

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033836.D
 Acq On : 17 Apr 2018 4:47
 Operator : SJ/JU
 Sample : J2391-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 17 06:37:57 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 11:44:01 2018
 Response via : Initial Calibration

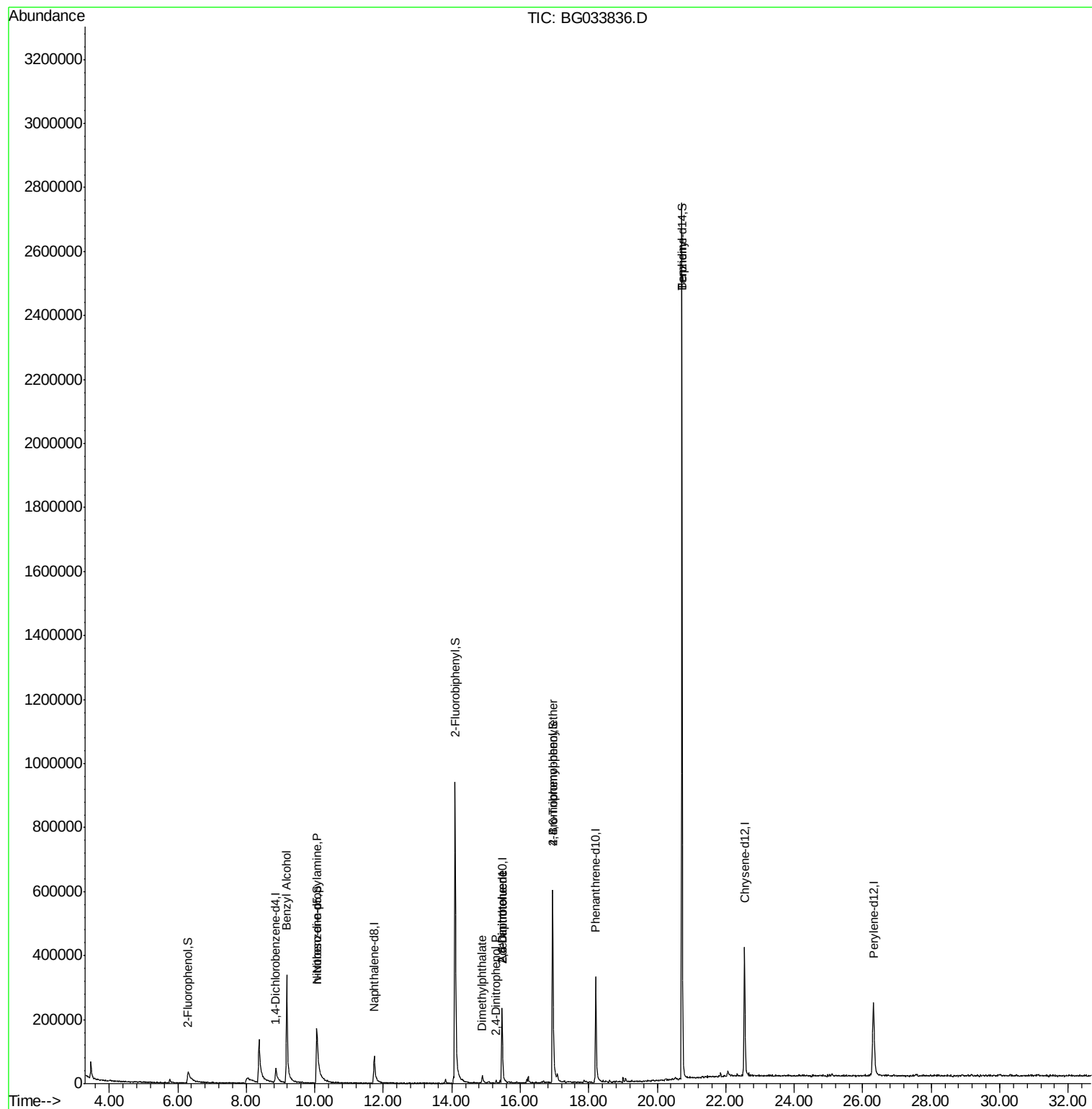
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	25108	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	125441	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	109122	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	313004	20.00	ng	0.00
75) Chrysene-d12	22.55	240	310688	20.00	ng	0.00
86) Perylene-d12	26.31	264	344900	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	28807	21.51	ng	0.00
7) Phenol-d6	8.04	99	1860	0.81	ng	0.05
23) Nitrobenzene-d5	10.06	82	244425	89.52	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	159112	97.49	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	730870	96.69	ng	0.00
78) Terphenyl-d14	20.72	244	1478932	101.80	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.18	79	4232	2.336	ng	# 40
19) n-Nitroso-di-n-propylamine	10.06	70	31049	18.417	ng	# 74
49) Dimethylphthalate	14.89	163	24729	2.604	ng	100
50) 2,6-Dinitrotoluene	15.46	165	13416	6.909	ng	# 22
53) 2,4-Dinitrophenol	15.29	184	76	7.711	ng	# 1
56) 2,4-Dinitrotoluene	15.46	165	13569	4.746	ng	# 19
66) 4-Bromophenyl-phenylether	16.95	248	11927	3.245	ng	# 1
76) Benzidine	20.72	184	26293	3.121	ng	# 90

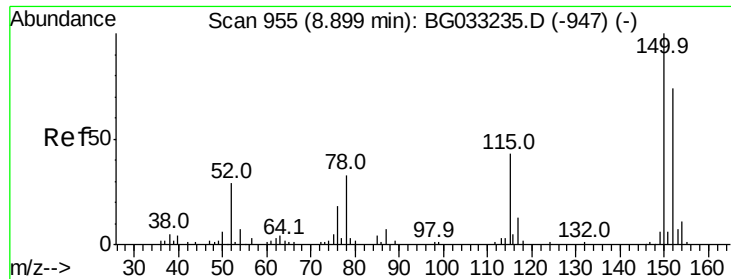
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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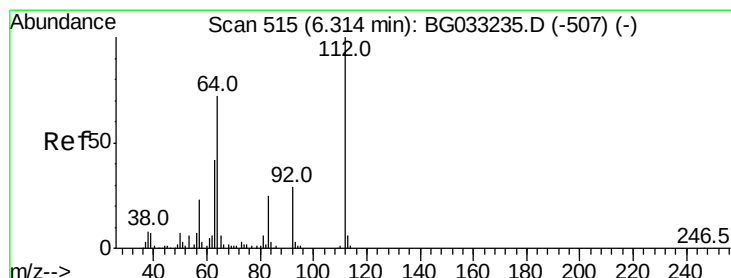
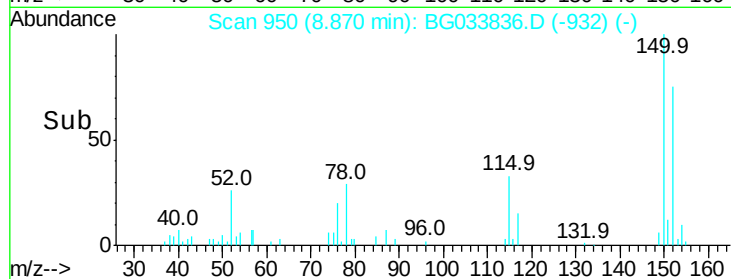
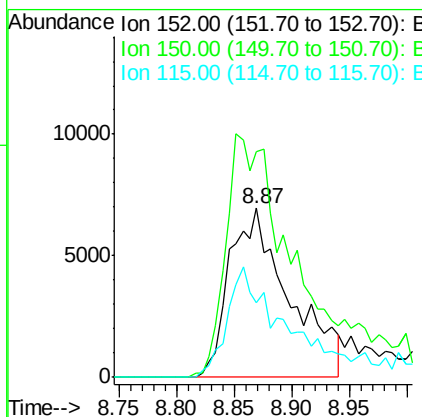
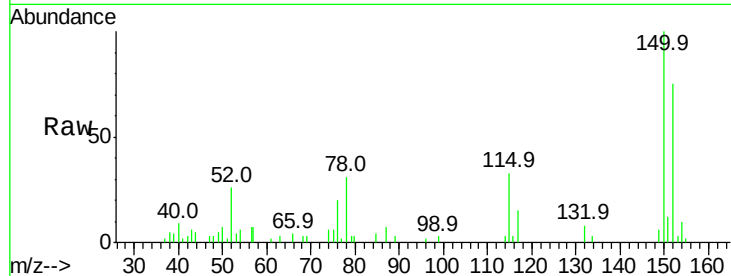


