

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034149.D
 Acq On : 3 May 2018 13:20
 Operator : SJ/JU
 Sample : J2626-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 03 16:27:06 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

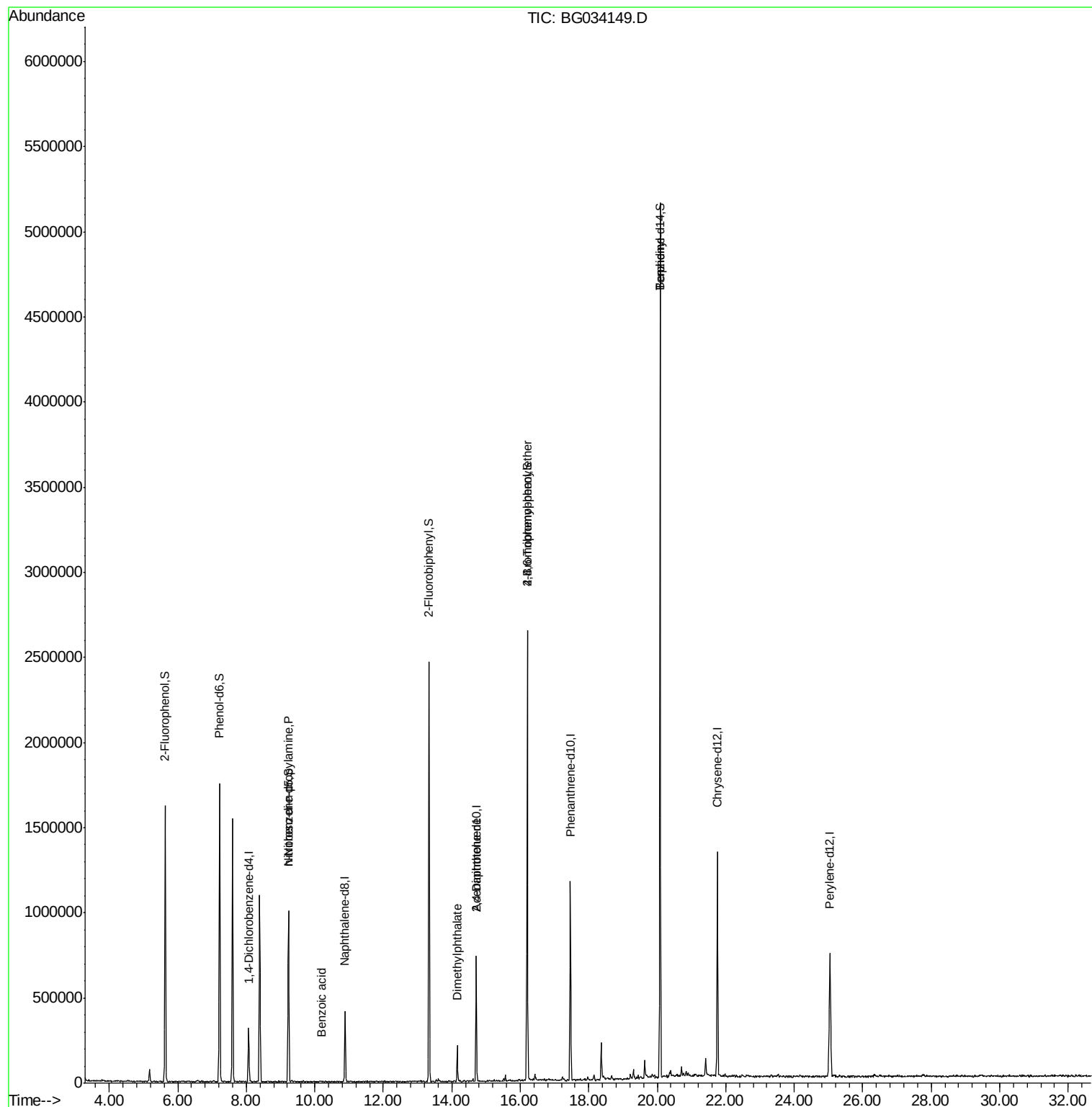
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	73389	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	303730	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	249455	20.00	ng	0.00
63) Phenanthrene-d10	17.46	188	697358	20.00	ng	0.00
75) Chrysene-d12	21.75	240	812169	20.00	ng	-0.02
86) Perylene-d12	25.04	264	836489	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	579018	127.47	ng	0.00
7) Phenol-d6	7.22	99	855089	120.92	ng	0.00
23) Nitrobenzene-d5	9.23	82	595699	75.25	ng	0.00
41) 2,4,6-Tribromophenol	16.20	330	435021	125.94	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1226714	71.66	ng	0.00
78) Terphenyl-d14	20.09	244	2400188	64.74	ng	0.00
Target Compounds						
9) Benzaldehyde	7.22	77	2407	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	9.23	70	93824	14.774 ng	#	5
32) Benzoic acid	10.20	122	61	3.133 ng	#	1
49) Dimethylphthalate	14.16	163	123373	5.704 ng	#	98
56) 2,4-Dinitrotoluene	14.71	165	34010	6.029 ng	#	18
66) 4-Bromophenyl-phenylether	16.20	248	39063	4.512 ng	#	1
76) Benzydine	20.09	184	52450	2.507 ng	#	91

