

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041718\
 Data File : BG033855.D
 Acq On : 17 Apr 2018 21:37
 Operator : SJ/JU
 Sample : J2411-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 18 04:04:35 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 17 18:35:38 2018
 Response via : Initial Calibration

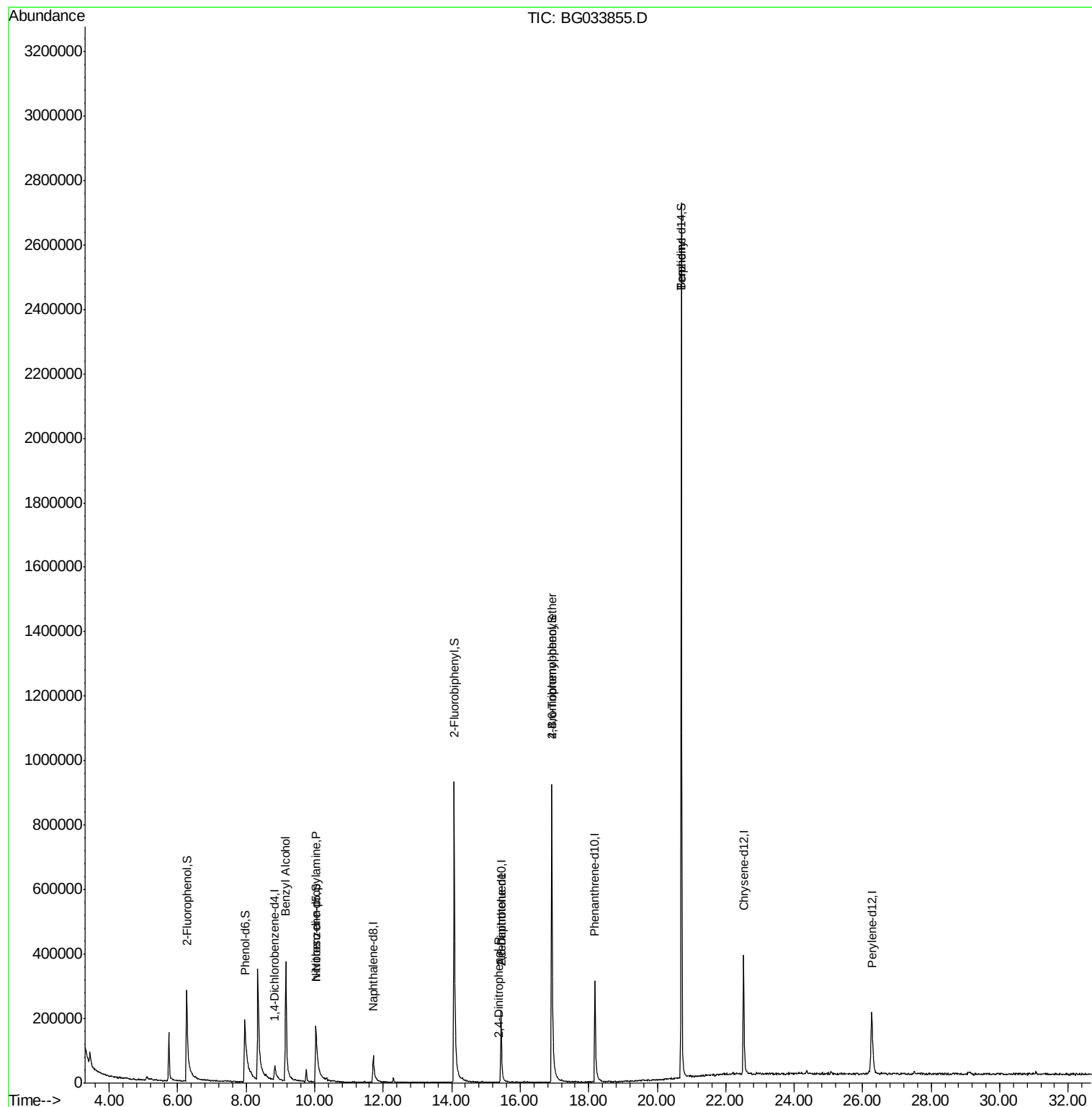
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	23525	20.00	ng	0.00
21) Naphthalene-d8	11.71	136	126606	20.00	ng	0.00
38) Acenaphthene-d10	15.45	164	105324	20.00	ng	0.00
63) Phenanthrene-d10	18.18	188	312162	20.00	ng	-0.01
75) Chrysene-d12	22.52	240	312605	20.00	ng	-0.02
86) Perylene-d12	26.26	264	306069	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.26	112	222730	177.53	ng	0.00
7) Phenol-d6	7.96	99	333761	154.83	ng	0.00
23) Nitrobenzene-d5	10.03	82	289974	105.23	ng	0.00
41) 2,4,6-Tribromophenol	16.92	330	259876	164.98	ng	-0.01
44) 2-Fluorobiphenyl	14.07	172	747522	102.46	ng	0.00
78) Terphenyl-d14	20.70	244	1538145	105.23	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.15	79	4886	2.879	ng	# 58
19) n-Nitroso-di-n-propylamine	10.03	70	33652	21.305	ng	# 68
50) 2,6-Dinitrotoluene	15.44	165	13112	6.996	ng	# 20
53) 2,4-Dinitrophenol	15.38	184	147	7.780	ng	# 1
66) 4-Bromophenyl-phenylether	16.93	248	18655	5.089	ng	# 1
76) Benzidine	20.70	184	24914	2.939	ng	# 84

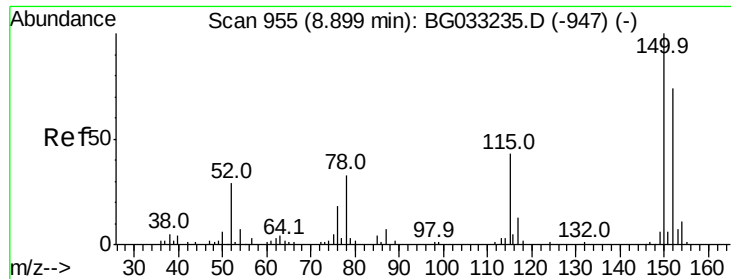
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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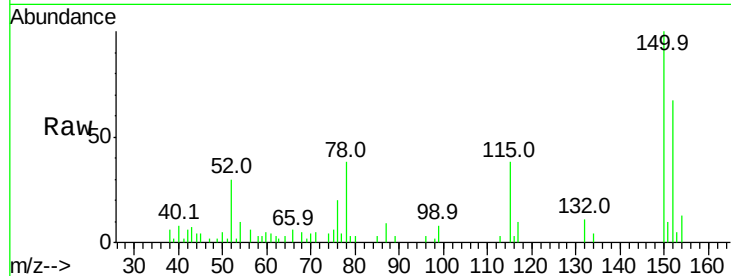


