

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041718\
 Data File : BG033856.D
 Acq On : 17 Apr 2018 22:14
 Operator : SJ/JU
 Sample : J2390-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 18 04:04:57 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

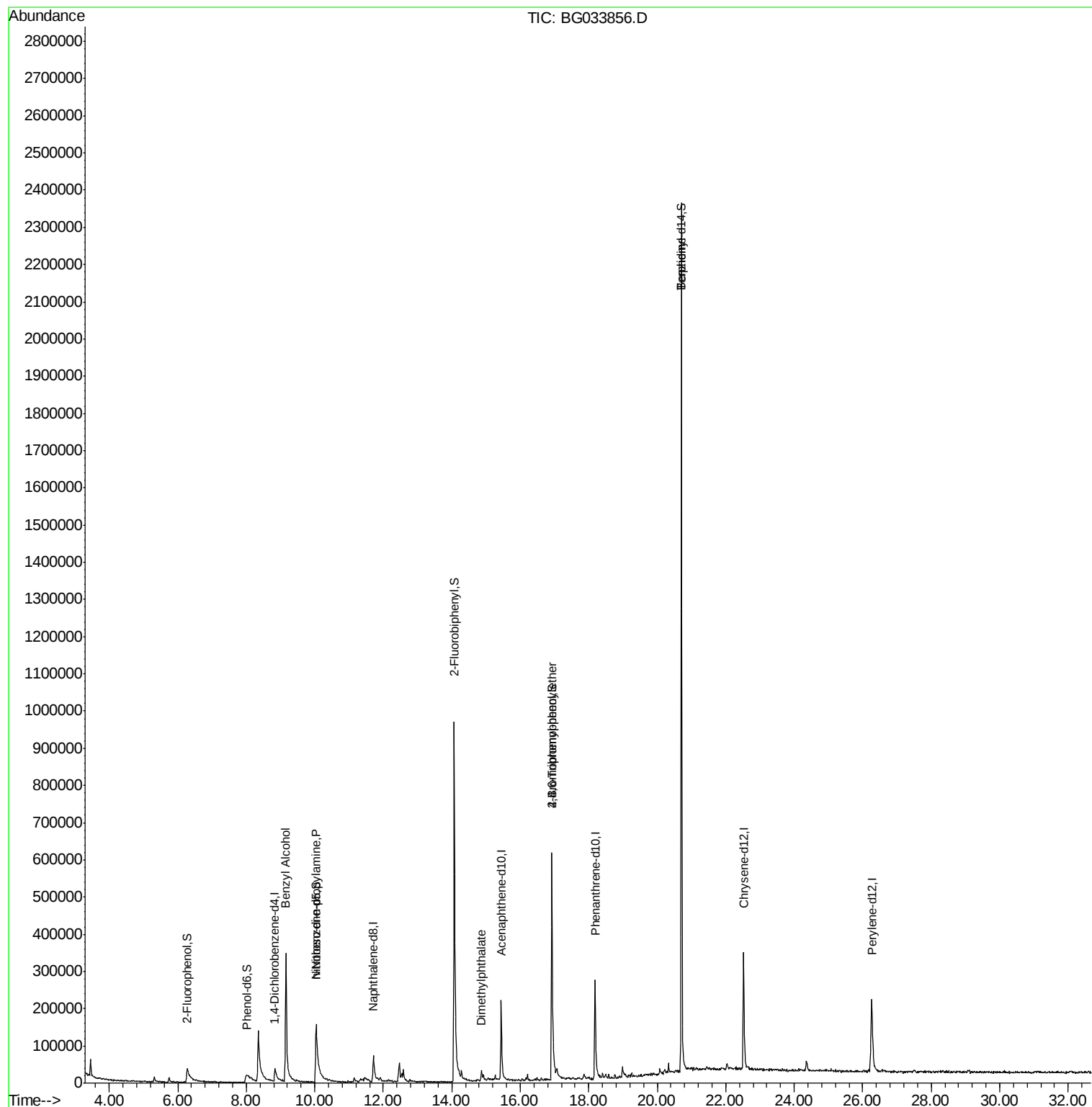
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	20967	20.00	ng	0.00
21) Naphthalene-d8	11.71	136	100424	20.00	ng	0.00
38) Acenaphthene-d10	15.44	164	98267	20.00	ng	0.00
63) Phenanthrene-d10	18.18	188	283091	20.00	ng	0.00
75) Chrysene-d12	22.52	240	283602	20.00	ng	-0.02
86) Perylene-d12	26.25	264	292450	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.27	112	42859	38.33	ng	0.00
7) Phenol-d6	8.01	99	23750	12.36	ng	0.05
23) Nitrobenzene-d5	10.04	82	234539	107.30	ng	0.00
41) 2,4,6-Tribromophenol	16.92	330	178090	121.17	ng	0.00
44) 2-Fluorobiphenyl	14.07	172	791705	116.31	ng	0.00
78) Terphenyl-d14	20.70	244	1358889	102.47	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.15	79	5077	3.356	ng	# 50
19) n-Nitroso-di-n-propylamine	10.04	70	25329	17.992	ng	# 81
49) Dimethylphthalate	14.87	163	29353	3.432	ng	# 94
66) 4-Bromophenyl-phenylether	16.92	248	13622	4.097	ng	# 1
76) Benzidine	20.70	184	22274	2.896	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: 8.83 min Scan# 944

Delta R.T. 0.00 min

Lab File: BG033856.D

Acq: 17 Apr 2018 22:14

Instrument :

BNA_G

ClientSampled :