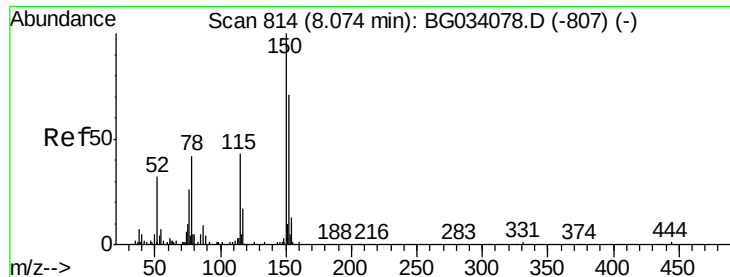
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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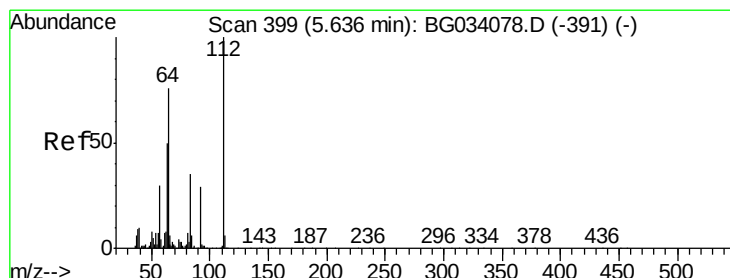
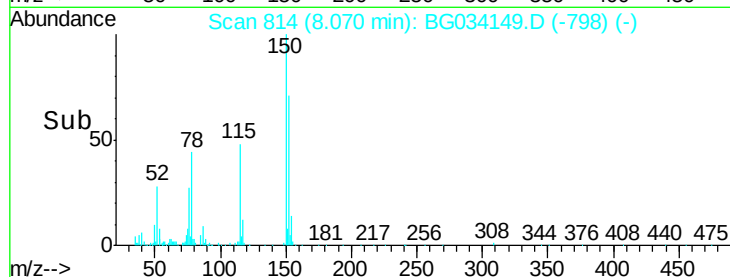
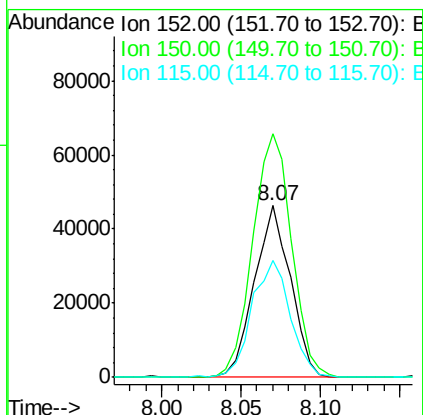
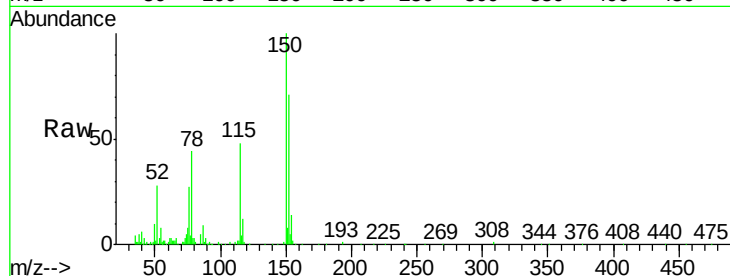


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG034149.D
Acq: 3 May 2018 13:20

Instrument :
BNA_G
ClientSampled :

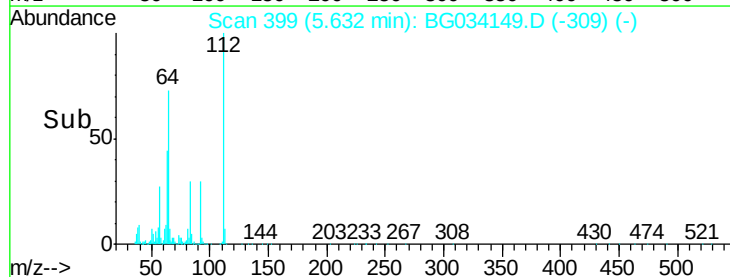
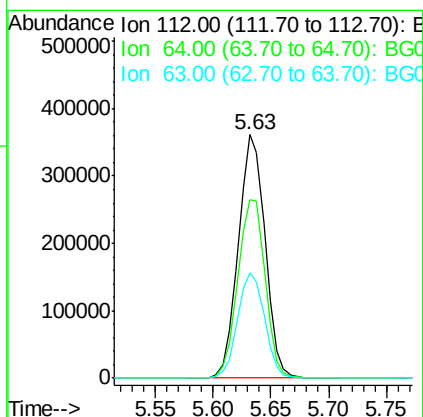
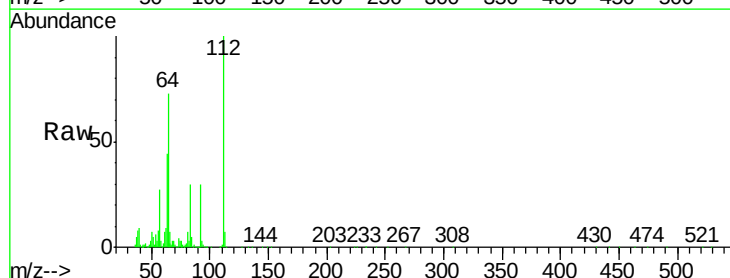
Tot Ion:152 Resp: 73389
Ion Ratio Lower Upper
152 100
150 141.7 126.6 189.8
115 68.2 53.0 79.4

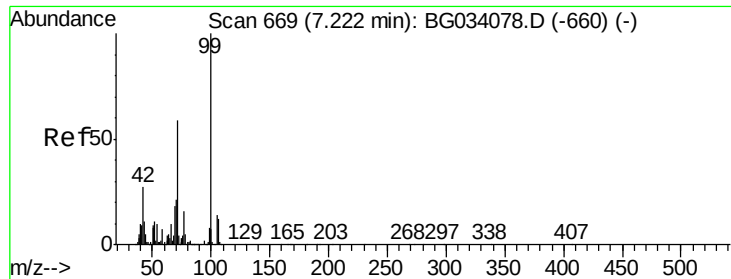


#5

2-Fluorophenol
Concen: 127.468 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG034149.D
Acq: 3 May 2018 13:20

Tgt Ion:112 Resp: 579018
Ion Ratio Lower Upper
112 100
64 73.3 56.3 84.5
63 43.5 30.1 45.1





#7

Phenol-d6

Concen: 120.917 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034149.D

Acq: 3 May 2018 13:20

Instrument :

BNA_G

ClientSampleId :

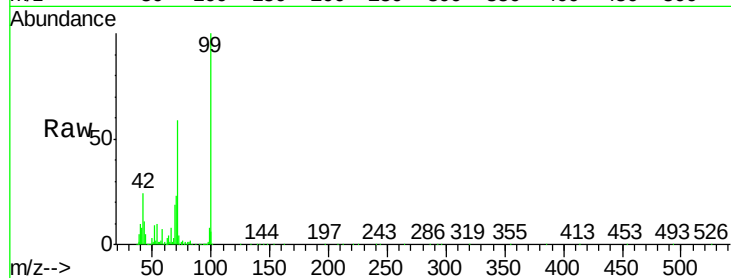
Tot Ion: 99 Resp: 855089

Ion Ratio Lower Upper

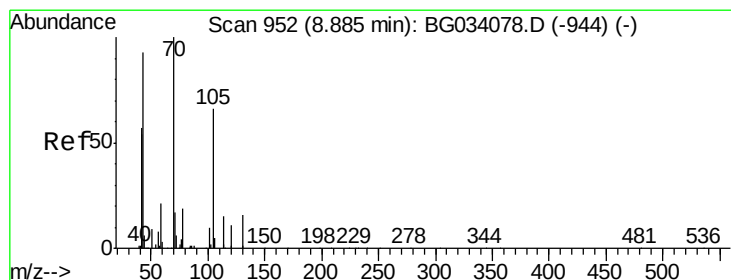
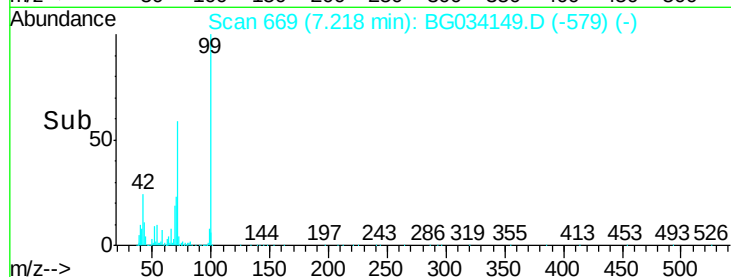
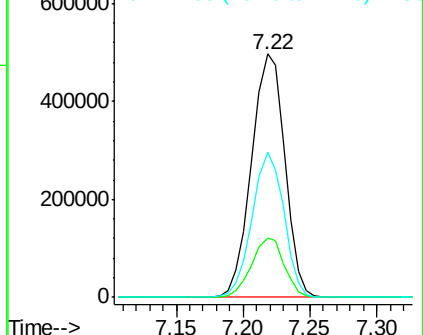
99 100