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.87 min Scan# 950
 Delta R.T. 0.01 min
 Lab File: BG033836.D
 Acq: 17 Apr 2018 4:47

Instrument :
 BNA_G
 ClientSampleId :

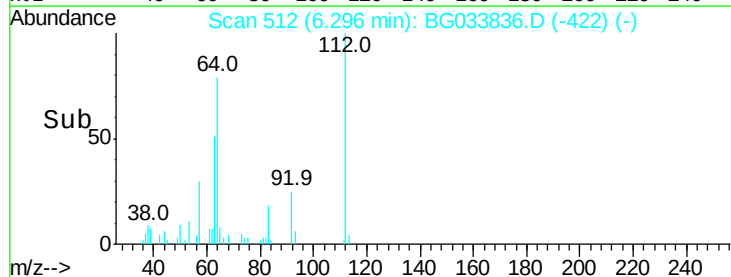
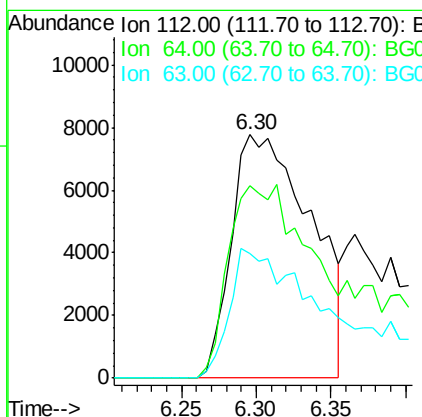
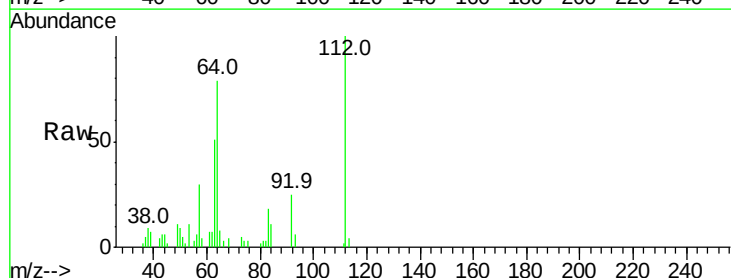
Tot Ion:152 Resp: 25108
 Ion Ratio Lower Upper
 152 100
 150 133.0 126.6 189.8
 115 44.3 53.0 79.4#

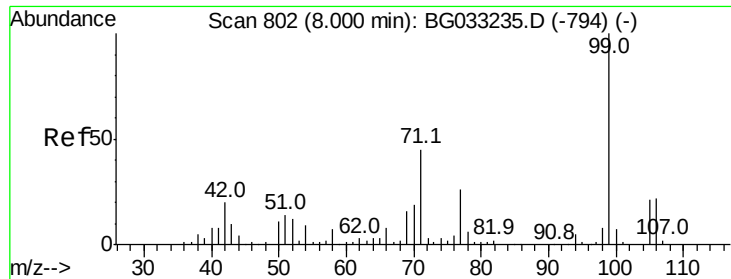


#5

2-Fluorophenol
 Concen: 21.514 ng
 RT: 6.30 min Scan# 512
 Delta R.T. -0.00 min
 Lab File: BG033836.D
 Acq: 17 Apr 2018 4:47

Tgt Ion:112 Resp: 28807
 Ion Ratio Lower Upper
 112 100
 64 78.9 56.3 84.5
 63 51.2 30.1 45.1#





#7

Phenol-d6

Concen: 0.808 ng

RT: 8.04 min Scan# 808

Delta R.T. 0.05 min

Lab File: BG033836.D

Acq: 17 Apr 2018 4:47

Instrument :

BNA_G

ClientSampled :

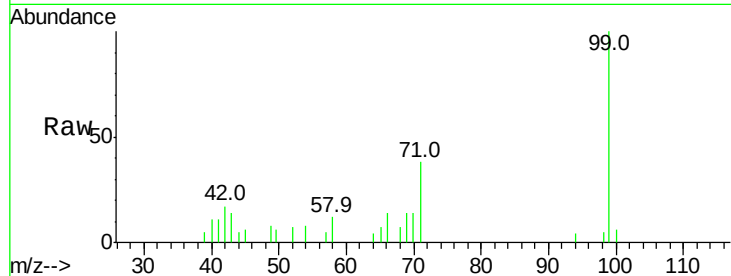
Tot Ion: 99 Resp: 1860

Ion Ratio Lower Upper

99 100

42 17.4 14.1 21.1

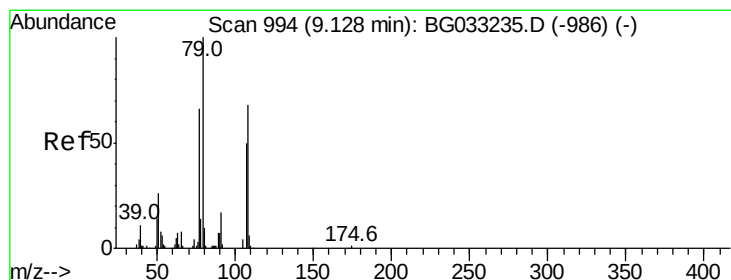
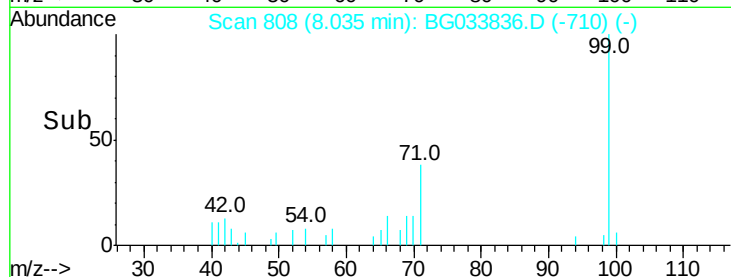
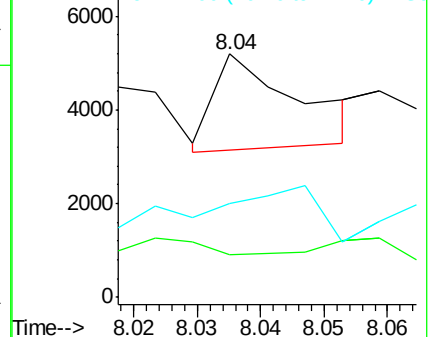
71 38.4 26.1 39.1



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: 2.336 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.07 min

