

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033669.D
 Acq On : 7 Apr 2018 18:41
 Operator : SJ/JU
 Sample : PB108036BL
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 09 02:04:11 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

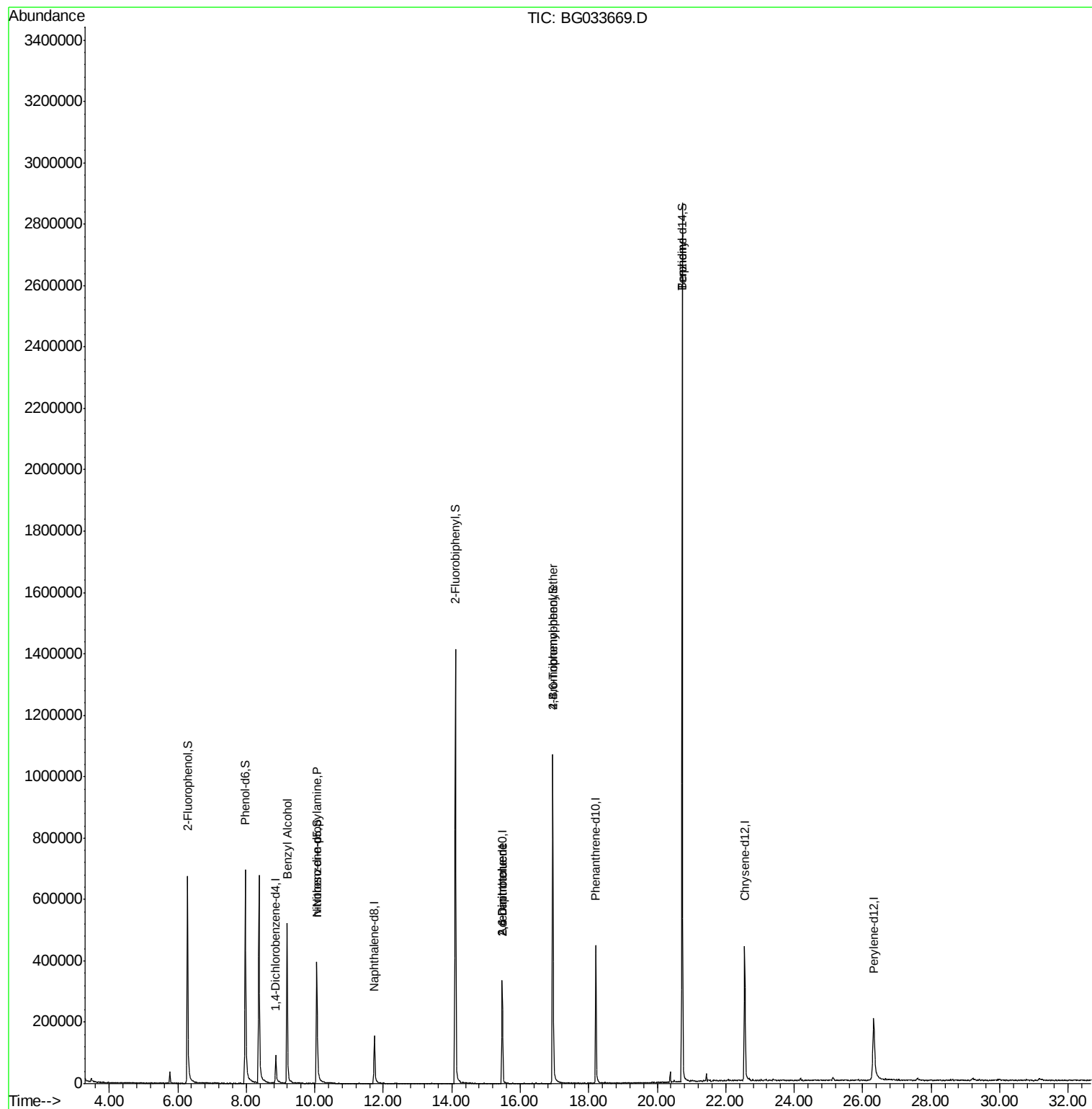
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33828	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	163768	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	127711	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	324035	20.00	ng	0.00
75) Chrysene-d12	22.55	240	329724	20.00	ng	0.00
86) Perylene-d12	26.32	264	324630	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	318946	176.79	ng	0.00
7) Phenol-d6	7.97	99	493133	159.09	ng	0.00
23) Nitrobenzene-d5	10.06	82	321471	90.19	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	217018	113.62	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	800843	90.53	ng	0.00
78) Terphenyl-d14	20.73	244	1415078	91.78	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	5700	2.336	ng	# 58
19) n-Nitroso-di-n-propylamine	10.06	70	43245	19.039	ng	# 82
50) 2,6-Dinitrotoluene	15.47	165	16713	7.354	ng	# 18
56) 2,4-Dinitrotoluene	15.47	165	16713	4.995	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	16584	4.358	ng	# 1
76) Benzidine	20.73	184	24992	2.795	ng	# 91

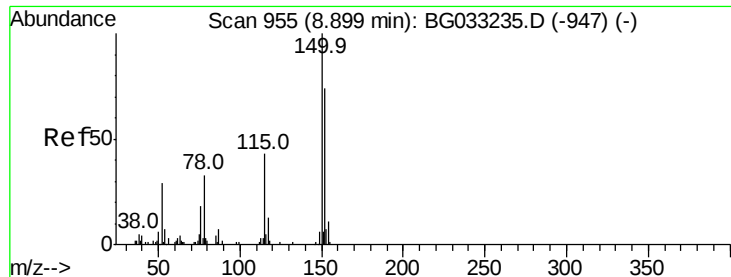
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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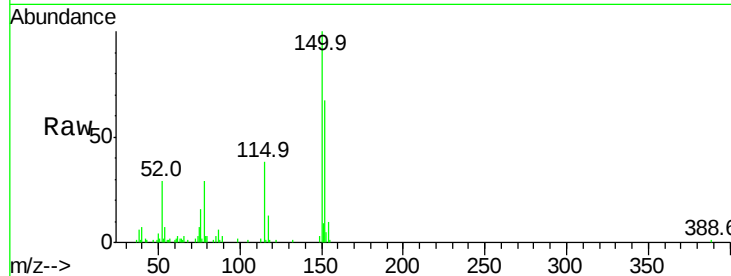