42 24.5 14.1 21.1#

71 59.3 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.774 ng

RT: 9.23 min Scan# 1012

Delta R.T. 0.35 min

Lab File: BG034149.D

Acq: 3 May 2018 13:20

Tgt Ion: 70 Resp: 93824

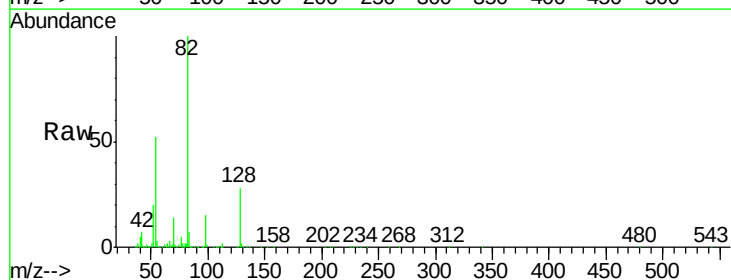
Ion Ratio Lower Upper

70 100

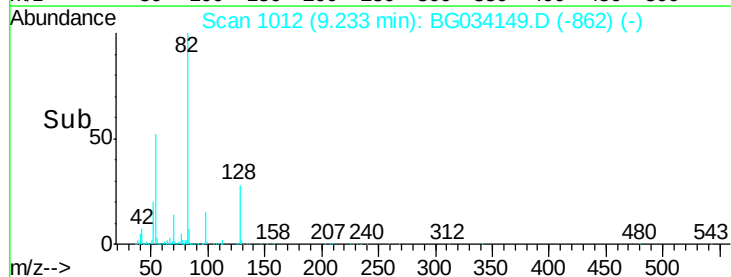
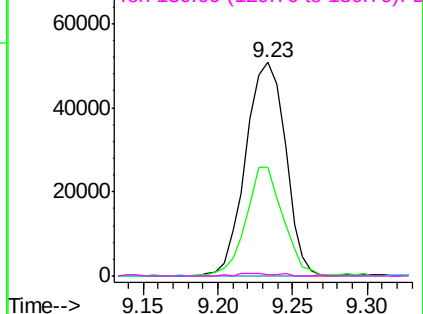
42 50.9 49.1 73.7

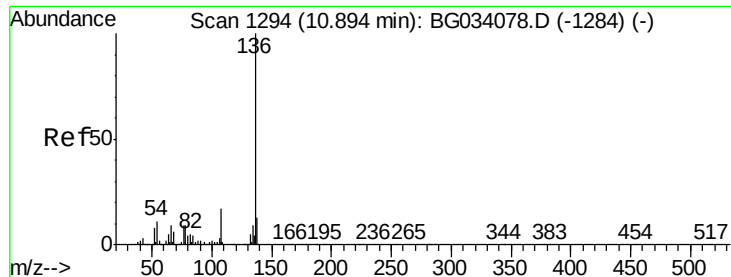
101 0.0 8.5 12.7#

130 0.4 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034149.D

Acq: 3 May 2018 13:20

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 303730

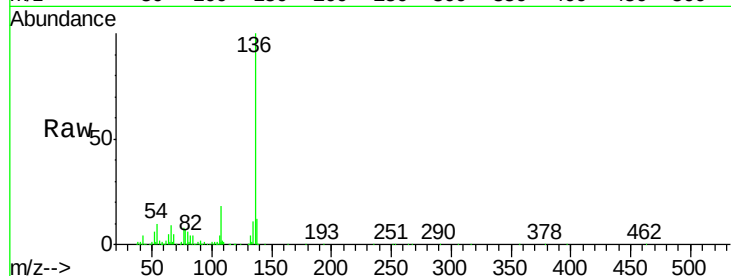
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.2	13.8
54	10.5	10.3	15.5
68	4.8	4.5	6.7

136 100

137 12.2 9.2 13.8

54 10.5 10.3 15.5

68 4.8 4.5 6.7

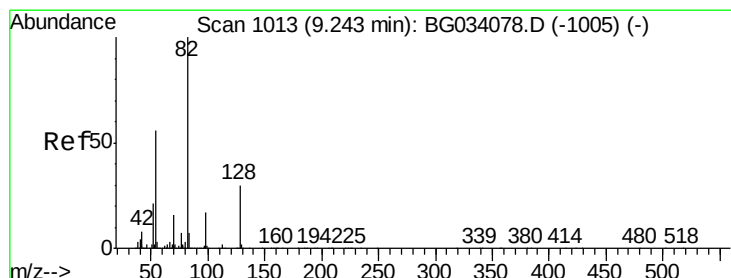
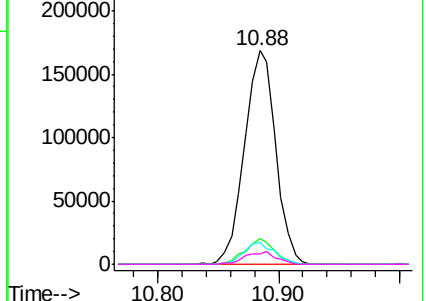
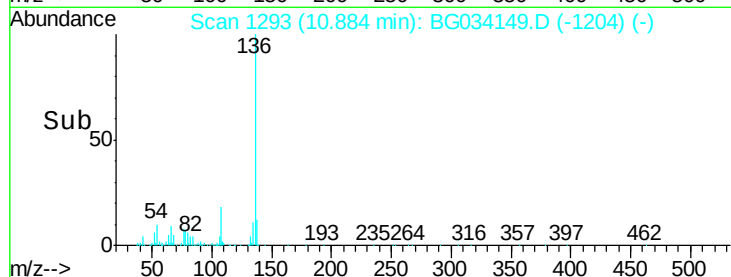