Lab File: BG033836.D

Acq: 17 Apr 2018 4:47

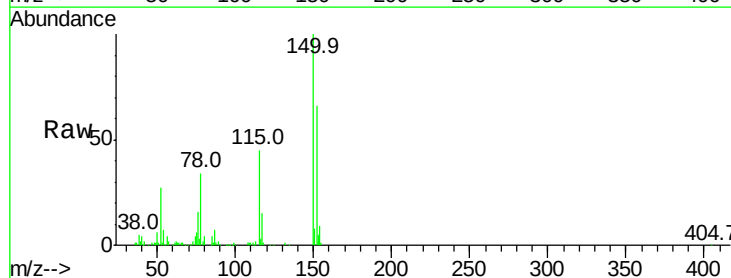
Tgt Ion: 79 Resp: 4232

Ion Ratio Lower Upper

79 100

108 33.0 57.2 85.8#

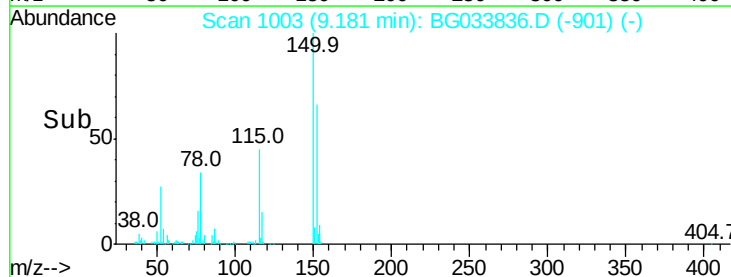
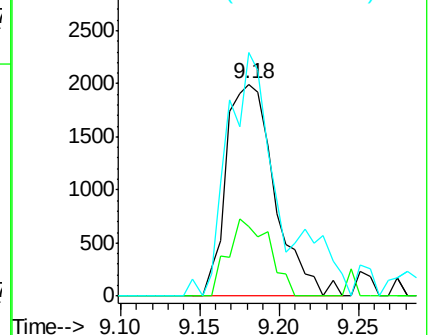
77 114.9 46.1 69.1#

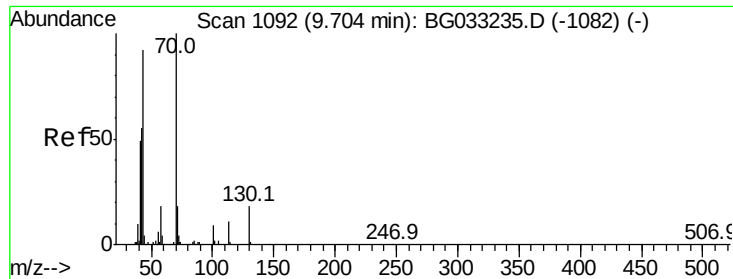


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

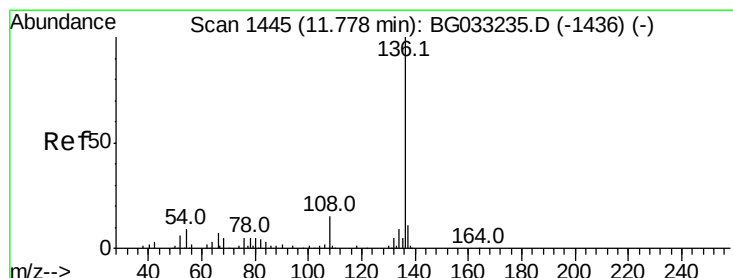
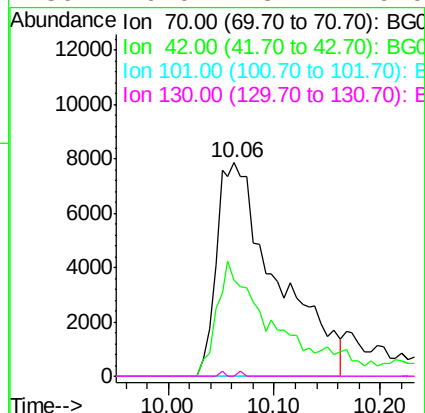
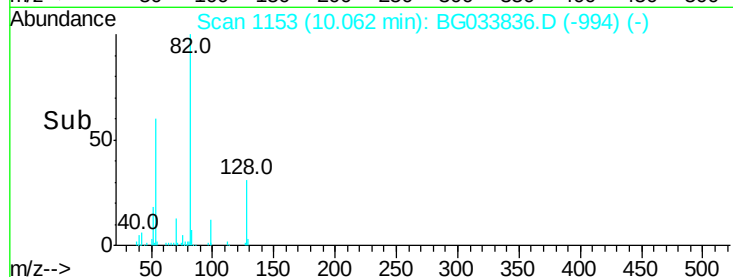
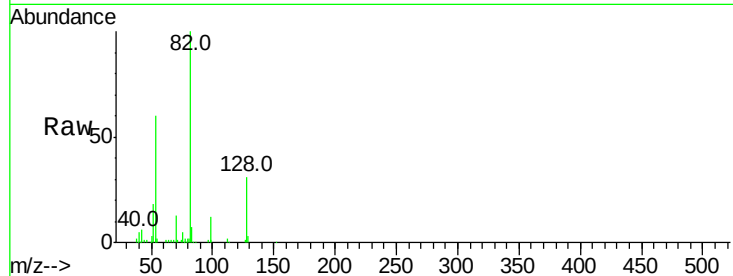




#19
n-Nitroso-di-n-propylamine
Concen: 18.417 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.40 min
Lab File: BG033836.D
Acq: 17 Apr 2018 4:47

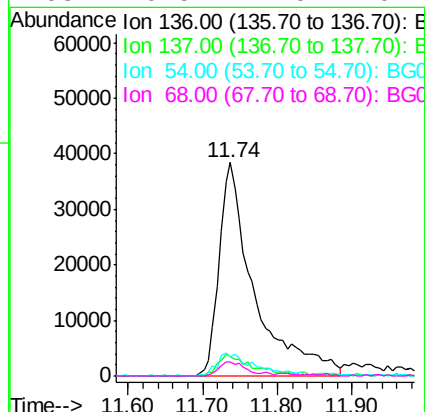
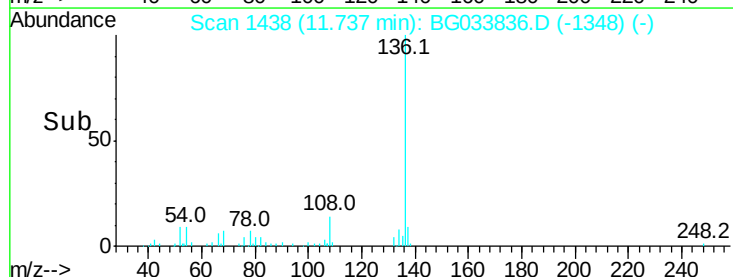
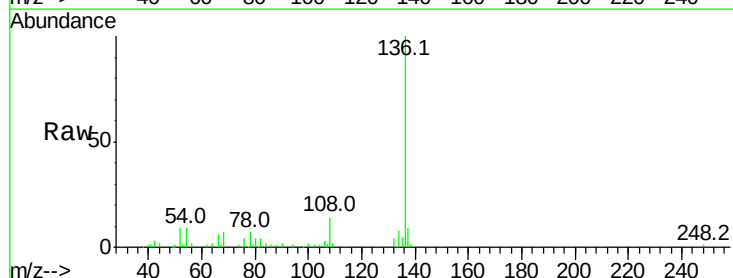
Instrument :
BNA_G
ClientSampleId :

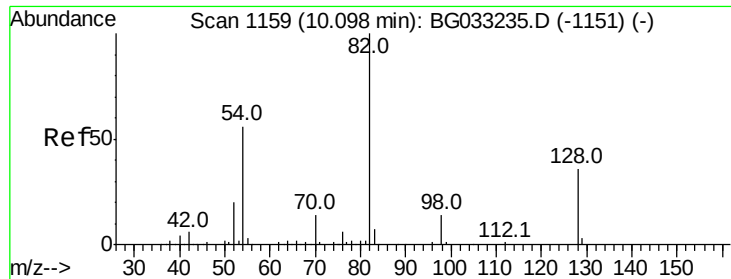
Tot Ion: 70 Resp: 31049
Ion Ratio Lower Upper
70 100
42 45.0 49.1 73.7#
101 0.0 8.5 12.7#
130 0.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BG033836.D
Acq: 17 Apr 2018 4:47

