

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034148.D
 Acq On : 3 May 2018 12:42
 Operator : SJ/JU
 Sample : J2669-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 03 13:59:14 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

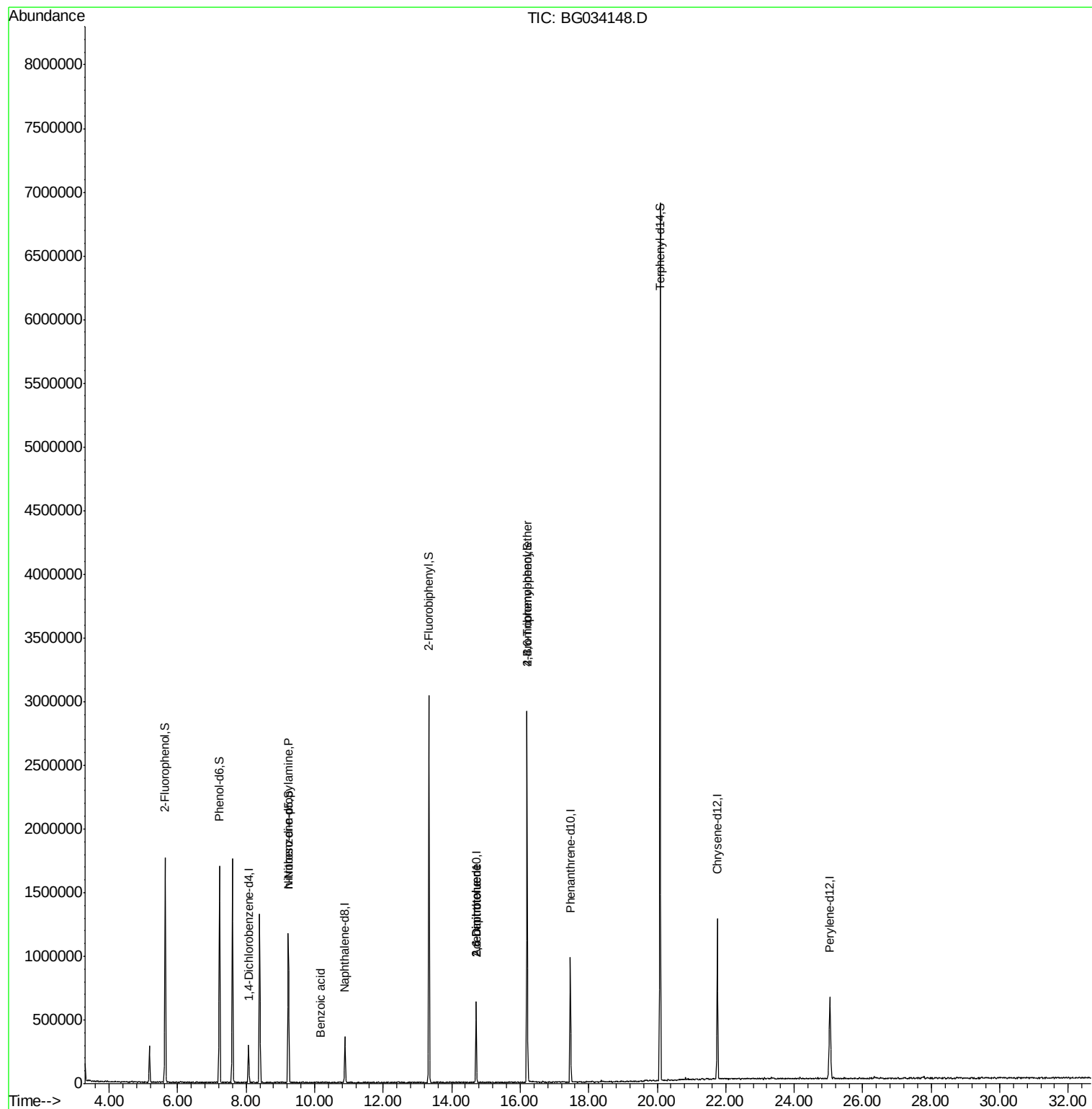
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	70255	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	270674	20.00	ng	-0.01
38) Acenaphthene-d10	14.71	164	210341	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	616135	20.00	ng	0.00
75) Chrysene-d12	21.76	240	758253	20.00	ng	-0.01
86) Perylene-d12	25.05	264	732449	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	615294	141.50	ng	0.00
7) Phenol-d6	7.22	99	832235	122.93	ng	0.00
23) Nitrobenzene-d5	9.24	82	722476	102.41	ng	0.00
41) 2,4,6-Tribromophenol	16.20	330	478271	164.21	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1443426	99.99	ng	-0.01
78) Terphenyl-d14	20.09	244	3121680	90.19	ng	0.00
Target Compounds						
9) Benzaldehyde	7.21	77	2678	Below Cal	Qvalue	# 5
19) n-Nitroso-di-n-propylamine	9.24	70	110307	18.144 ng	#	81
32) Benzoic acid	10.17	122	149	3.160 ng	#	22
50) 2,6-Dinitrotoluene	14.71	165	29219	8.341 ng	#	20
56) 2,4-Dinitrotoluene	14.71	165	29219	6.143 ng	#	18
66) 4-Bromophenyl-phenylether	16.20	248	39432	5.155 ng	#	1

