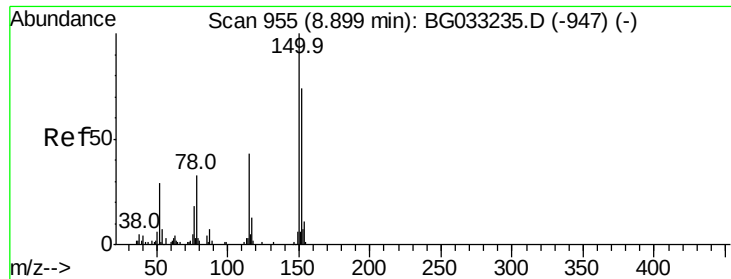
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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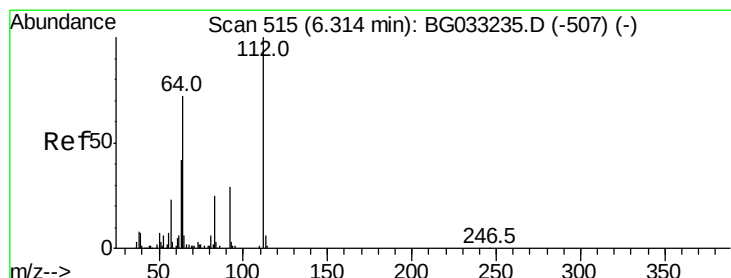
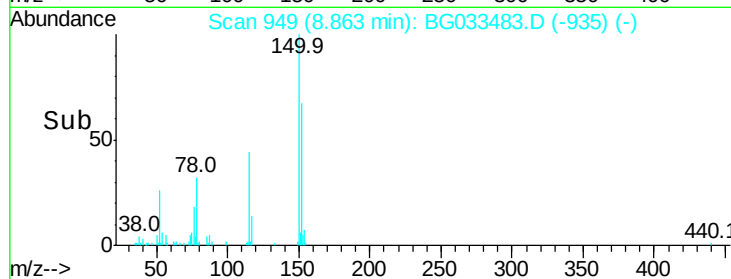
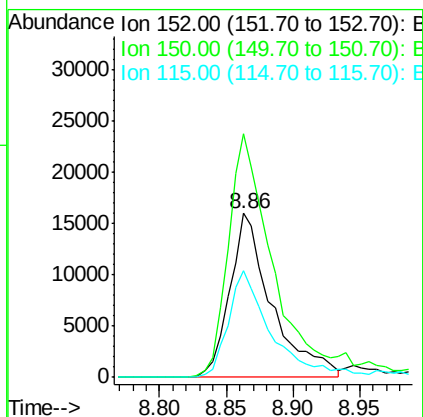
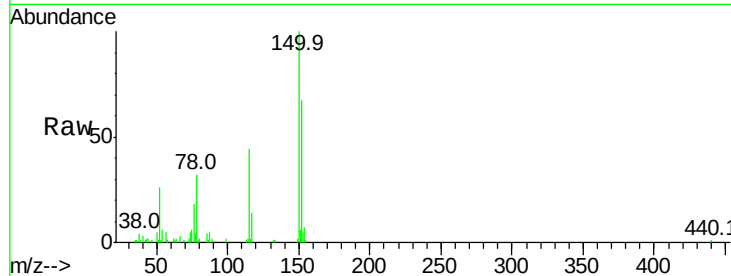


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.02 min
Lab File: BG033483.D
Acq: 2 Apr 2018 12:31

Instrument :
BNA_G
ClientSampleId :

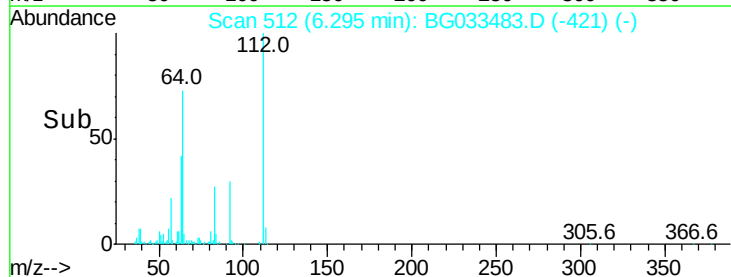
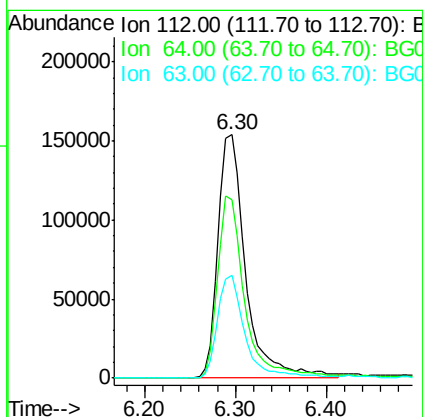
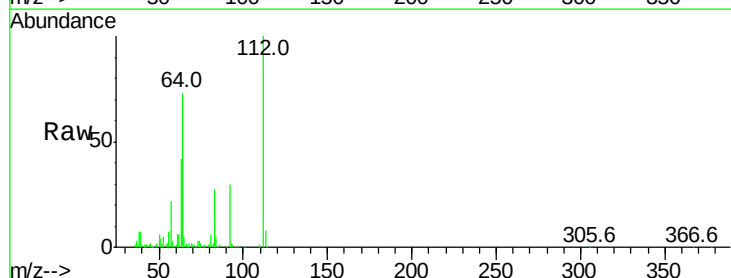
Tot Ion:152 Resp: 34986
Ion Ratio Lower Upper
152 100
150 148.7 126.6 189.8
115 65.4 53.0 79.4