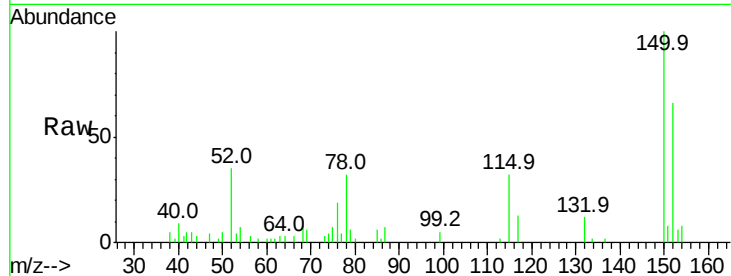
Tot Ion:152 Resp: 20967

Ion Ratio Lower Upper

152 100

150 163.8 126.6 189.8

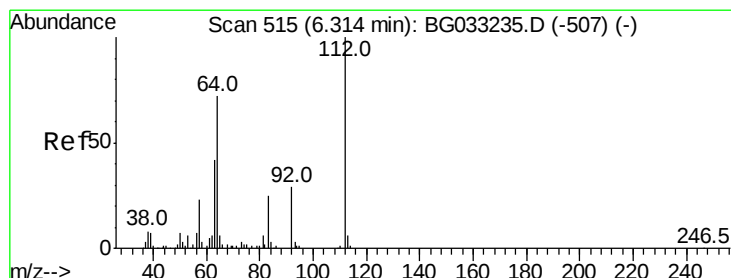
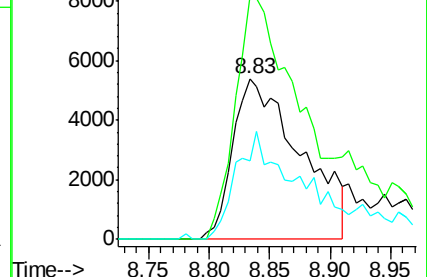
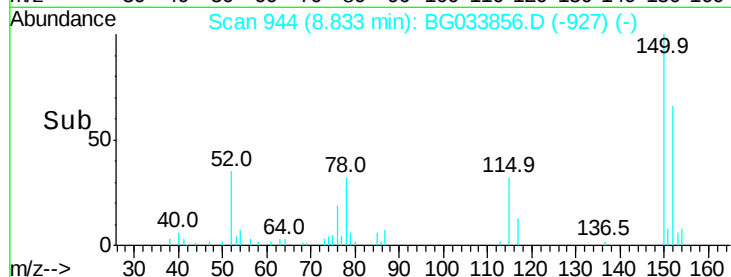
115 49.0 53.0 79.4#



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: 38.330 ng

RT: 6.27 min Scan# 508

Delta R.T. 0.01 min

Lab File: BG033856.D

Acq: 17 Apr 2018 22:14

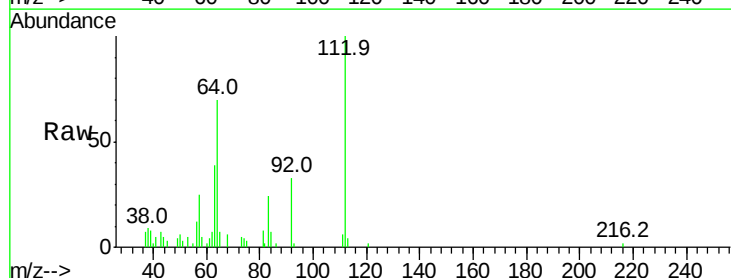
Tgt Ion:112 Resp: 42859

Ion Ratio Lower Upper

112 100

64 70.2 56.3 84.5

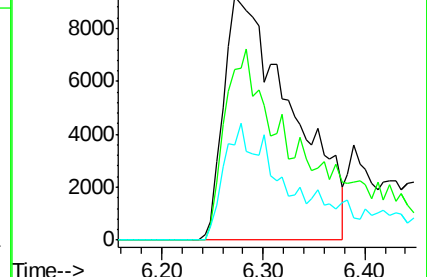
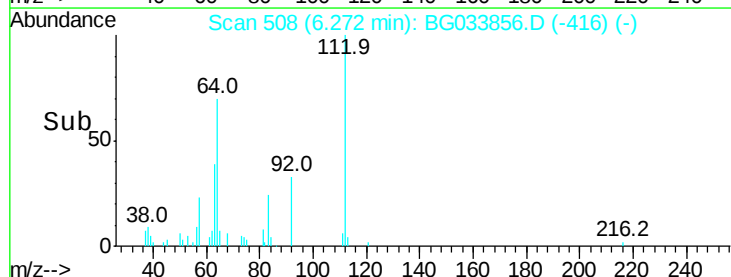
63 39.2 30.1 45.1

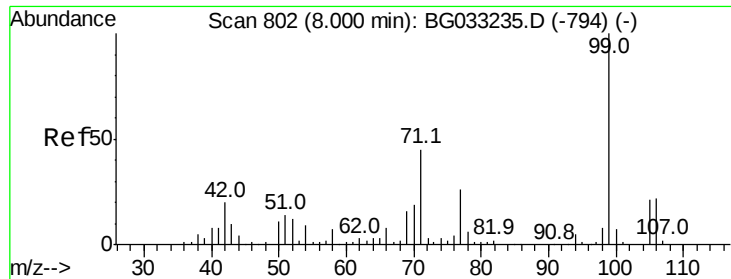


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 12.362 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.05 min

Lab File: BG033856.D

Acq: 17 Apr 2018 22:14

Instrument :

BNA_G

ClientSampleId :

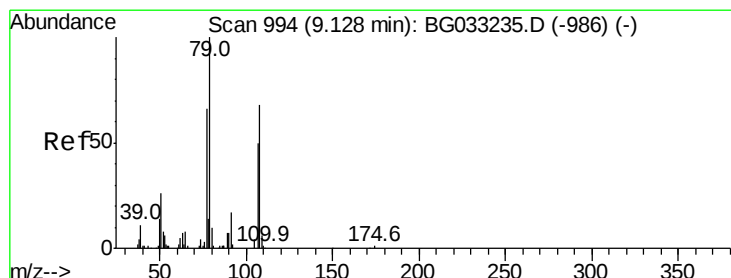
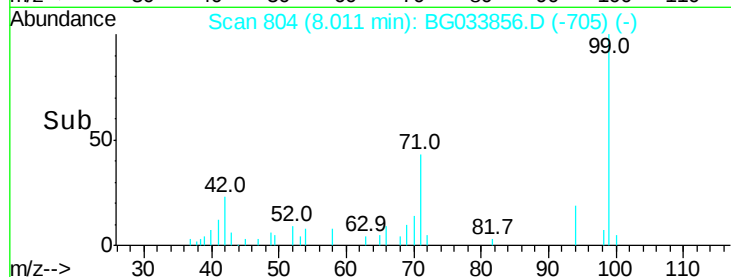
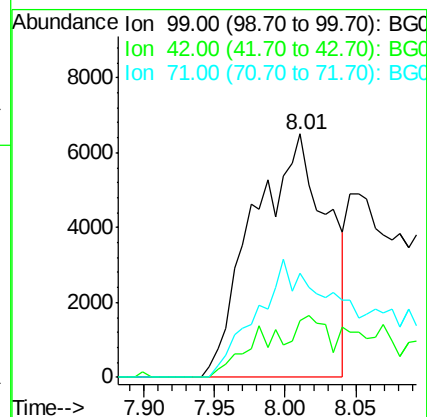
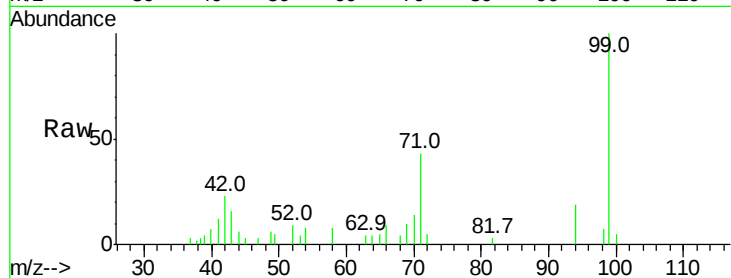
Tot Ion: 99 Resp: 23750

