

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033513.D
 Acq On : 3 Apr 2018 7:16
 Operator : SJ/JU
 Sample : PB107894BL
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 07:54:57 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

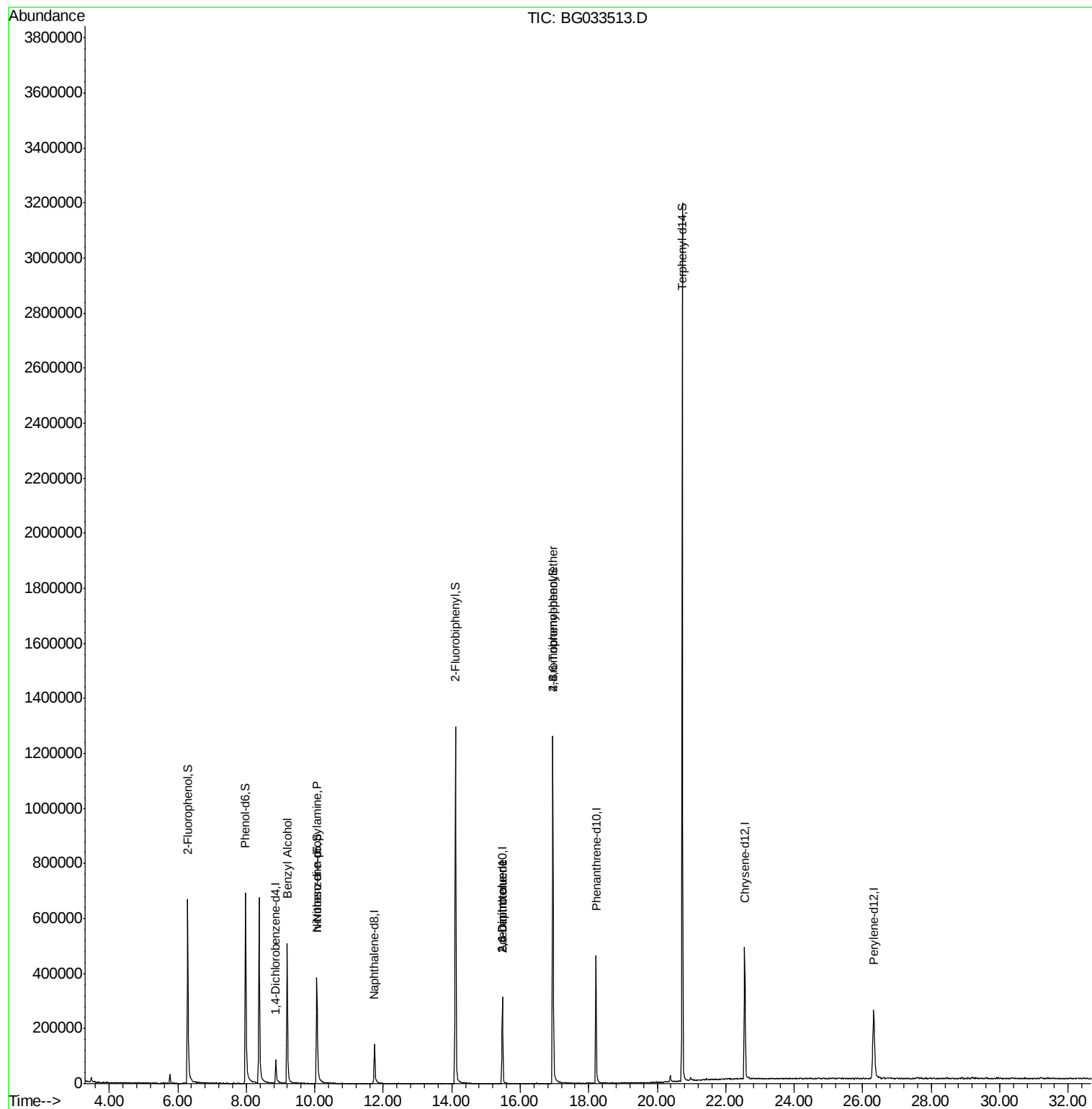
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	35238	20.00	ng	-0.01
21) Naphthalene-d8	11.74	136	146413	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	121926	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	341994	20.00	ng	0.00
75) Chrysene-d12	22.55	240	359618	20.00	ng	0.00
86) Perylene-d12	26.33	264	375014	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	322593	171.66	ng	0.00
7) Phenol-d6	7.98	99	491129	152.10	ng	0.00
23) Nitrobenzene-d5	10.06	82	309238	97.04	ng	-0.01
41) 2,4,6-Tribromophenol	16.95	330	254340	139.48	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	778826	92.21	ng	0.00
78) Terphenyl-d14	20.73	244	1576453	93.75	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	5729	2.254	ng	# 31
19) n-Nitroso-di-n-propylamine	10.06	70	41713	17.630	ng	# 77
50) 2,6-Dinitrotoluene	15.47	165	15964	7.358	ng	# 22
56) 2,4-Dinitrotoluene	15.47	165	15963	4.997	ng	# 20
66) 4-Bromophenyl-phenylether	16.95	248	19299	4.805	ng	# 1

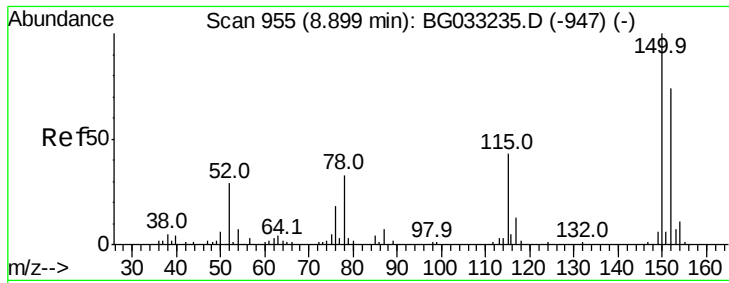
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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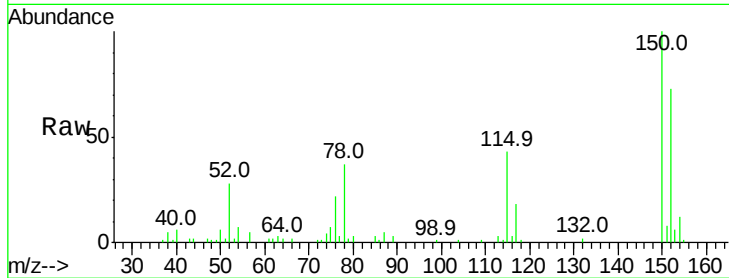


