

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033550.D
 Acq On : 4 Apr 2018 8:14
 Operator : SJ/JU
 Sample : J2177-07
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 08:54:31 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

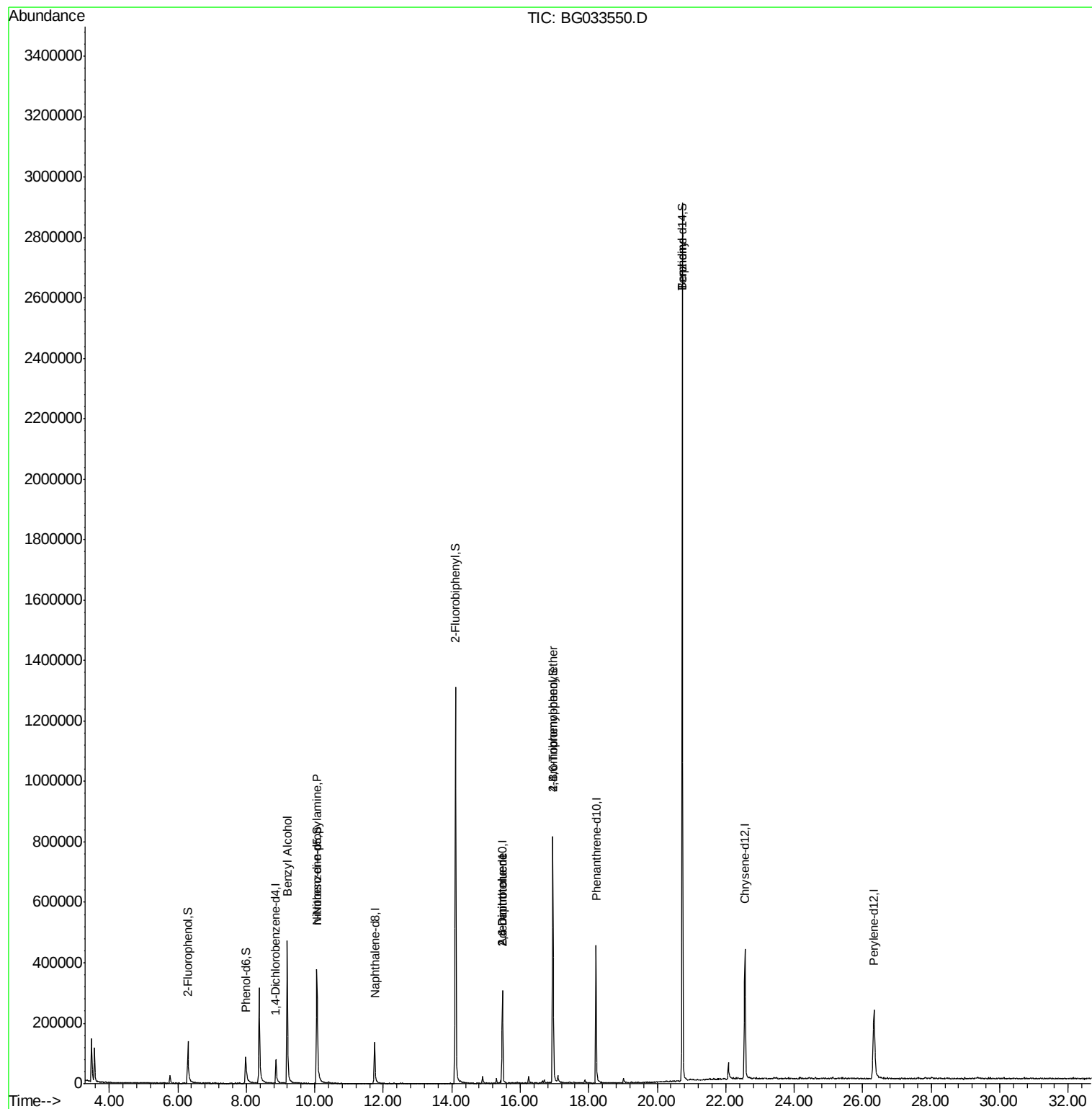
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	28776	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	143061	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	120797	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	325902	20.00	ng	0.00
75) Chrysene-d12	22.56	240	332117	20.00	ng	0.00
86) Perylene-d12	26.33	264	338740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	79271	51.66	ng	0.00
7) Phenol-d6	7.98	99	86253	32.71	ng	0.00
23) Nitrobenzene-d5	10.06	82	309929	99.53	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	167681	92.81	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	784587	93.77	ng	0.00
78) Terphenyl-d14	20.73	244	1409091	90.74	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	5435	2.618	ng	# 46
19) n-Nitroso-di-n-propylamine	10.06	70	40570	20.997	ng	# 82
50) 2,6-Dinitrotoluene	15.47	165	14827	6.898	ng	# 18
56) 2,4-Dinitrotoluene	15.47	165	14827	4.685	ng	# 16
66) 4-Bromophenyl-phenylether	16.96	248	13352	3.489	ng	# 1
76) Benzidine	20.73	184	24211	2.688	ng	# 91

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

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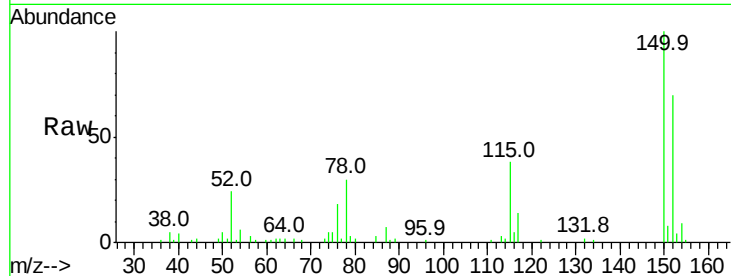