#1

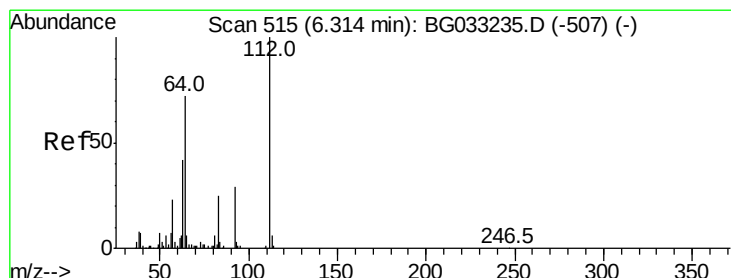
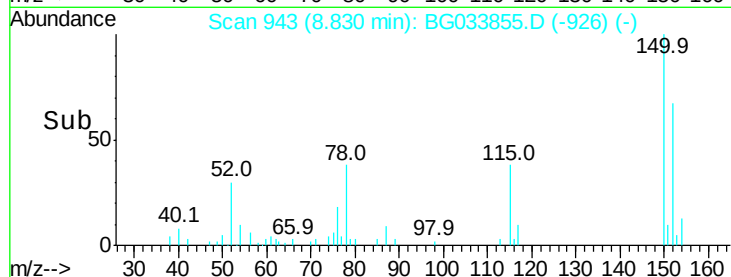
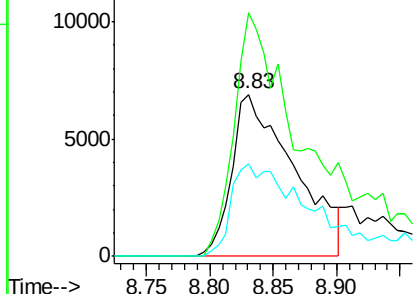
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG033855.D
Acq: 17 Apr 2018 21:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 23525
Ion Ratio Lower Upper
152 100
150 150.1 126.6 189.8
115 57.0 53.0 79.4



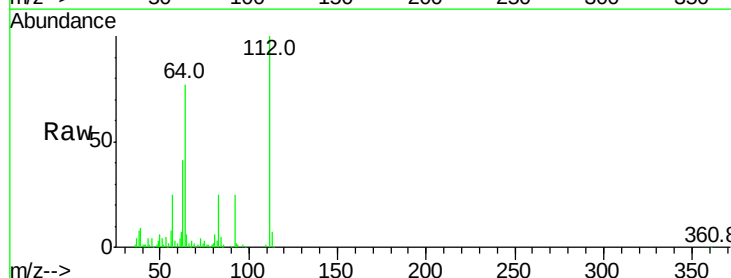
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



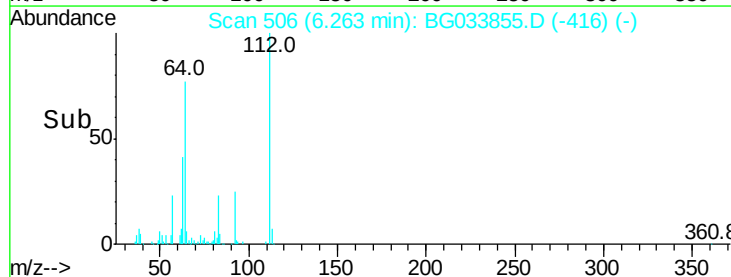
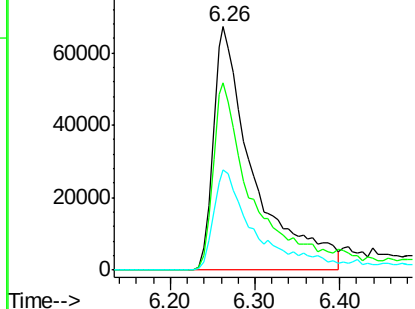
#5

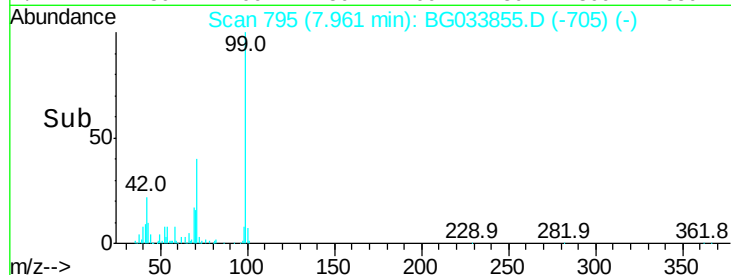
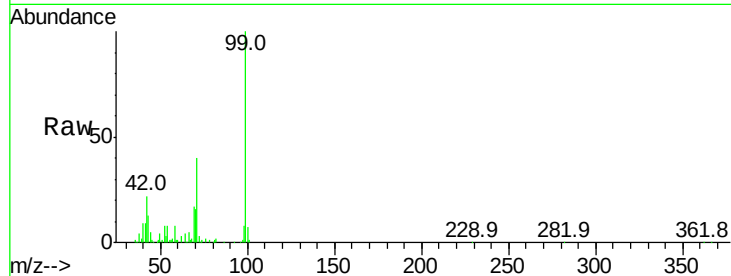
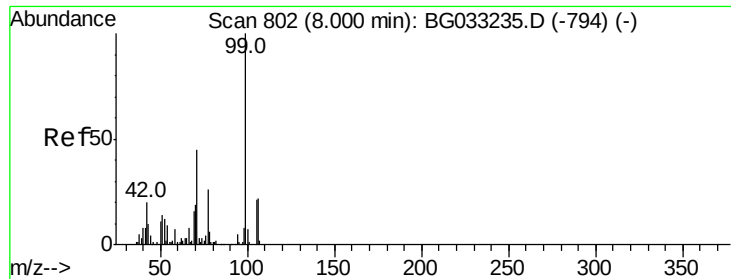
2-Fluorophenol
Concen: 177.533 ng
RT: 6.26 min Scan# 506
Delta R.T. -0.00 min
Lab File: BG033855.D
Acq: 17 Apr 2018 21:37

Tgt Ion:112 Resp: 222730
Ion Ratio Lower Upper
112 100
64 77.2 56.3 84.5
63 41.0 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: 154.832 ng

RT: 7.96 min Scan# 795

Delta R.T. -0.00 min

Lab File: BG033855.D

Acq: 17 Apr 2018 21:37

Instrument :

BNA_G

ClientSampleId :