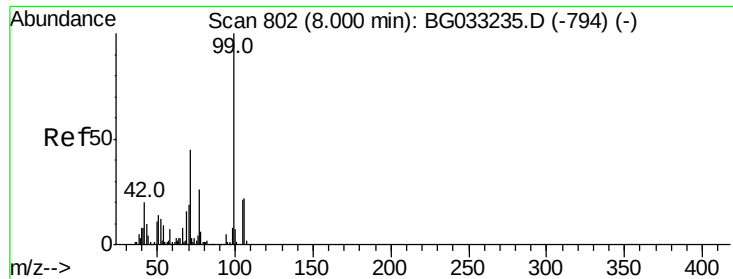


#5

2-Fluorophenol
Concen: 175.460 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033483.D
Acq: 2 Apr 2018 12:31

Tgt Ion:112 Resp: 327374
Ion Ratio Lower Upper
112 100
64 73.1 56.3 84.5
63 42.4 30.1 45.1





#7

Phenol-d6

Concen: 155.834 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033483.D

Acq: 2 Apr 2018 12:31

Instrument :

BNA_G

ClientSampleId :

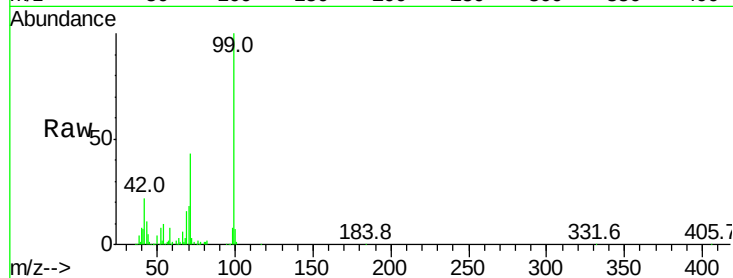
Tot Ion: 99 Resp: 499576

Ion Ratio Lower Upper

99 100

42 21.5 14.1 21.1#

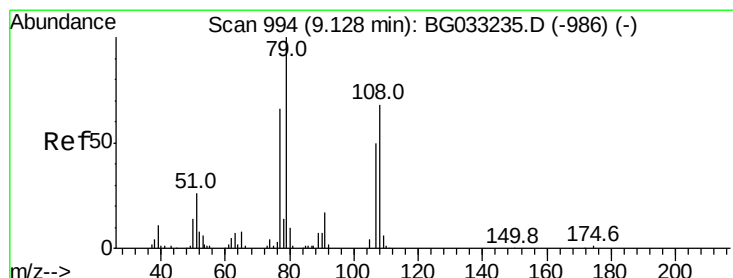
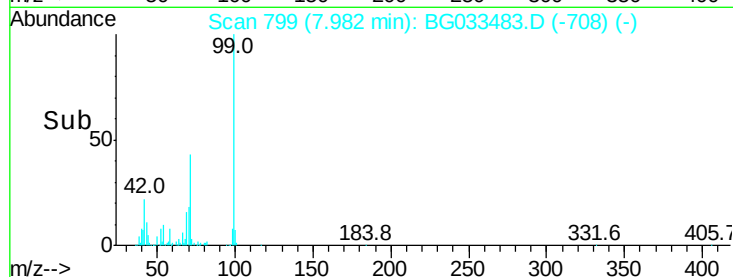
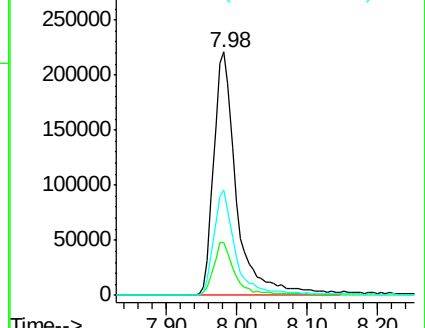
71 43.1 26.1 39.1#



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: 2.226 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.08 min

Lab File: BG033483.D

Acq: 2 Apr 2018 12:31

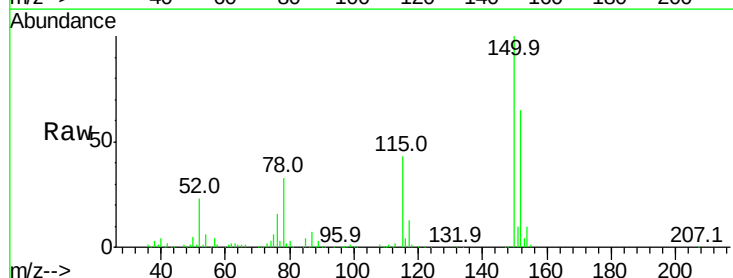
Tgt Ion: 79 Resp: 5618

Ion Ratio Lower Upper

79 100

108 29.8 57.2 85.8#

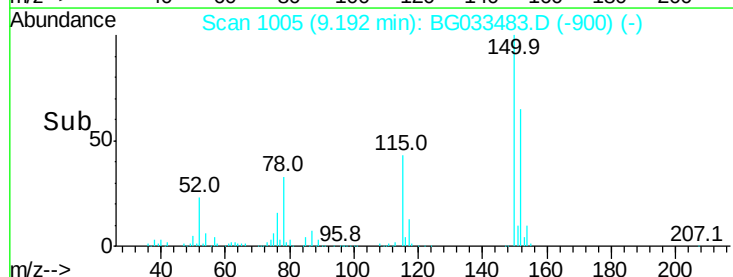
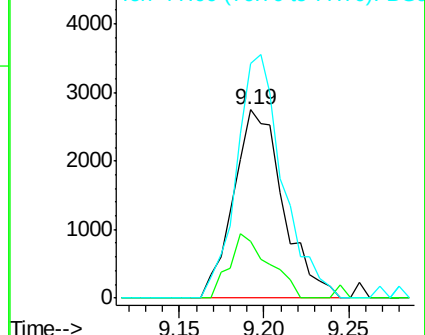
77 124.6 46.1 69.1#