#1

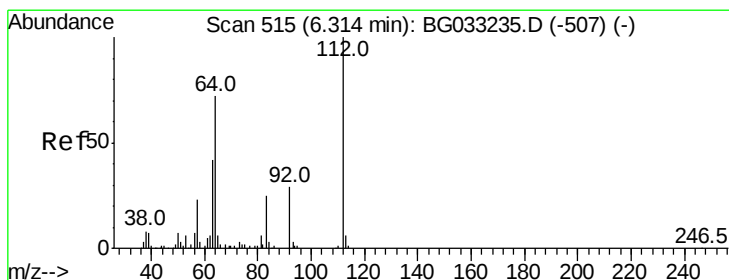
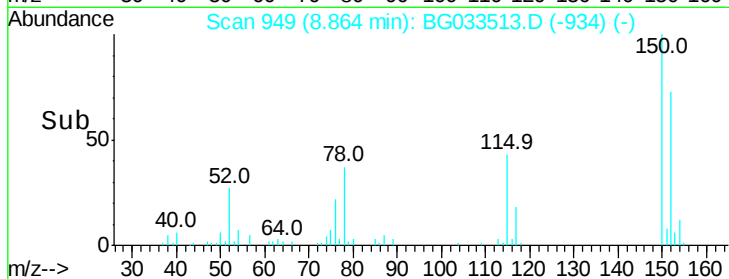
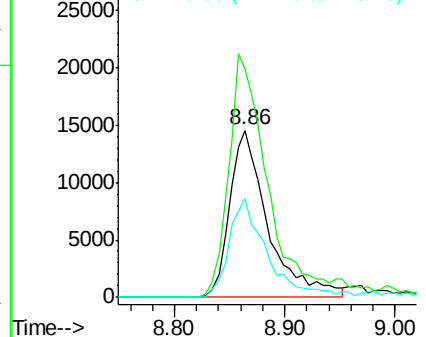
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033513.D
Acq: 3 Apr 2018 7:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 35238
Ion Ratio Lower Upper
152 100
150 136.7 126.6 189.8
115 59.0 53.0 79.4



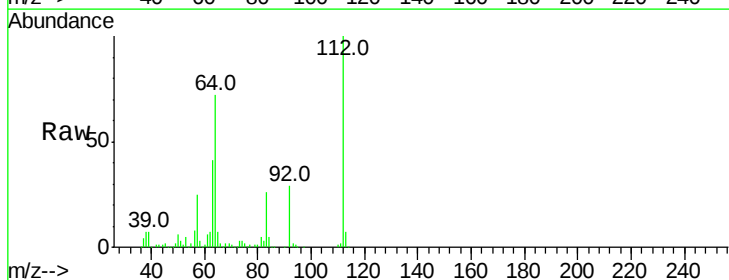
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



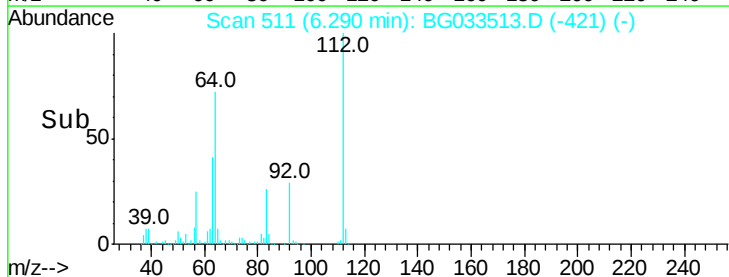
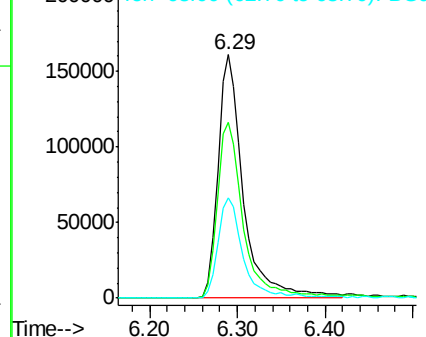
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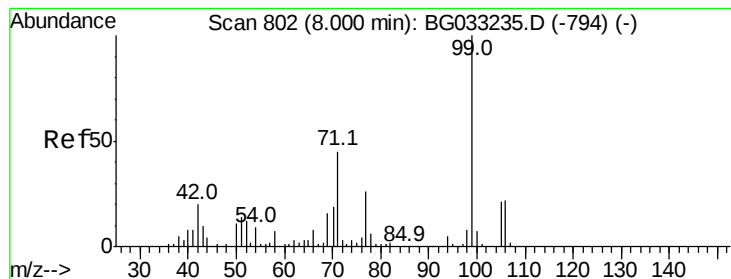
2-Fluorophenol
Concen: 171.661 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033513.D
Acq: 3 Apr 2018 7:16

Tgt Ion:112 Resp: 322593
Ion Ratio Lower Upper
112 100
64 72.3 56.3 84.5
63 41.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 152.103 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033513.D

Acq: 3 Apr 2018 7:16

Instrument :

BNA_G

ClientSampled :