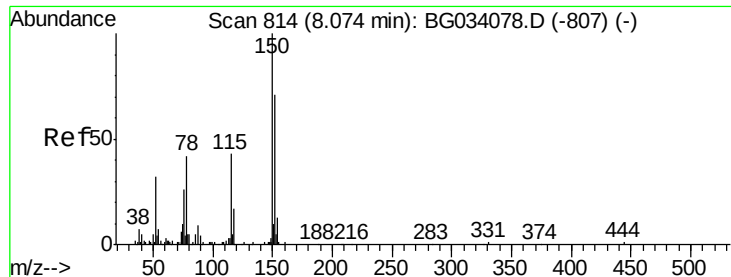
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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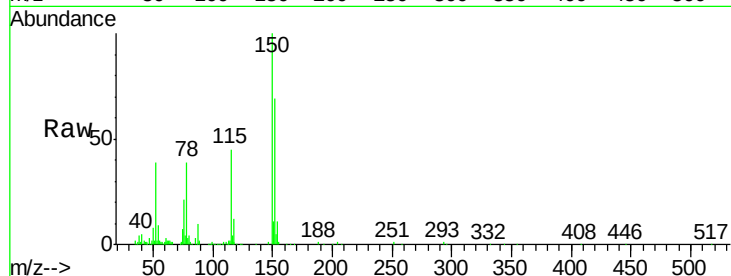


#1

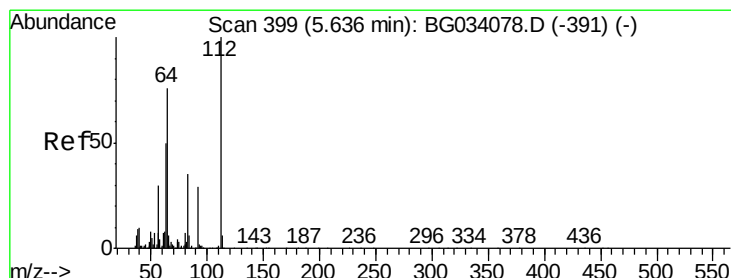
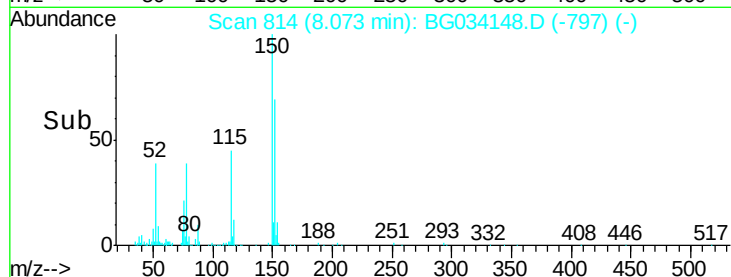
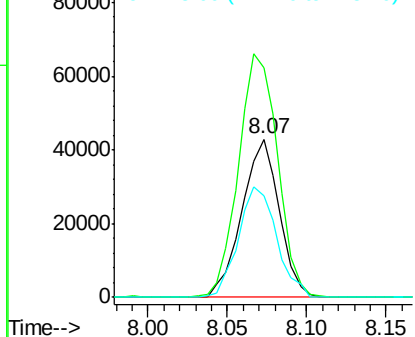
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG034148.D
Acq: 3 May 2018 12:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 70255
Ion Ratio Lower Upper
152 100
150 144.9 126.6 189.8
115 64.5 53.0 79.4