#1

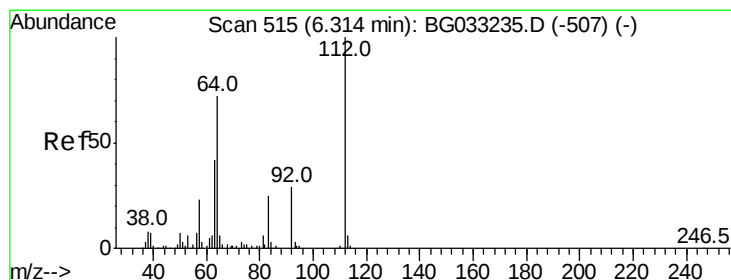
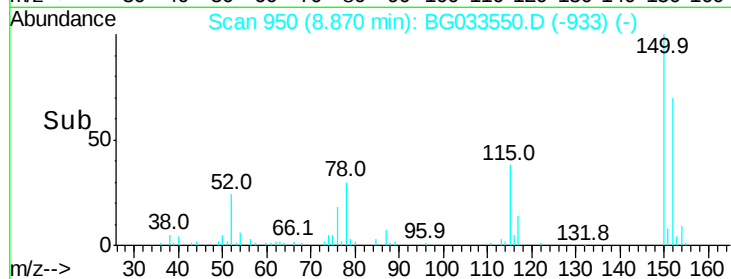
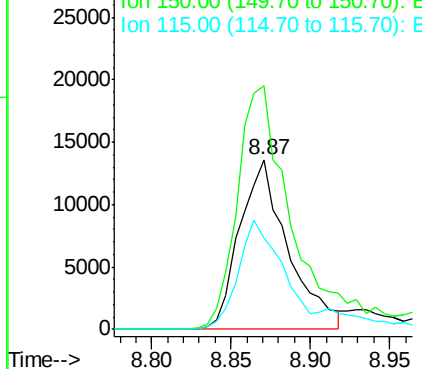
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG033550.D
Acq: 4 Apr 2018 8:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 28776
Ion Ratio Lower Upper
152 100
150 143.6 126.6 189.8
115 53.9 53.0 79.4



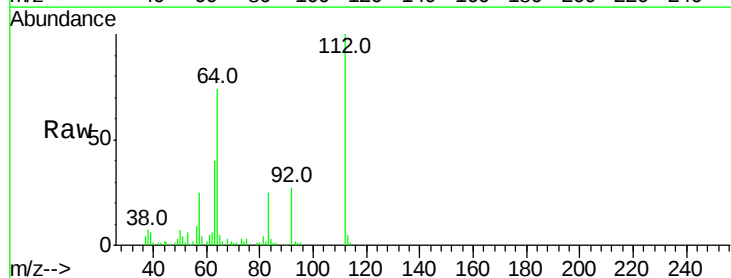
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



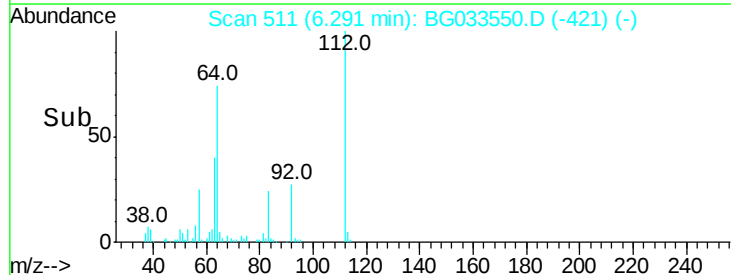
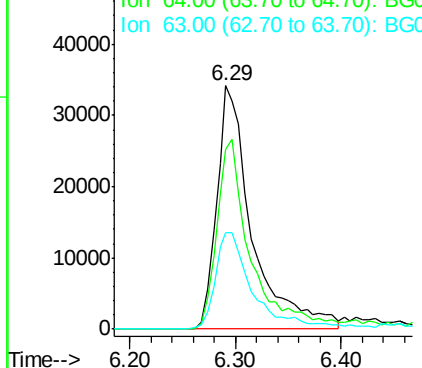
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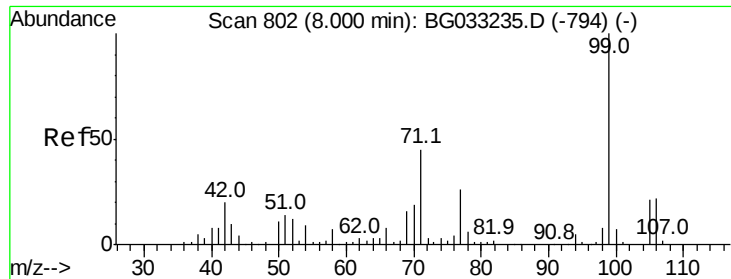
2-Fluorophenol
Concen: 51.655 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.00 min
Lab File: BG033550.D
Acq: 4 Apr 2018 8:14

Tgt Ion:112 Resp: 79271
Ion Ratio Lower Upper
112 100
64 73.8 56.3 84.5
63 39.8 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: 32.711 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033550.D

Acq: 4 Apr 2018 8:14

Instrument :

BNA_G

ClientSampleId :

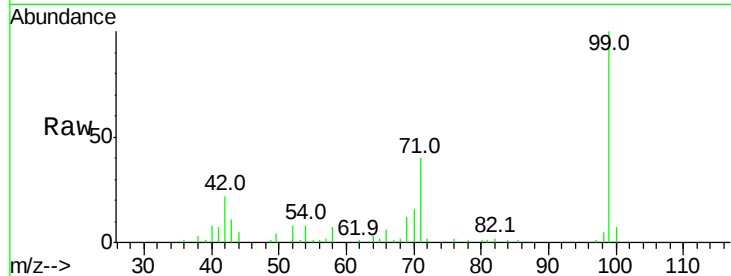
Tot Ion: 99 Resp: 86253

Ion Ratio Lower Upper

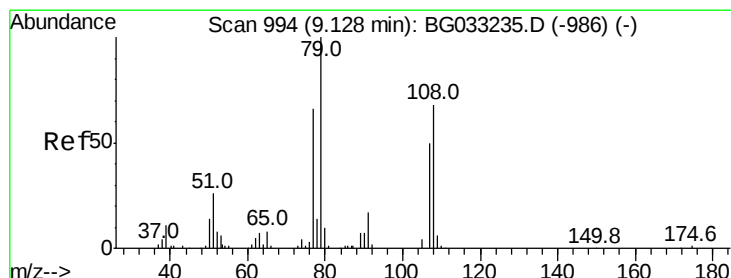
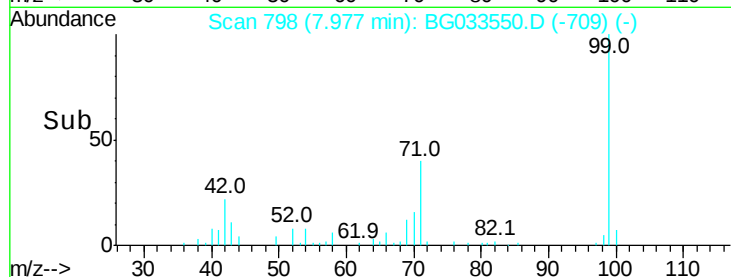
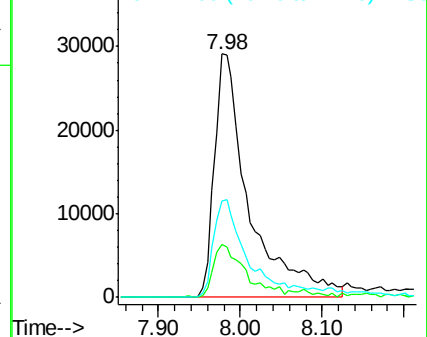
99 100