#1

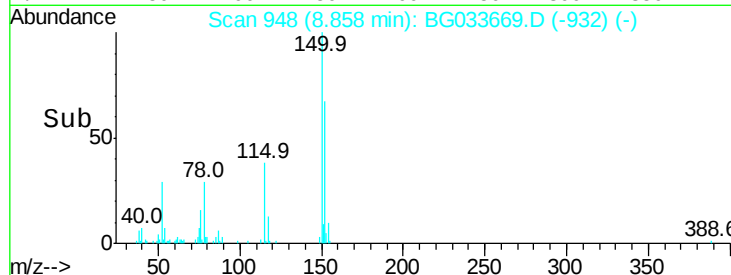
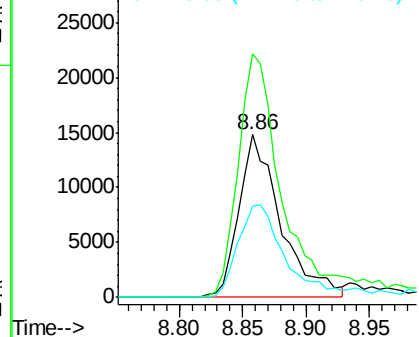
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033669.D
Acq: 7 Apr 2018 18:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 33828
Ion Ratio Lower Upper
152 100
150 149.9 126.6 189.8
115 56.4 53.0 79.4



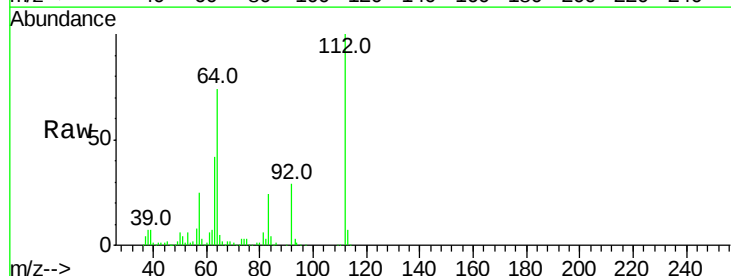
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



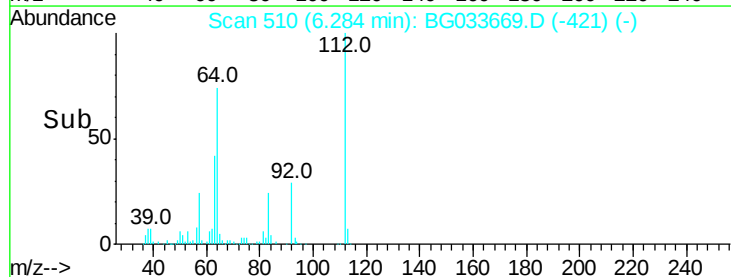
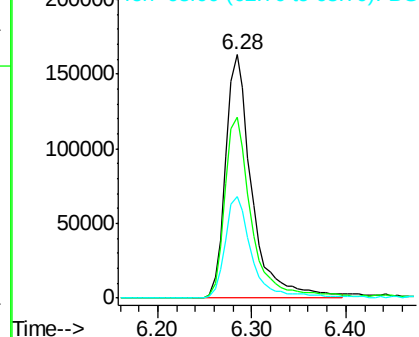
#5

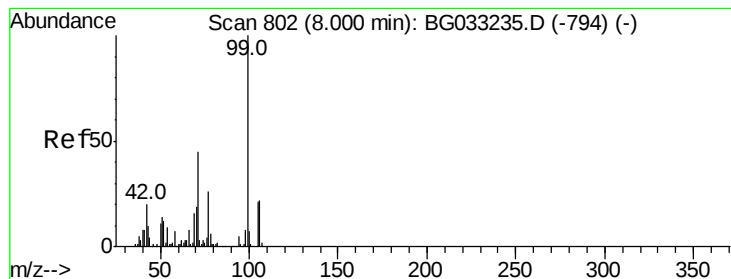
2-Fluorophenol
Concen: 176.795 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033669.D
Acq: 7 Apr 2018 18:41

Tgt Ion:112 Resp: 318946
Ion Ratio Lower Upper
112 100
64 74.4 56.3 84.5
63 41.9 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: 159.090 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033669.D

Acq: 7 Apr 2018 18:41

Instrument :

BNA_G

ClientSampleId :

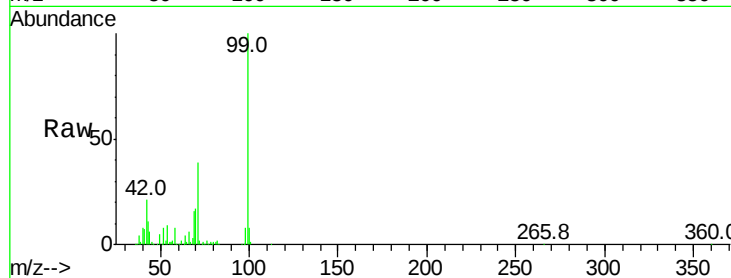
Tot Ion: 99 Resp: 493133

Ion Ratio Lower Upper

99 100

42 21.2 14.1 21.1#

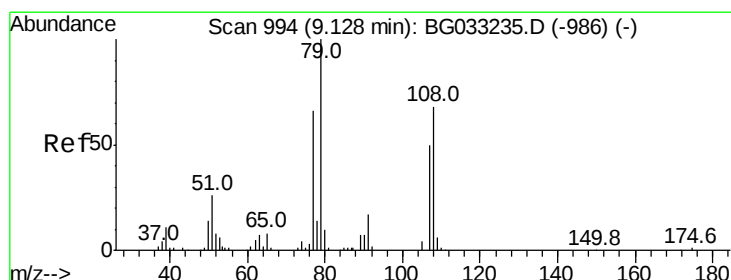
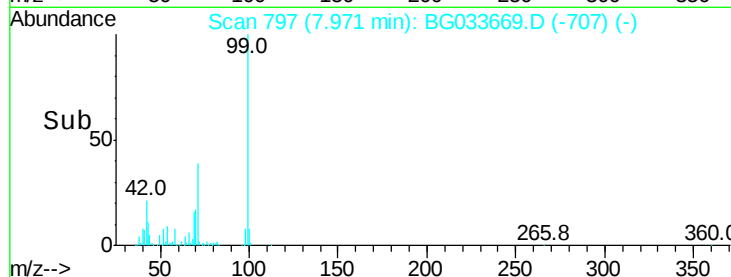
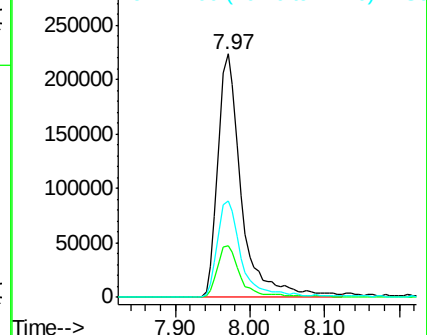
71 39.5 26.1 39.1#