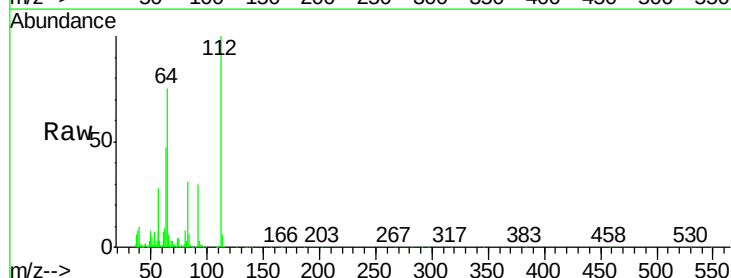
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



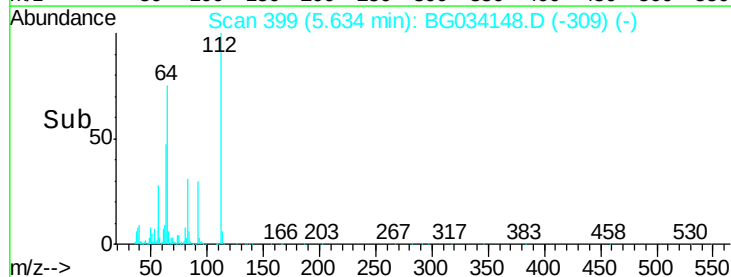
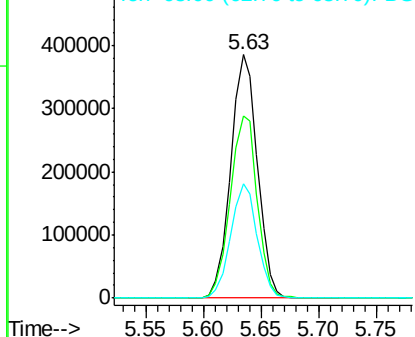
#5

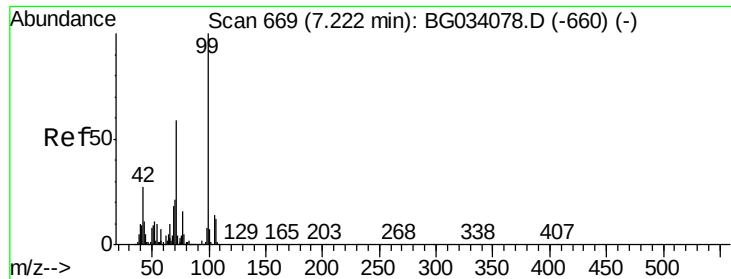
2-Fluorophenol
Concen: 141.497 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG034148.D
Acq: 3 May 2018 12:42

Tgt Ion:112 Resp: 615294
Ion Ratio Lower Upper
112 100
64 75.0 56.3 84.5
63 47.1 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 122.935 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034148.D

Acq: 3 May 2018 12:42

Instrument :

BNA_G

ClientSampleId :

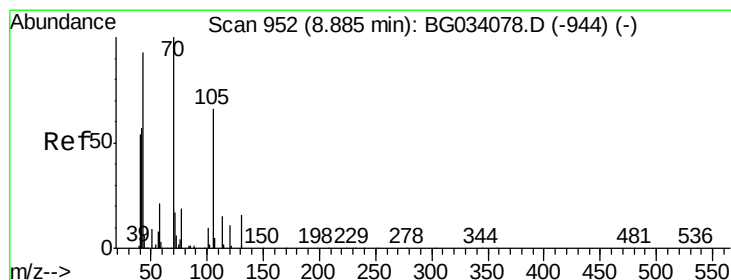
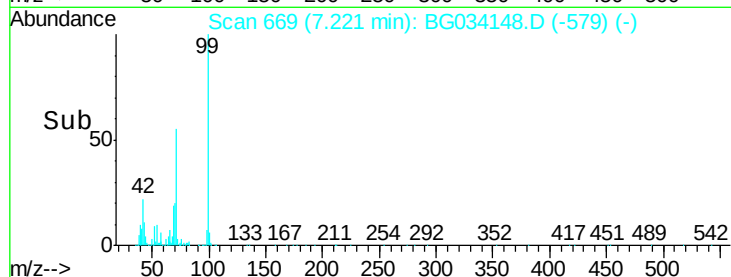
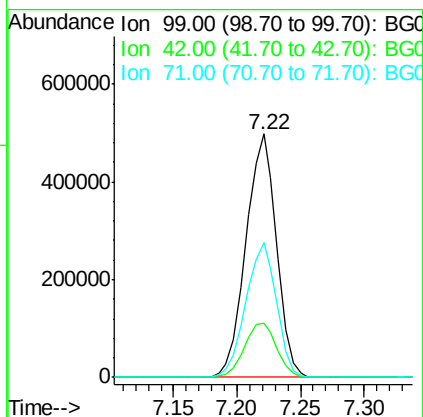
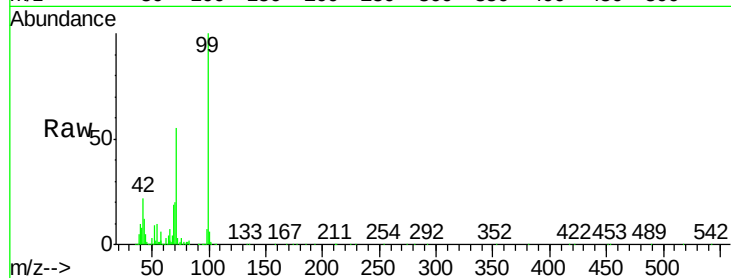
Tot Ion: 99 Resp: 832235