42 21.9 14.1 21.1#

71 39.6 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: 2.618 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.10 min

Lab File: BG033550.D

Acq: 4 Apr 2018 8:14

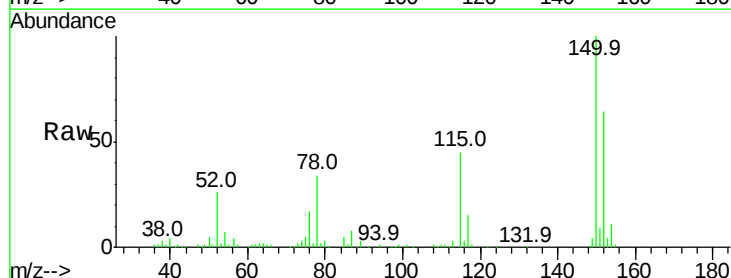
Tgt Ion: 79 Resp: 5435

Ion Ratio Lower Upper

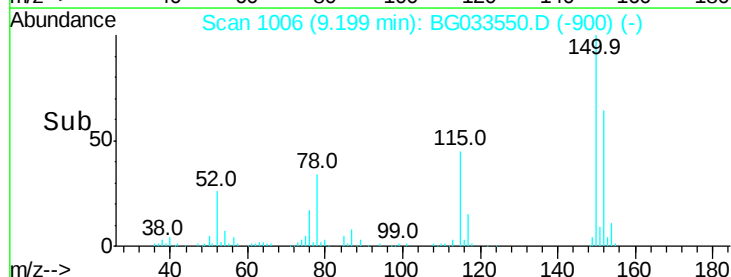
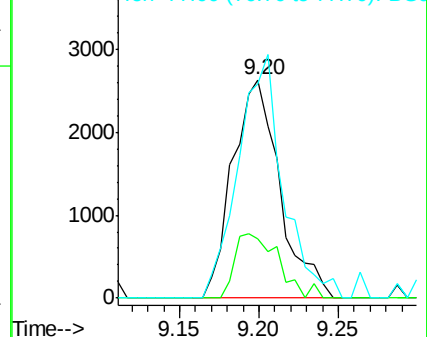
79 100

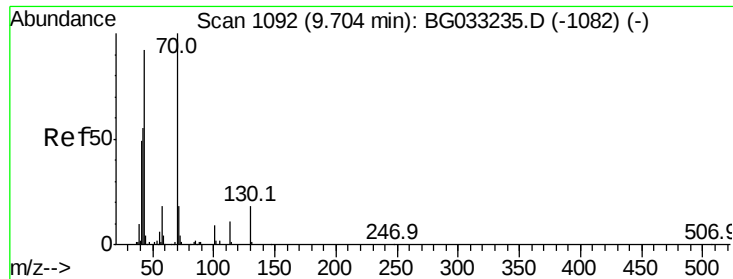
108 27.0 57.2 85.8#

77 97.8 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

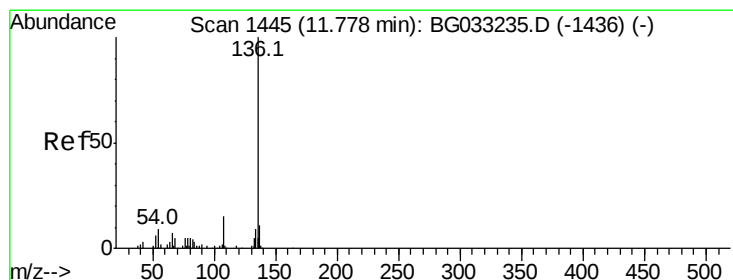
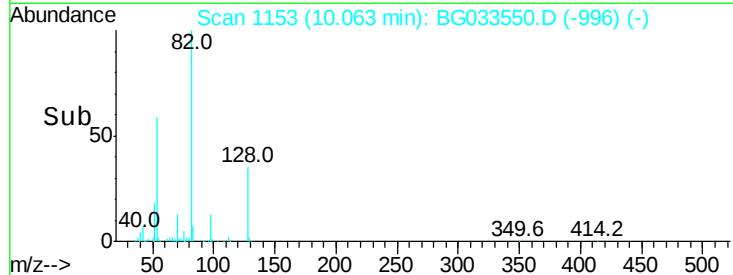
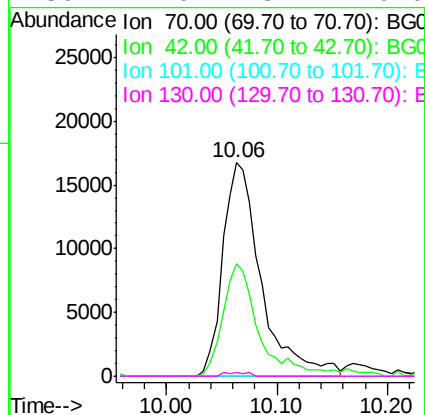
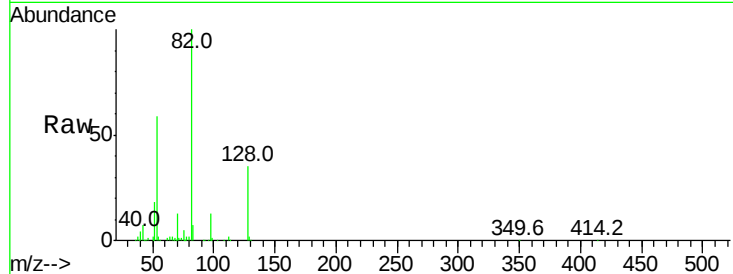




#19
n-Nitroso-di-n-propylamine
Concen: 20.997 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033550.D
Acq: 4 Apr 2018 8:14