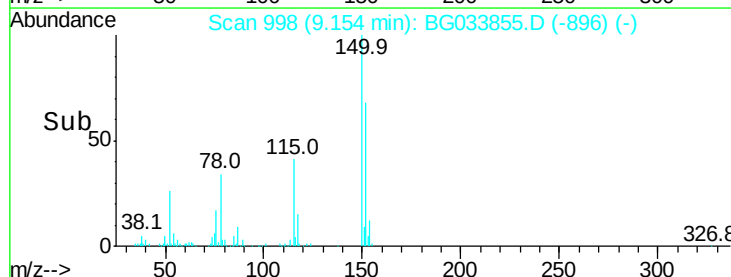
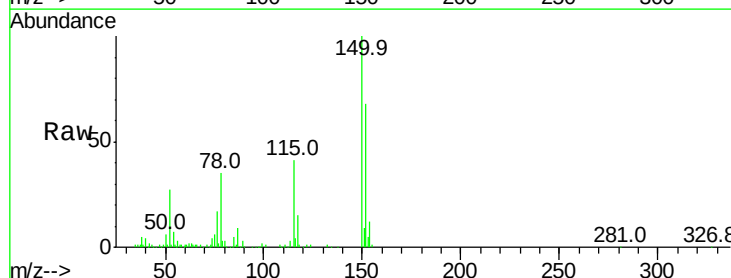
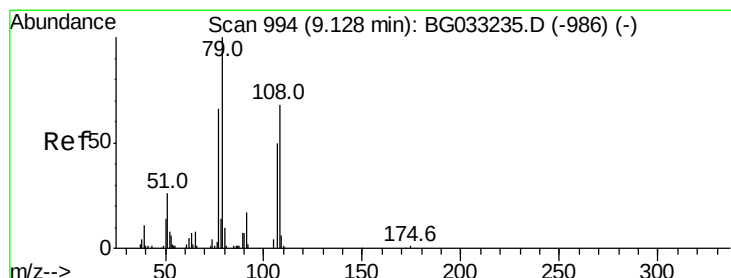
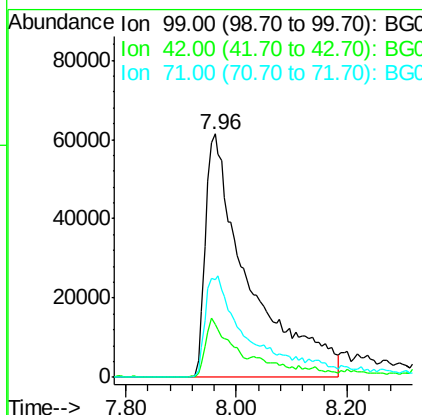
Tot Ion: 99 Resp: 333761

Ion Ratio Lower Upper

99 100

42 22.0 14.1 21.1#

71 40.2 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.879 ng

RT: 9.15 min Scan# 998

Delta R.T. 0.07 min

Lab File: BG033855.D

Acq: 17 Apr 2018 21:37

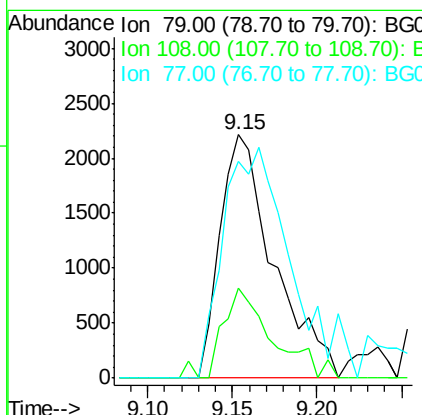
Tgt Ion: 79 Resp: 4886

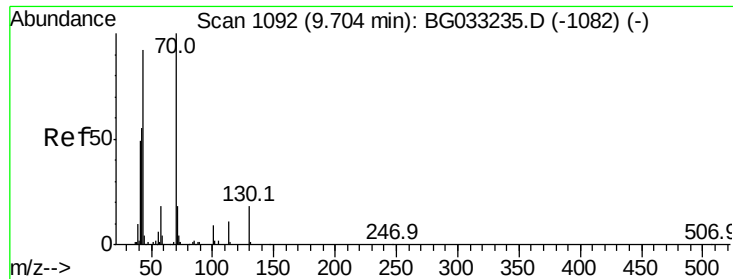
Ion Ratio Lower Upper

79 100

108 36.8 57.2 85.8#

77 89.1 46.1 69.1#

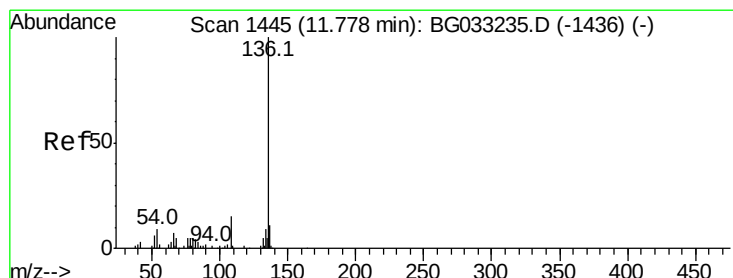
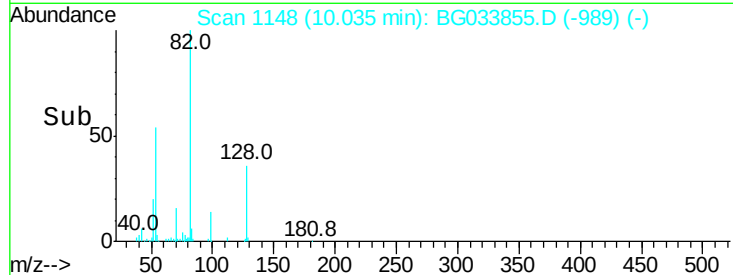
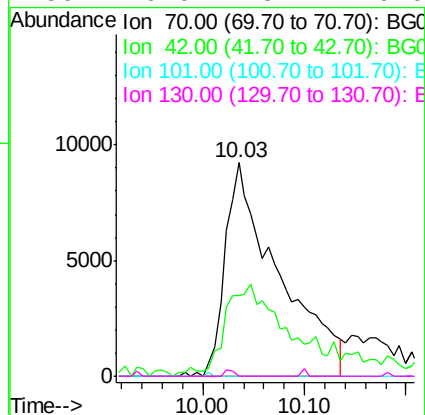
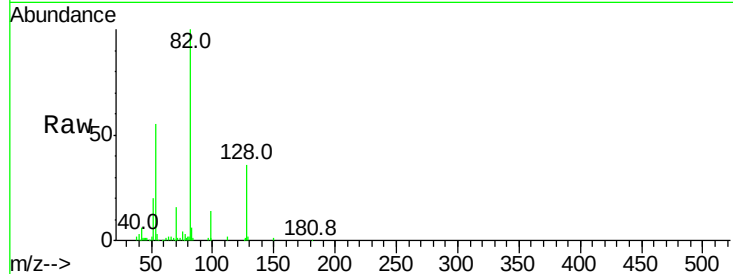




#19
n-Nitroso-di-n-propylamine
Concen: 21.305 ng
RT: 10.03 min Scan# 1148
Delta R.T. 0.40 min
Lab File: BG033855.D
Acq: 17 Apr 2018 21:37