Ion Ratio Lower Upper

99 100

42 22.3 14.1 21.1#

71 55.4 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 18.144 ng

RT: 9.24 min Scan# 1012

Delta R.T. 0.35 min

Lab File: BG034148.D

Acq: 3 May 2018 12:42

Tgt Ion: 70 Resp: 110307

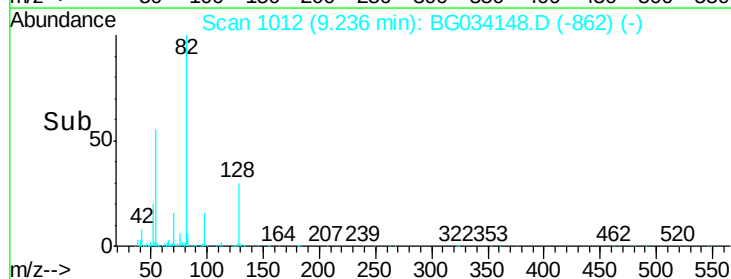
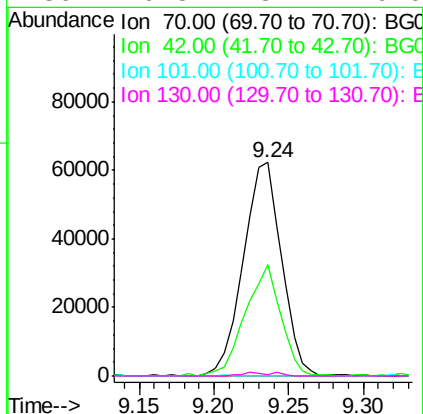
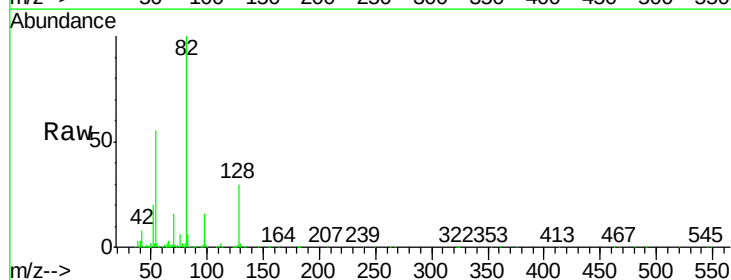
Ion Ratio Lower Upper