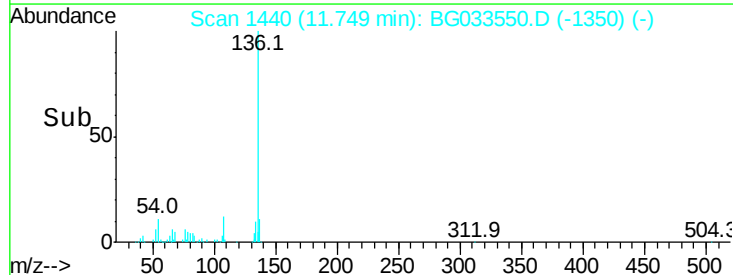
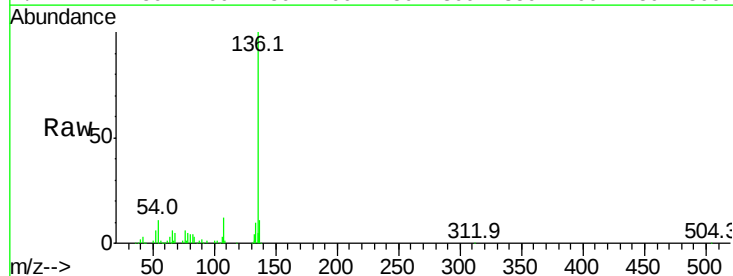
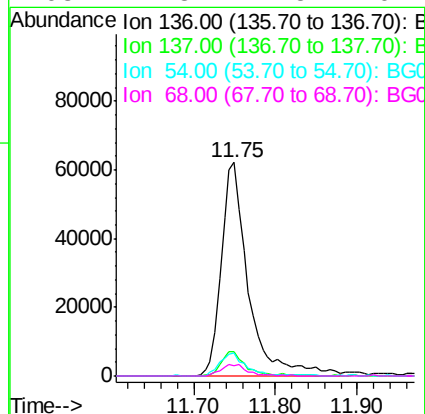
Instrument :
BNA_G
ClientSampled :

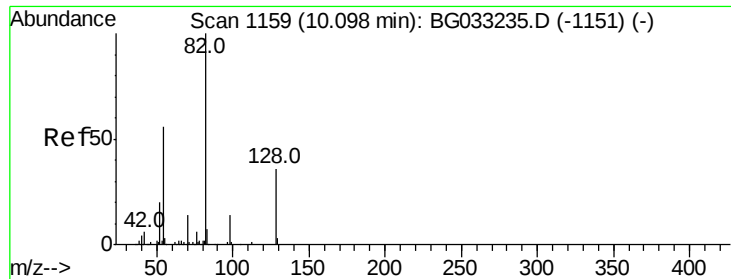
Tot Ion: 70 Resp: 40570
Ion Ratio Lower Upper
70 100
42 52.6 49.1 73.7
101 0.0 8.5 12.7#
130 1.9 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BG033550.D
Acq: 4 Apr 2018 8:14

Tgt Ion: 136 Resp: 143061
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 10.9 10.3 15.5
68 4.8 4.5 6.7

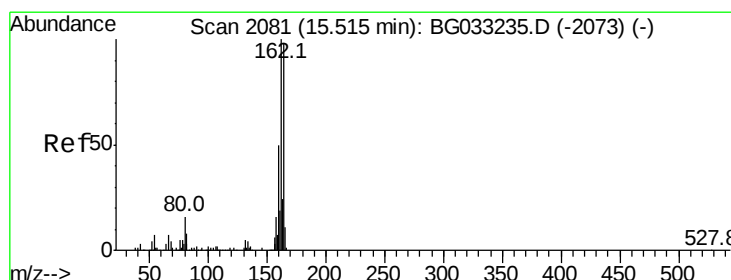
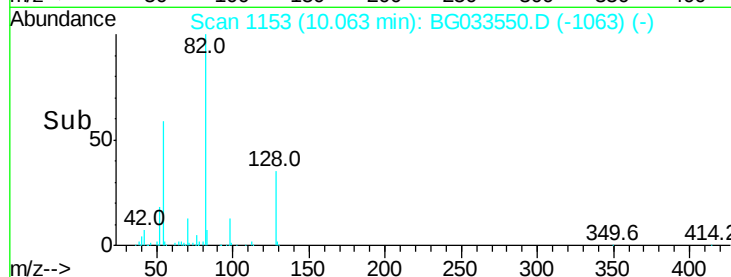
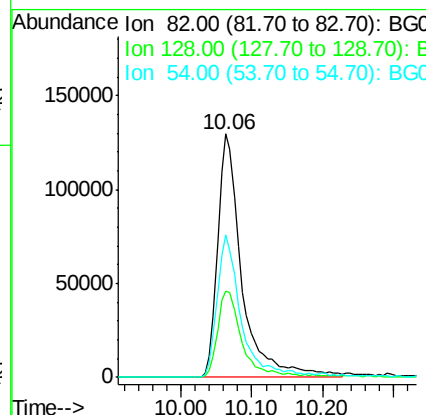
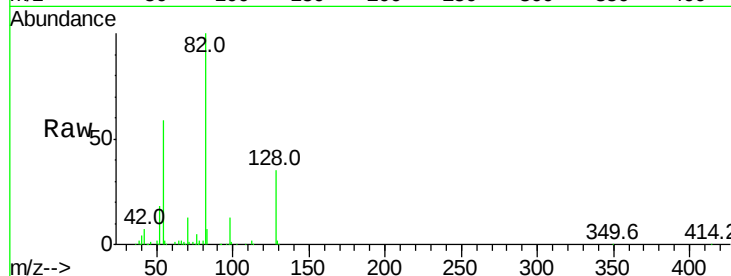




#23
 Nitrobenzene-d5
 Concen: 99.534 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BG033550.D
 Acq: 4 Apr 2018 8:14

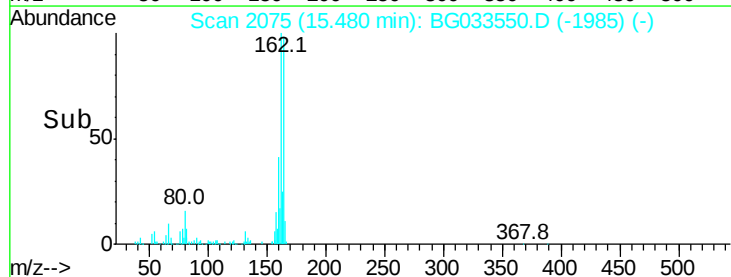
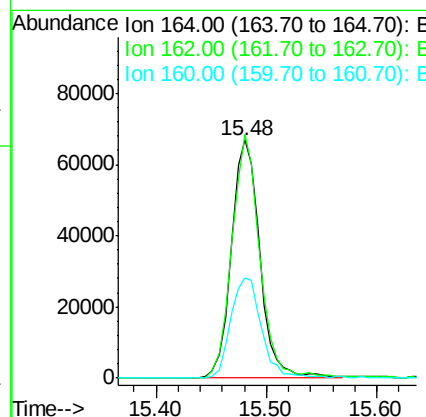
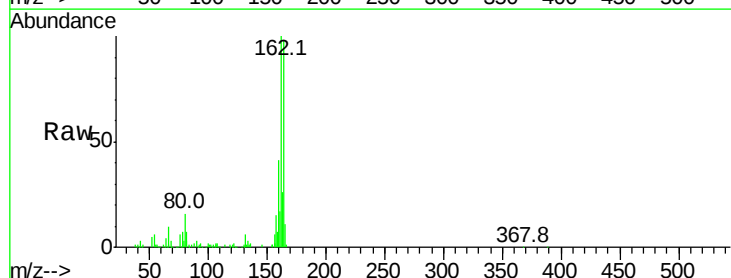
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.7	44.5
54	58.7	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: BG033550.D
 Acq: 4 Apr 2018 8:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	78.8	118.2
160	41.9	35.4	53.0