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: 2.336 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.09 min

Lab File: BG033669.D

Acq: 7 Apr 2018 18:41

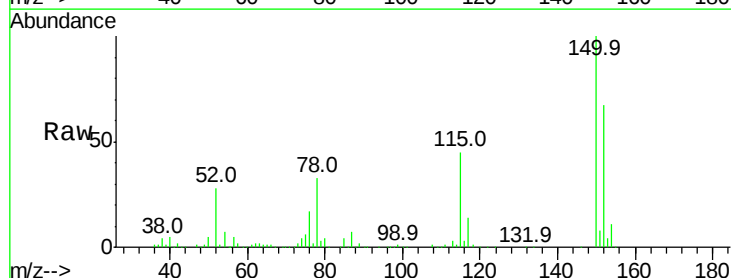
Tgt Ion: 79 Resp: 5700

Ion Ratio Lower Upper

79 100

108 28.4 57.2 85.8#

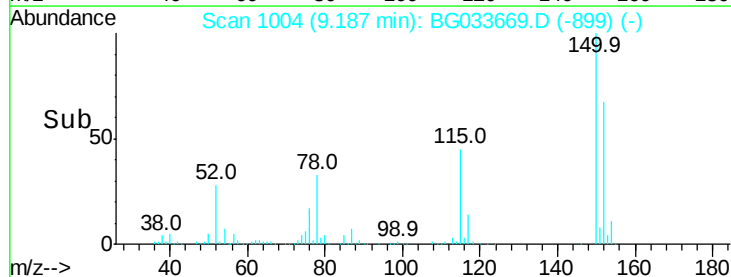
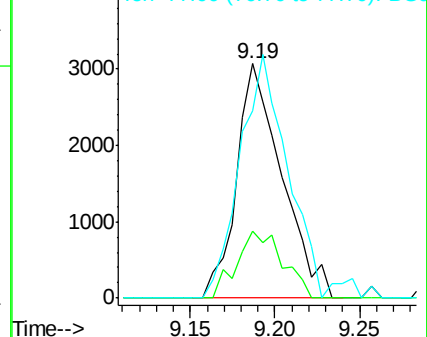
77 80.0 46.1 69.1#

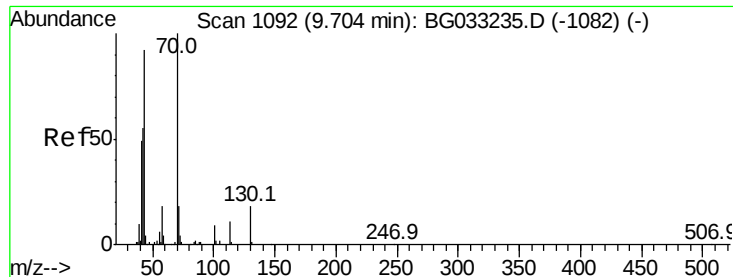


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

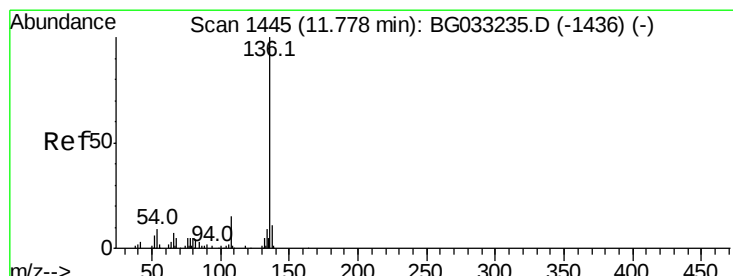
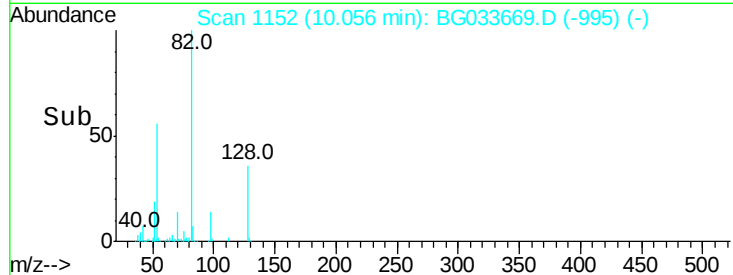
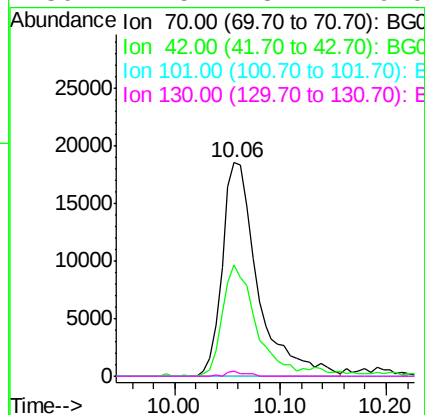
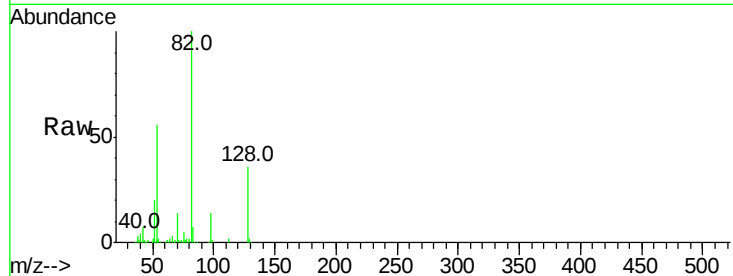




#19
 n-Nitroso-di-n-propylamine
 Concen: 19.039 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.39 min
 Lab File: BG033669.D
 Acq: 7 Apr 2018 18:41