Ion Ratio Lower Upper

99 100

42 23.1 14.1 21.1#

71 42.6 26.1 39.1#



#15

Benzyl Alcohol

Concen: 3.356 ng

RT: 9.15 min Scan# 998

Delta R.T. 0.07 min

Lab File: BG033856.D

Acq: 17 Apr 2018 22:14

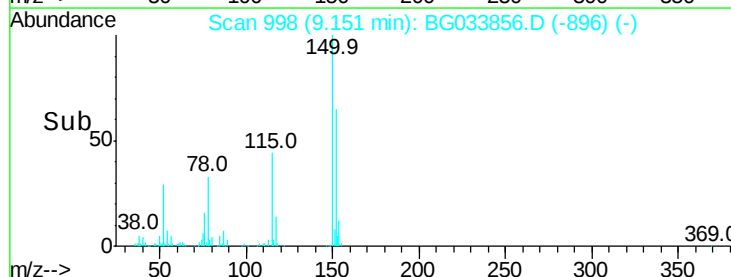
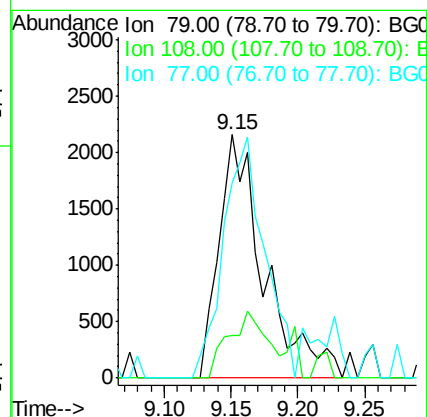
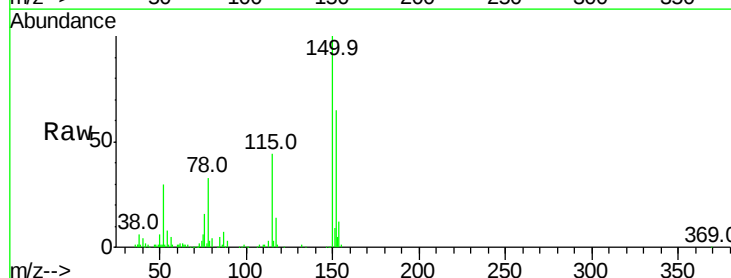
Tgt Ion: 79 Resp: 5077

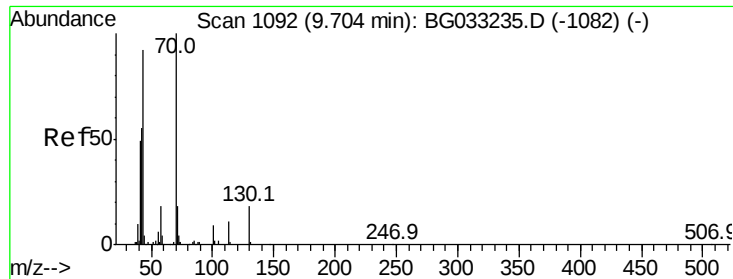
Ion Ratio Lower Upper

79 100

108 17.4 57.2 85.8#

77 80.2 46.1 69.1#

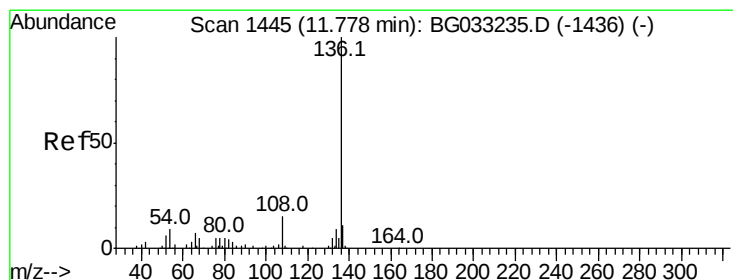
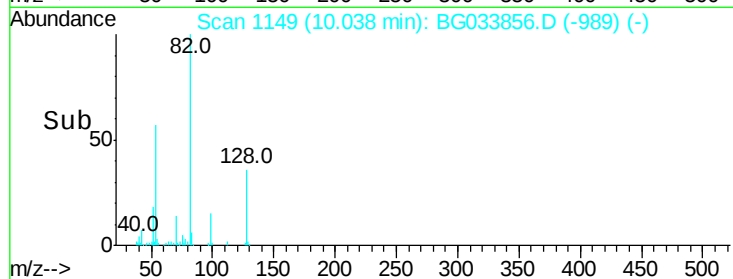
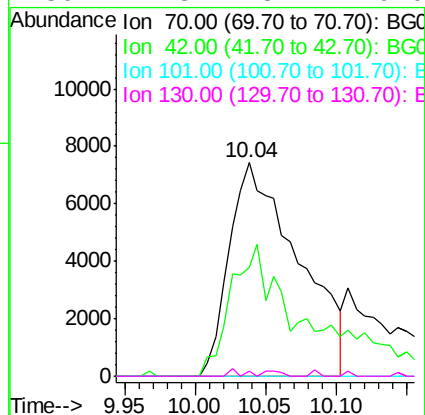
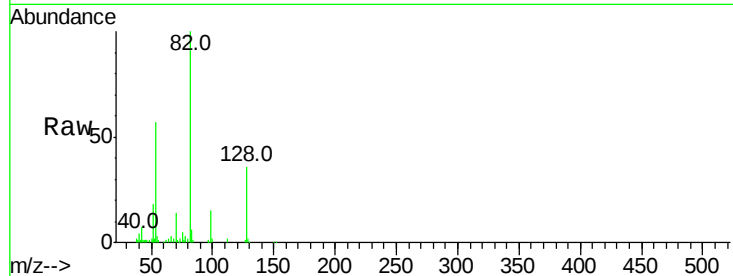