Tgt Ion: 136 Resp: 125441
Ion Ratio Lower Upper
136 100
137 8.8 9.2 13.8#
54 9.2 10.3 15.5#
68 6.5 4.5 6.7

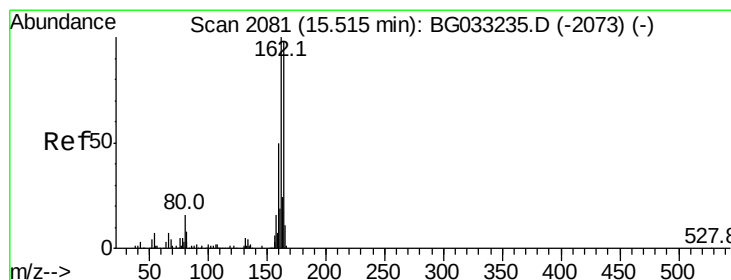
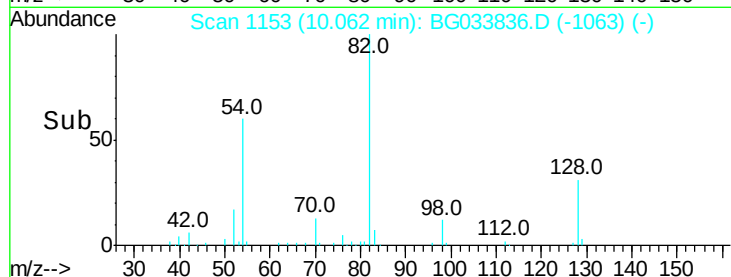
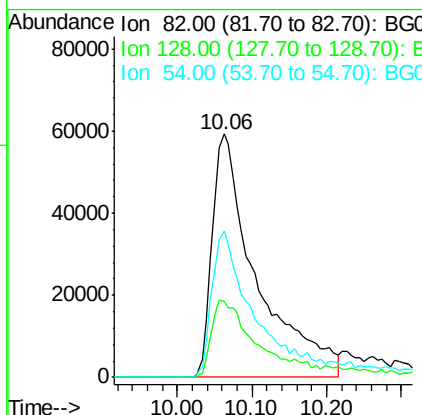
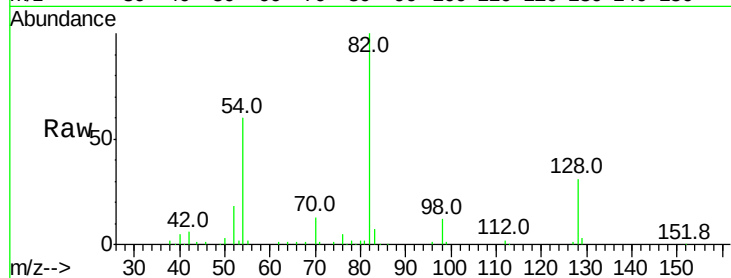




#23
 Nitrobenzene-d5
 Concen: 89.523 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033836.D
 Acq: 17 Apr 2018 4:47

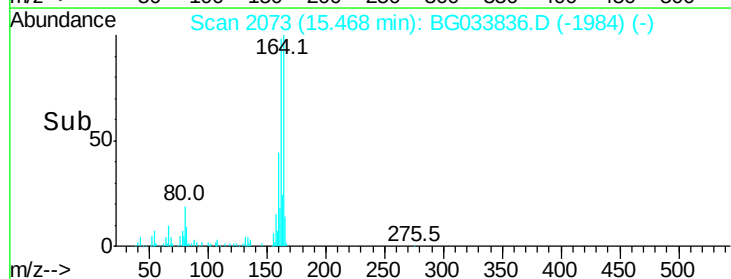
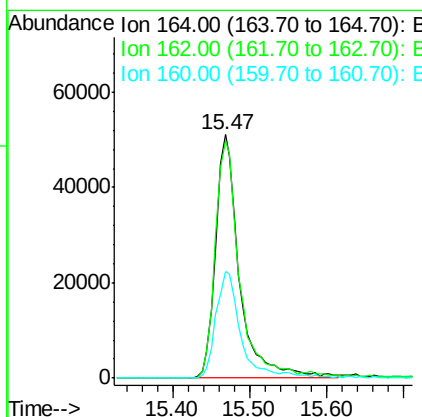
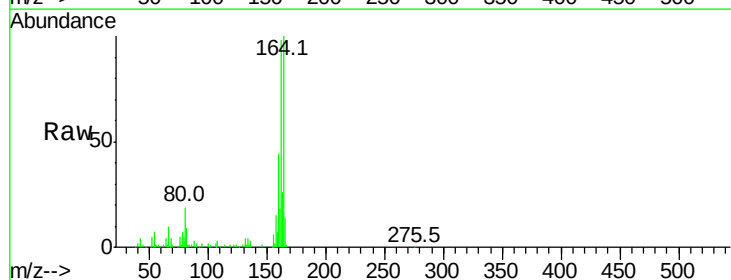
Instrument :
 BNA_G
 ClientSampled :

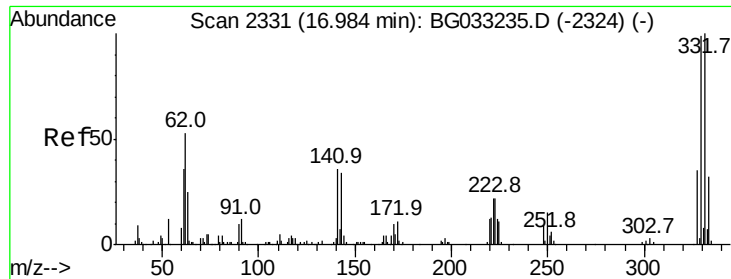
Tot Ion	82	Resp	244425
Ion Ratio	Lower	Upper	
82	100		
128	31.3	29.7	44.5
54	60.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.01 min
 Lab File: BG033836.D
 Acq: 17 Apr 2018 4:47

Tgt Ion	164	Resp	109122
Ion Ratio	Lower	Upper	
164	100		
162	97.7	78.8	118.2
160	44.0	35.4	53.0