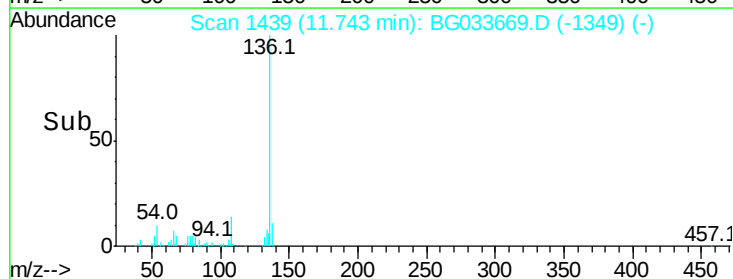
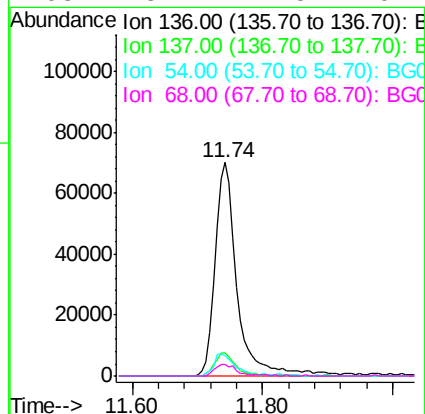
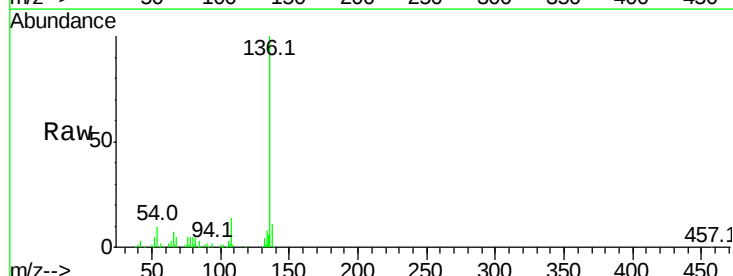
Instrument :
 BNA_G
 ClientSampled :

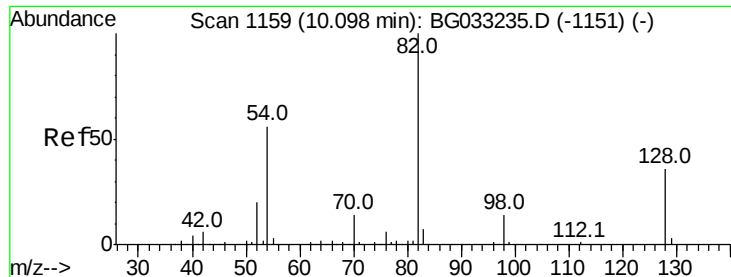
Tot Ion:	70	Resp:	43245
Ion	Ratio	Lower	Upper
70	100		
42	52.1	49.1	73.7
101	0.0	8.5	12.7#
130	2.5	13.4	20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.74 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BG033669.D
 Acq: 7 Apr 2018 18:41

Tgt Ion:	136	Resp:	163768
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	9.8	10.3	15.5#
68	5.4	4.5	6.7





#23

Nitrobenzene-d5

Concen: 90.187 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG033669.D

Acq: 7 Apr 2018 18:41

Instrument :

BNA_G

ClientSampleId :

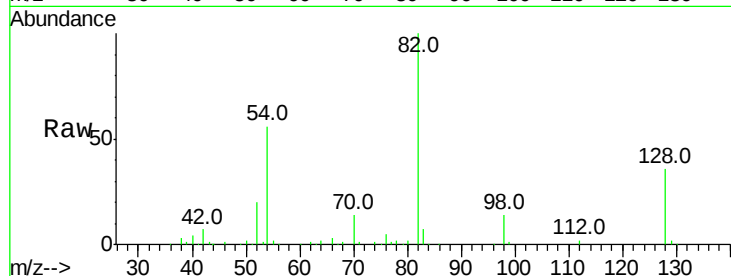
Tot Ion: 82 Resp: 321471

Ion Ratio Lower Upper

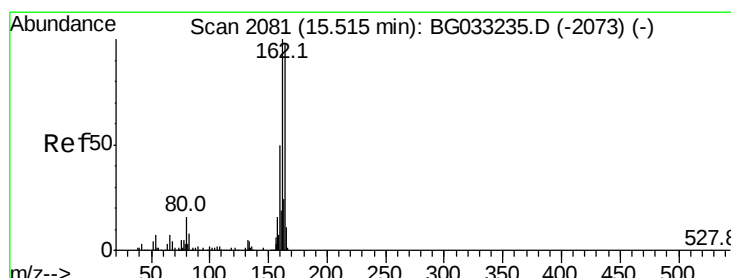
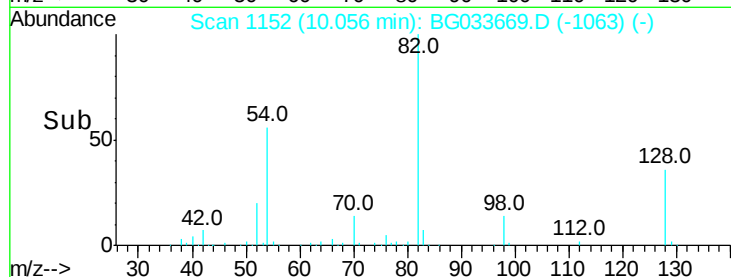
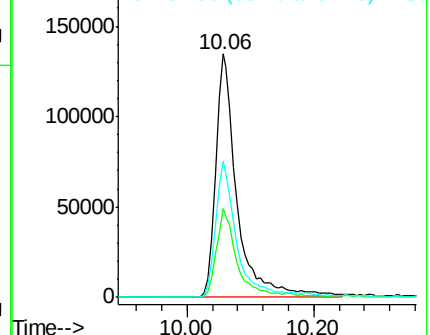
82 100

128 36.3 29.7 44.5

54 55.9 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BG033669.D

Acq: 7 Apr 2018 18:41

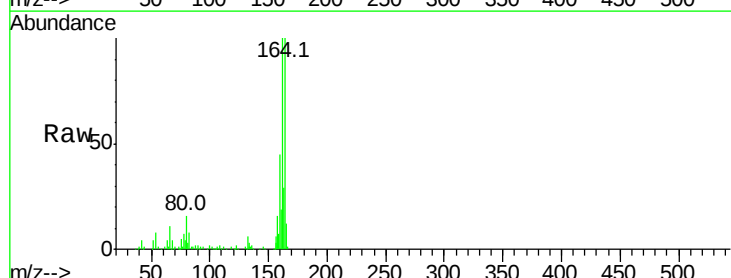
Tgt Ion: 164 Resp: 127711

Ion Ratio Lower Upper

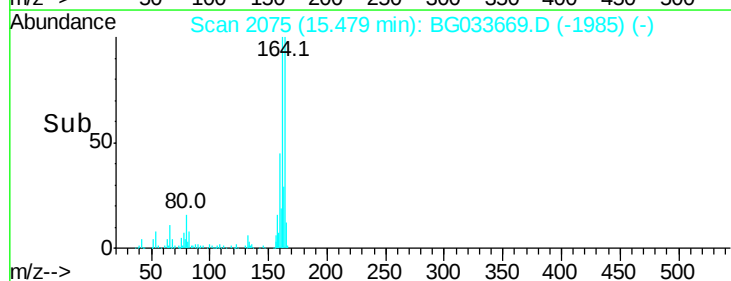
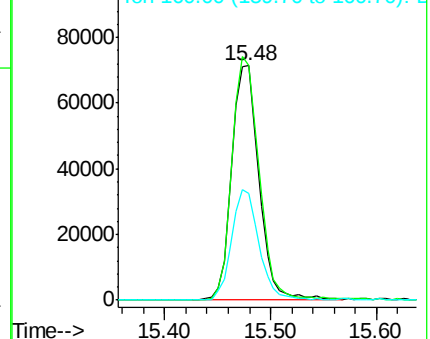
164 100