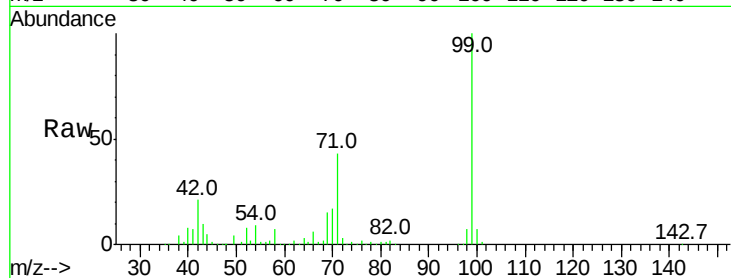
Tot Ion: 99 Resp: 491129

Ion Ratio Lower Upper

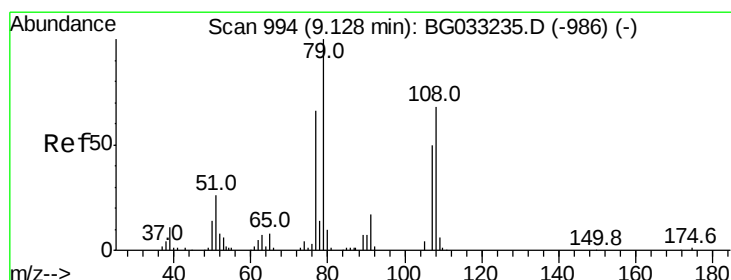
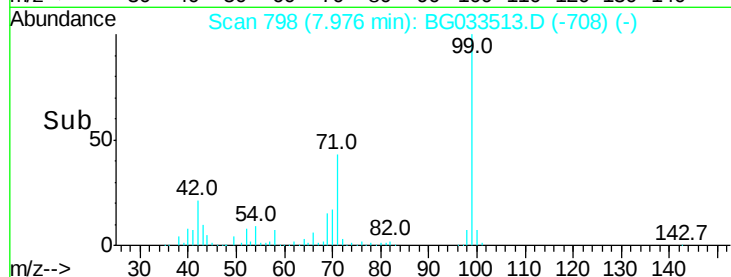
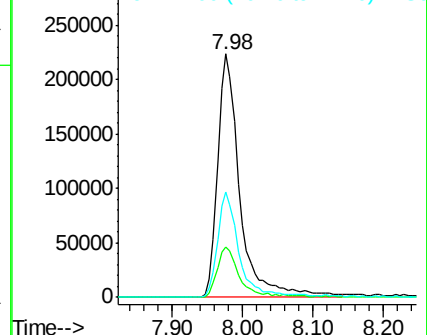
99 100

42 20.9 14.1 21.1

71 43.2 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: 2.254 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033513.D

Acq: 3 Apr 2018 7:16

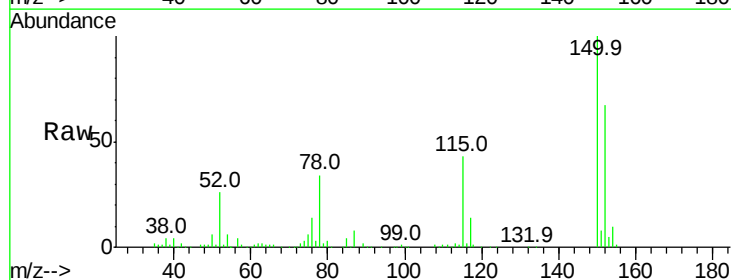
Tgt Ion: 79 Resp: 5729

Ion Ratio Lower Upper

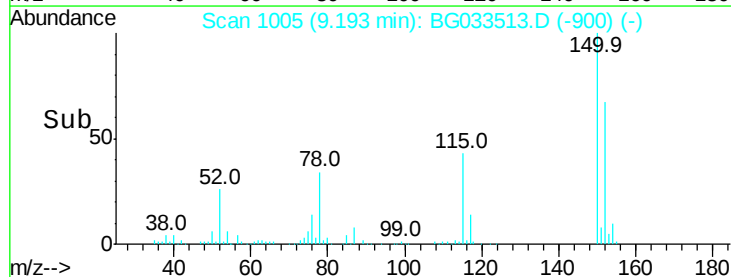
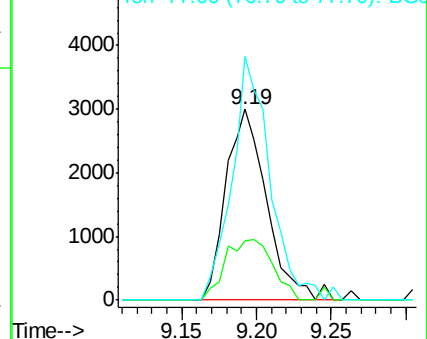
79 100

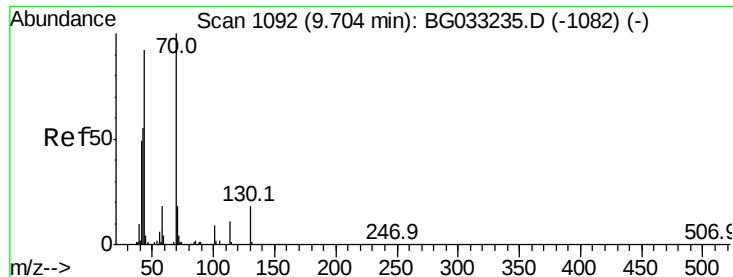
108 31.2 57.2 85.8#

77 127.4 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

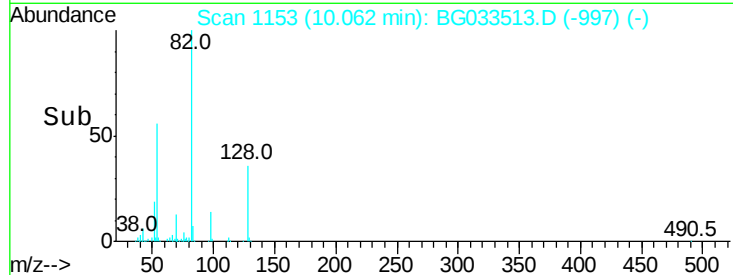
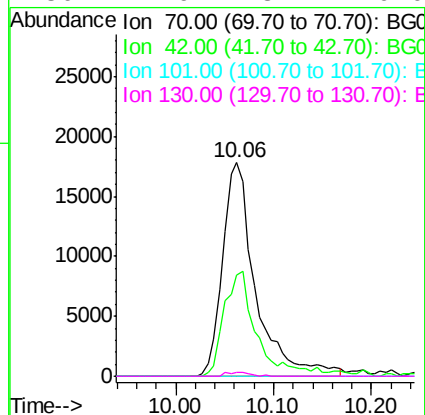
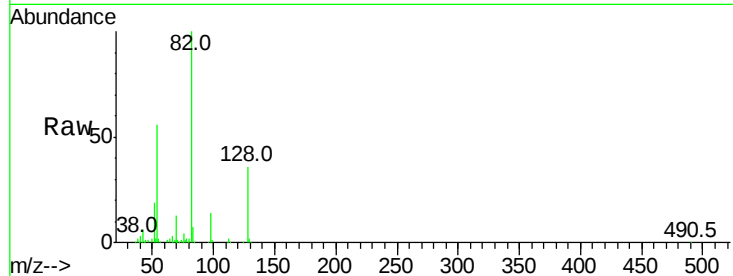




#19
n-Nitroso-di-n-propylamine
Concen: 17.630 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.38 min
Lab File: BG033513.D
Acq: 3 Apr 2018 7:16