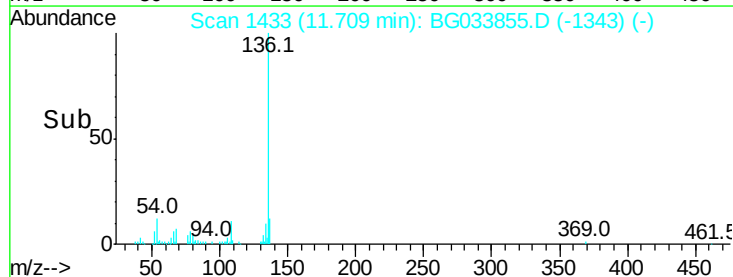
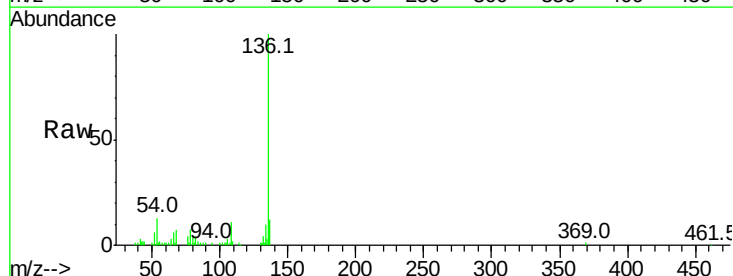
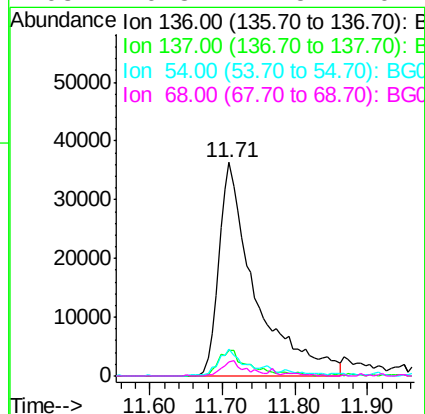
Instrument :
BNA_G
ClientSampleId :

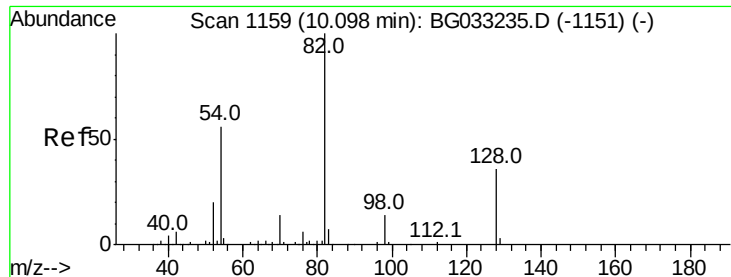
Tot Ion: 70 Resp: 33652
Ion Ratio Lower Upper
70 100
42 37.8 49.1 73.7#
101 0.0 8.5 12.7#
130 0.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.71 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BG033855.D
Acq: 17 Apr 2018 21:37

Tgt Ion: 136 Resp: 126606
Ion Ratio Lower Upper
136 100
137 12.2 9.2 13.8
54 12.7 10.3 15.5
68 6.8 4.5 6.7#

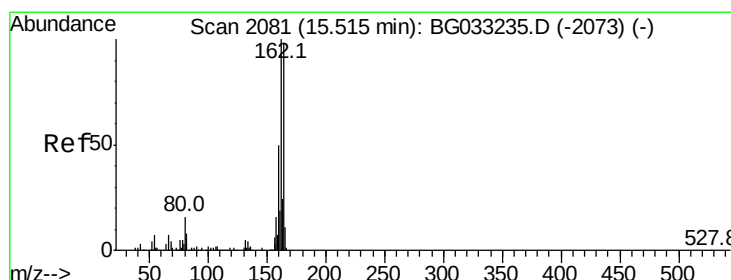
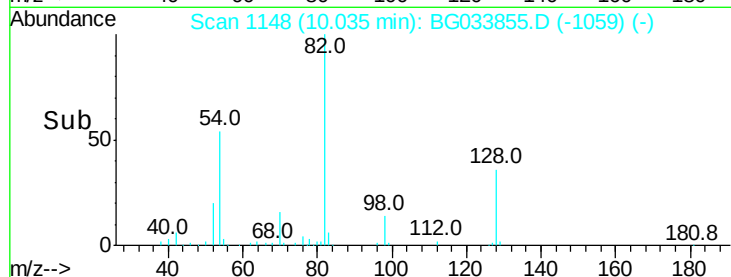
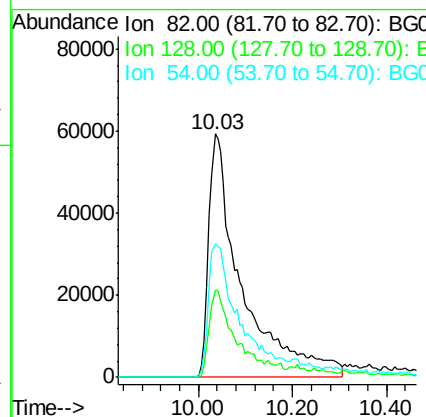
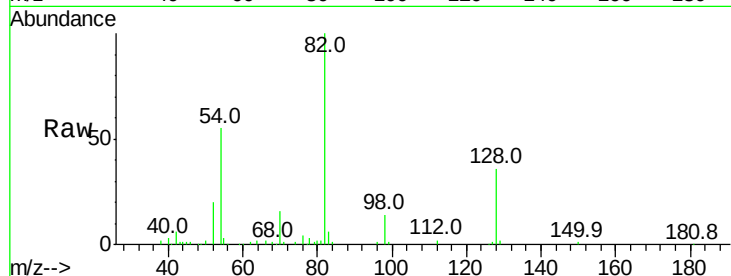




#23
 Nitrobenzene-d5
 Concen: 105.229 ng
 RT: 10.03 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BG033855.D
 Acq: 17 Apr 2018 21:37

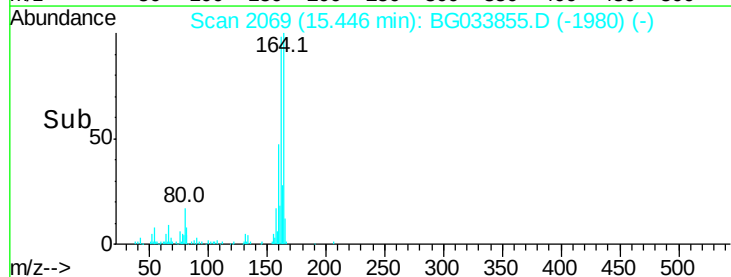
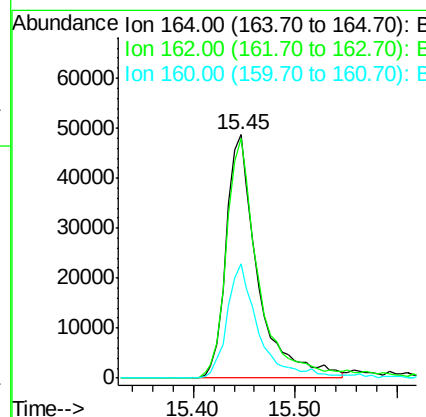
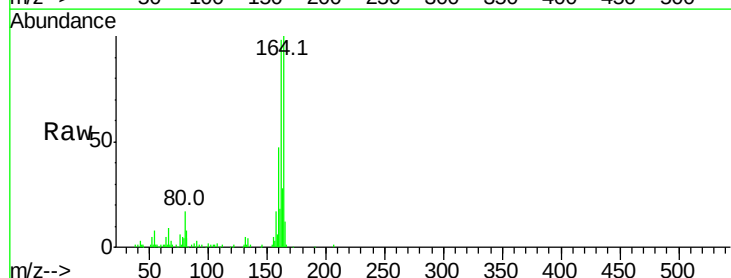
Instrument :
 BNA_G
 ClientSampleId :