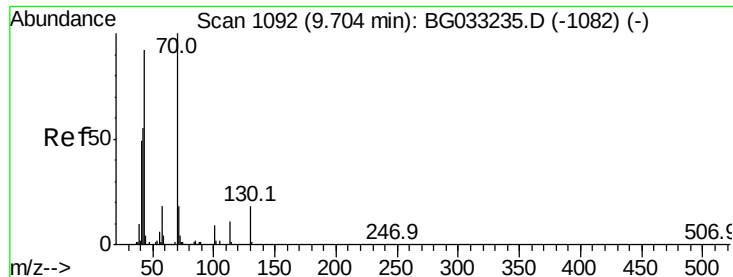


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

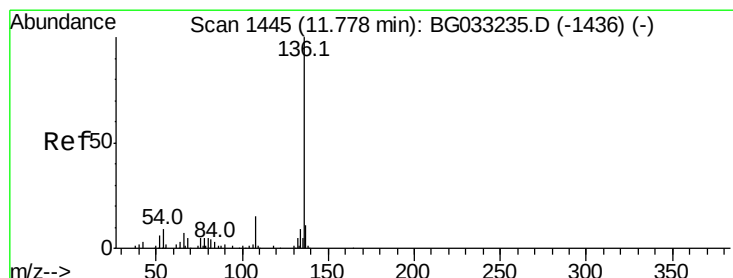
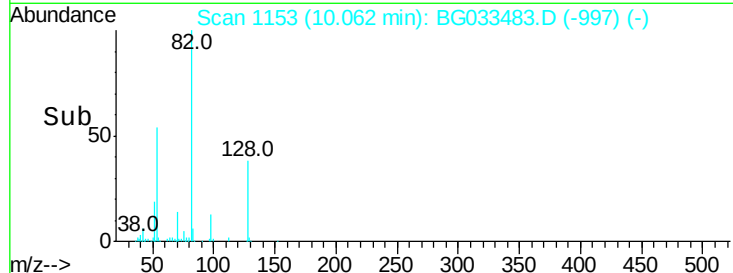
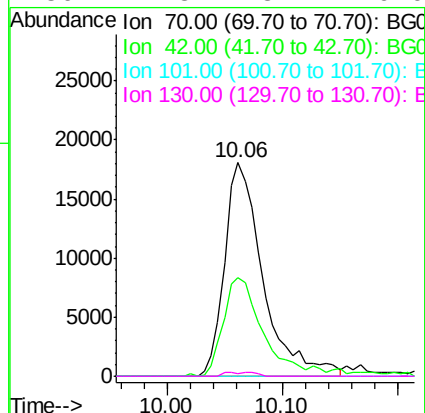
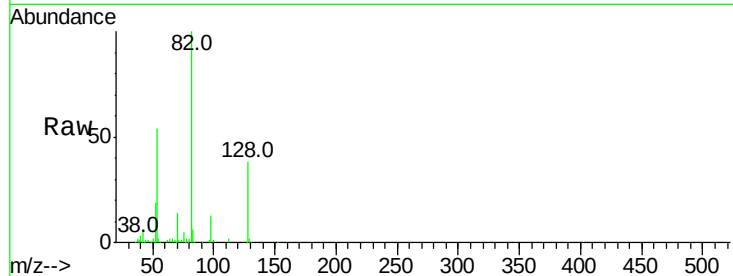




#19
n-Nitroso-di-n-propylamine
Concen: 17.745 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.38 min
Lab File: BG033483.D
Acq: 2 Apr 2018 12:31

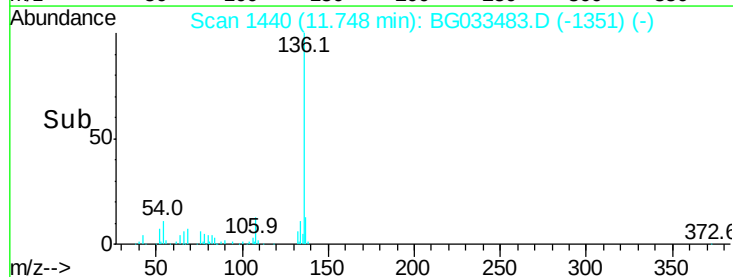
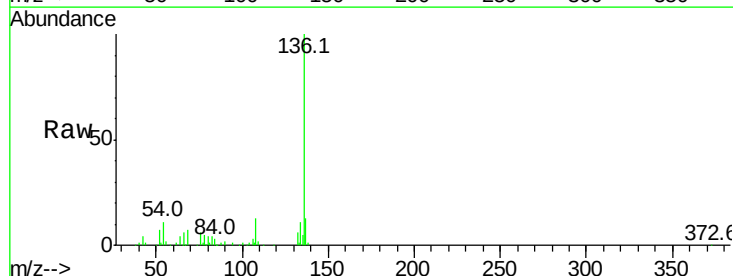
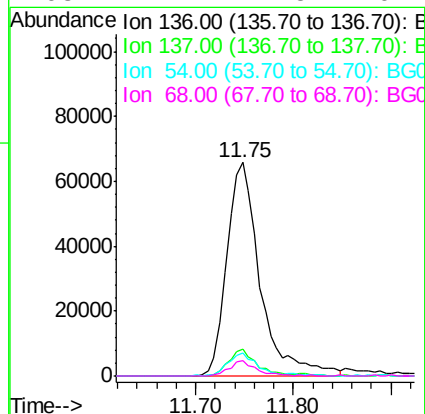
Instrument :
BNA_G
ClientSampleId :

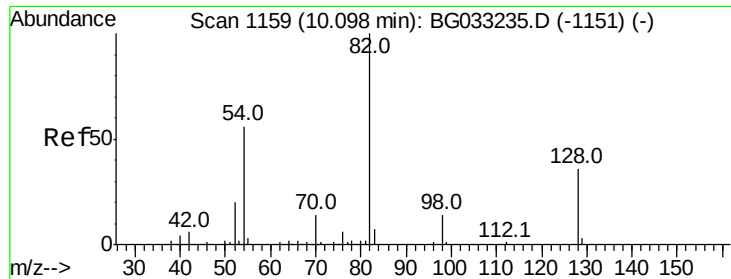
Tot Ion: 70 Resp: 41685
Ion Ratio Lower Upper
70 100
42 46.2 49.1 73.7#
101 0.0 8.5 12.7#
130 1.3 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033483.D
Acq: 2 Apr 2018 12:31