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 75.250 ng

RT: 9.23 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BG034149.D

Acq: 3 May 2018 13:20

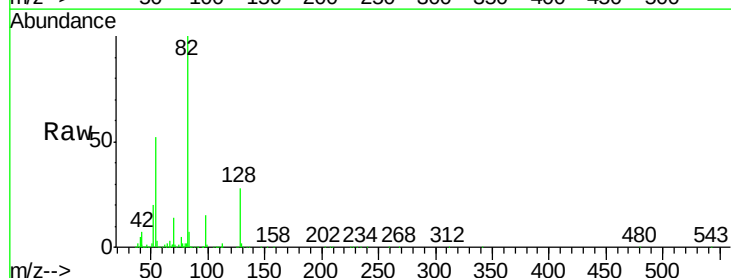
Tgt Ion: 82 Resp: 595699

Ion	Ratio	Lower	Upper
82	100		
128	28.3	29.7	44.5#
54	51.6	43.1	64.7

82 100

128 28.3 29.7 44.5#

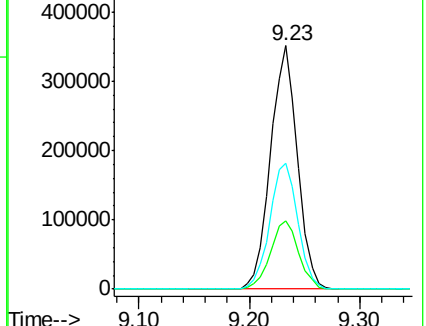
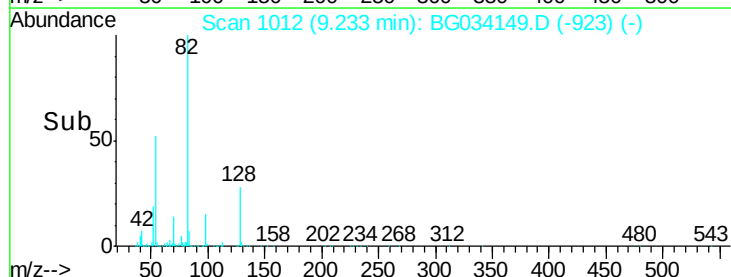
54 51.6 43.1 64.7

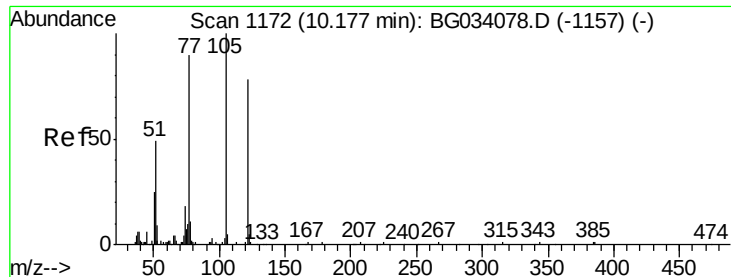


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#32

Benzoic acid

Concen: 3.133 ng

RT: 10.20 min Scan# 1176

Delta R.T. 0.02 min

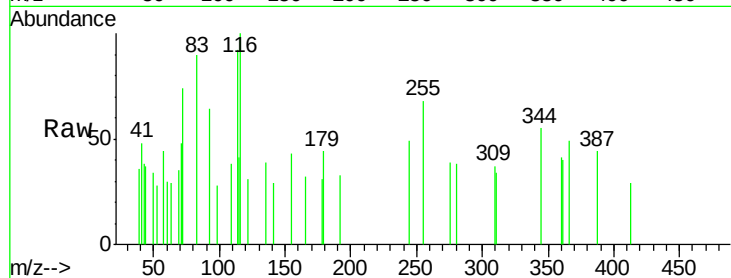
Lab File: BG034149.D

Acq: 3 May 2018 13:20

Instrument :

BNA_G

ClientSampled :



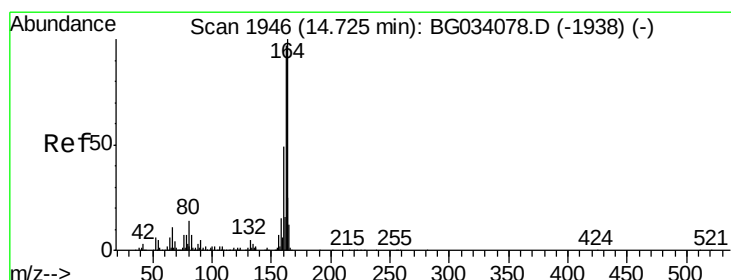
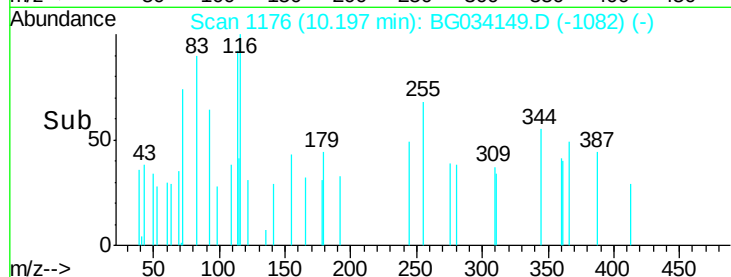
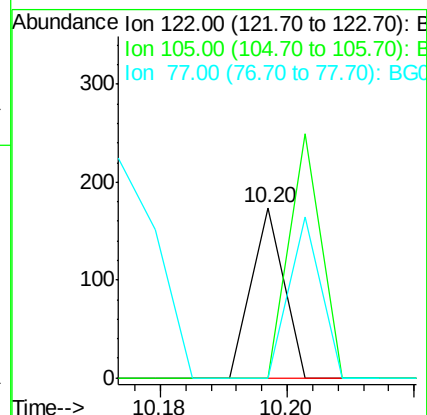
Tot Ion:122 Resp: 61

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

77 0.0 85.7 125.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG034149.D

Acq: 3 May 2018 13:20

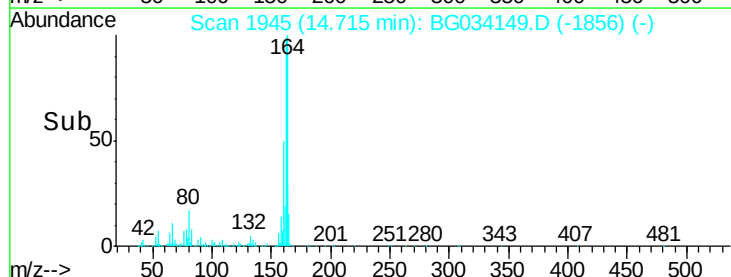
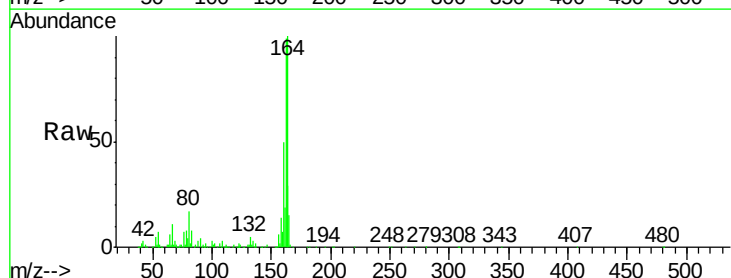
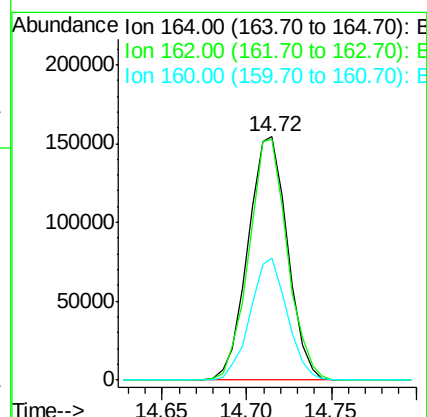
Tgt Ion:164 Resp: 249455