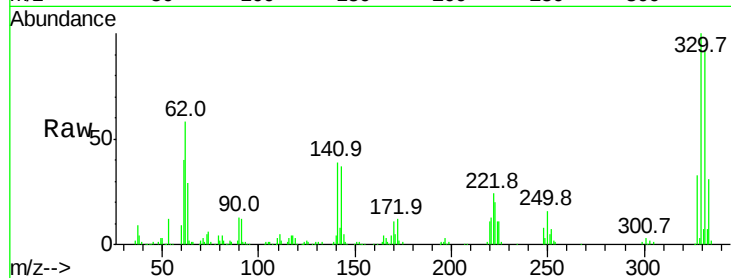




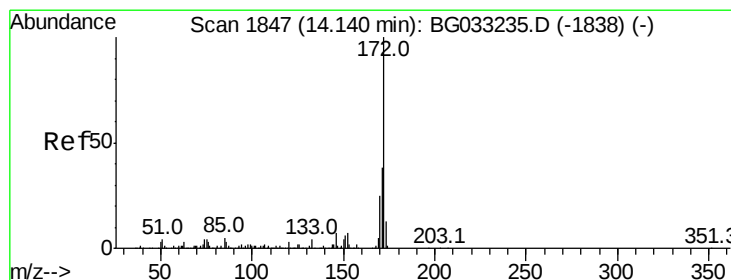
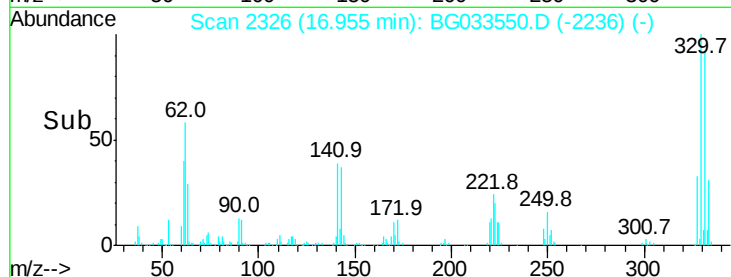
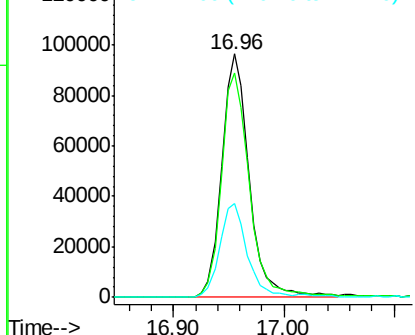
#41
 2,4,6-Tribromophenol
 Concen: 92.813 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033550.D
 Acq: 4 Apr 2018 8:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 167681
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.0 115.6
 141 38.2 25.2 37.8#

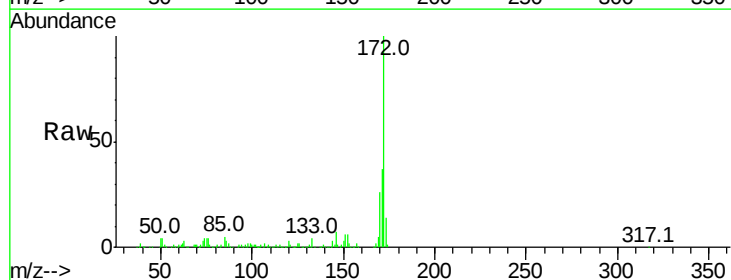


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

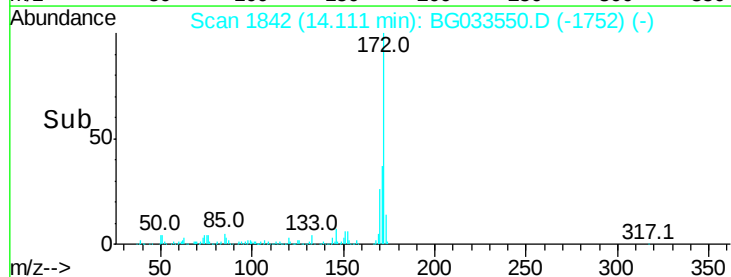
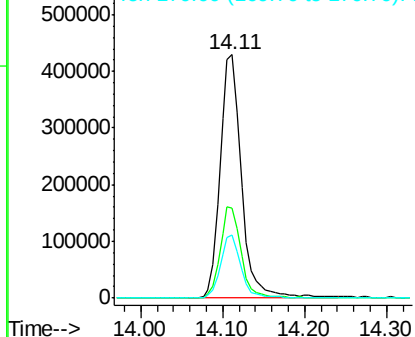


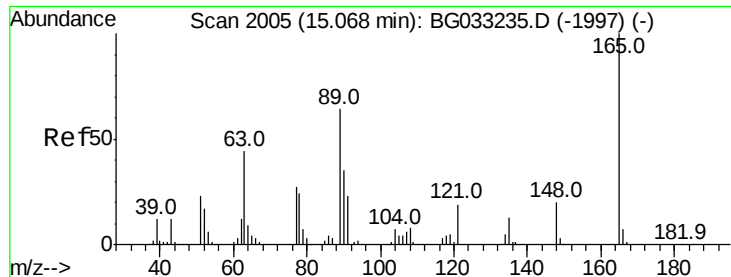
#44
 2-Fluorobiphenyl
 Concen: 93.765 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BG033550.D
 Acq: 4 Apr 2018 8:14

Tgt Ion:172 Resp: 784587
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.0 45.0
 170 25.8 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