Tgt Ion: 136 Resp: 156163
Ion Ratio Lower Upper
136 100
137 12.6 9.2 13.8
54 10.7 10.3 15.5
68 7.1 4.5 6.7#

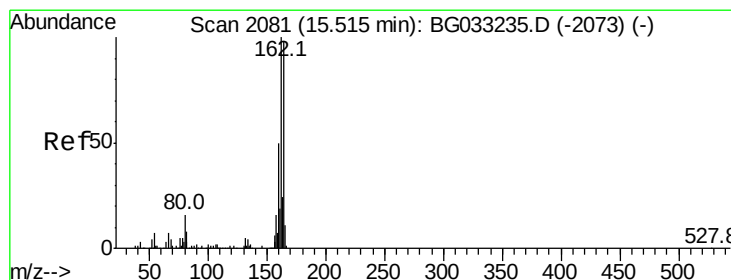
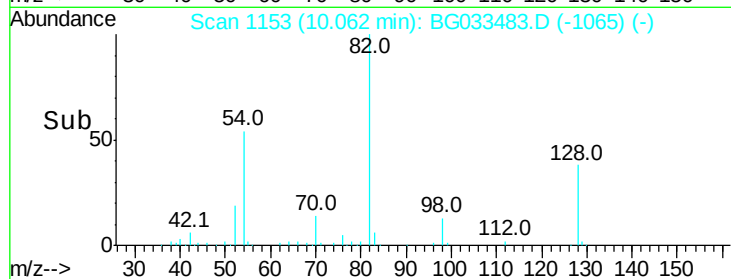
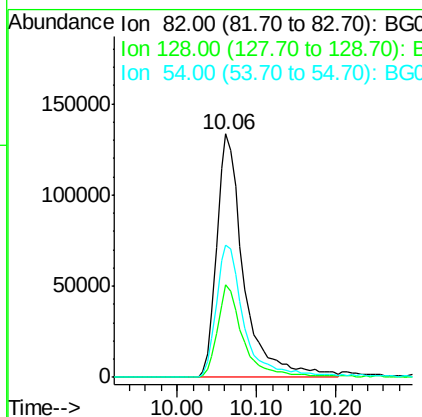
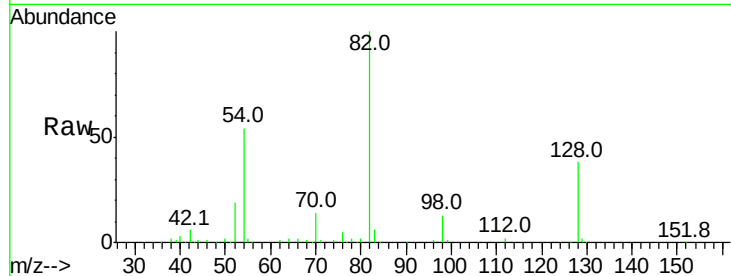




#23
 Nitrobenzene-d5
 Concen: 92.873 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BG033483.D
 Acq: 2 Apr 2018 12:31

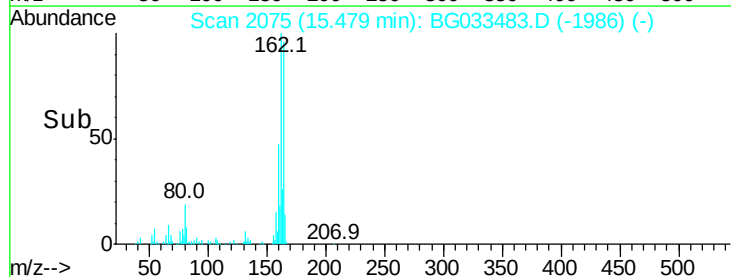
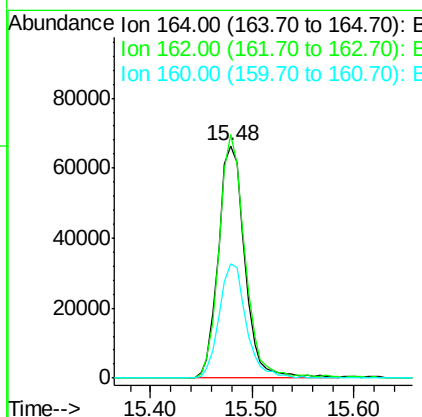
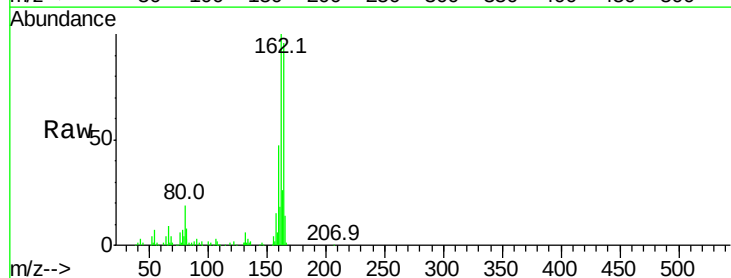
Instrument :
 BNA_G
 ClientSampleId :

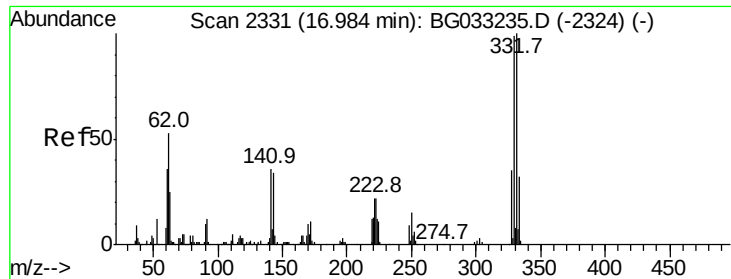
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.7	44.5
54	54.1	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033483.D
 Acq: 2 Apr 2018 12:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	78.8	118.2
160	49.1	35.4	53.0