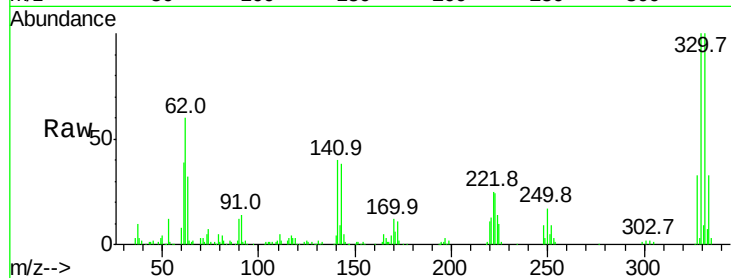




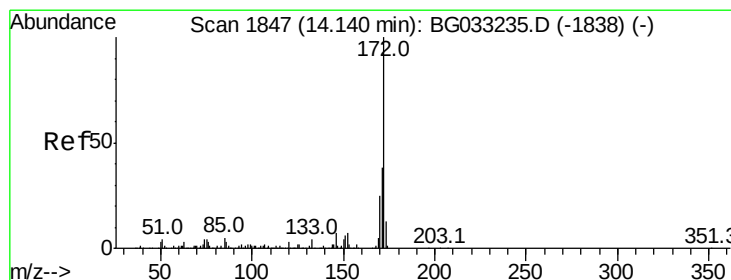
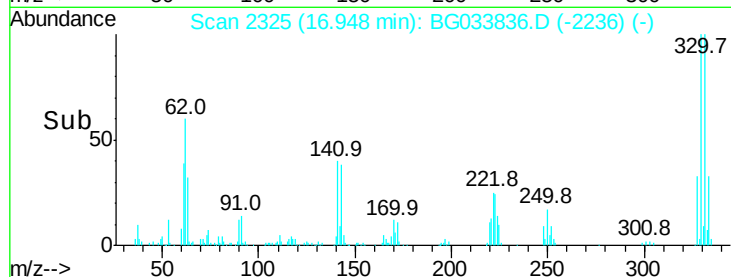
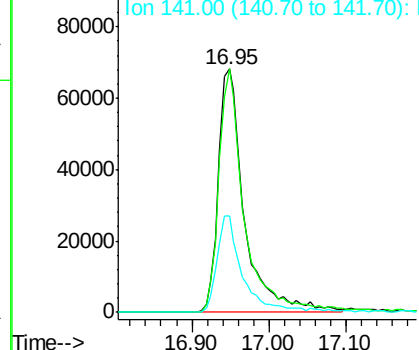
#41
 2,4,6-Tribromophenol
 Concen: 97.492 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033836.D
 Acq: 17 Apr 2018 4:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 159112
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 39.6 25.2 37.8#

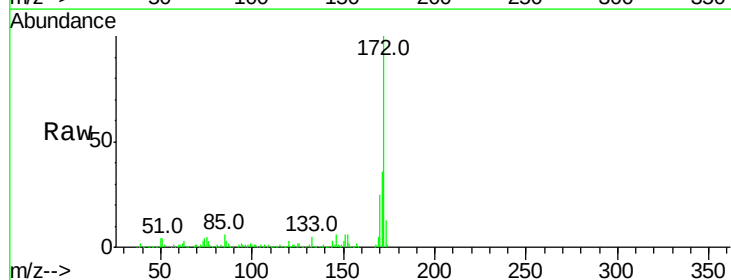


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

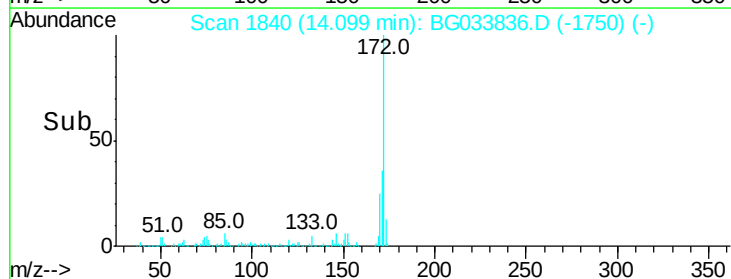
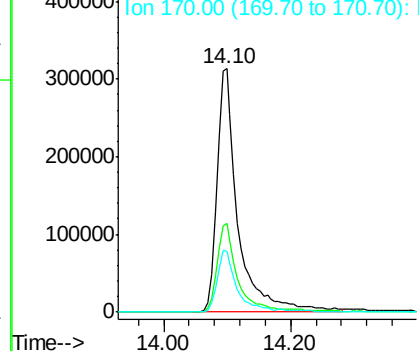


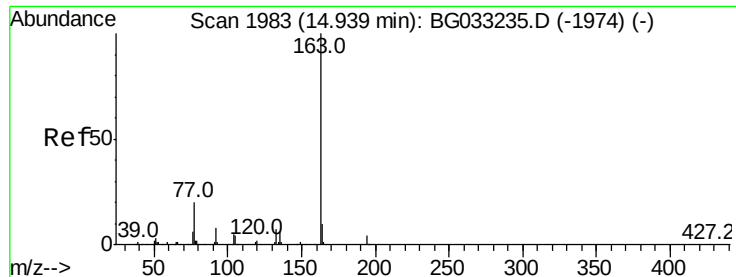
#44
 2-Fluorobiphenyl
 Concen: 96.691 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033836.D
 Acq: 17 Apr 2018 4:47

Tgt Ion:172 Resp: 730870
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.0 45.0
 170 24.9 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





#49

Dimethylphthalate

Concen: 2.604 ng

RT: 14.89 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG033836.D

Acq: 17 Apr 2018 4:47

Instrument :

BNA_G

ClientSampleId :

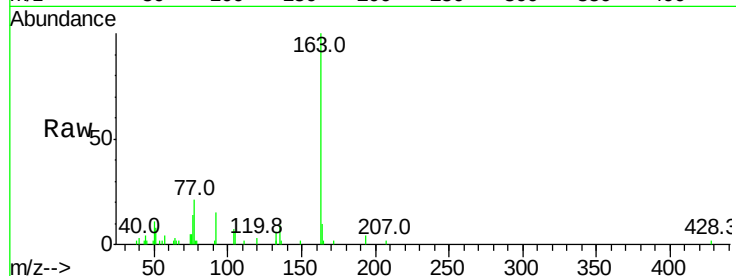
Tot Ion:163 Resp: 24729

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

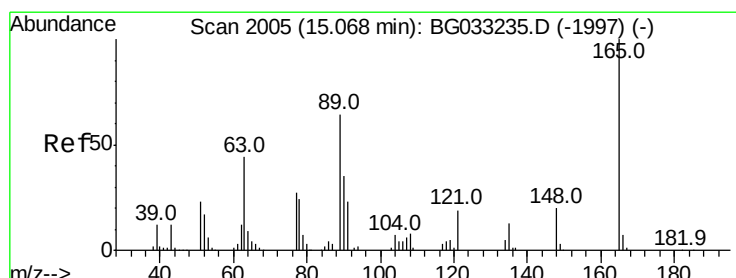
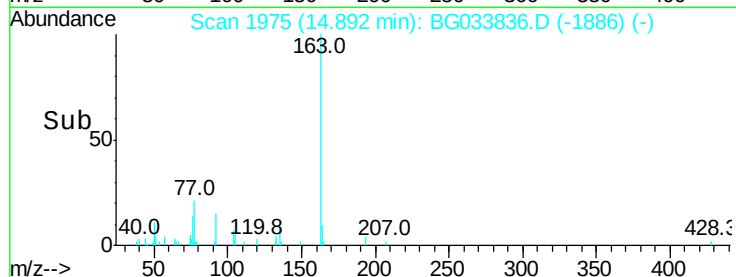
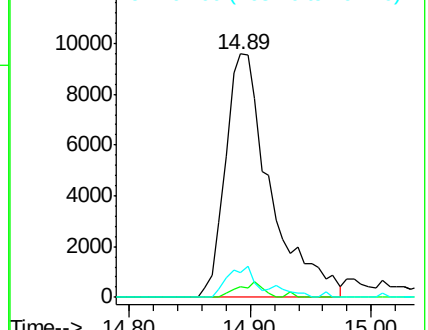
164 10.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 6.909 ng