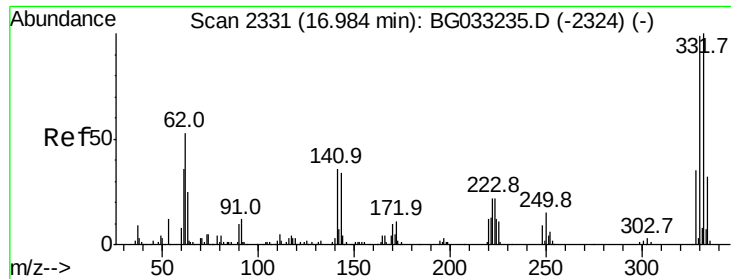
Tot Ion: 82 Resp: 289974
 Ion Ratio Lower Upper
 82 100
 128 35.9 29.7 44.5
 54 54.7 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: BG033855.D
 Acq: 17 Apr 2018 21:37

Tgt Ion: 164 Resp: 105324
 Ion Ratio Lower Upper
 164 100
 162 98.3 78.8 118.2
 160 47.0 35.4 53.0

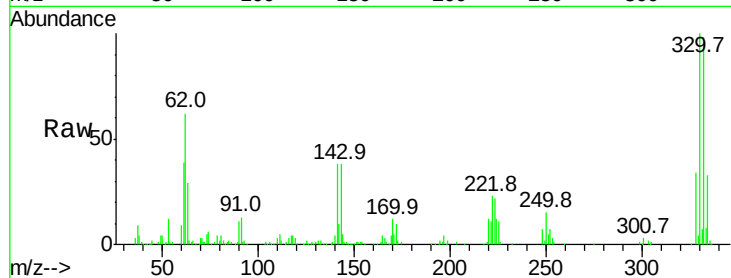




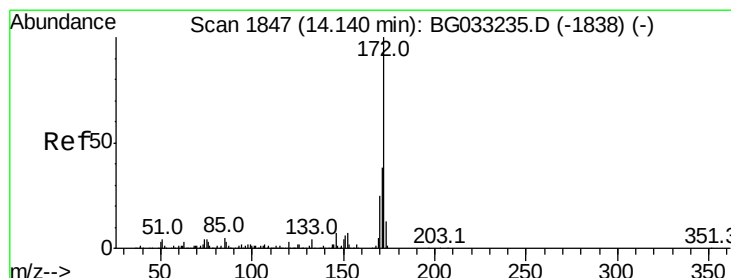
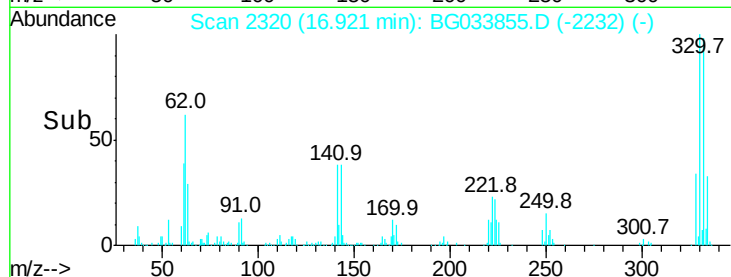
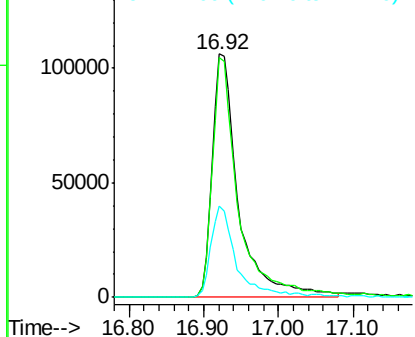
#41
 2,4,6-Tribromophenol
 Concen: 164.975 ng
 RT: 16.92 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG033855.D
 Acq: 17 Apr 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	36.1	25.2	37.8

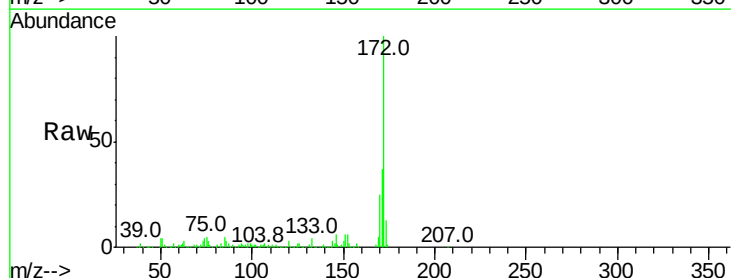


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

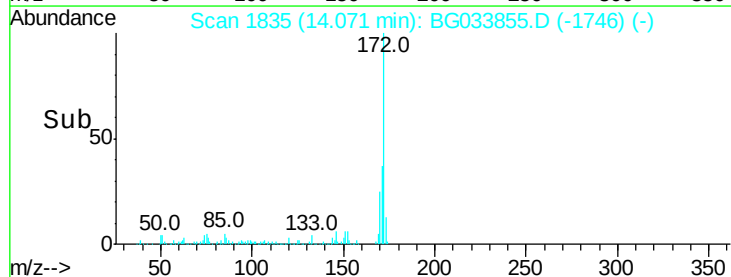
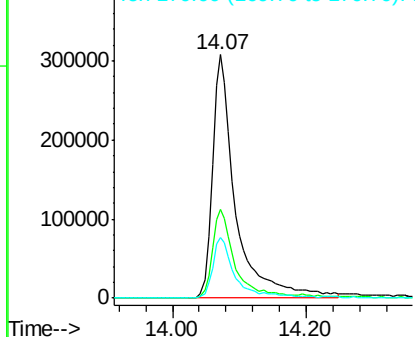


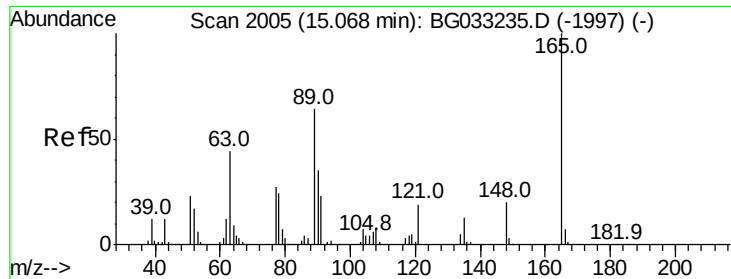
#44
 2-Fluorobiphenyl
 Concen: 102.460 ng
 RT: 14.07 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG033855.D
 Acq: 17 Apr 2018 21:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	25.1	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