#19
n-Nitroso-di-n-propylamine
Concen: 17.992 ng
RT: 10.04 min Scan# 1149
Delta R.T. 0.41 min
Lab File: BG033856.D
Acq: 17 Apr 2018 22:14

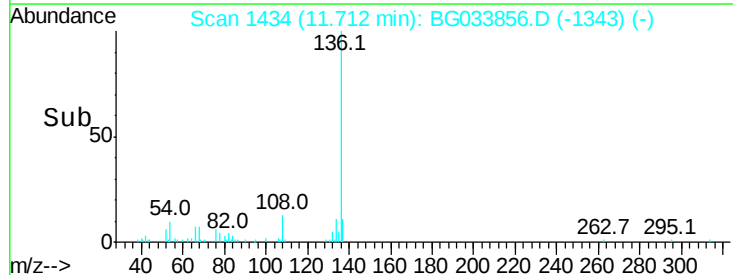
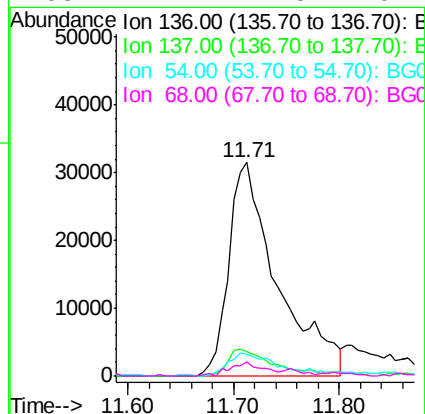
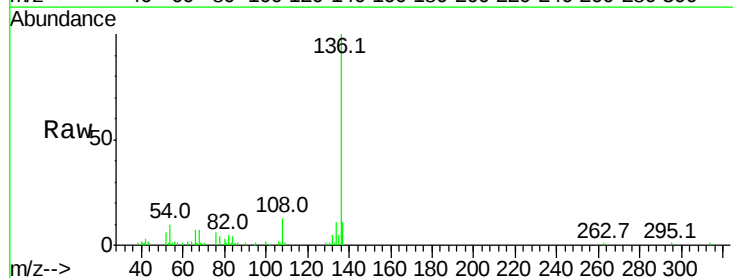
Instrument :
BNA_G
ClientSampleId :

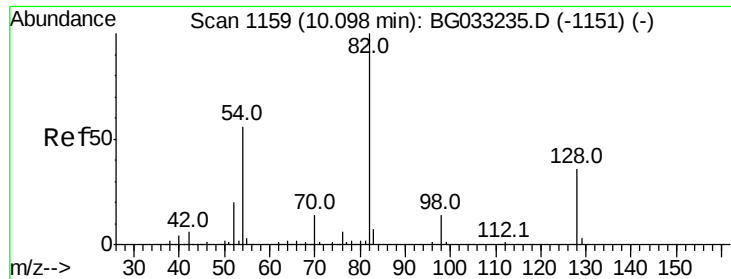
Tot Ion:	70	Resp:	25329
Ion	Ratio	Lower	Upper
70	100		
42	51.1	49.1	73.7
101	0.0	8.5	12.7#
130	2.3	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.71 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BG033856.D
Acq: 17 Apr 2018 22:14

Tgt Ion:	136	Resp:	100424
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	10.4	10.3	15.5
68	7.4	4.5	6.7#

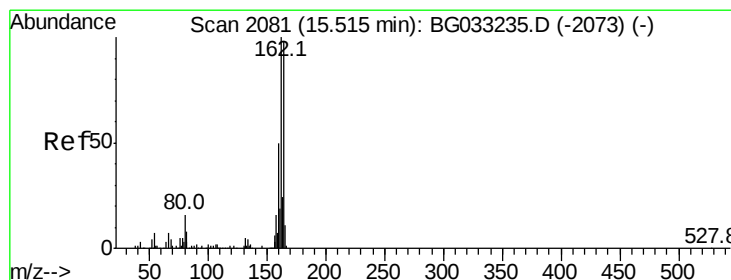
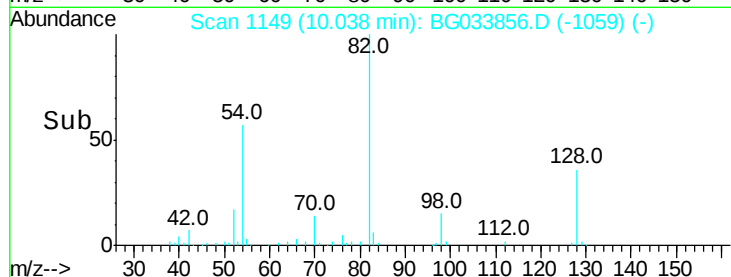
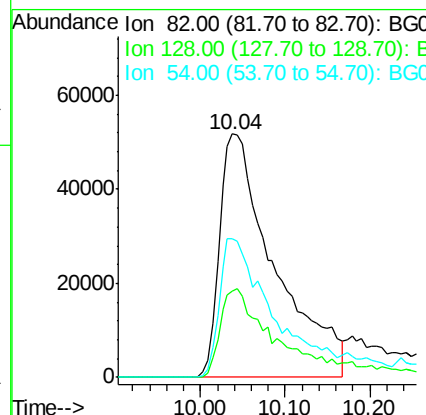
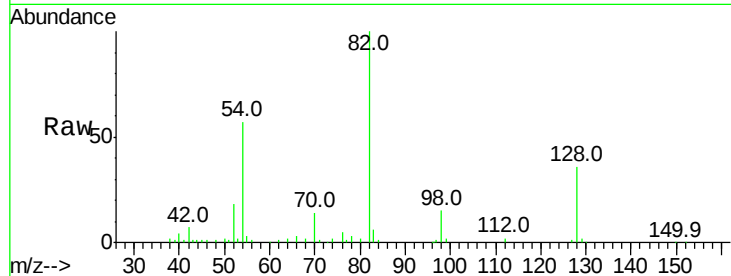




#23
 Nitrobenzene-d5
 Concen: 107.302 ng
 RT: 10.04 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BG033856.D
 Acq: 17 Apr 2018 22:14