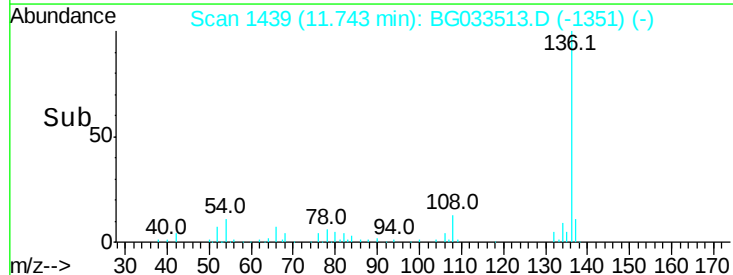
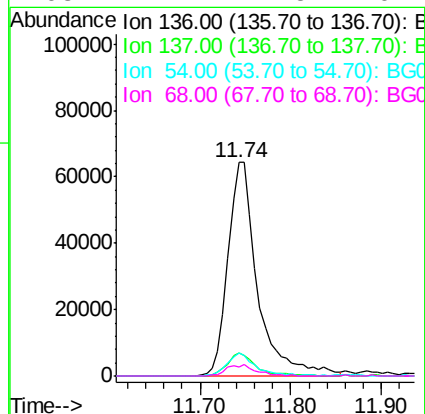
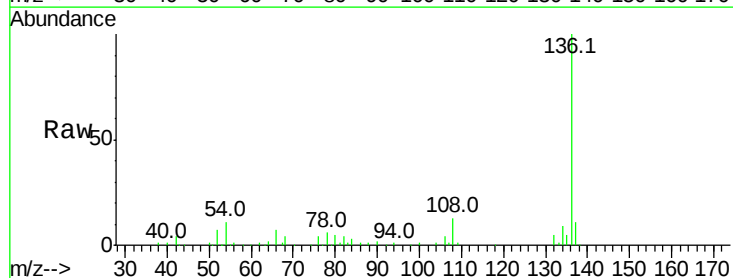
Instrument :
BNA_G
ClientSampleId :

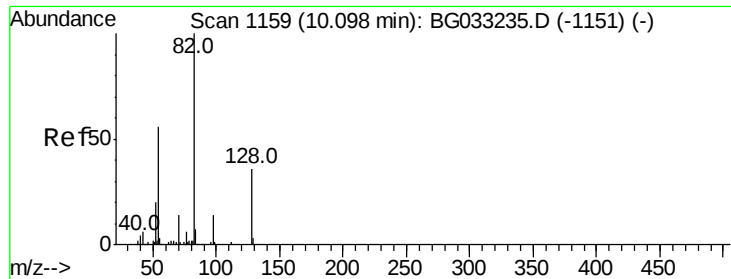
Tot Ion: 70 Resp: 41713
Ion Ratio Lower Upper
70 100
42 47.1 49.1 73.7#
101 0.0 8.5 12.7#
130 1.9 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033513.D
Acq: 3 Apr 2018 7:16

Tgt Ion: 136 Resp: 146413
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 10.9 10.3 15.5
68 4.1 4.5 6.7#

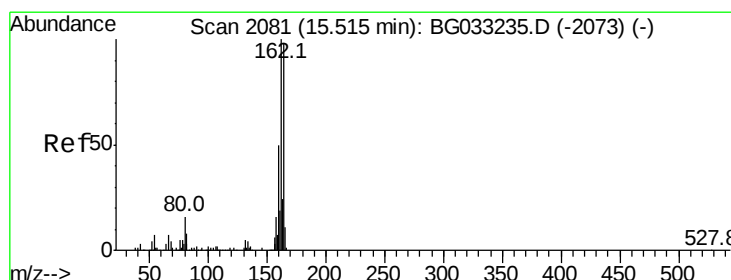
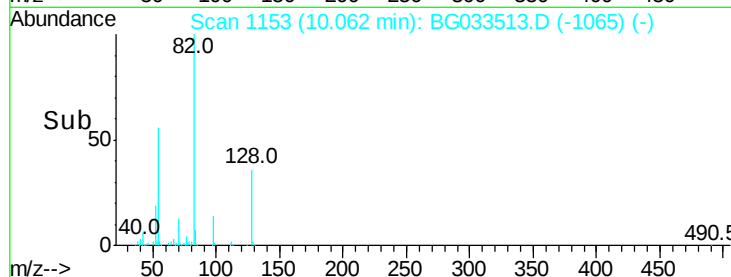
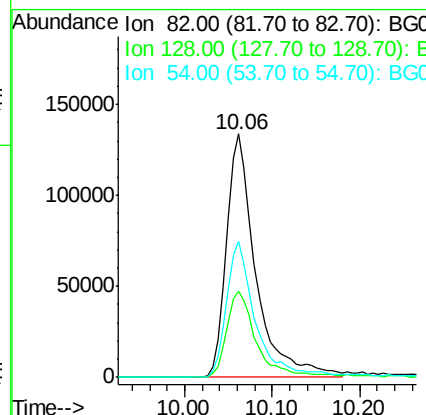
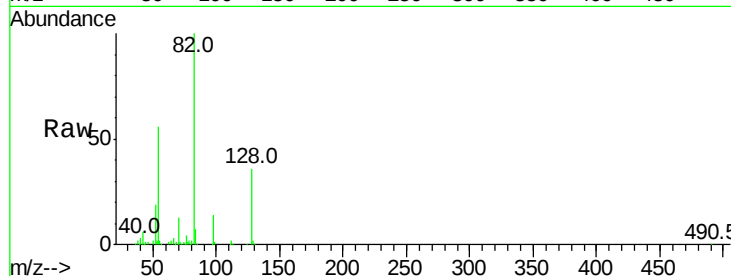




#23
 Nitrobenzene-d5
 Concen: 97.038 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG033513.D
 Acq: 3 Apr 2018 7:16