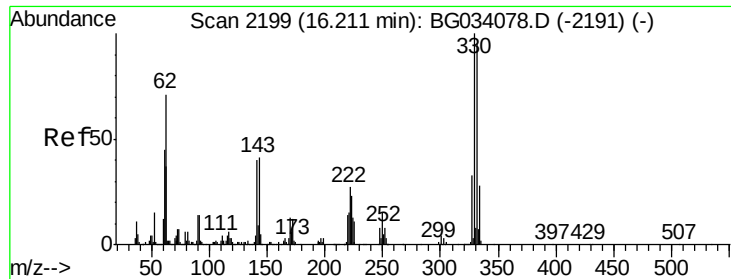
Ion Ratio Lower Upper

164 100

162 98.8 78.8 118.2

160 50.0 35.4 53.0

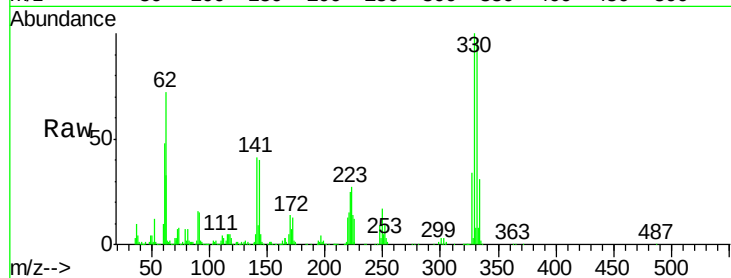




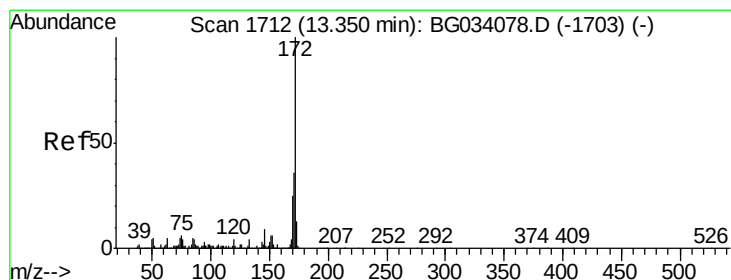
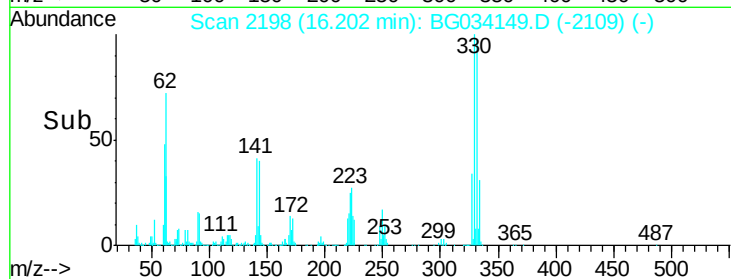
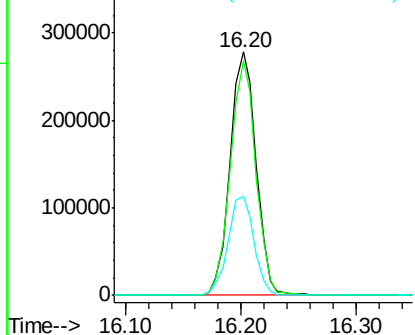
#41
 2,4,6-Tribromophenol
 Concen: 125.939 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG034149.D
 Acq: 3 May 2018 13:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 435021
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.0 115.6
 141 40.7 25.2 37.8#

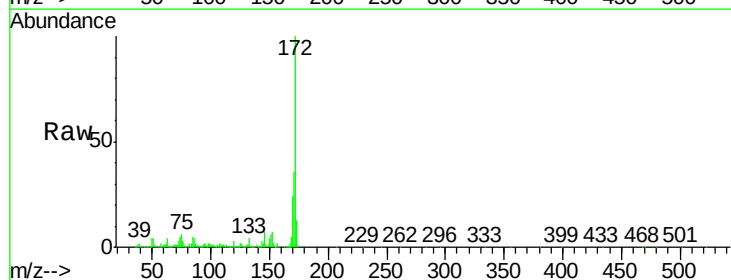


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

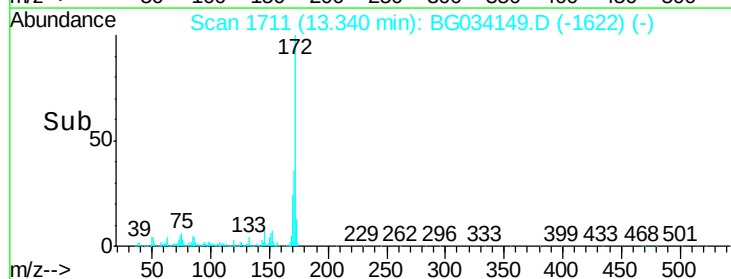
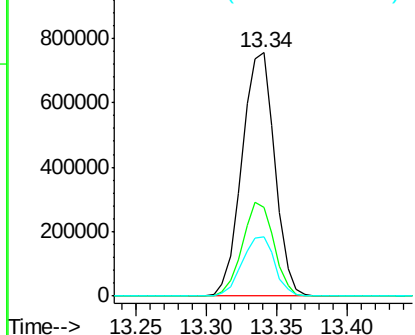


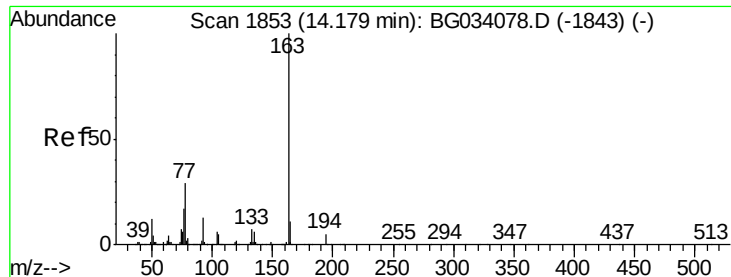
#44
 2-Fluorobiphenyl
 Concen: 71.657 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG034149.D
 Acq: 3 May 2018 13:20