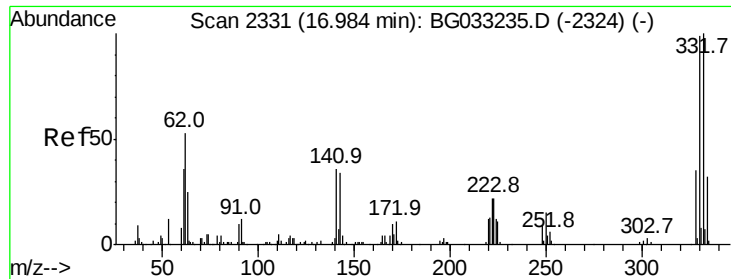
162 100.2 78.8 118.2

160 45.4 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

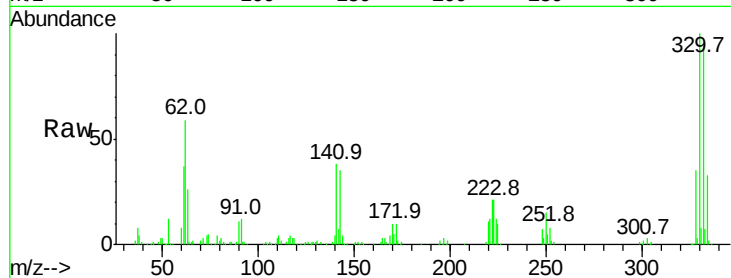




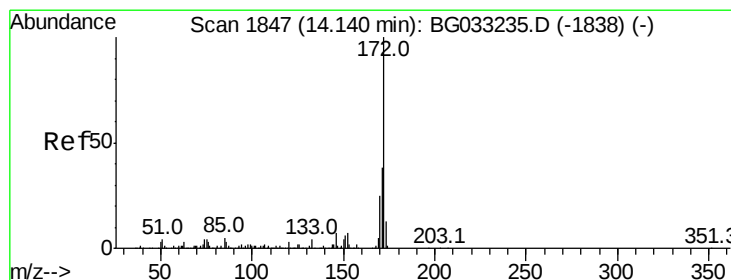
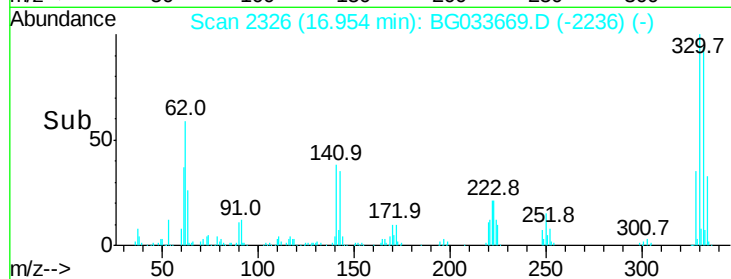
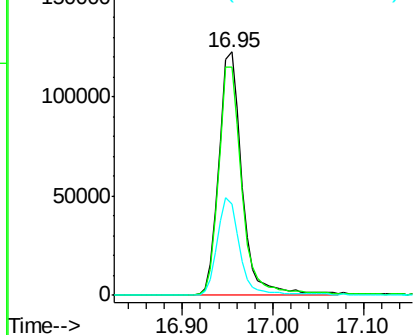
#41
 2,4,6-Tribromophenol
 Concen: 113.618 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033669.D
 Acq: 7 Apr 2018 18:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 217018
 Ion Ratio Lower Upper
 330 100
 332 93.1 77.0 115.6
 141 38.9 25.2 37.8#

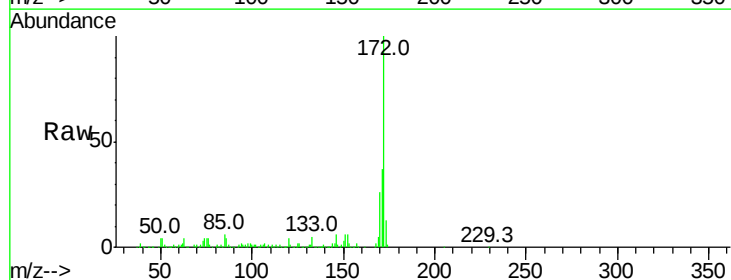


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

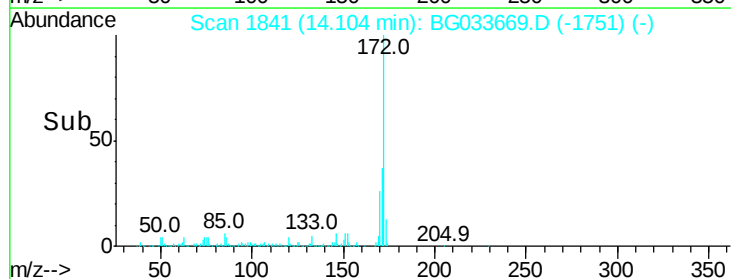
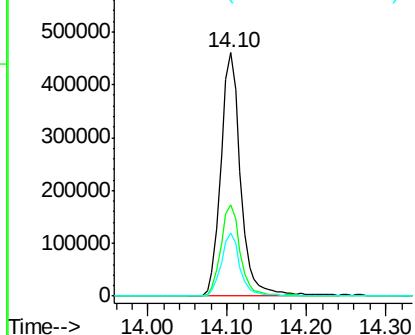


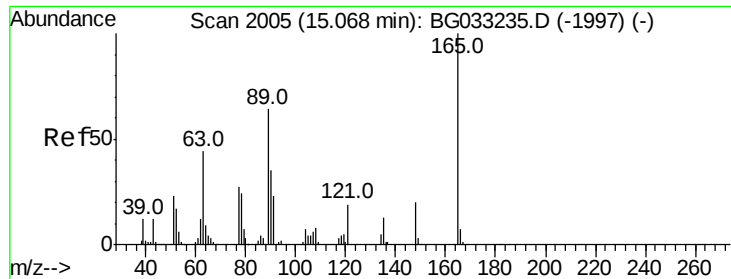
#44
 2-Fluorobiphenyl
 Concen: 90.527 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033669.D
 Acq: 7 Apr 2018 18:41