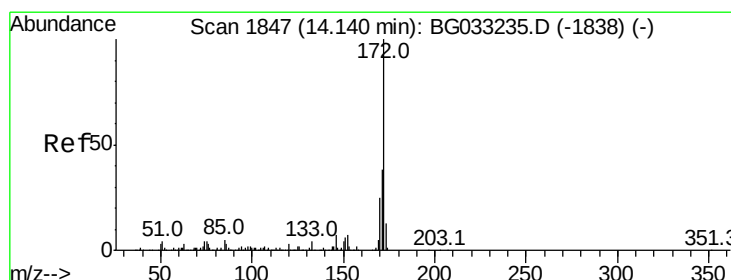
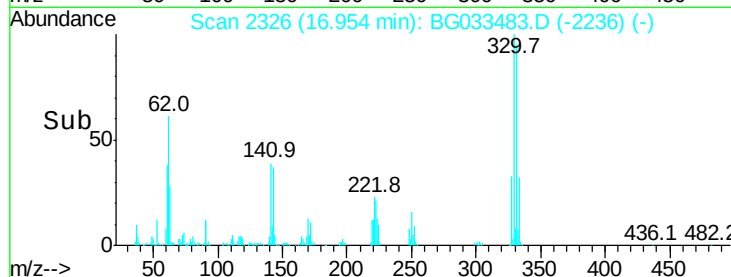
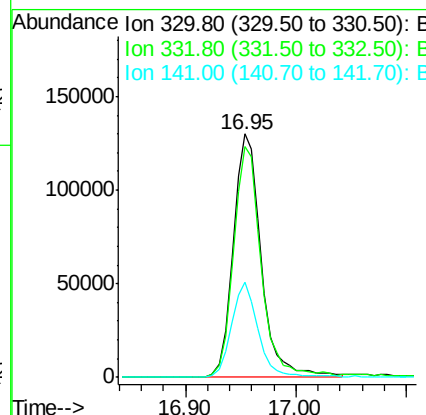
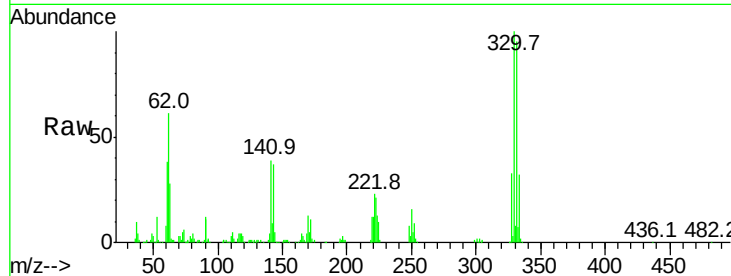




#41
 2,4,6-Tribromophenol
 Concen: 128.150 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033483.D
 Acq: 2 Apr 2018 12:31

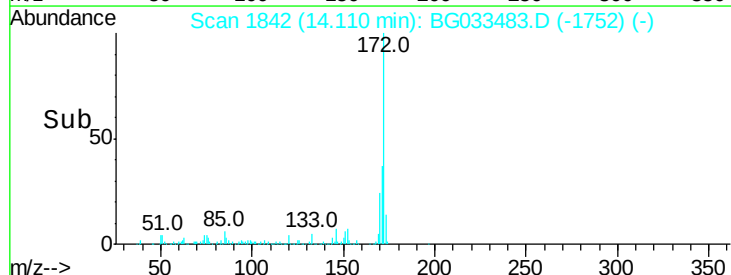
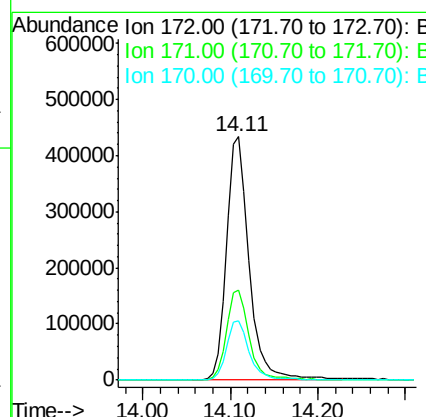
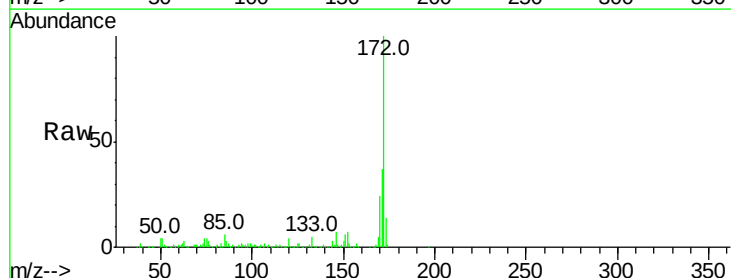
Instrument :
 BNA_G
 ClientSampleId :

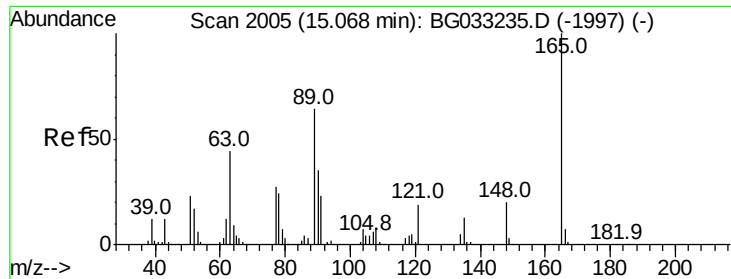
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	37.4	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 92.892 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033483.D
 Acq: 2 Apr 2018 12:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	24.5	19.5	29.3