Tgt Ion:172 Resp: 1226714
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.0 45.0
 170 24.2 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: 5.704 ng

RT: 14.16 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BG034149.D

Acq: 3 May 2018 13:20

Instrument :

BNA_G

ClientSampleId :

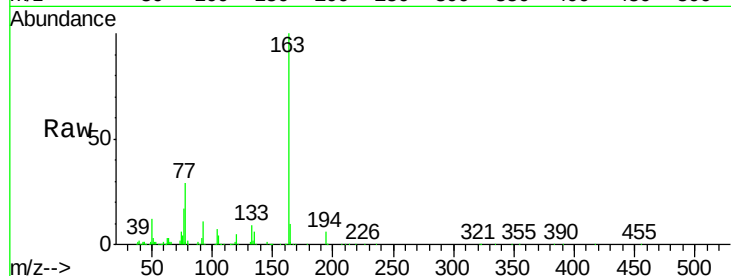
Tot Ion:163 Resp: 123373

Ion Ratio Lower Upper

163 100

194 6.1 3.4 5.2#

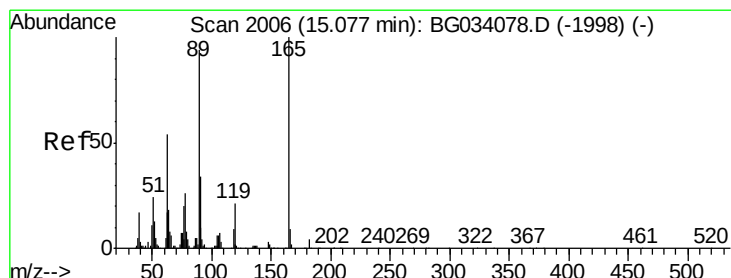
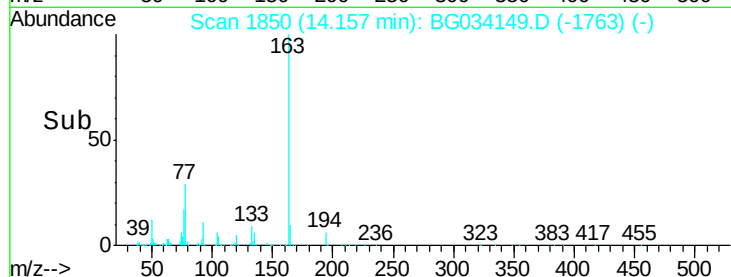
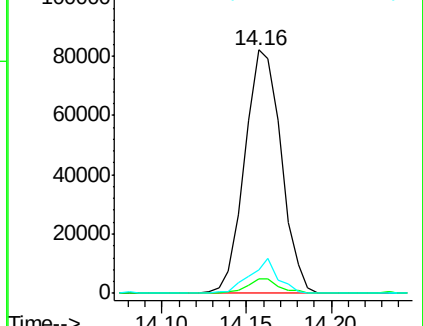
164 9.8 8.2 12.4



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



#56

2,4-Dinitrotoluene

Concen: 6.029 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.37 min

Lab File: BG034149.D

Acq: 3 May 2018 13:20

Tgt Ion:165 Resp: 34010

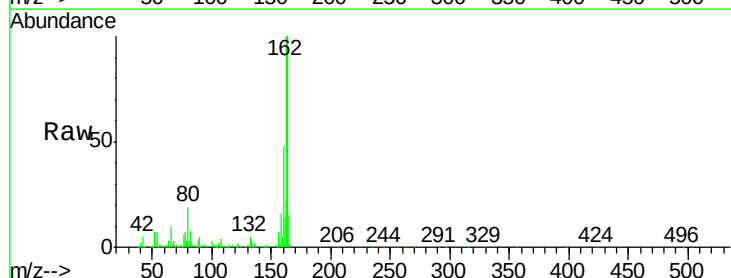
Ion Ratio Lower Upper

165 100

63 1.9 42.0 63.0#

89 1.7 66.9 100.3#

182 0.0 2.6 3.8#

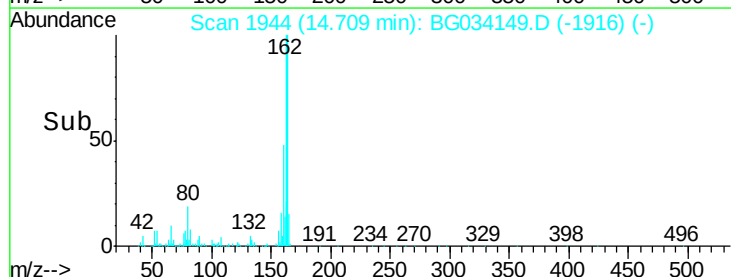
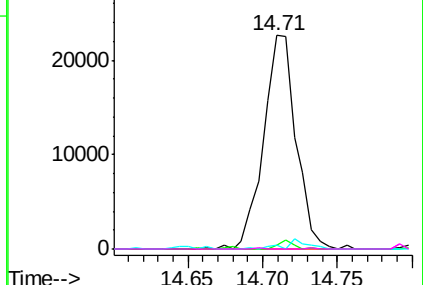


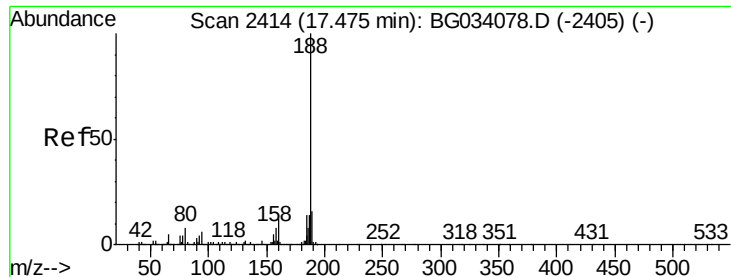
Abundance Ion 165.00 (164.70 to 165.70): E