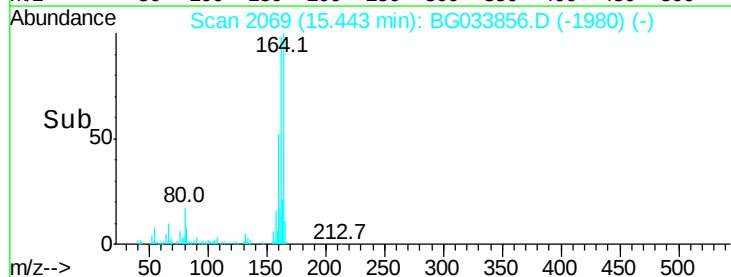
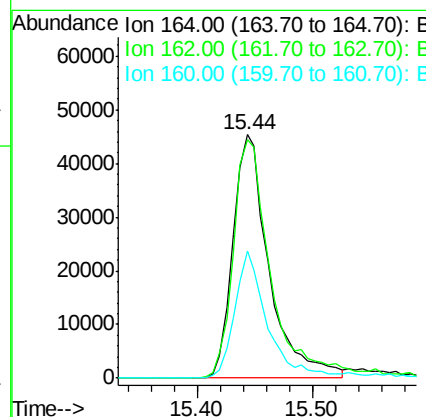
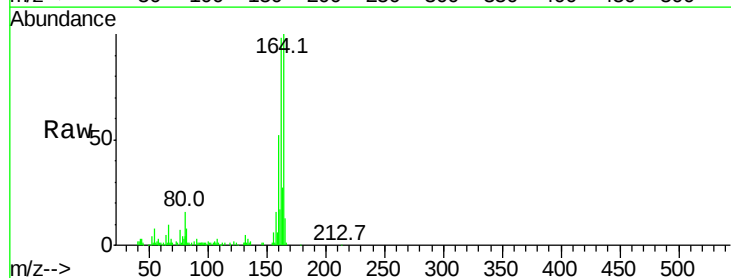
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 234539
 Ion Ratio Lower Upper
 82 100
 128 35.6 29.7 44.5
 54 57.0 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: BG033856.D
 Acq: 17 Apr 2018 22:14

Tgt Ion:164 Resp: 98267
 Ion Ratio Lower Upper
 164 100
 162 97.8 78.8 118.2
 160 52.0 35.4 53.0

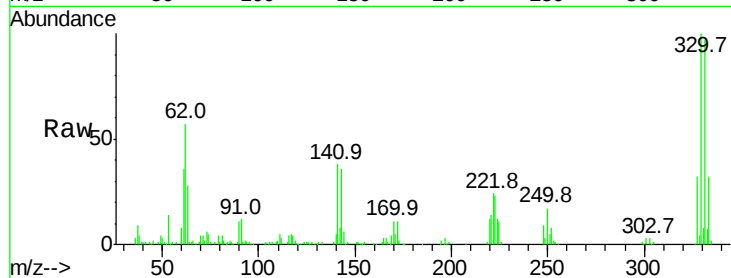




#41
 2,4,6-Tribromophenol
 Concen: 121.175 ng
 RT: 16.92 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG033856.D
 Acq: 17 Apr 2018 22:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	330	332	141	Ratio	Lower	Upper
Resp:	178090					
Ion	100	93.2	37.1			
Ratio						
Lower		77.0	25.2			
Upper		115.6	37.8			

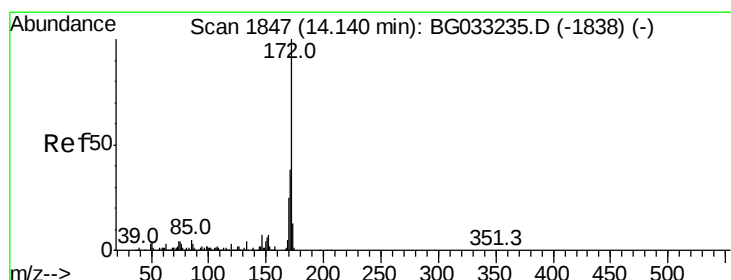
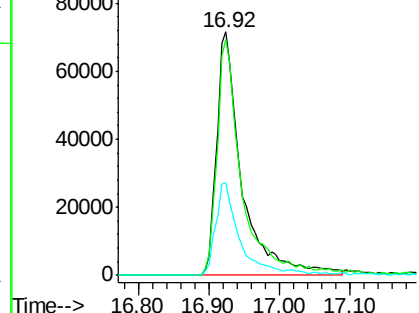
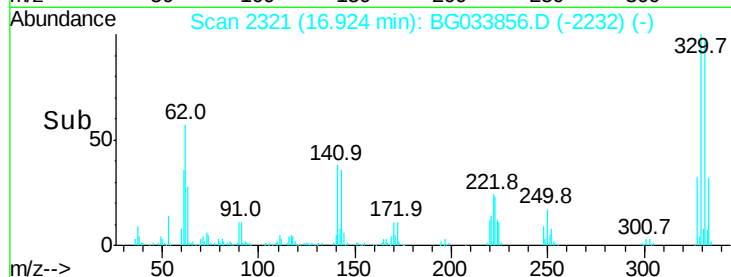


Abundance

Ion 329.80 (329.50 to 330.50): E

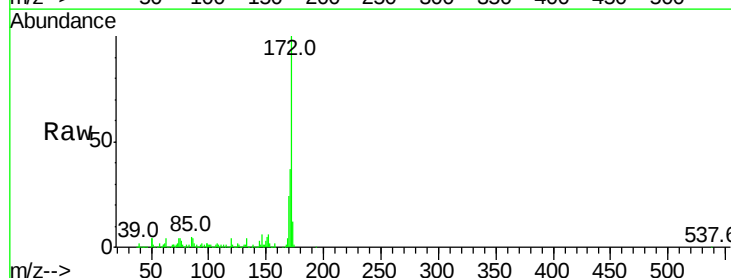
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 116.309 ng
 RT: 14.07 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG033856.D
 Acq: 17 Apr 2018 22:14

Tgt Ion	172	171	170	Ratio	Lower	Upper
Resp:	791705					
Ion	100	36.5	24.4			
Ratio						
Lower		30.0	19.5			
Upper		45.0	29.3			

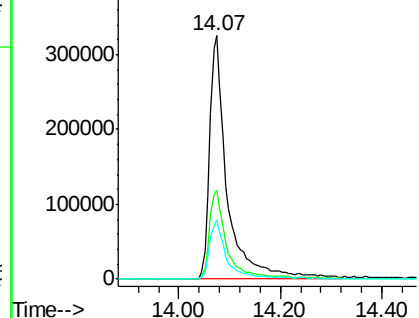
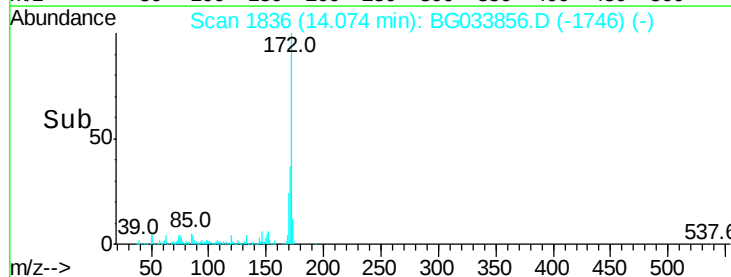