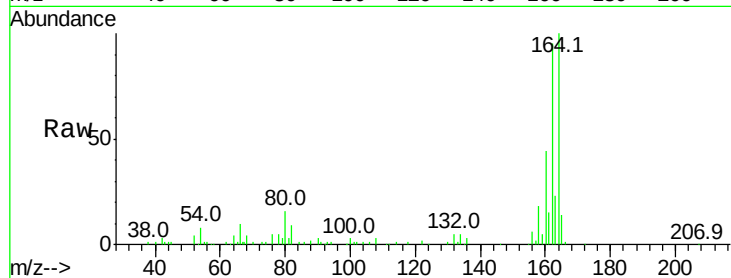




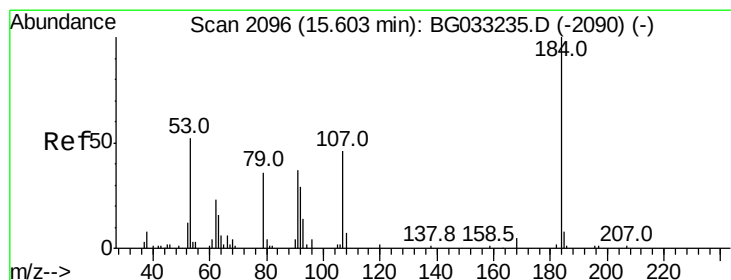
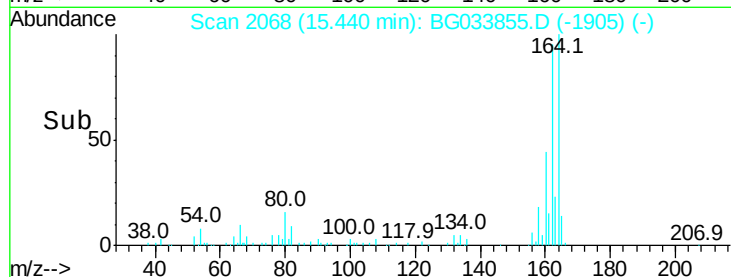
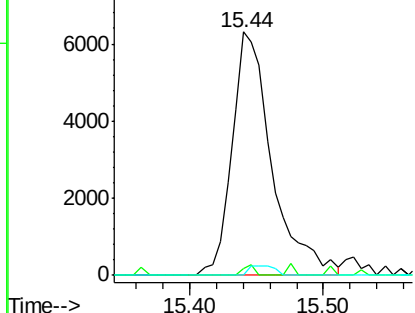
#50
 2,6-Dinitrotoluene
 Concen: 6.996 ng
 RT: 15.44 min Scan# 2068
 Delta R.T. 0.43 min
 Lab File: BG033855.D
 Acq: 17 Apr 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 13112
 Ion Ratio Lower Upper
 165 100
 63 2.6 52.7 79.1#
 89 0.0 49.2 73.8#

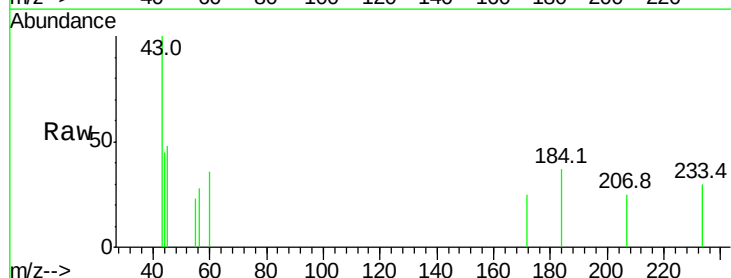


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

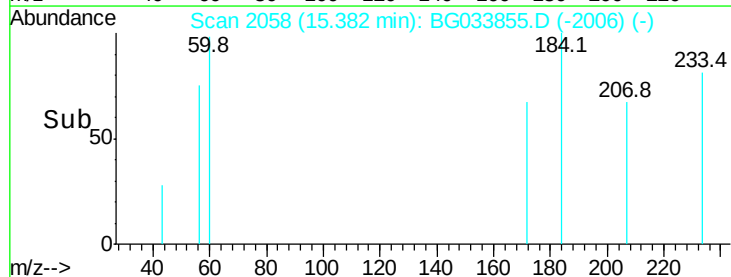
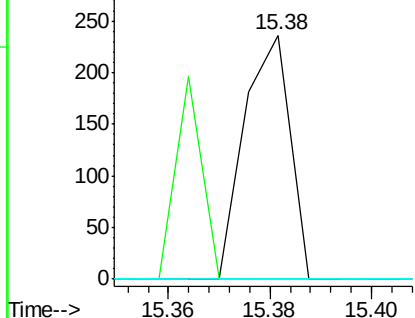


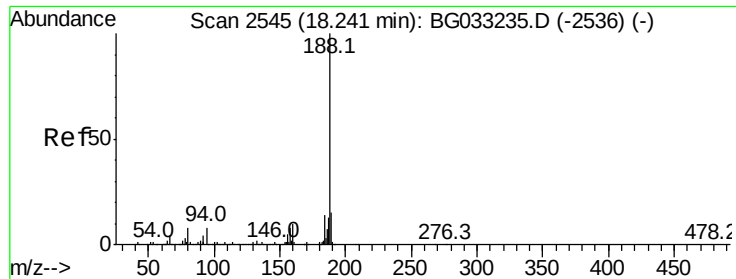
#53
 2,4-Dinitrophenol
 Concen: 7.780 ng
 RT: 15.38 min Scan# 2058
 Delta R.T. -0.22 min
 Lab File: BG033855.D
 Acq: 17 Apr 2018 21:37

Tgt Ion:184 Resp: 147
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.18 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BG033855.D

Acq: 17 Apr 2018 21:37

Instrument :

BNA_G

ClientSampleId :