Tgt Ion:172 Resp: 800843
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 26.0 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

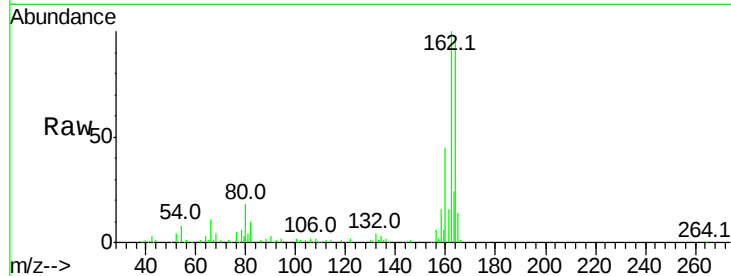




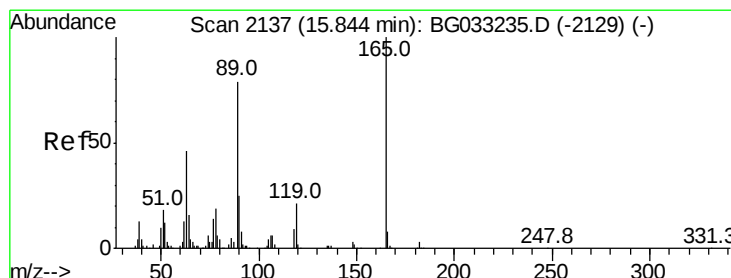
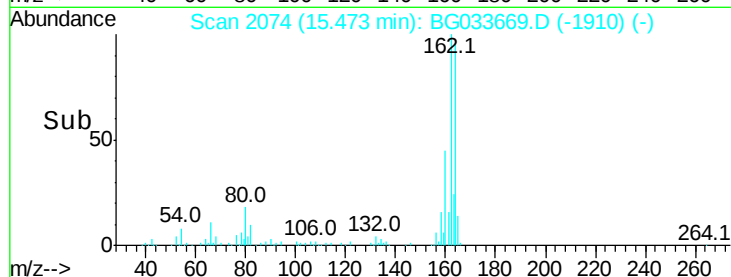
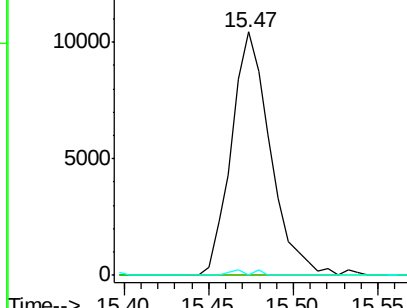
#50
 2,6-Dinitrotoluene
 Concen: 7.354 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.43 min
 Lab File: BG033669.D
 Acq: 7 Apr 2018 18:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 16713
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

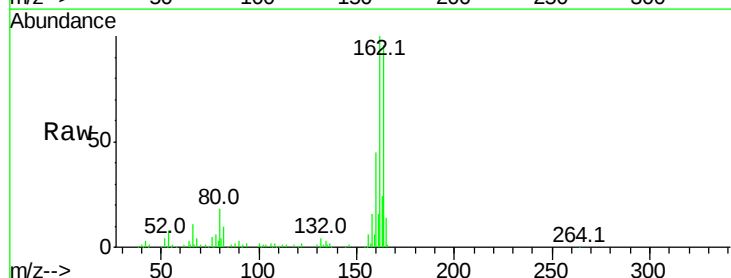


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

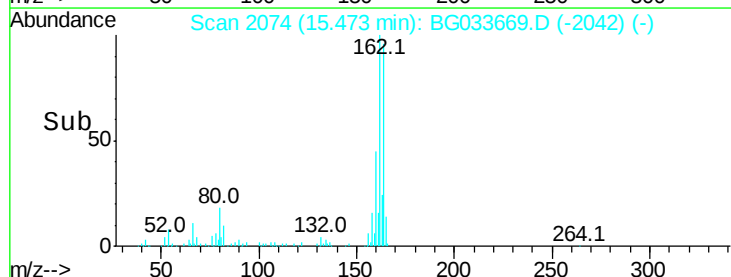
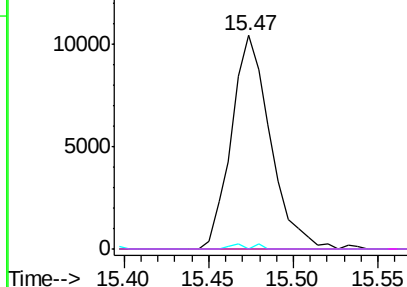


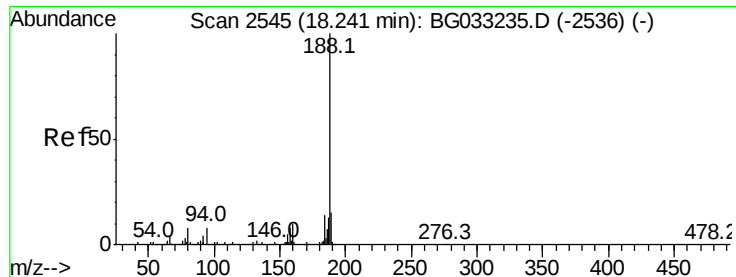
#56
 2,4-Dinitrotoluene
 Concen: 4.995 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033669.D
 Acq: 7 Apr 2018 18:41