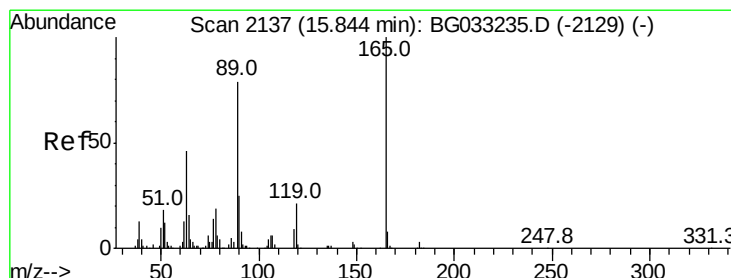
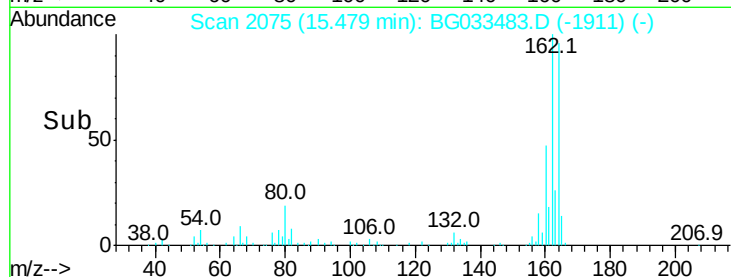
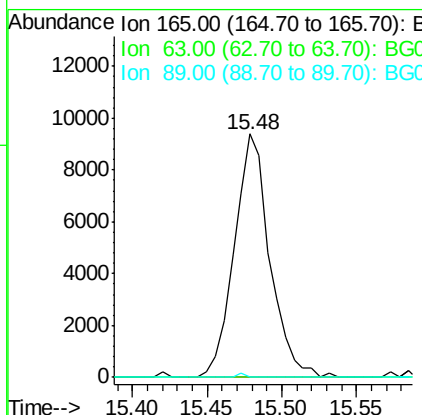
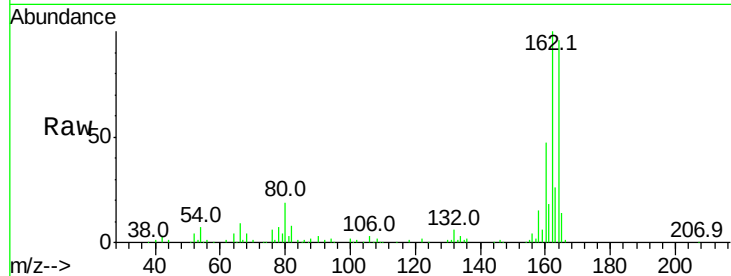




#50
 2,6-Dinitrotoluene
 Concen: 7.209 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.43 min
 Lab File: BG033483.D
 Acq: 2 Apr 2018 12:31

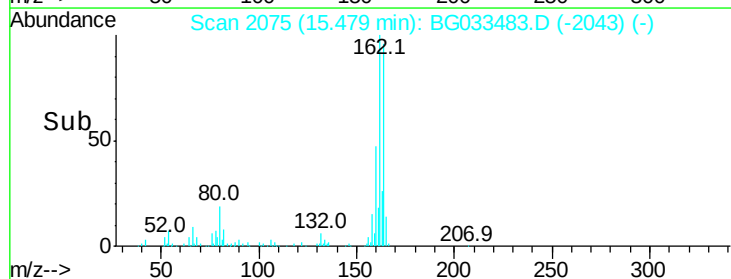
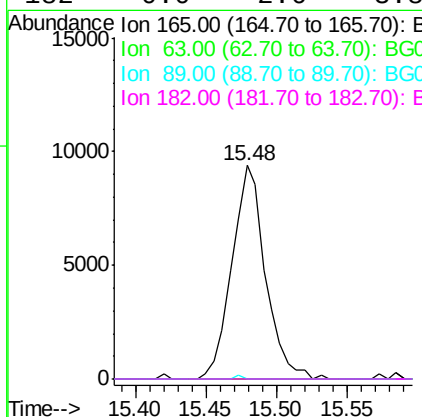
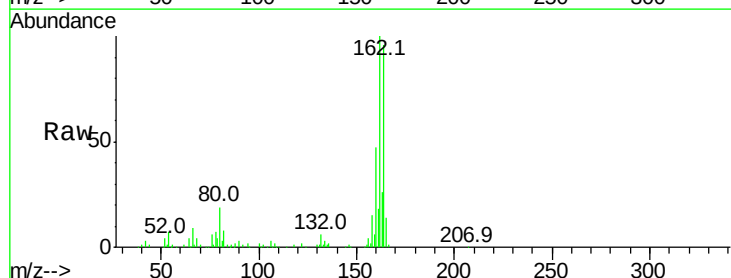
Instrument :
 BNA_G
 ClientSampleId :

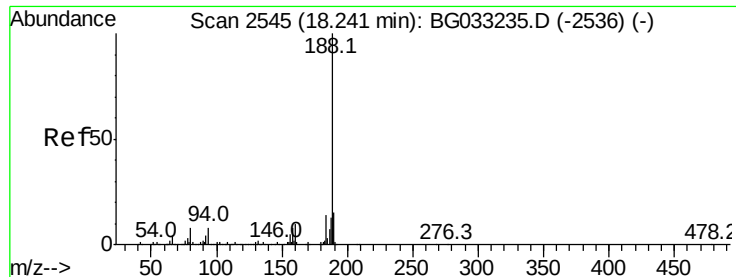
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.896 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033483.D
 Acq: 2 Apr 2018 12:31

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033483.D

Acq: 2 Apr 2018 12:31

Instrument :

BNA_G

ClientSampleId :