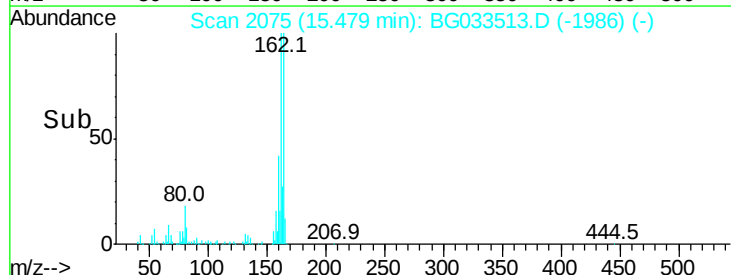
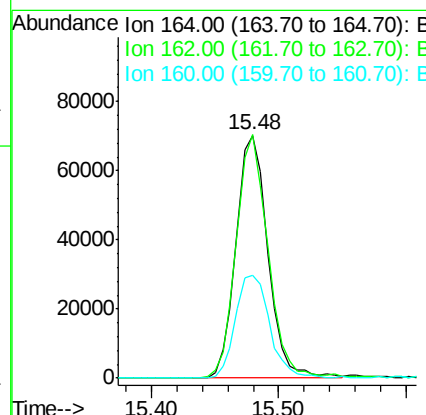
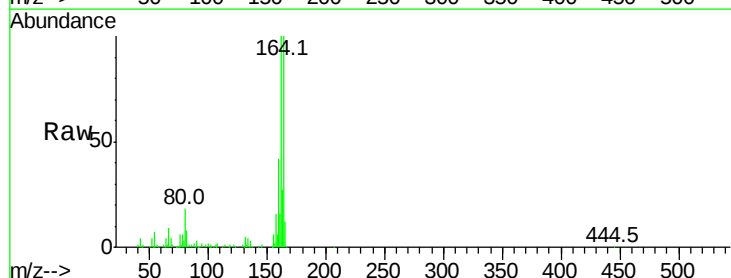
Instrument :
 BNA_G
 ClientSampleId :

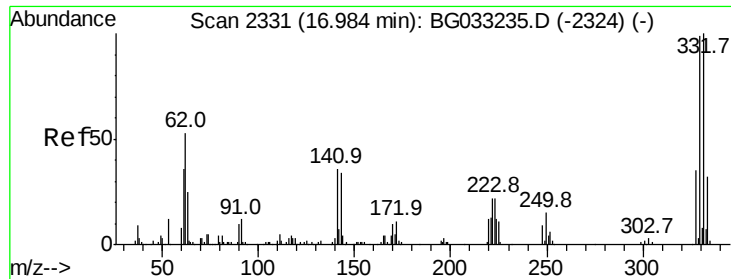
Tot Ion	82	Resp	309238
Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.7	44.5
54	55.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033513.D
 Acq: 3 Apr 2018 7:16

Tgt Ion	164	Resp	121926
Ion	Ratio	Lower	Upper
164	100		
162	100.3	78.8	118.2
160	42.6	35.4	53.0

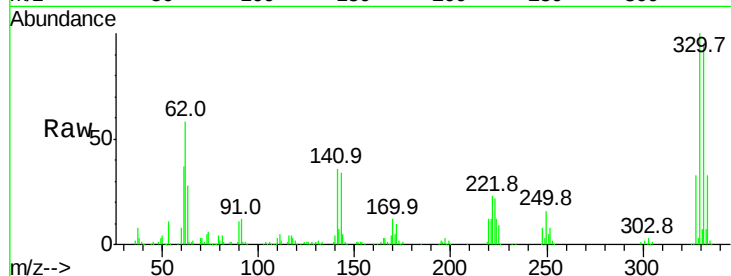




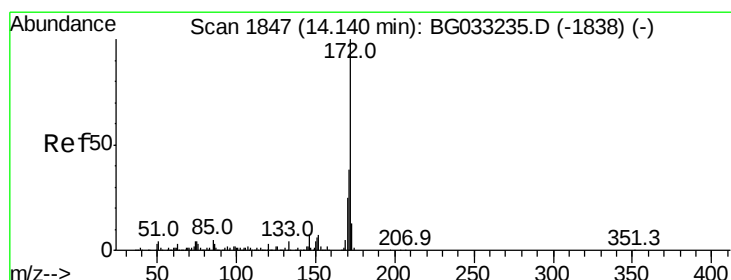
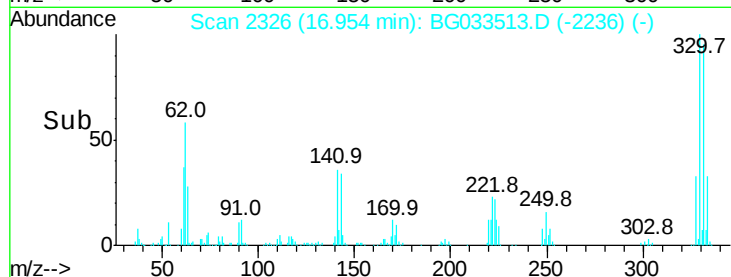
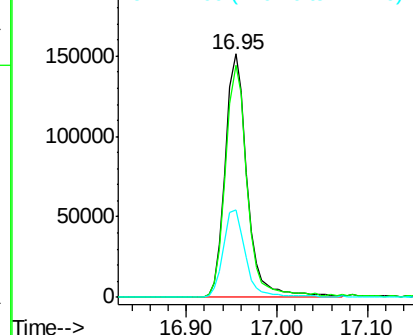
#41
 2,4,6-Tribromophenol
 Concen: 139.476 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033513.D
 Acq: 3 Apr 2018 7:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 254340
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 36.8 25.2 37.8

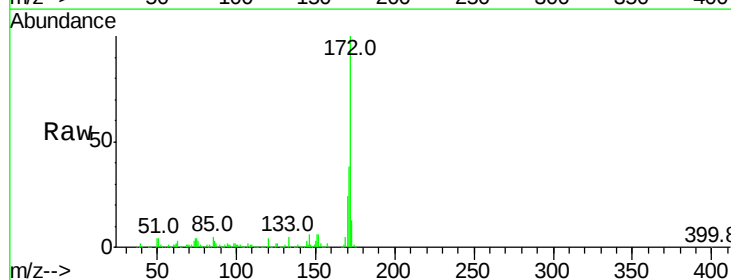


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

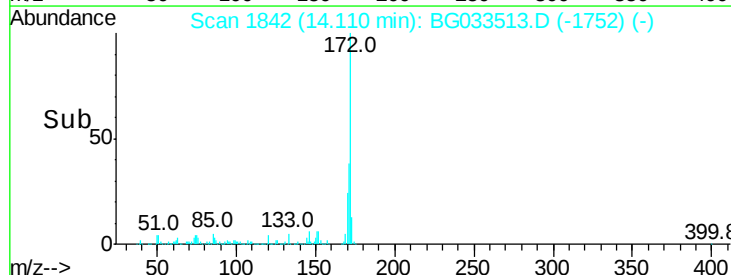
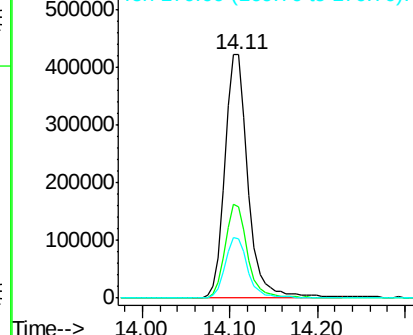