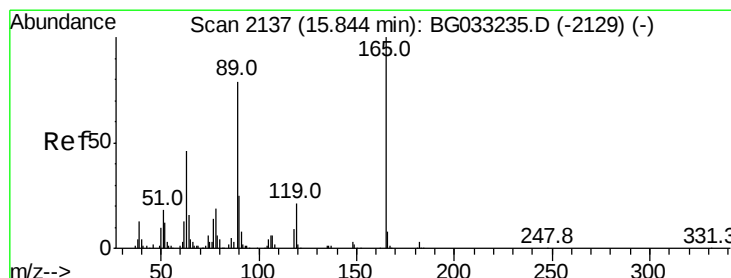
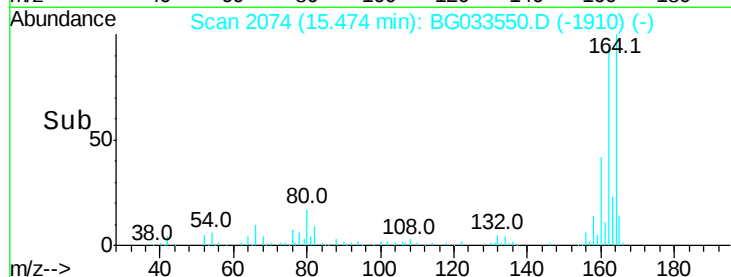
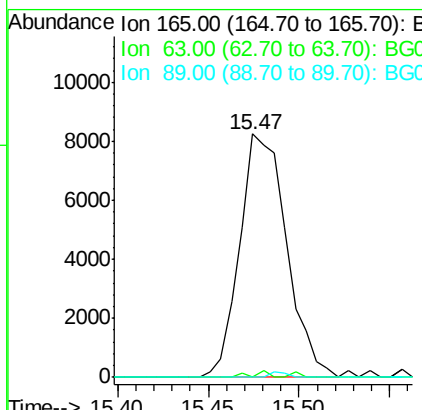
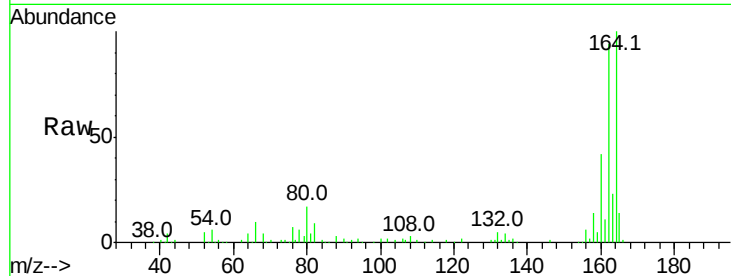




#50
 2,6-Dinitrotoluene
 Concen: 6.898 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.44 min
 Lab File: BG033550.D
 Acq: 4 Apr 2018 8:14

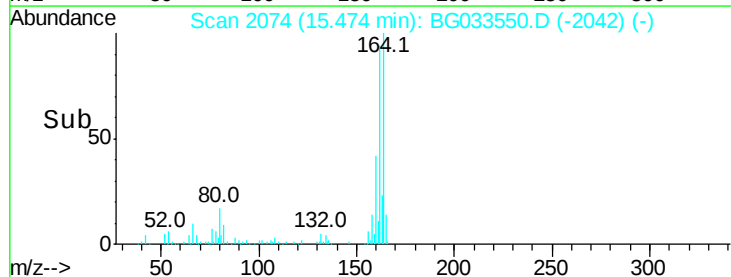
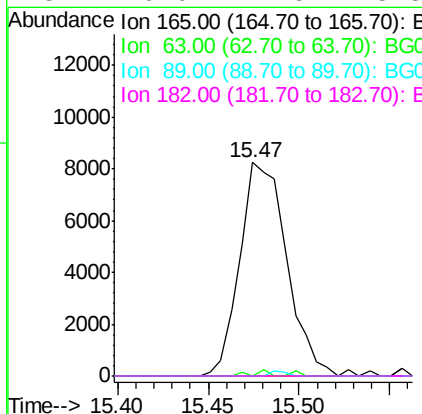
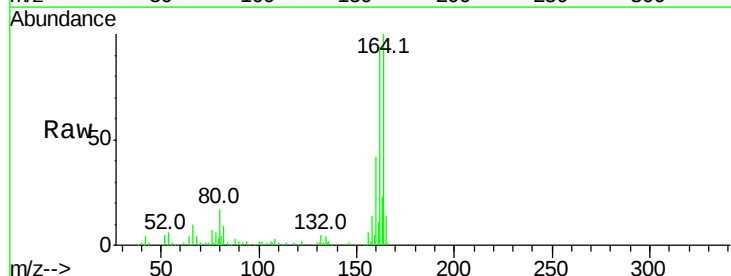
Instrument :
 BNA_G
 ClientSampleId :

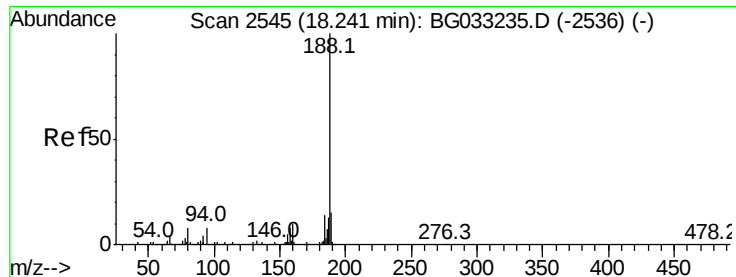
Tot Ion:165 Resp: 14827
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.685 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033550.D
 Acq: 4 Apr 2018 8:14

Tgt Ion:165 Resp: 14827
 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#

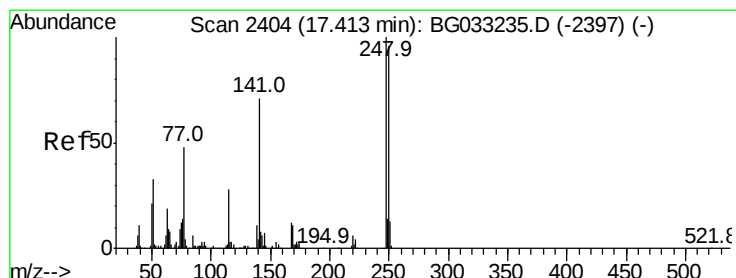
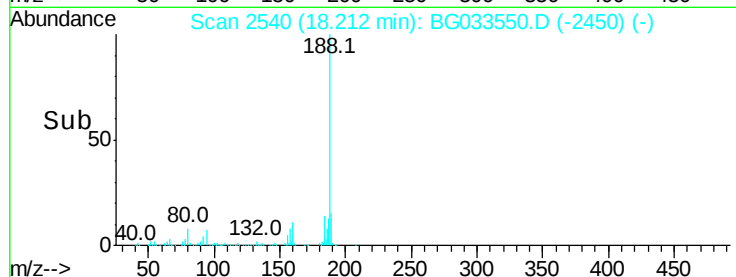
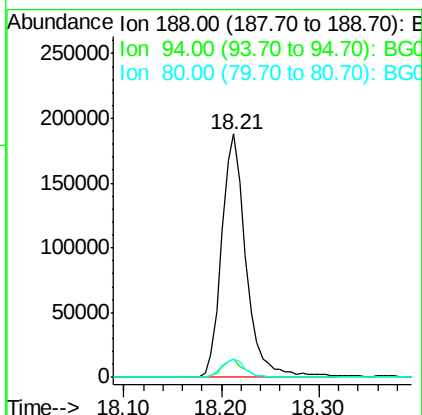
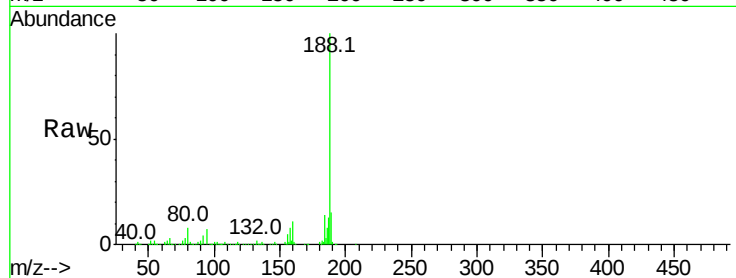