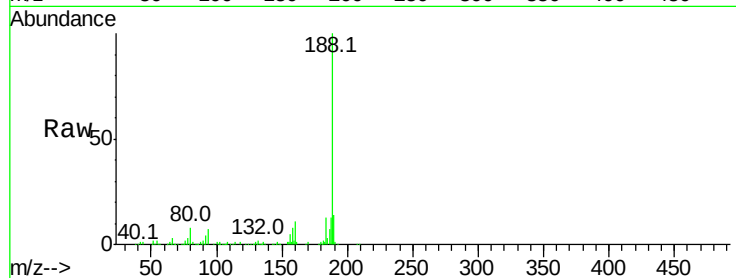
Tot Ion:188 Resp: 334526

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

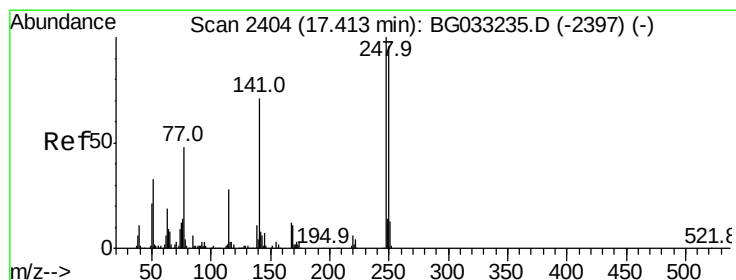
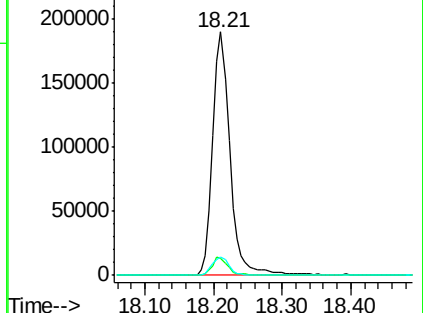
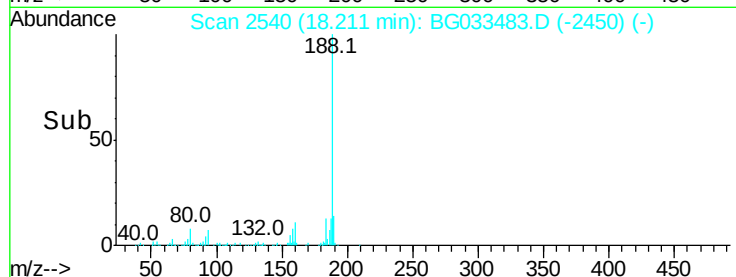
80 7.8 7.7 11.5



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



#66

4-Bromophenyl-phenylether

Concen: 4.260 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.43 min

Lab File: BG033483.D

Acq: 2 Apr 2018 12:31

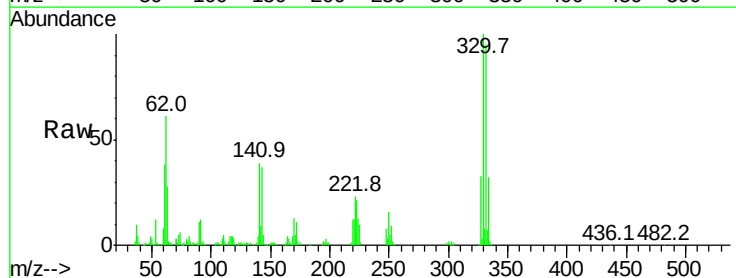
Tgt Ion:248 Resp: 16736

Ion Ratio Lower Upper

248 100

250 204.8 77.1 115.7#

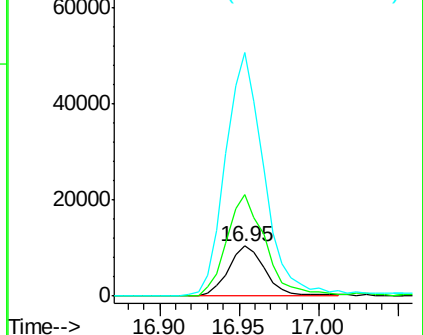
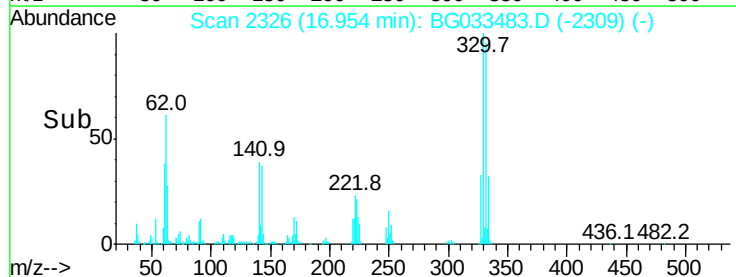
141 489.8 50.8 76.2#

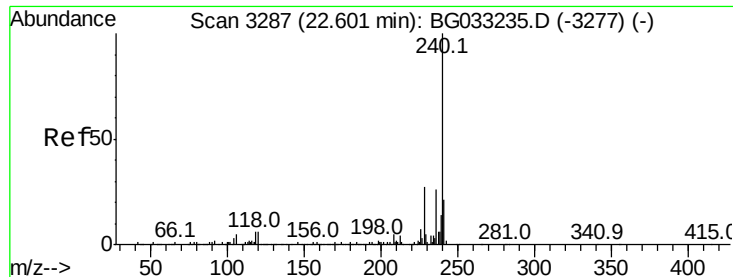


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG033483.D

Acq: 2 Apr 2018 12:31

Instrument :

BNA_G

ClientSampleId :