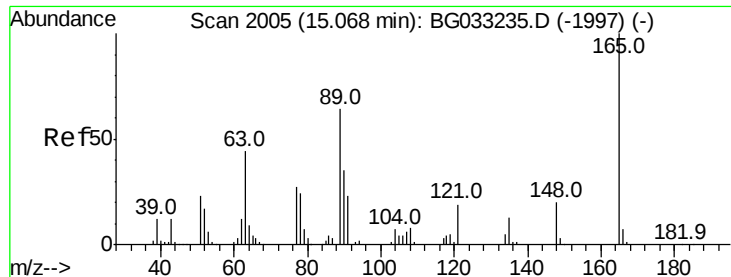
#44
 2-Fluorobiphenyl
 Concen: 92.215 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033513.D
 Acq: 3 Apr 2018 7:16

Tgt Ion:172 Resp: 778826
 Ion Ratio Lower Upper
 172 100
 171 37.6 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

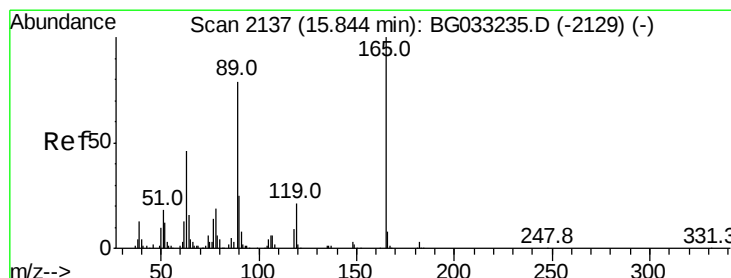
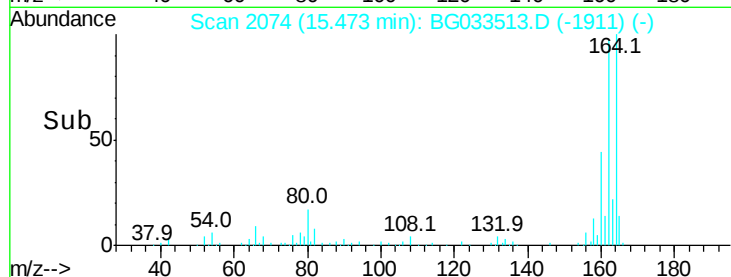
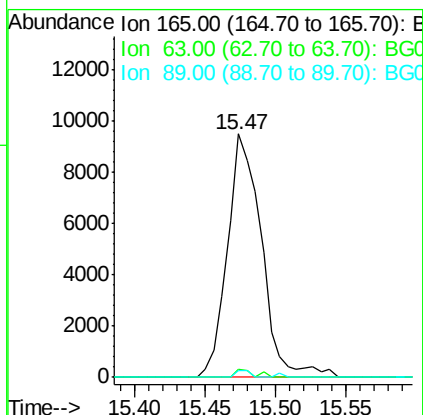
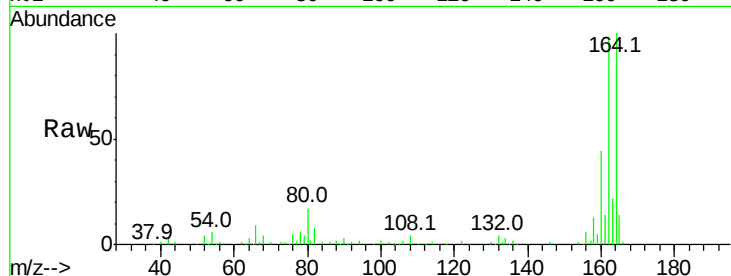




#50
 2,6-Dinitrotoluene
 Concen: 7.358 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.43 min
 Lab File: BG033513.D
 Acq: 3 Apr 2018 7:16

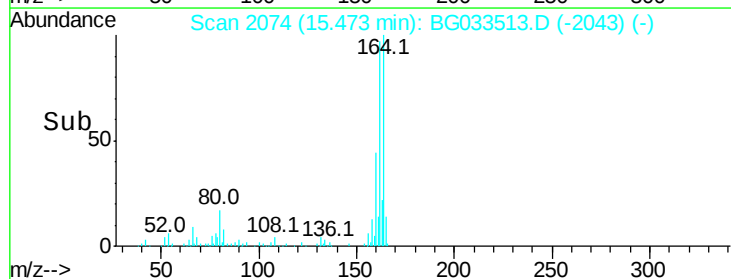
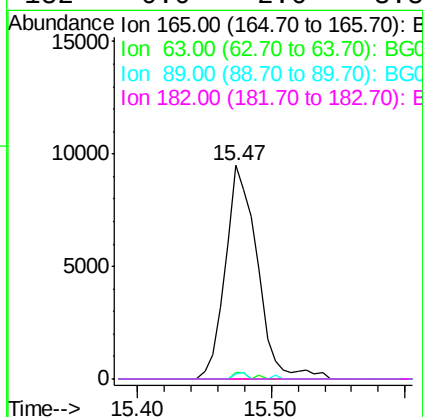
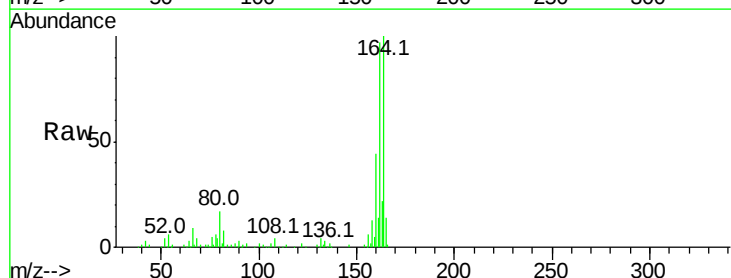
Instrument :
 BNA_G
 ClientSampleId :