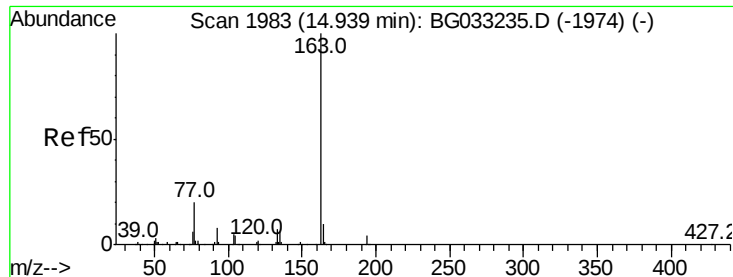
Abundance

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

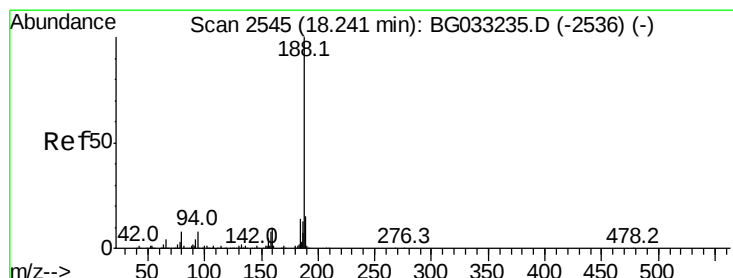
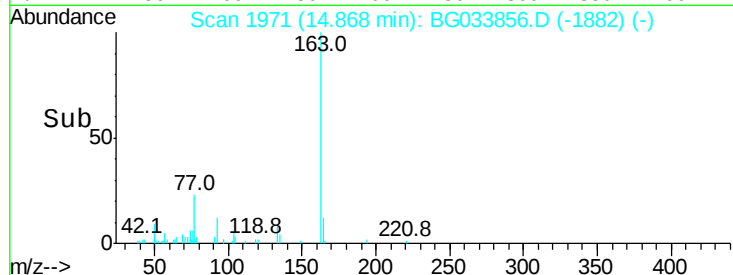
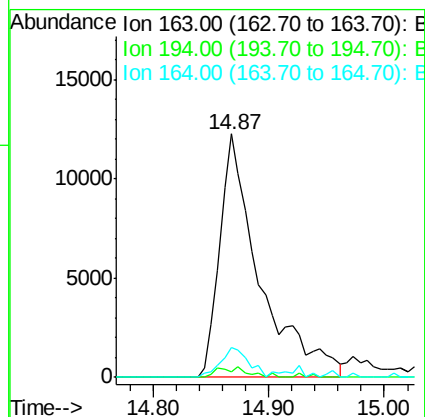
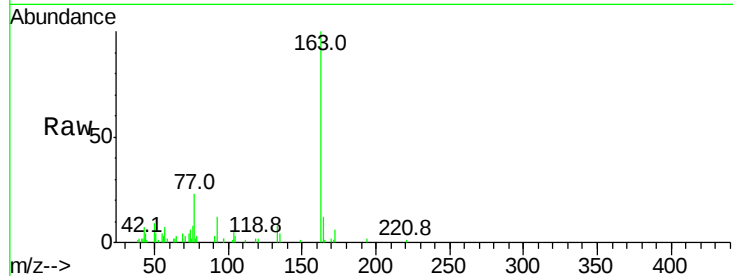




#49
Dimethylphthalate
Concen: 3.432 ng
RT: 14.87 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BG033856.D
Acq: 17 Apr 2018 22:14

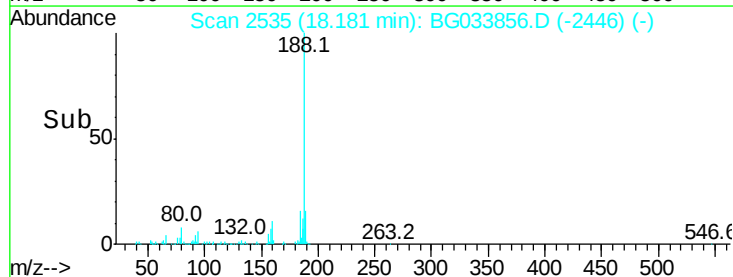
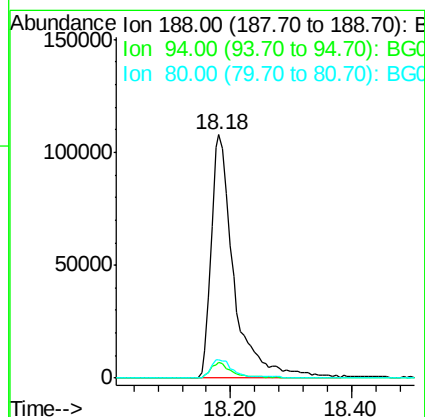
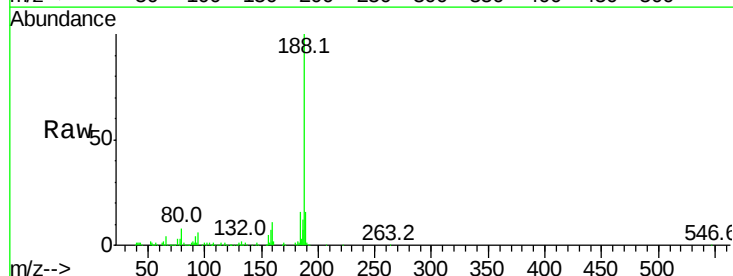
Instrument :
BNA_G
ClientSampleId :

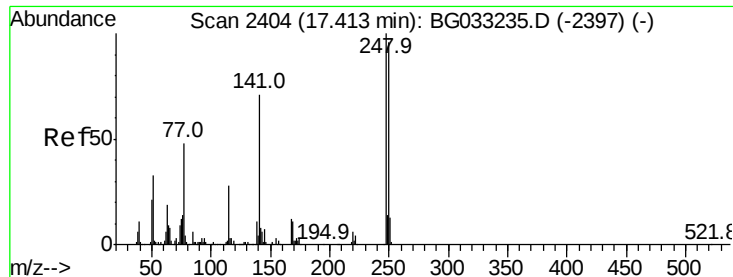
Tot Ion	Ratio	Lower	Upper
163	100		
194	2.2	3.4	5.2#
164	12.2	8.2	12.4