RT: 15.46 min Scan# 2072

Delta R.T. 0.43 min

Lab File: BG033836.D

Acq: 17 Apr 2018 4:47

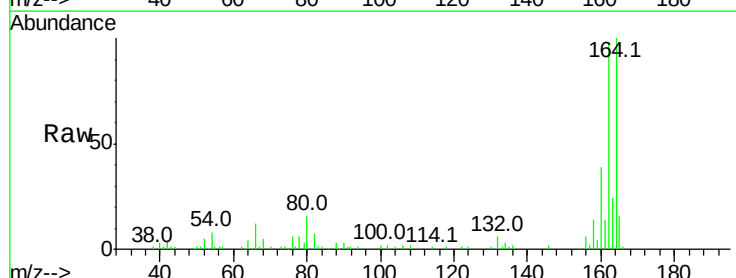
Tgt Ion:165 Resp: 13416

Ion Ratio Lower Upper

165 100

63 2.4 52.7 79.1#

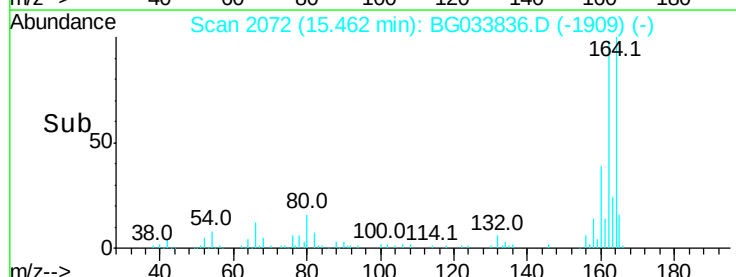
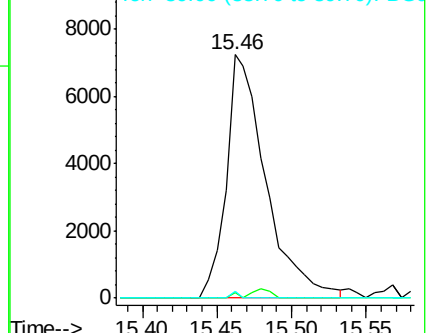
89 2.6 49.2 73.8#

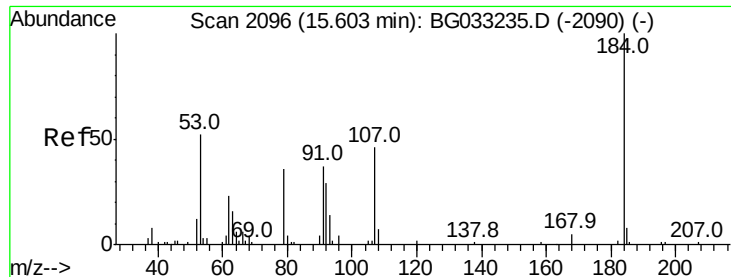


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

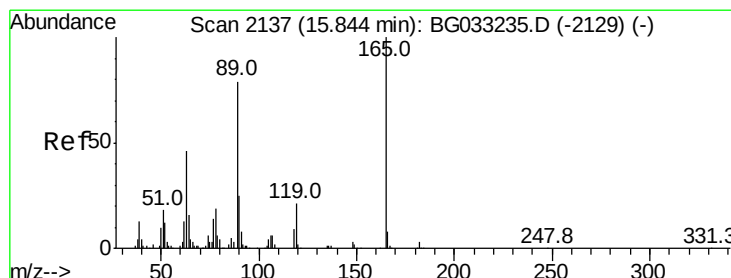
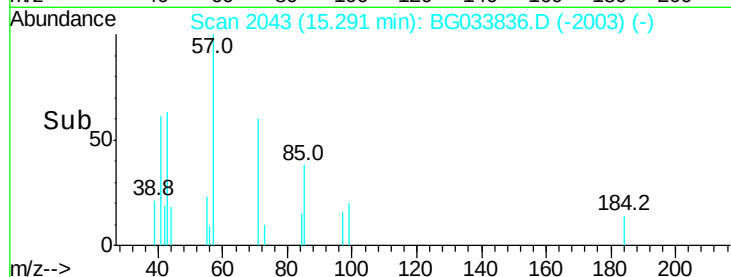
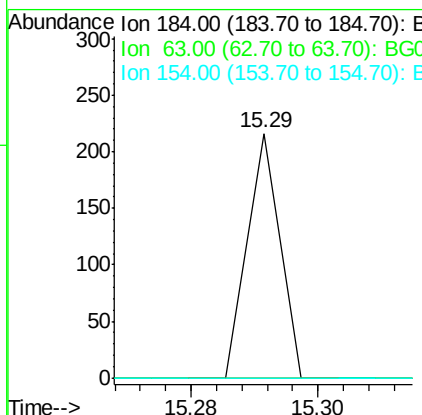
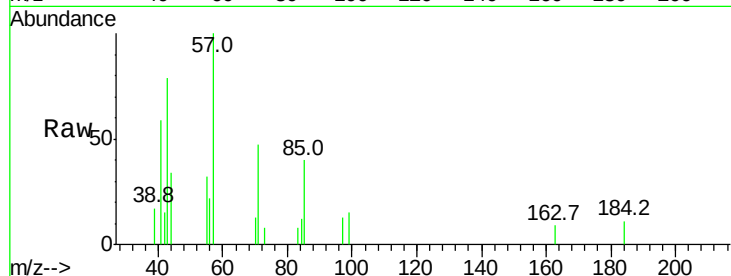




#53
 2,4-Dinitrophenol
 Concen: 7.711 ng
 RT: 15.29 min Scan# 2043
 Delta R.T. -0.29 min
 Lab File: BG033836.D
 Acq: 17 Apr 2018 4:47

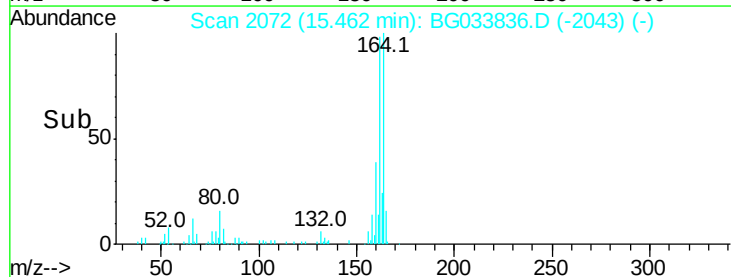
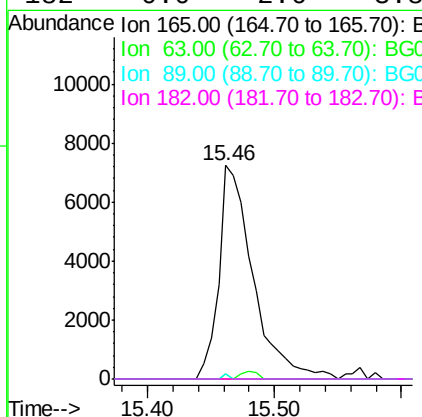
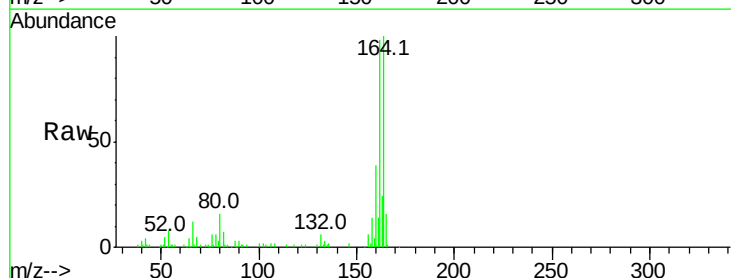
Instrument :
 BNA_G
 ClientSampleId :

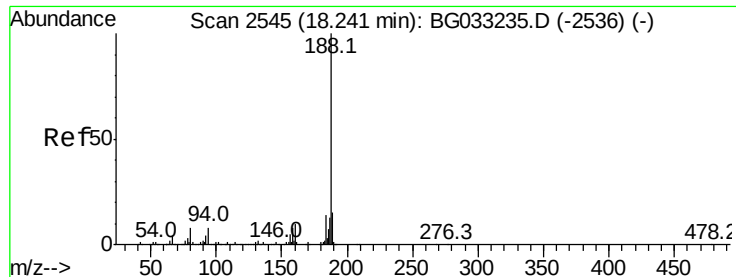
Tot Ion:184 Resp: 76
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.746 ng
 RT: 15.46 min Scan# 2072
 Delta R.T. -0.36 min
 Lab File: BG033836.D
 Acq: 17 Apr 2018 4:47