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

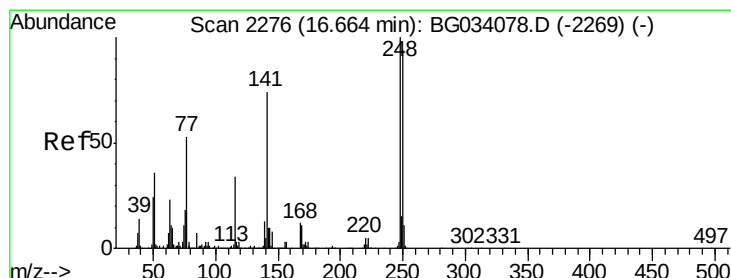
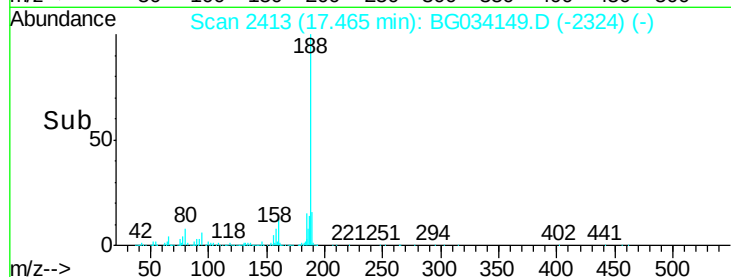
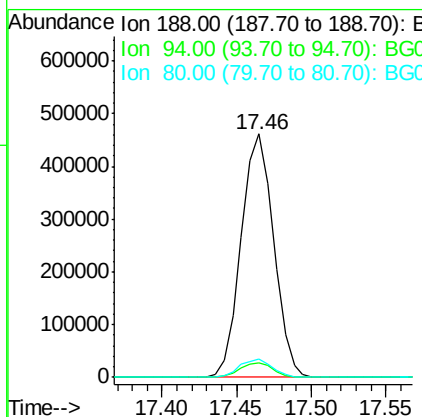
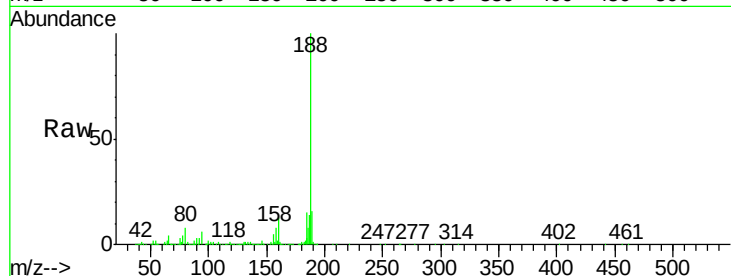




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG034149.D
Acq: 3 May 2018 13:20

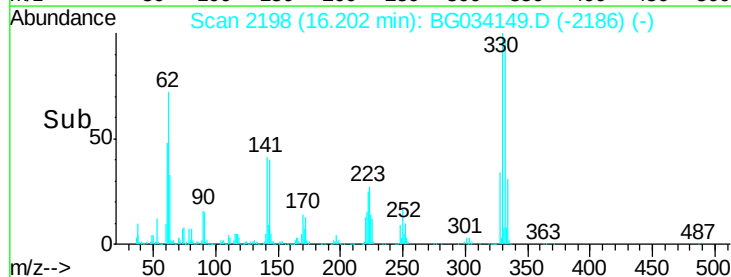
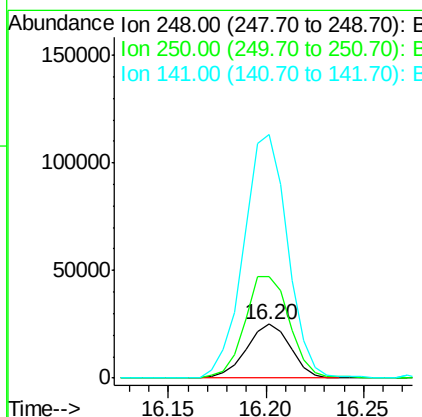
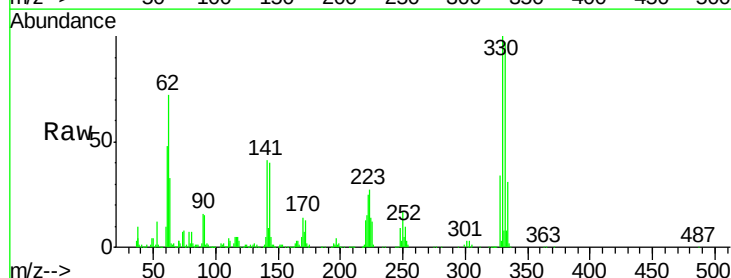
Instrument :
BNA_G
ClientSampleId :

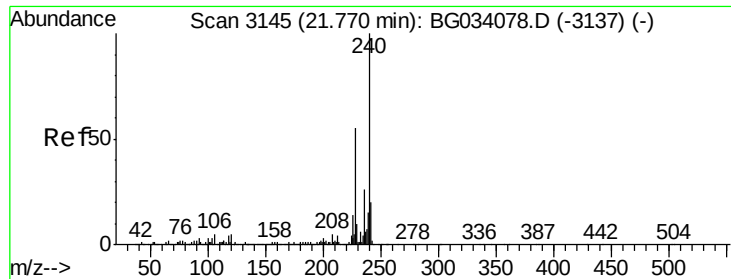
Tot Ion:188 Resp: 697358
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 7.7 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 4.512 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.46 min
Lab File: BG034149.D
Acq: 3 May 2018 13:20

Tgt Ion:248 Resp: 39063
Ion Ratio Lower Upper
248 100
250 187.7 77.1 115.7#
141 451.2 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG034149.D

Acq: 3 May 2018 13:20

Instrument :

BNA_G

ClientSampleId :

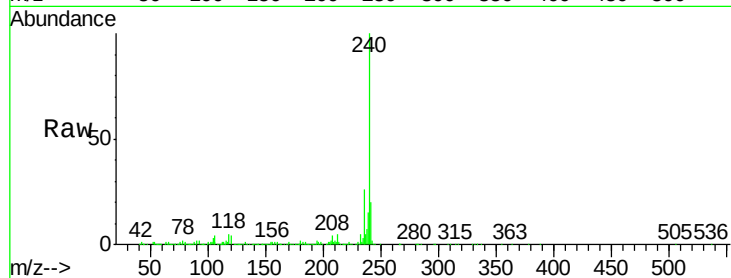
Tot Ion:240 Resp: 812169

Ion Ratio Lower Upper

240 100

120 3.8 6.8 10.2#

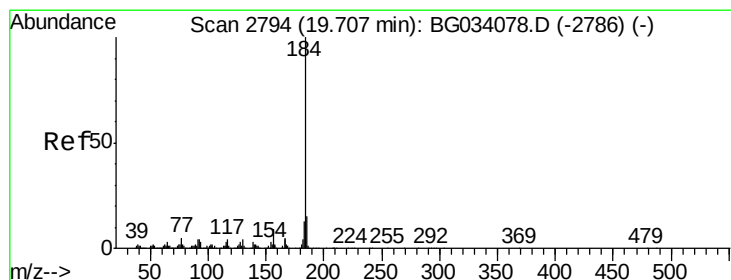
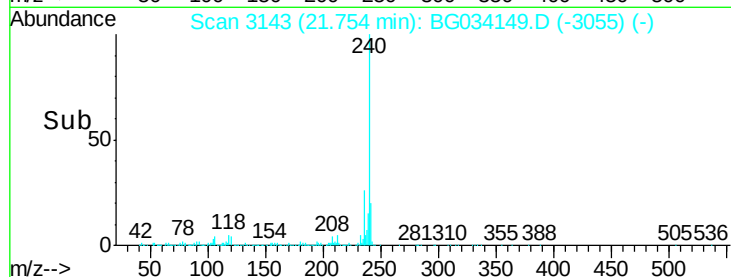
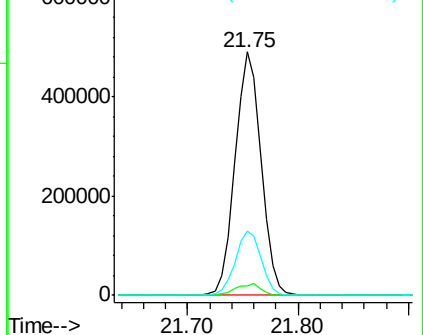
236 26.4 20.9 31.3