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.18 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BG033856.D
Acq: 17 Apr 2018 22:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	7.6	7.7	11.5#

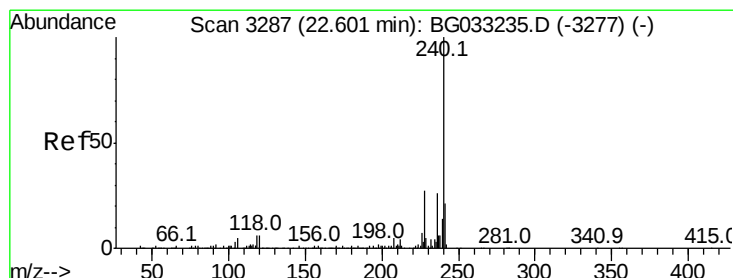
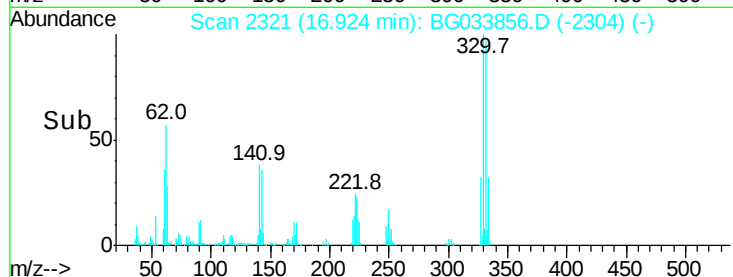
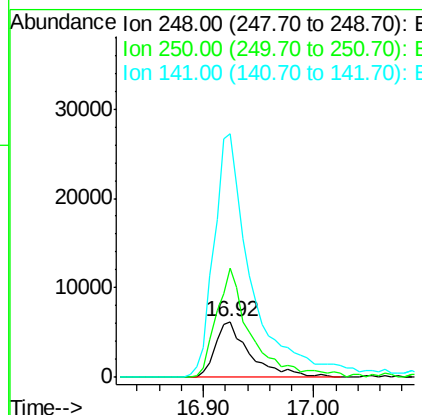
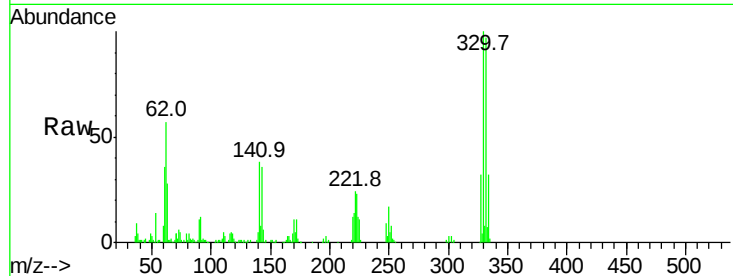




#66
4-Bromophenyl-phenylether
Concen: 4.097 ng
RT: 16.92 min Scan# 2321
Delta R.T. -0.43 min
Lab File: BG033856.D
Acq: 17 Apr 2018 22:14

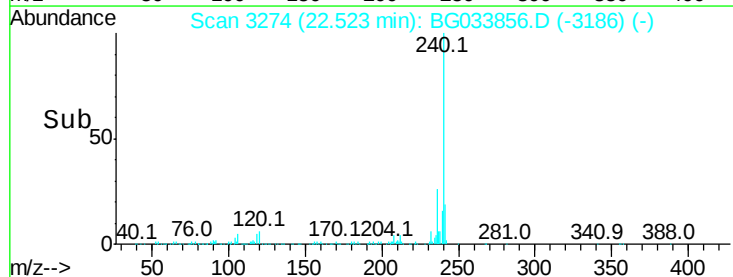
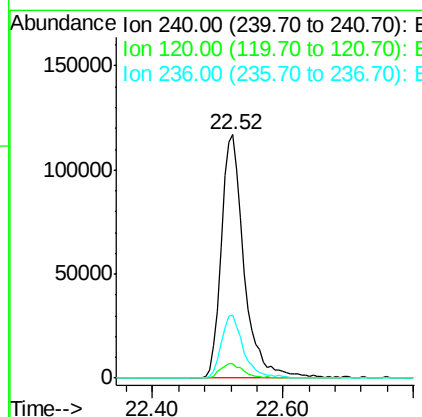
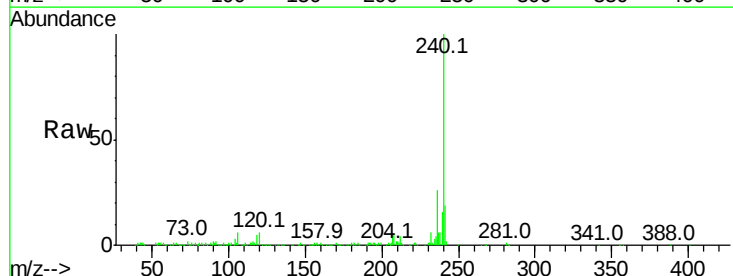
Instrument :
BNA_G
ClientSampleId :

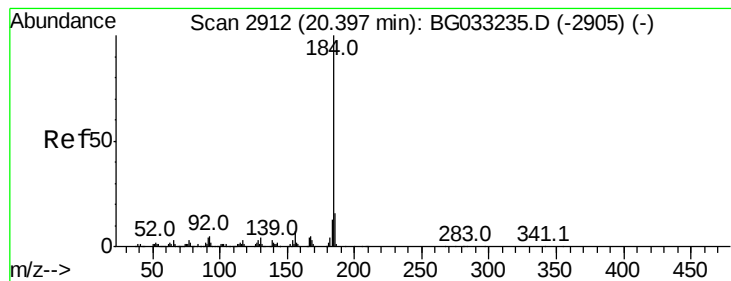
Tot Ion:248 Resp: 13622
Ion Ratio Lower Upper
248 100
250 195.9 77.1 115.7#
141 436.6 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.52 min Scan# 3274
Delta R.T. -0.02 min
Lab File: BG033856.D
Acq: 17 Apr 2018 22:14

Tgt Ion:240 Resp: 283602
Ion Ratio Lower Upper
240 100
120 6.2 6.8 10.2#
236 25.7 20.9 31.3





#76

Benzidine

Concen: 2.896 ng

RT: 20.70 min Scan# 2964

Delta R.T. 0.33 min

Lab File: BG033856.D

Acq: 17 Apr 2018 22:14

Instrument :