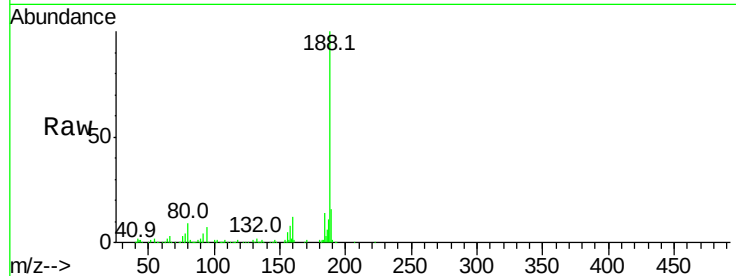
Tot Ion:188 Resp: 312162

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3#

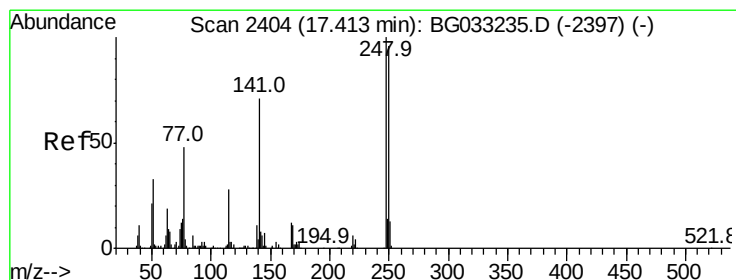
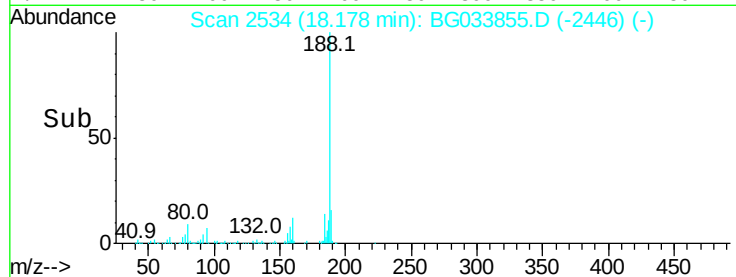
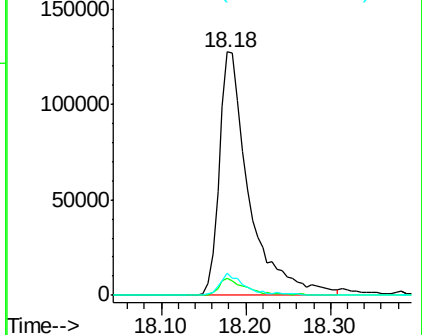
80 8.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#66

4-Bromophenyl-phenylether

Concen: 5.089 ng

RT: 16.93 min Scan# 2321

Delta R.T. -0.43 min

Lab File: BG033855.D

Acq: 17 Apr 2018 21:37

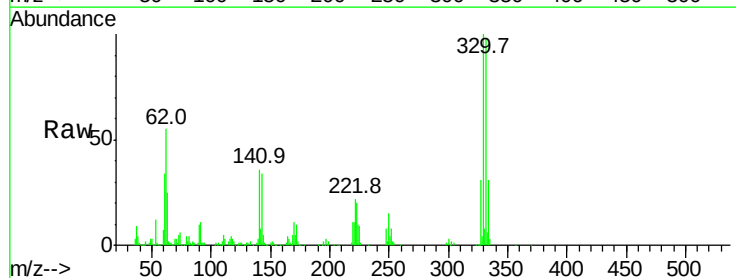
Tgt Ion:248 Resp: 18655

Ion Ratio Lower Upper

248 100

250 192.0 77.1 115.7#

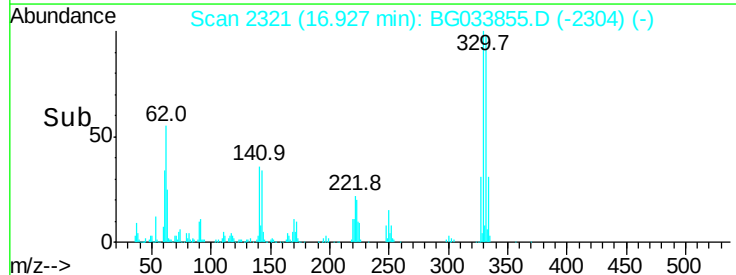
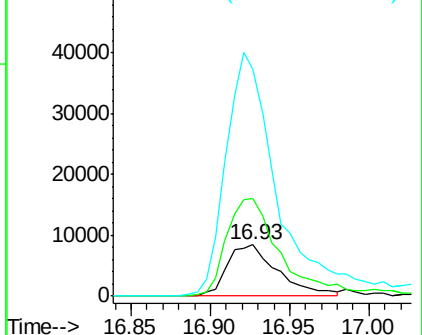
141 445.7 50.8 76.2#

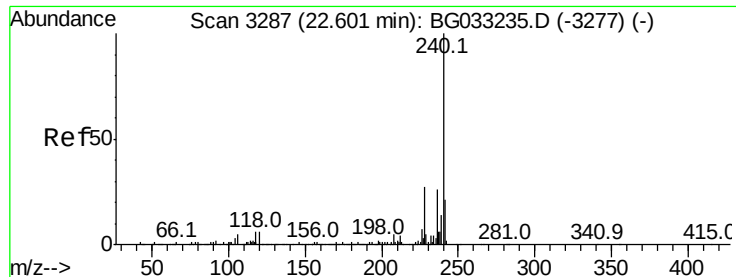


Abundance Ion 248.00 (247.70 to 248.70): E

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: 22.52 min Scan# 3273

Delta R.T. -0.02 min

Lab File: BG033855.D

Acq: 17 Apr 2018 21:37

Instrument :

BNA_G

ClientSampleId :

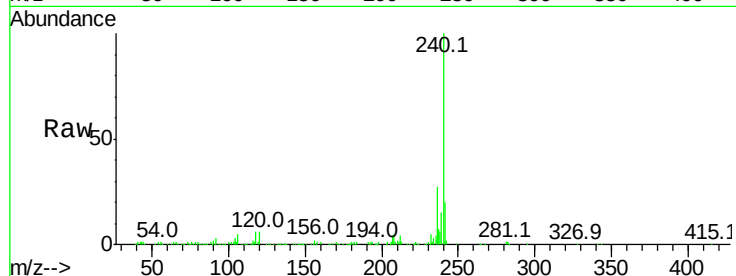
Tot Ion:240 Resp: 312605

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

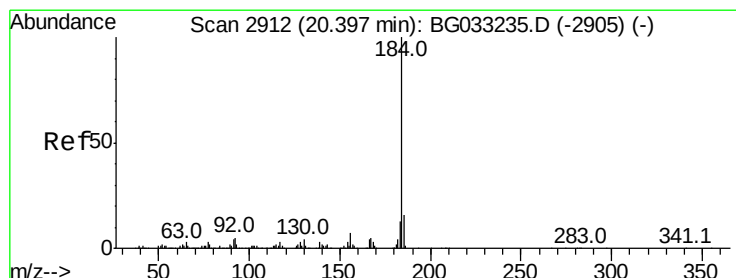
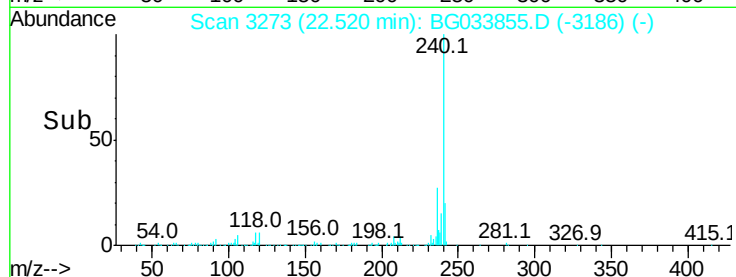
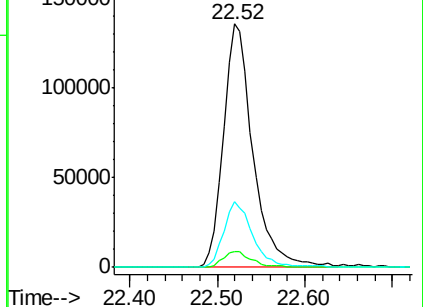
236 26.8 20.9 31.3