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: 2.507 ng

RT: 20.09 min Scan# 2859

Delta R.T. 0.38 min

Lab File: BG034149.D

Acq: 3 May 2018 13:20

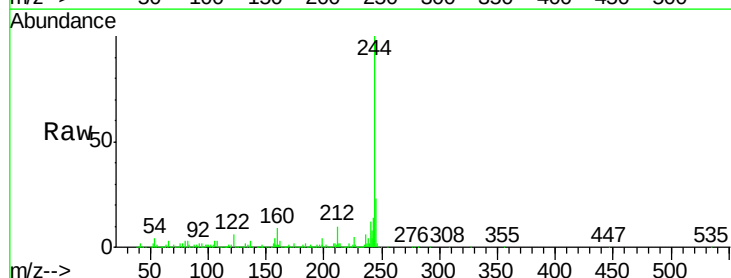
Tgt Ion:184 Resp: 52450

Ion Ratio Lower Upper

184 100

185 16.4 11.1 16.7

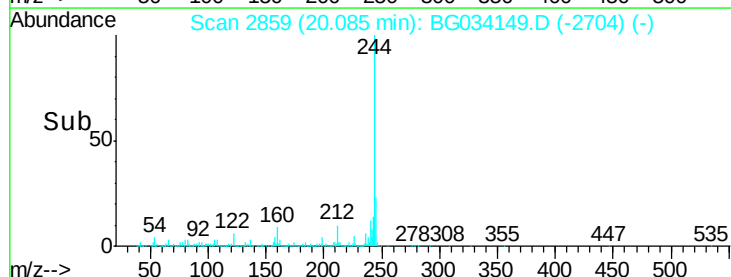
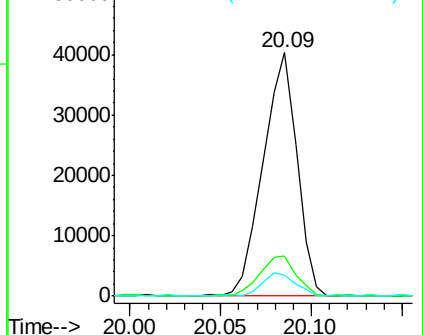
183 8.7 10.6 16.0#

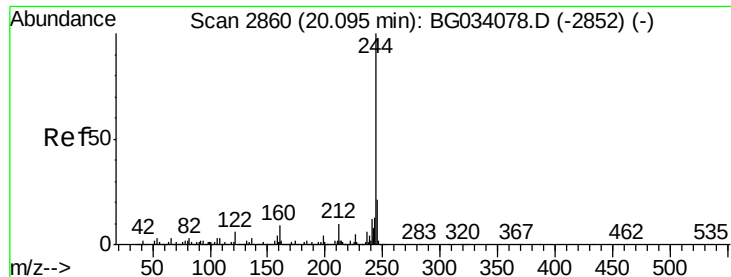


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 64.740 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG034149.D

Acq: 3 May 2018 13:20

Instrument :

BNA_G

ClientSampleId :

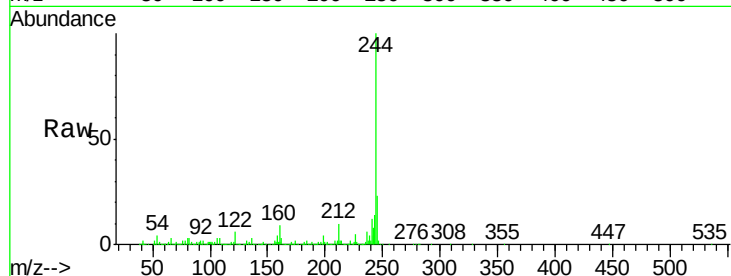
Tot Ion:244 Resp: 2400188

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

122 5.9 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

20.09

1500000

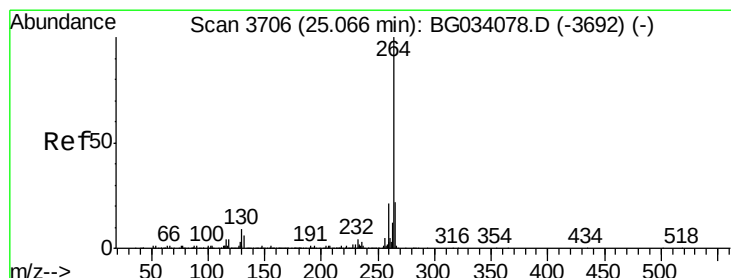
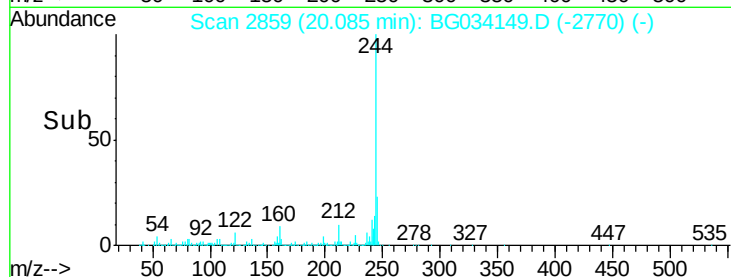
1000000

500000

0

Time-->

20.00 20.10 20.20



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3703

Delta R.T. -0.02 min

Lab File: BG034149.D

Acq: 3 May 2018 13:20

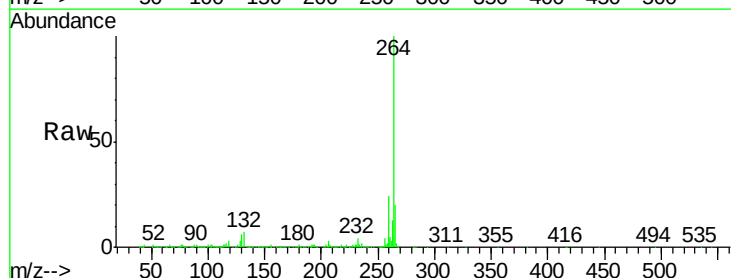
Tgt Ion:264 Resp: 836489

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 20.1 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

25.04

400000

300000

200000

100000

0

Time-->

24.90 25.00 25.10 25.20