BNA_G

ClientSampleId :

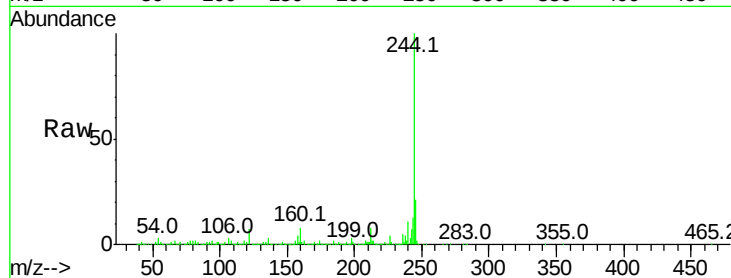
Tot Ion:184 Resp: 22274

Ion Ratio Lower Upper

184 100

185 19.2 11.1 16.7#

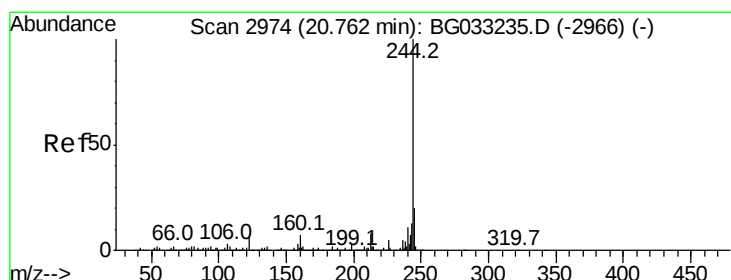
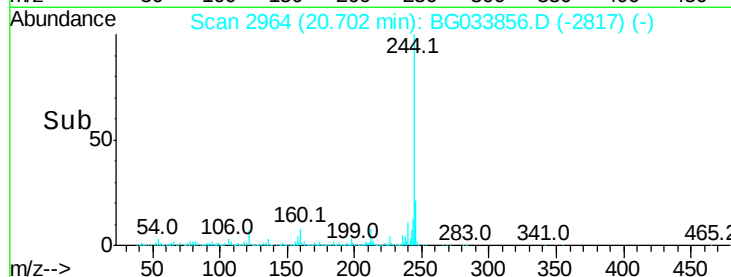
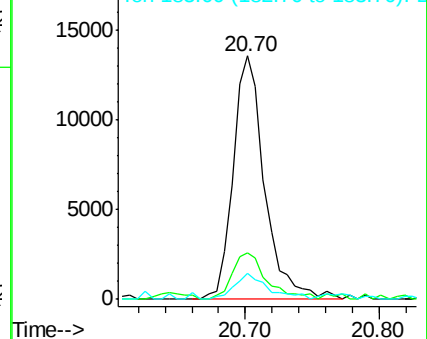
183 10.8 10.6 16.0



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: 102.472 ng

RT: 20.70 min Scan# 2964

Delta R.T. -0.01 min

Lab File: BG033856.D

Acq: 17 Apr 2018 22:14

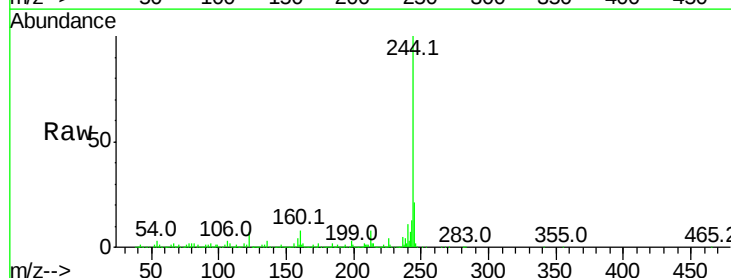
Tgt Ion:244 Resp: 1358889

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

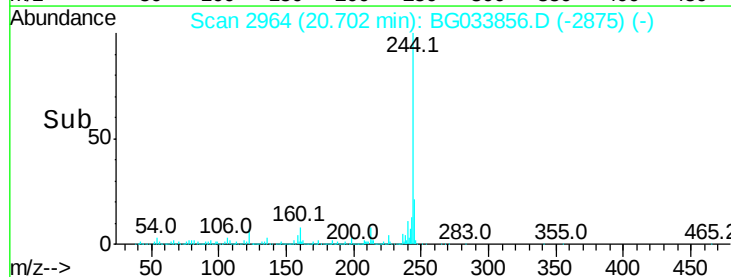
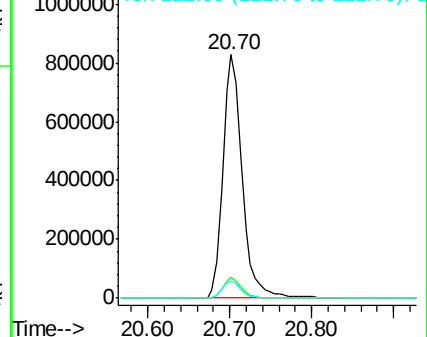
122 7.0 7.0 10.4

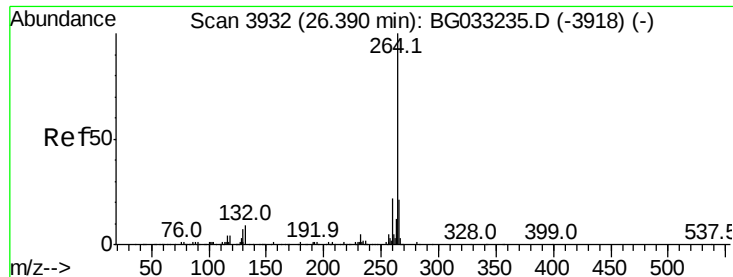


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

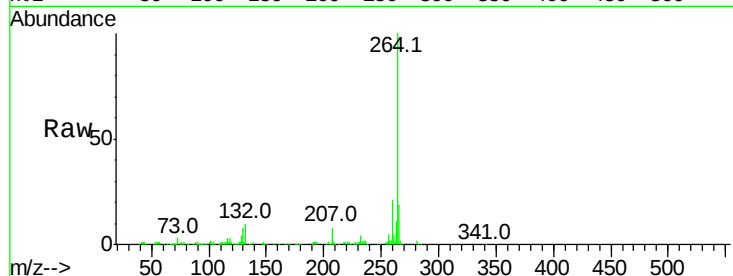




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.25 min Scan# 3909
Delta R.T. -0.06 min
Lab File: BG033856.D
Acq: 17 Apr 2018 22:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.2	17.4	26.0
265	19.3	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