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: 2.939 ng

RT: 20.70 min Scan# 2964

Delta R.T. 0.33 min

Lab File: BG033855.D

Acq: 17 Apr 2018 21:37

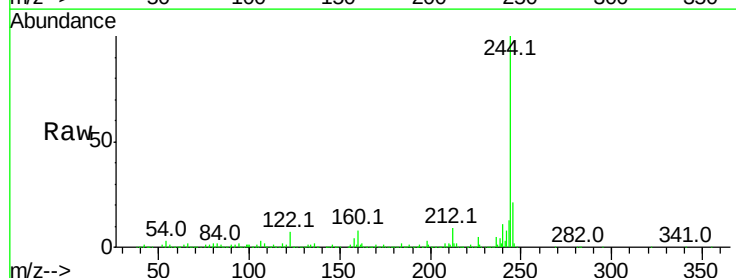
Tgt Ion:184 Resp: 24914

Ion Ratio Lower Upper

184 100

185 21.0 11.1 16.7#

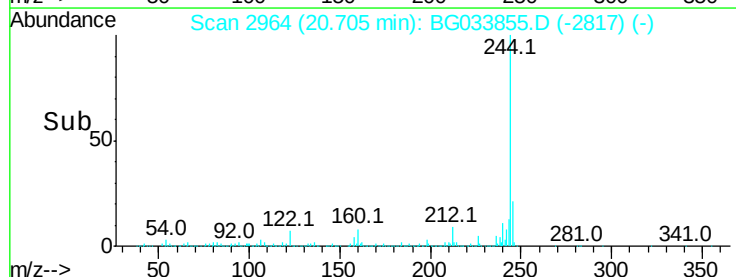
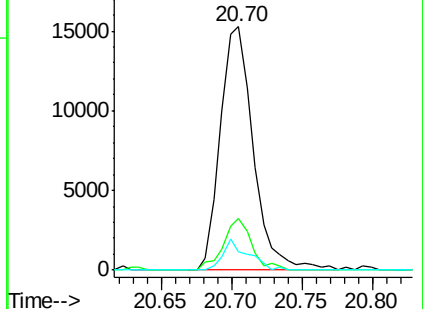
183 7.3 10.6 16.0#

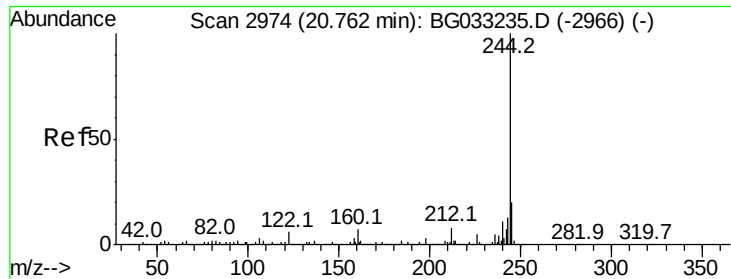


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 105.228 ng

RT: 20.70 min Scan# 2964

Delta R.T. -0.01 min

Lab File: BG033855.D

Acq: 17 Apr 2018 21:37

Instrument :

BNA_G

ClientSampleId :

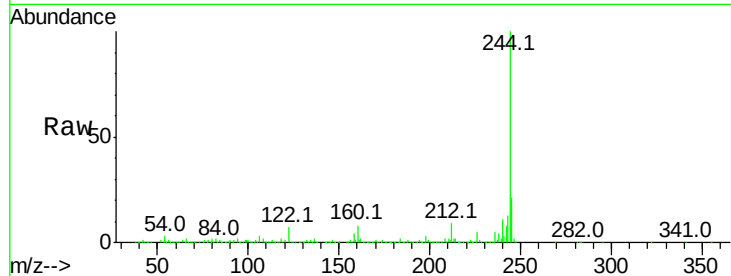
Tot Ion:244 Resp: 1538145

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

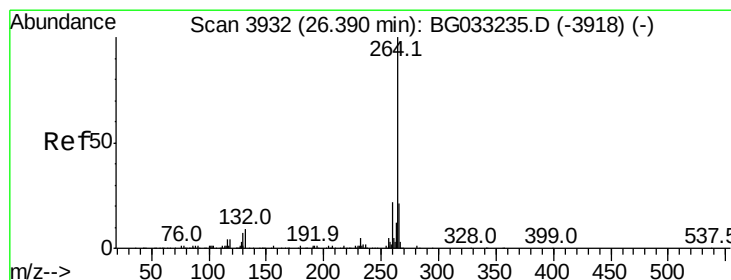
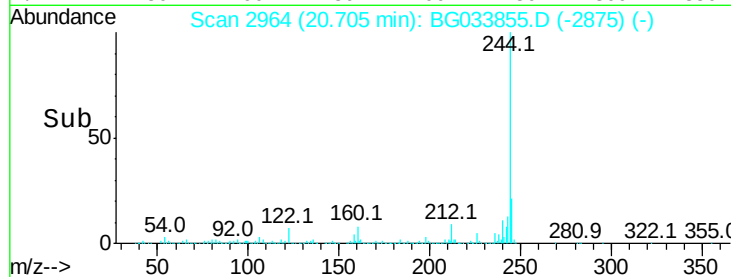
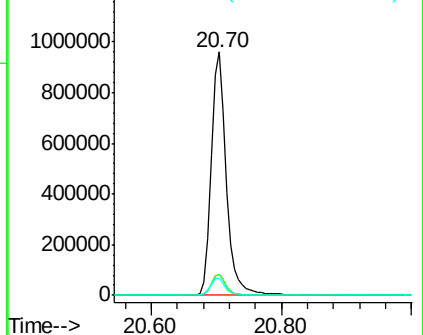
122 6.9 7.0 10.4#



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: 26.26 min Scan# 3910

Delta R.T. -0.05 min

Lab File: BG033855.D

Acq: 17 Apr 2018 21:37

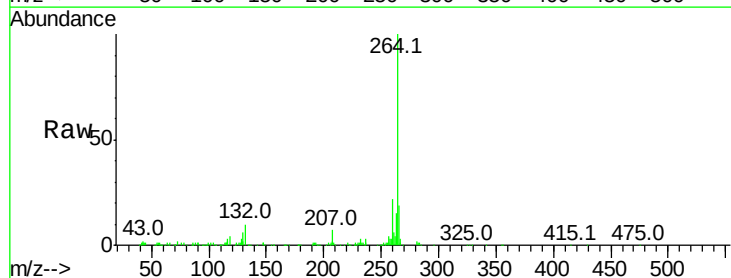
Tgt Ion:264 Resp: 306069

Ion Ratio Lower Upper

264 100

260 22.0 17.4 26.0

265 19.0 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