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. 0.00 min
 Lab File: BG033550.D
 Acq: 4 Apr 2018 8:14

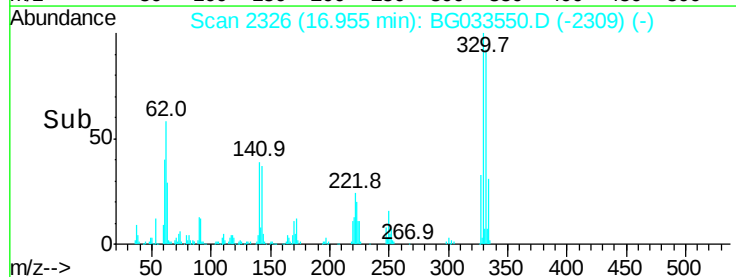
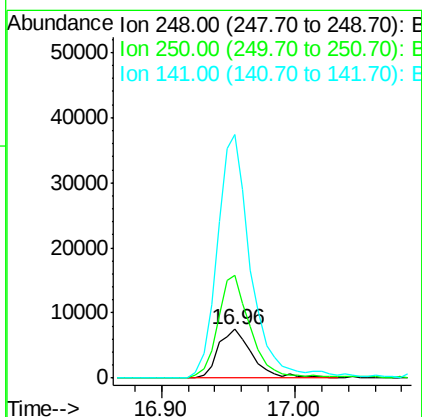
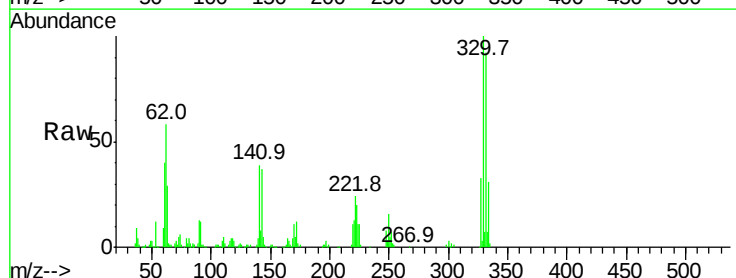
Instrument :
 BNA_G
 ClientSampleId :

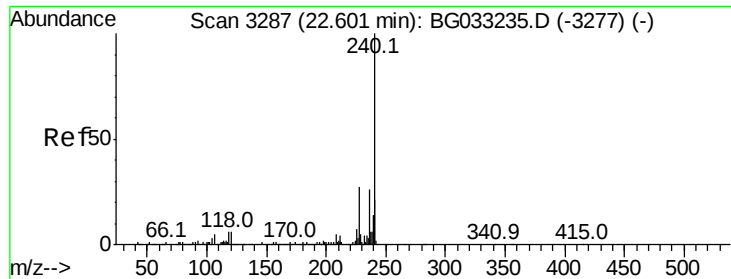
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	7.8	7.7	11.5



#66
 4-Bromophenyl-phenylether
 Concen: 3.489 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.43 min
 Lab File: BG033550.D
 Acq: 4 Apr 2018 8:14

Tgt Ion	Ratio	Lower	Upper
248	100		
250	151.2	77.1	115.7#
141	359.7	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. 0.01 min

Lab File: BG033550.D

Acq: 4 Apr 2018 8:14

Instrument :

BNA_G

ClientSampleId :

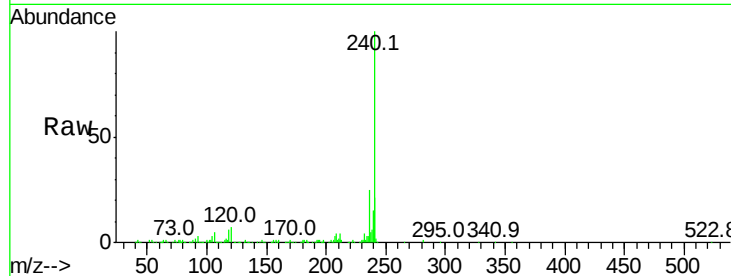
Tot Ion:240 Resp: 332117

Ion Ratio Lower Upper

240 100

120 6.9 6.8 10.2

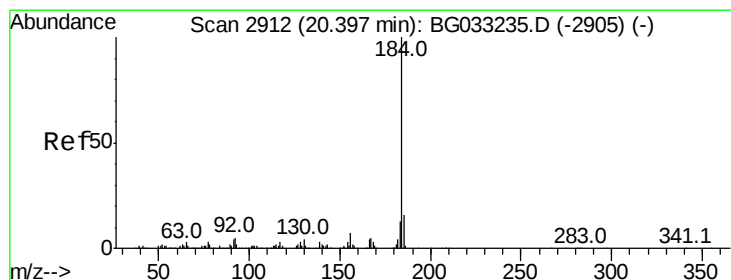
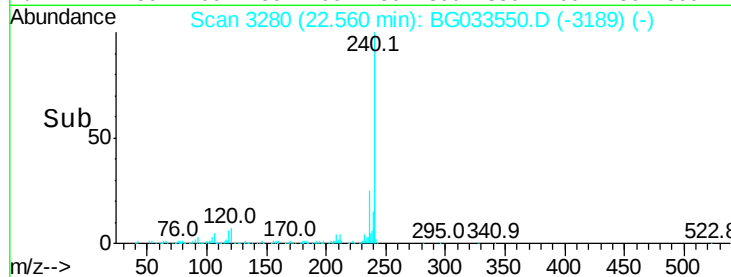
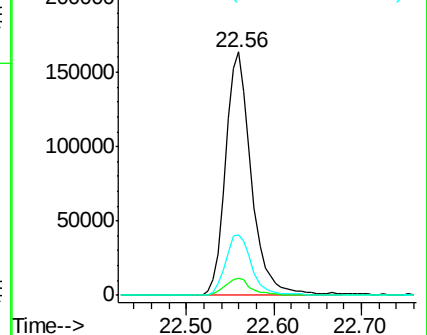
236 24.9 20.9 31.3