Tgt Ion:165 Resp: 13569
 Ion Ratio Lower Upper
 165 100
 63 2.4 42.0 63.0#
 89 2.6 66.9 100.3#
 182 0.0 2.6 3.8#

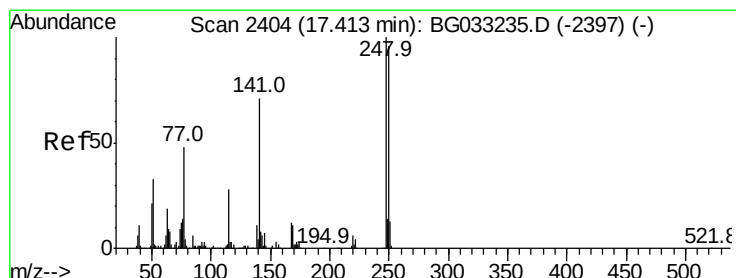
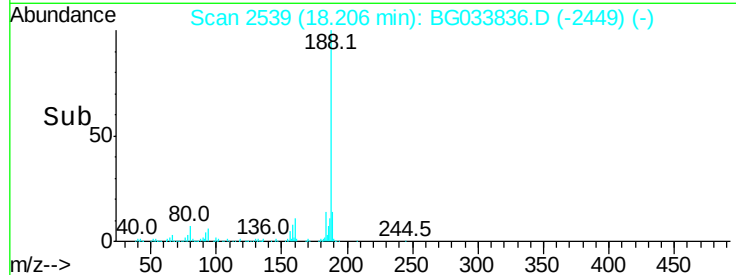
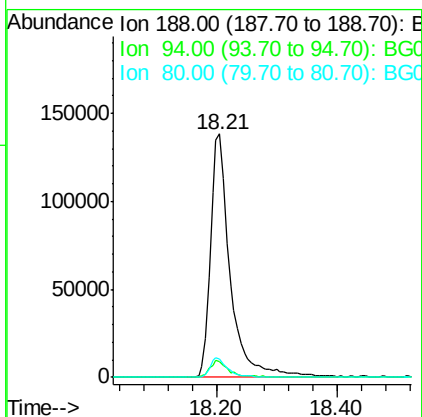
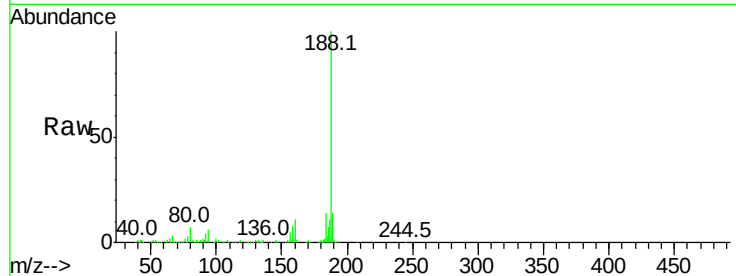




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.00 min
 Lab File: BG033836.D
 Acq: 17 Apr 2018 4:47

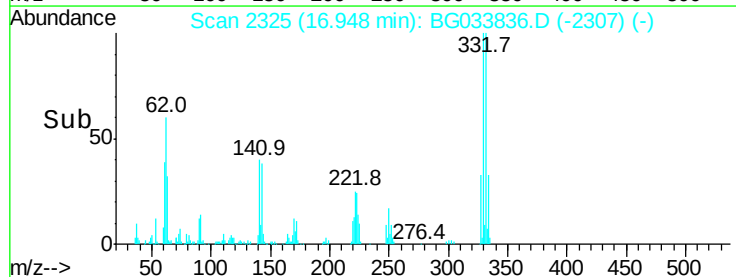
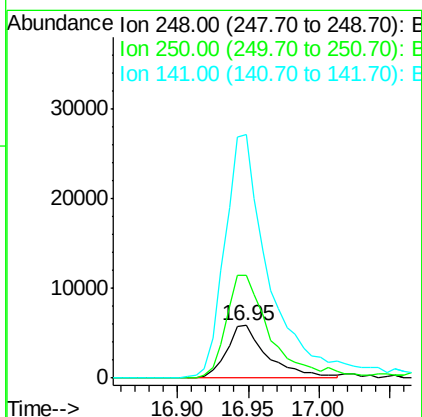
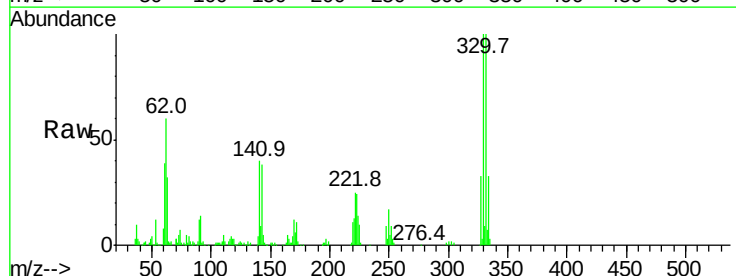
Instrument :
 BNA_G
 ClientSampleId :

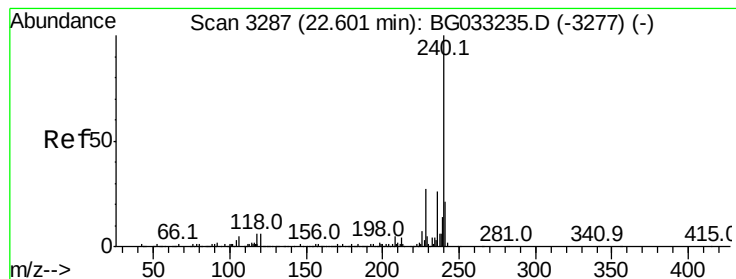
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	7.4	7.7	11.5#



#66
 4-Bromophenyl-phenylether
 Concen: 3.245 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.42 min
 Lab File: BG033836.D
 Acq: 17 Apr 2018 4:47

Tgt Ion	Ratio	Lower	Upper
248	100		
250	195.5	77.1	115.7#
141	463.7	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BG033836.D

Acq: 17 Apr 2018 4:47

Instrument :

BNA_G

ClientSampleId :

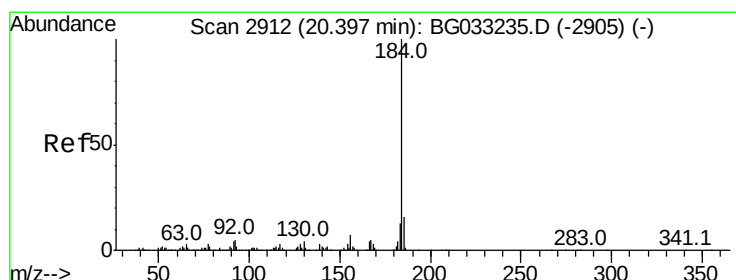
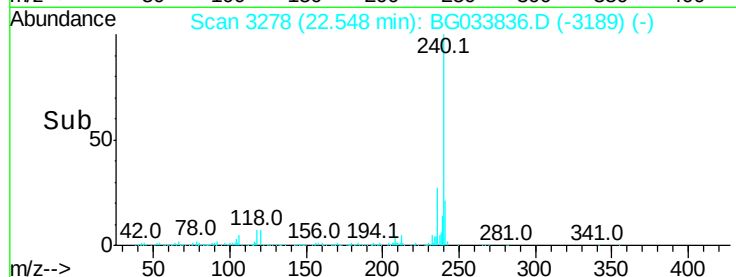
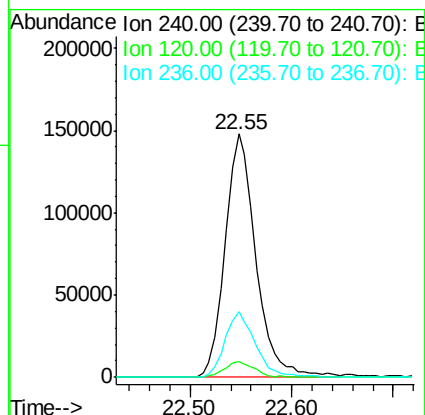
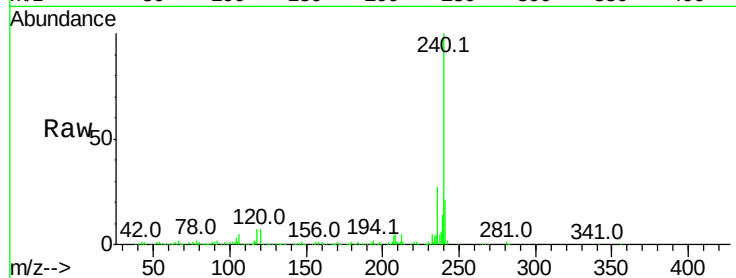
Tot Ion:240 Resp: 310688

Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

236 26.8 20.9 31.3



#76

Benzidine

Concen: 3.121 ng

RT: 20.72 min Scan# 2967

Delta R.T. 0.35 min

Lab File: BG033836.D

Acq: 17 Apr 2018 4:47

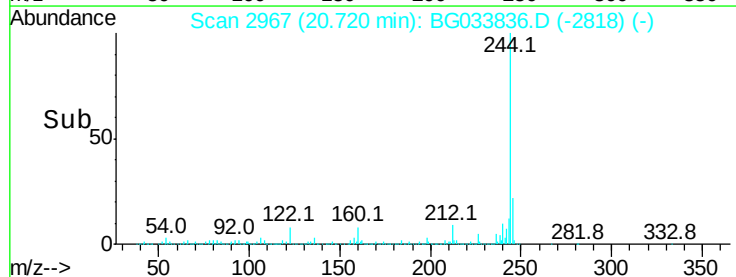
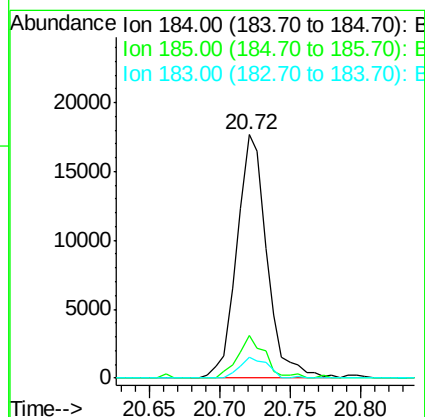
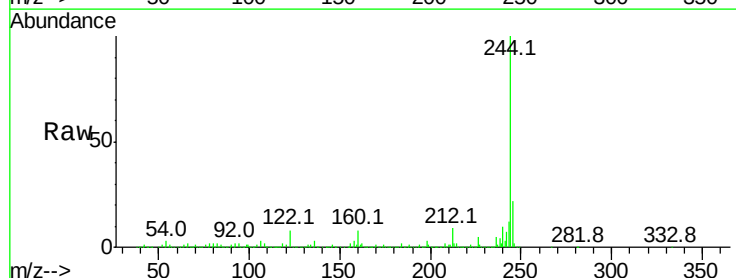
Tgt Ion:184 Resp: 26293

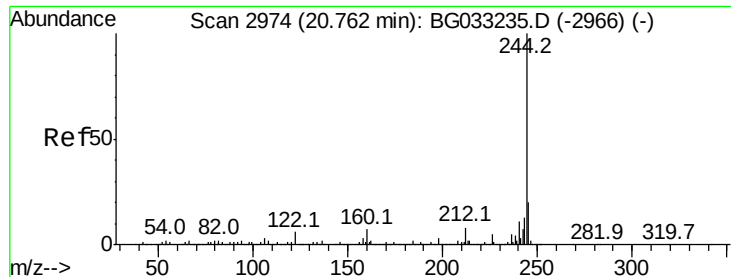
Ion Ratio Lower Upper

184 100

185 17.7 11.1 16.7#

183 8.7 10.6 16.0#





#78

Terphenyl-d14

Concen: 101.802 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.01 min

Lab File: BG033836.D

Acq: 17 Apr 2018 4:47

Instrument :

BNA_G

ClientSampleId :

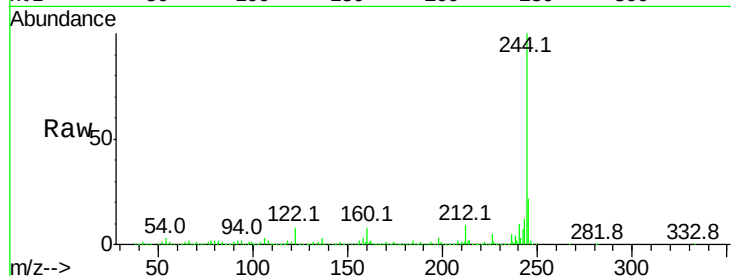
Tot Ion:244 Resp: 1478932

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

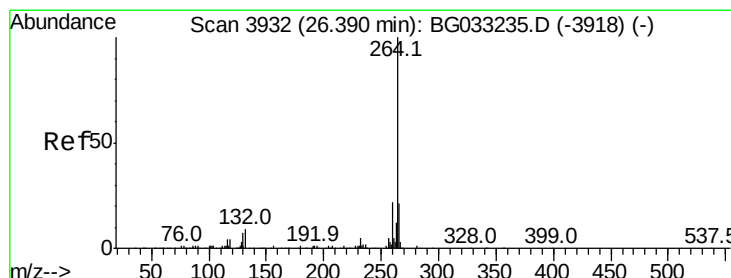
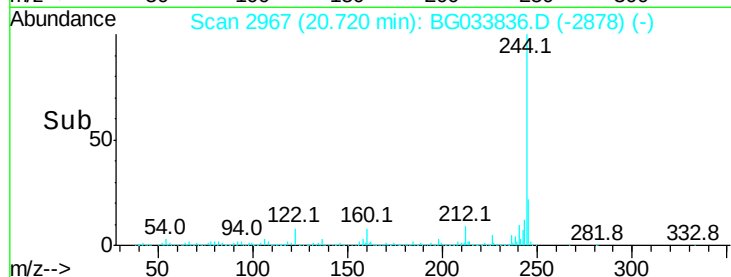
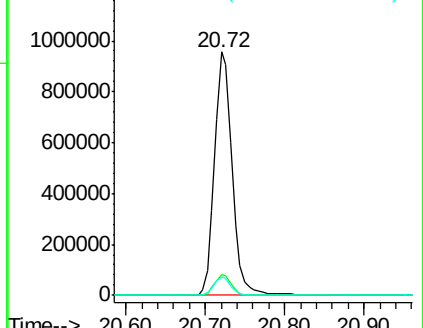
122 7.7 7.0 10.4



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: 26.31 min Scan# 3918

Delta R.T. -0.02 min

Lab File: BG033836.D

Acq: 17 Apr 2018 4:47

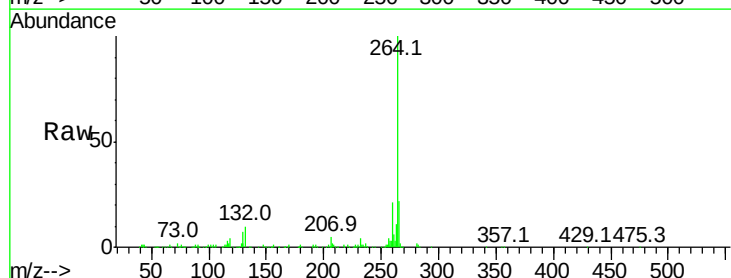
Tgt Ion:264 Resp: 344900

Ion Ratio Lower Upper

264 100

260 21.1 17.4 26.0

265 22.3 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