Tgt Ion:165 Resp: 16713
 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#



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

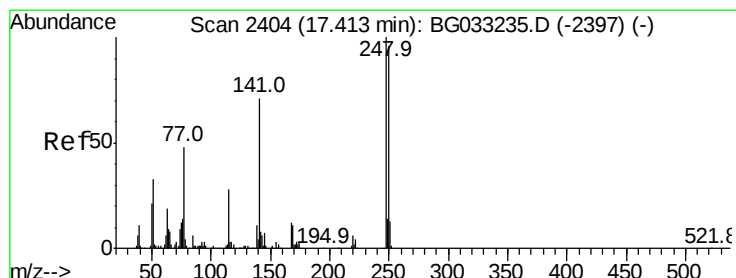
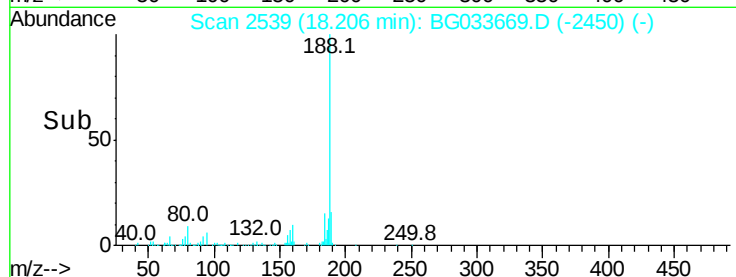
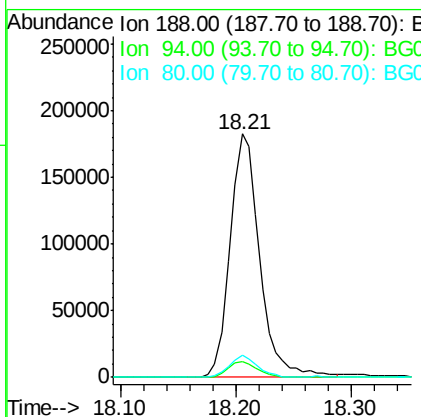
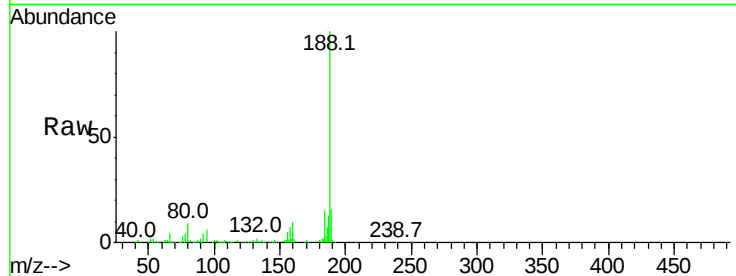




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033669.D
Acq: 7 Apr 2018 18:41

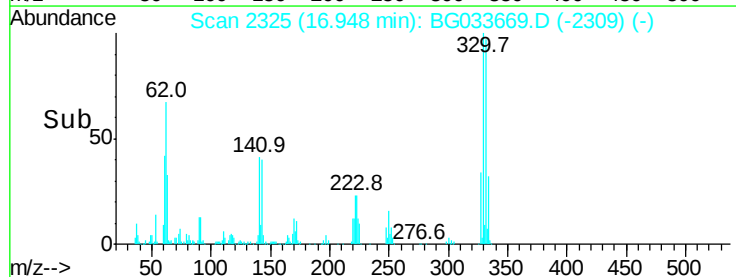
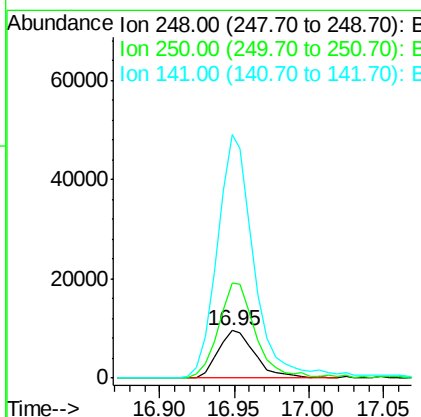
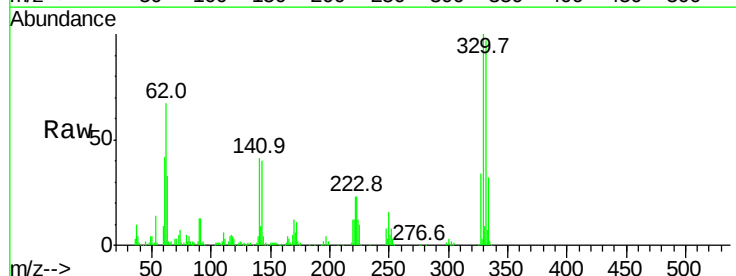
Instrument :
BNA_G
ClientSampled :

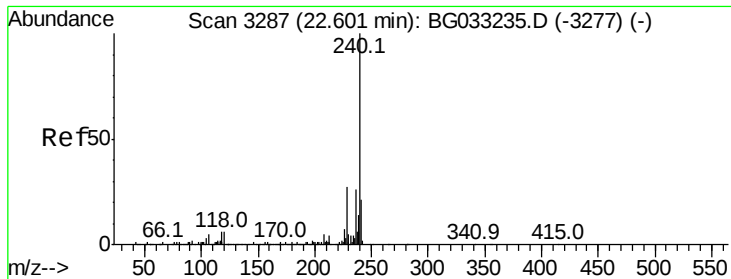
Tot Ion:188 Resp: 324035
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 9.4 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 4.358 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033669.D
Acq: 7 Apr 2018 18:41

Tgt Ion:248 Resp: 16584
Ion Ratio Lower Upper
248 100
250 200.2 77.1 115.7#
141 510.6 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: BG033669.D

Acq: 7 Apr 2018 18:41

Instrument :

BNA_G

ClientSampleId :

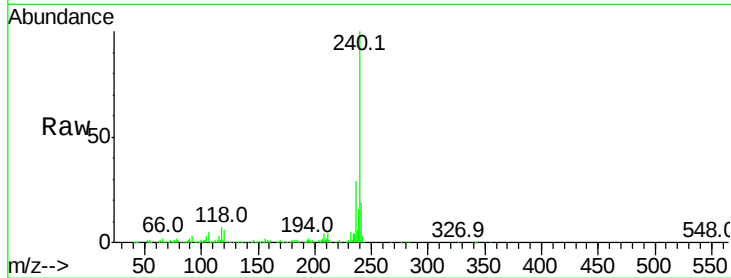
Tot Ion:240 Resp: 329724

Ion Ratio Lower Upper

240 100

120 6.5 6.8 10.2#

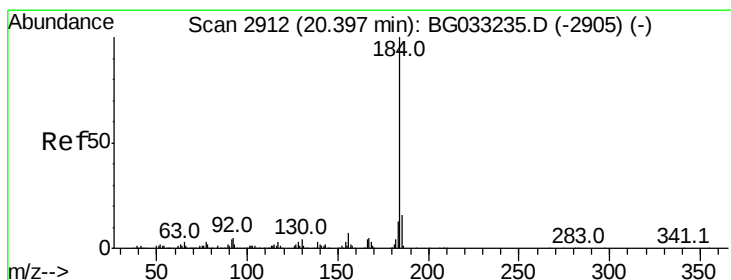
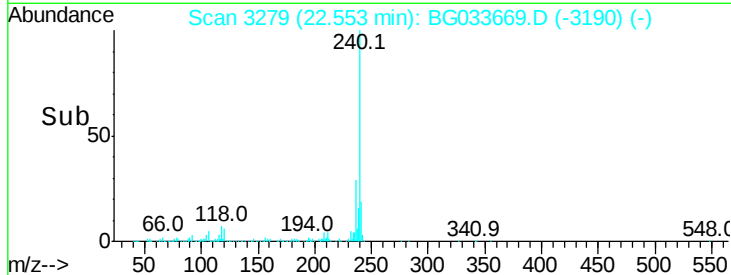
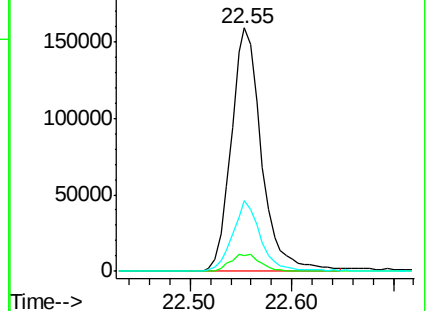
236 29.3 20.9 31.3