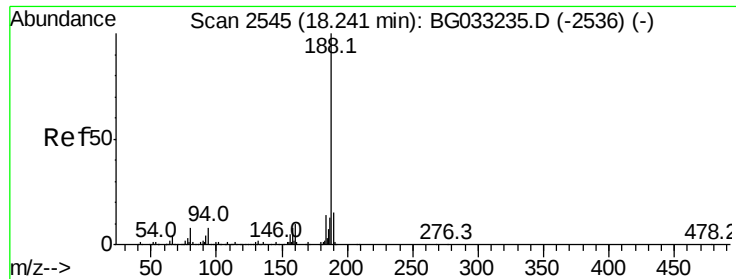
Tot Ion	Ratio	Lower	Upper
165	100		
63	3.2	52.7	79.1#
89	2.5	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.997 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.35 min
 Lab File: BG033513.D
 Acq: 3 Apr 2018 7:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.2	42.0	63.0#
89	2.5	66.9	100.3#
182	0.0	2.6	3.8#

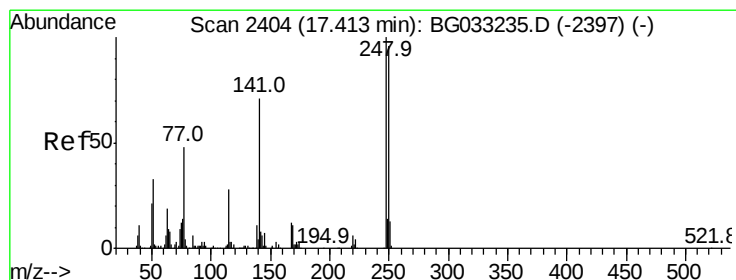
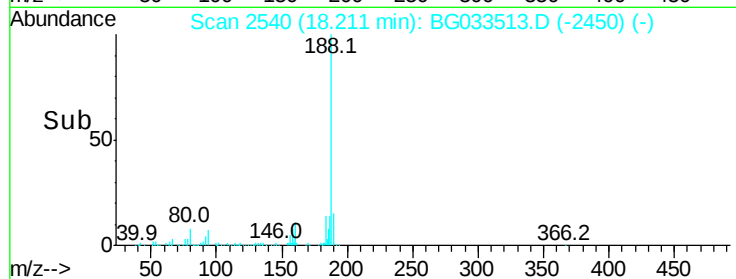
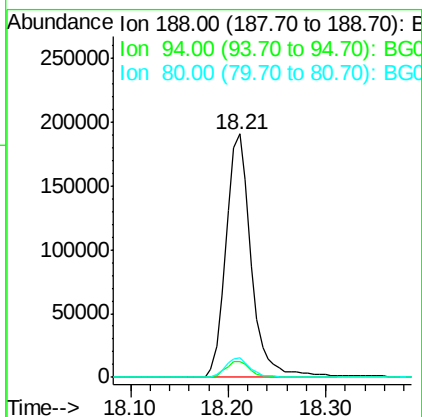
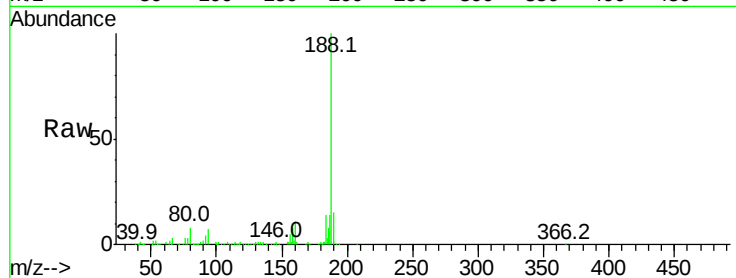




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033513.D
Acq: 3 Apr 2018 7:16

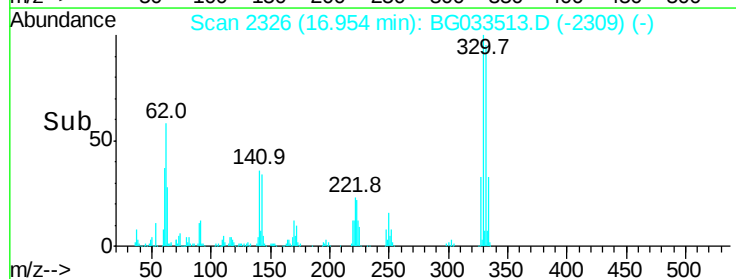
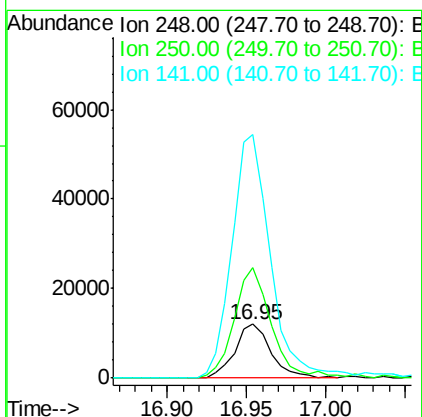
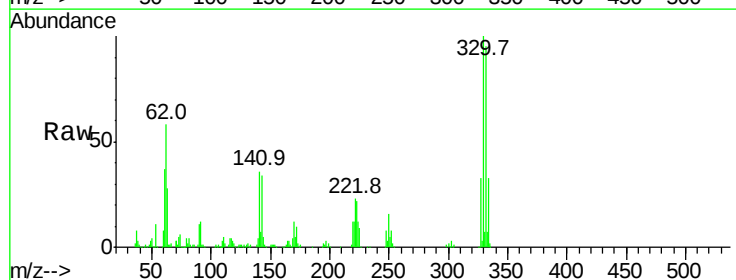
Instrument :
BNA_G
ClientSampleId :

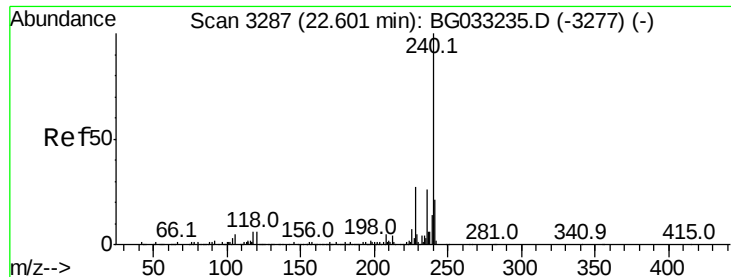
Tot Ion:188 Resp: 341994
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 8.0 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 4.805 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033513.D
Acq: 3 Apr 2018 7:16