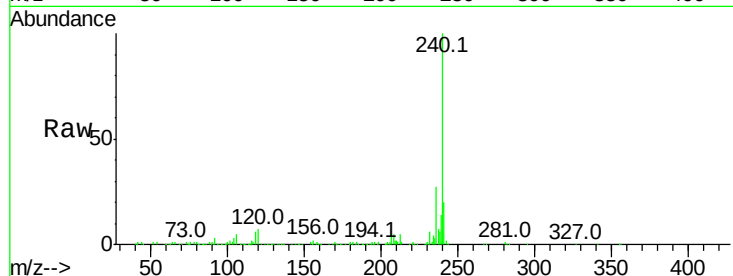
Tot Ion:240 Resp: 354483

Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

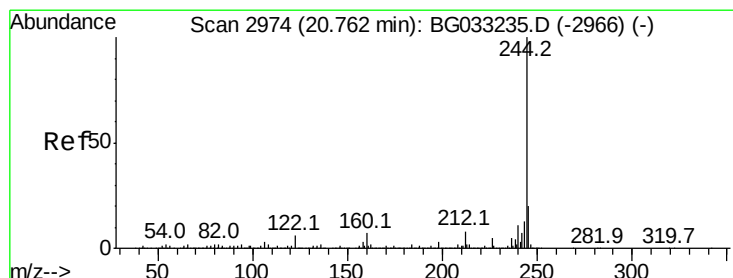
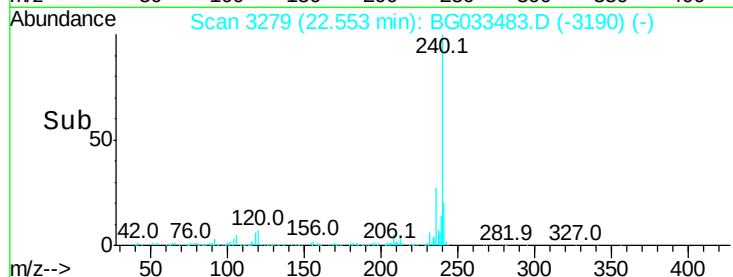
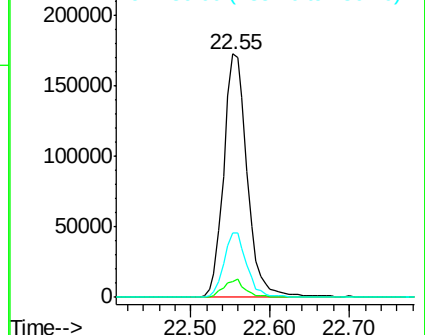
236 26.5 20.9 31.3



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: 89.758 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033483.D

Acq: 2 Apr 2018 12:31

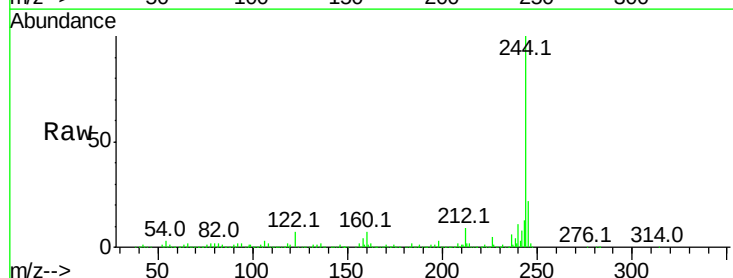
Tgt Ion:244 Resp: 1487773

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

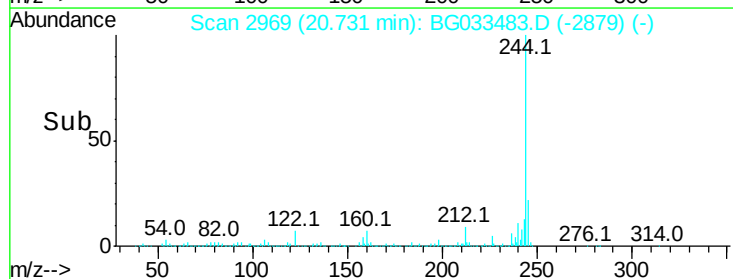
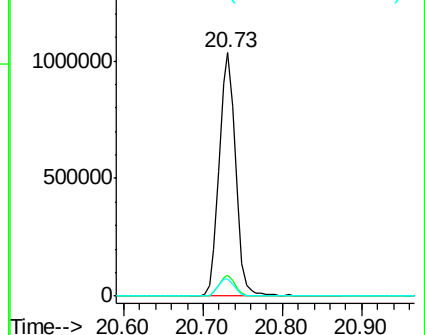
122 7.2 7.0 10.4

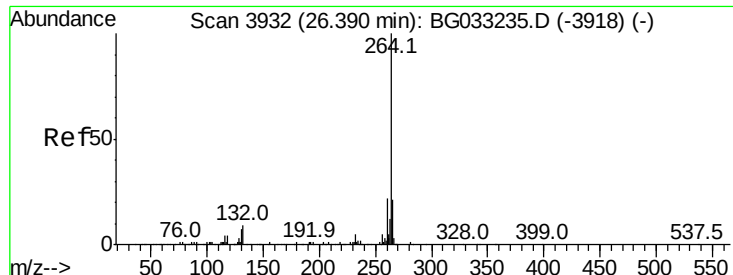


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

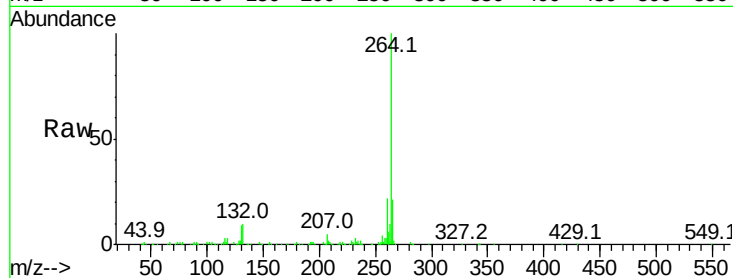




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.02 min
Lab File: BG033483.D
Acq: 2 Apr 2018 12:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	21.2	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