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: 2.795 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033669.D

Acq: 7 Apr 2018 18:41

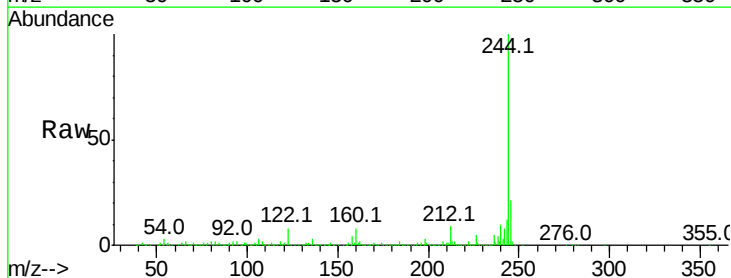
Tgt Ion:184 Resp: 24992

Ion Ratio Lower Upper

184 100

185 14.7 11.1 16.7

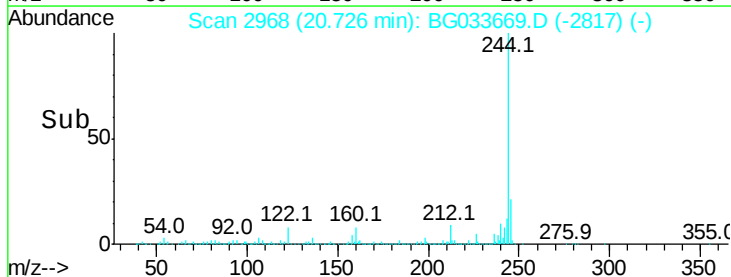
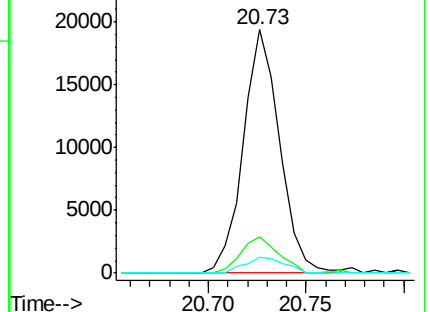
183 6.7 10.6 16.0#

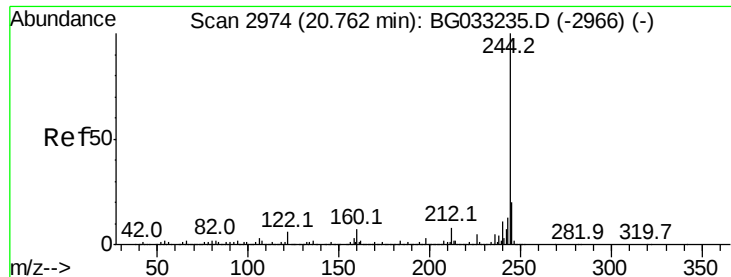


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



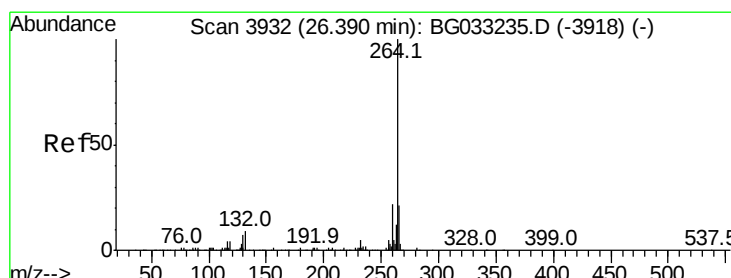
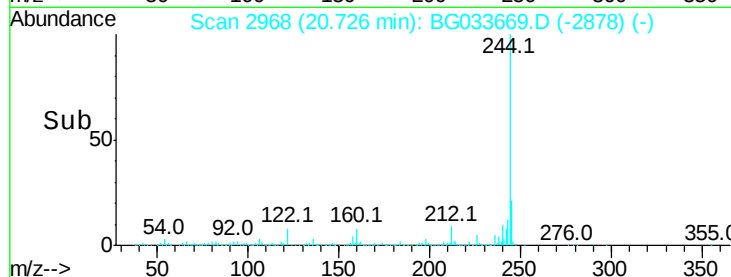
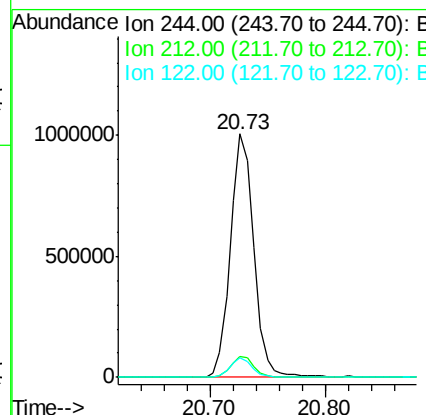
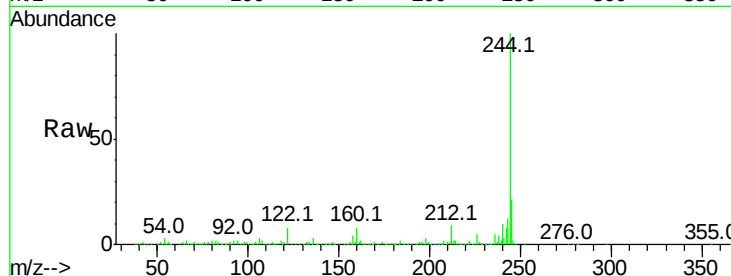


#78
 Terphenyl-d14
 Concen: 91.783 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.00 min
 Lab File: BG033669.D
 Acq: 7 Apr 2018 18:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1415078

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	7.9	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: BG033669.D
 Acq: 7 Apr 2018 18:41

Tgt Ion:264 Resp: 324630

Ion	Ratio	Lower	Upper
264	100		
260	25.4	17.4	26.0
265	22.4	17.7	26.5