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: 2.688 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.37 min

Lab File: BG033550.D

Acq: 4 Apr 2018 8:14

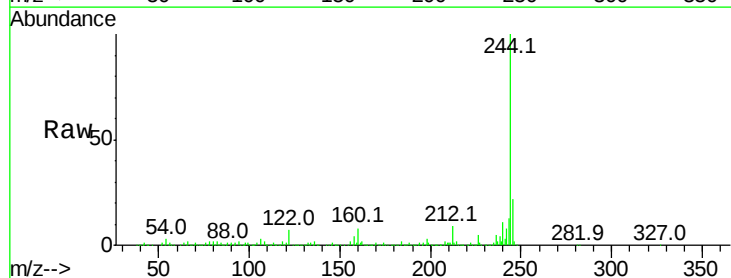
Tgt Ion:184 Resp: 24211

Ion Ratio Lower Upper

184 100

185 16.7 11.1 16.7#

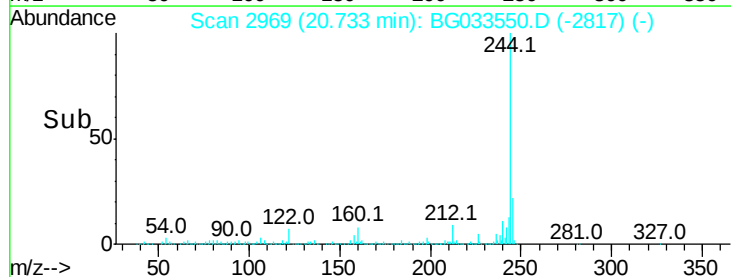
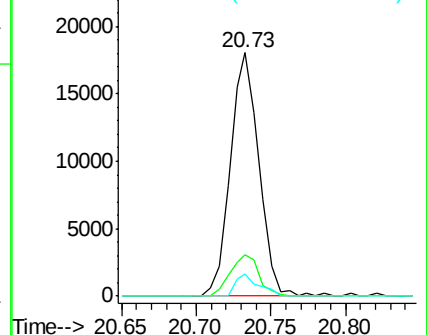
183 9.1 10.6 16.0#

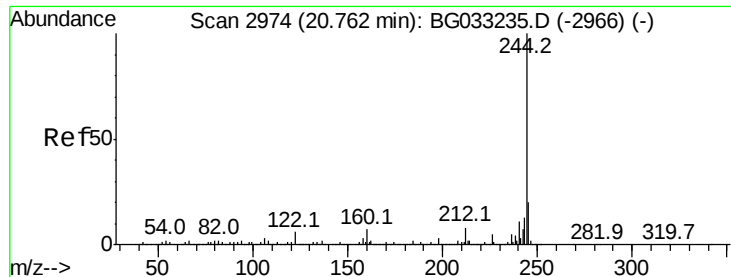


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 90.736 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.00 min

Lab File: BG033550.D

Acq: 4 Apr 2018 8:14

Instrument :

BNA_G

ClientSampleId :

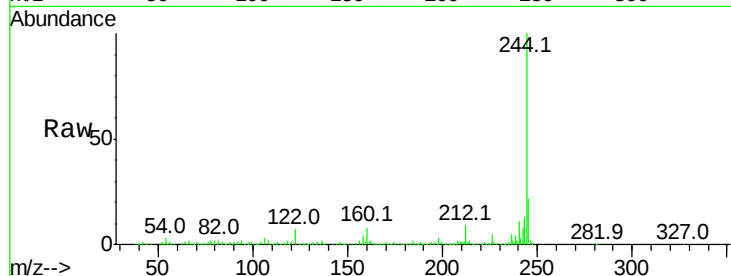
Tot Ion:244 Resp: 1409091

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

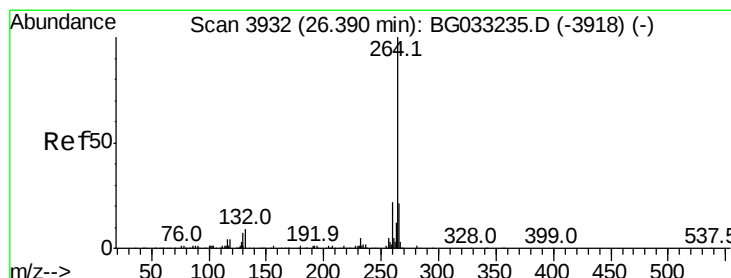
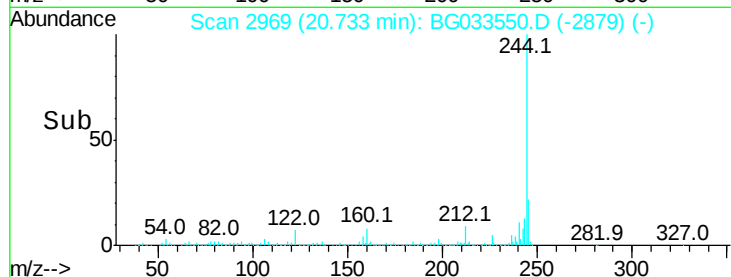
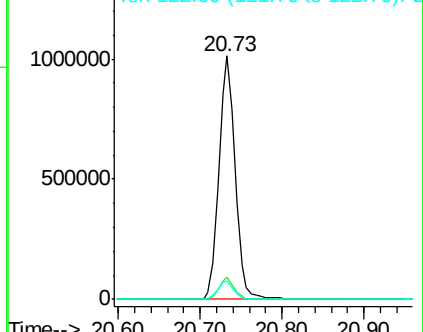
122 7.4 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.33 min Scan# 3921

Delta R.T. 0.01 min

Lab File: BG033550.D

Acq: 4 Apr 2018 8:14

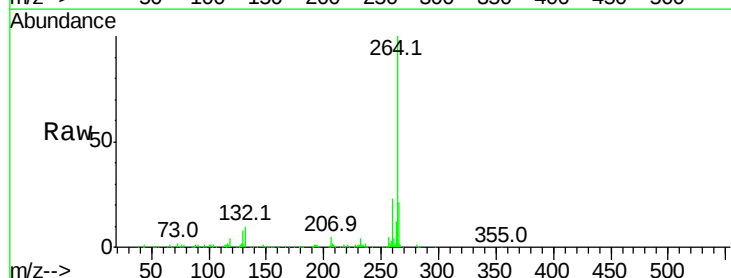
Tgt Ion:264 Resp: 338740

Ion Ratio Lower Upper

264 100

260 23.3 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