Tgt Ion:248 Resp: 19299
Ion Ratio Lower Upper
248 100
250 204.2 77.1 115.7#
141 452.0 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033513.D

Acq: 3 Apr 2018 7:16

Instrument :

BNA_G

ClientSampleId :

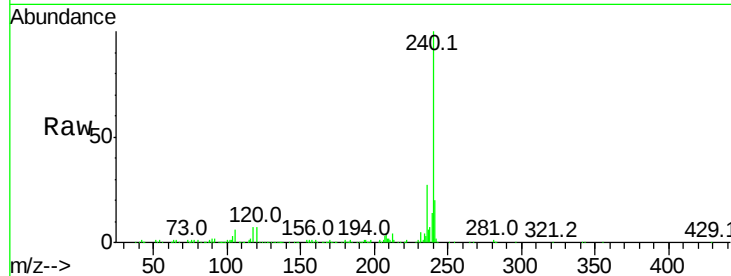
Tot Ion:240 Resp: 359618

Ion Ratio Lower Upper

240 100

120 6.9 6.8 10.2

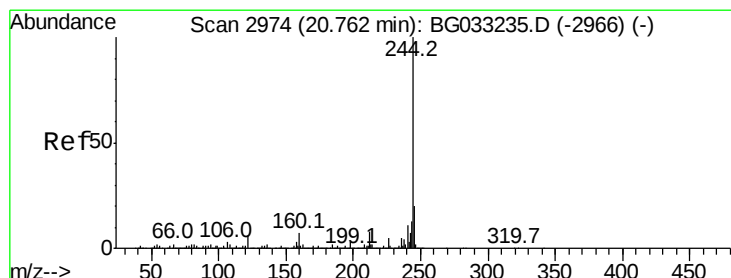
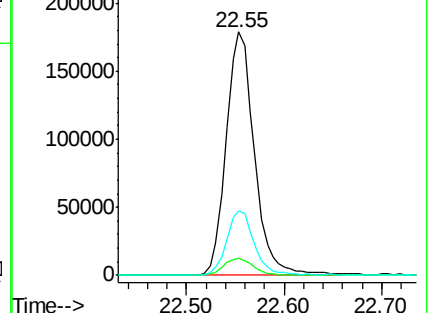
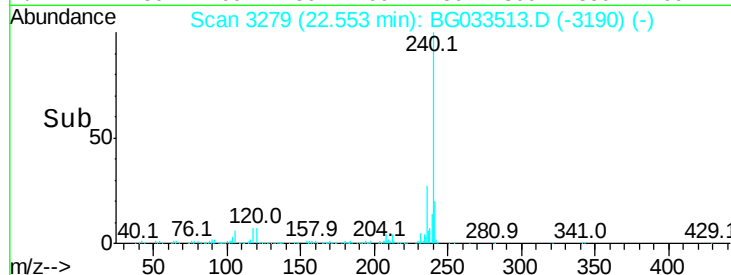
236 26.5 20.9 31.3



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: 93.750 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033513.D

Acq: 3 Apr 2018 7:16

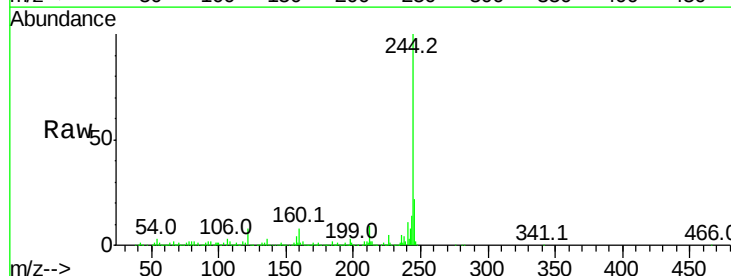
Tgt Ion:244 Resp: 1576453

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

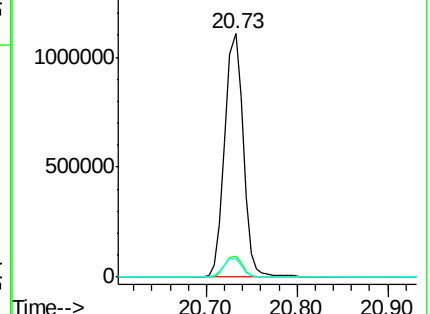
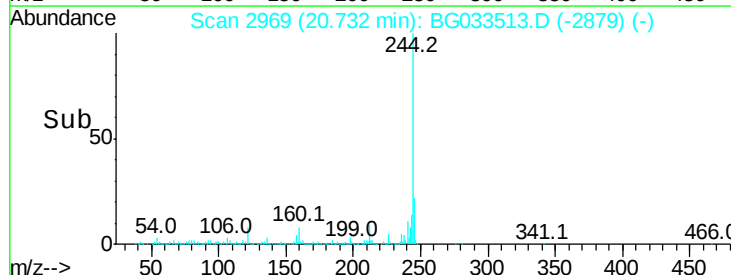
122 7.6 7.0 10.4

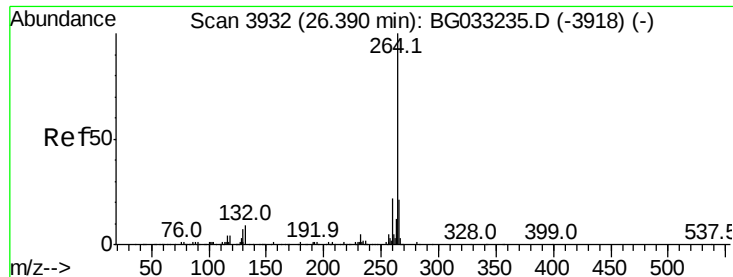


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

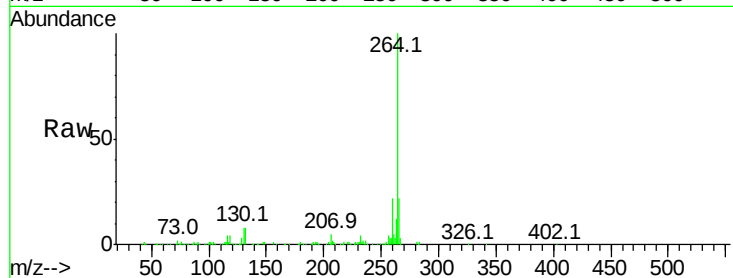




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3921
Delta R.T. -0.01 min
Lab File: BG033513.D
Acq: 3 Apr 2018 7:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.4	26.0
265	22.0	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