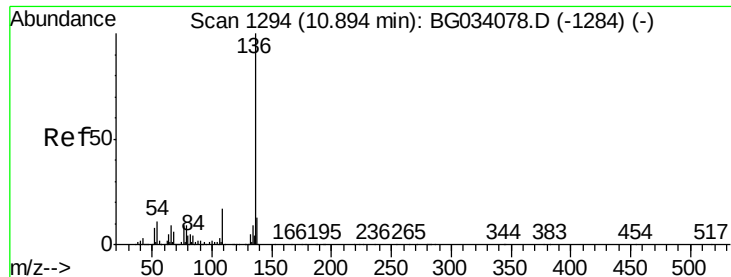
70 100

42 52.1 49.1 73.7

101 0.0 8.5 12.7#

130 0.8 13.4 20.0#

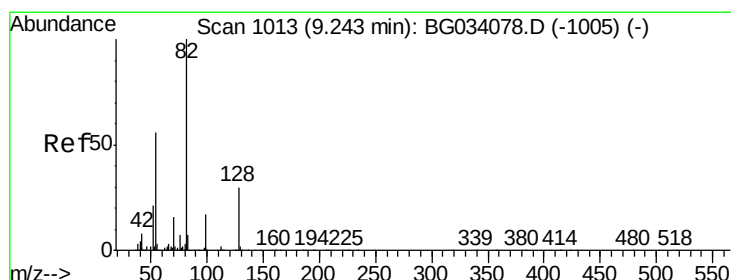
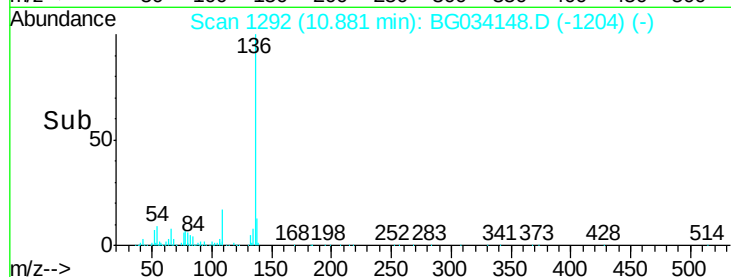
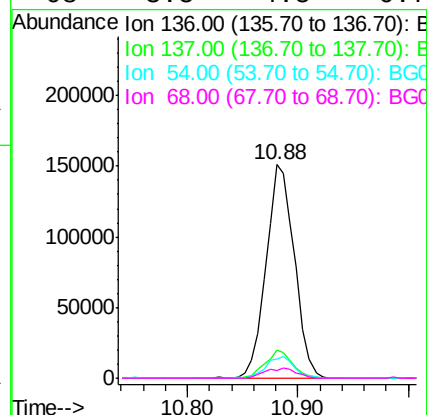
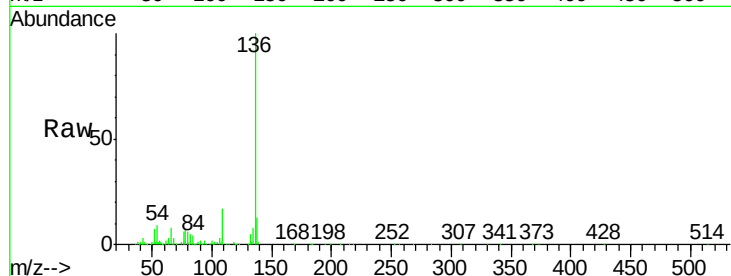




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BG034148.D
Acq: 3 May 2018 12:42

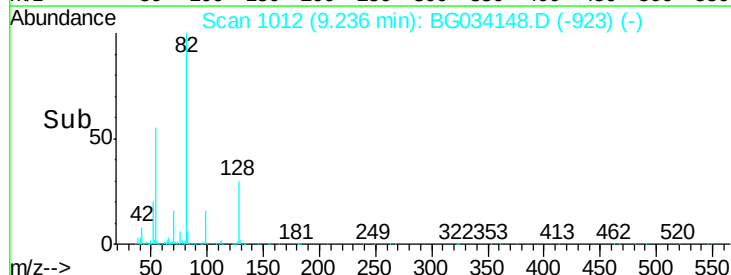
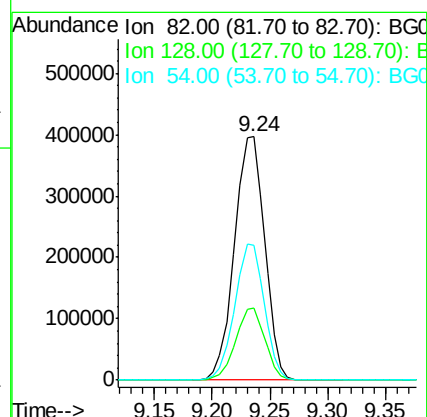
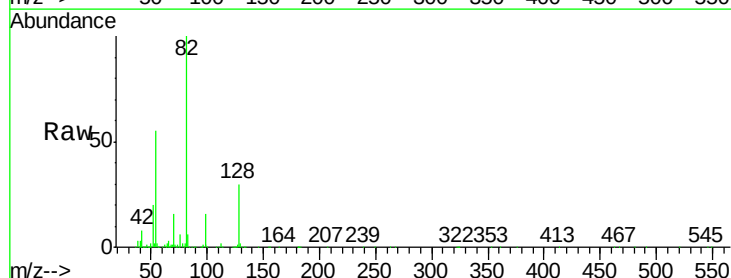
Instrument :
BNA_G
ClientSampleId :

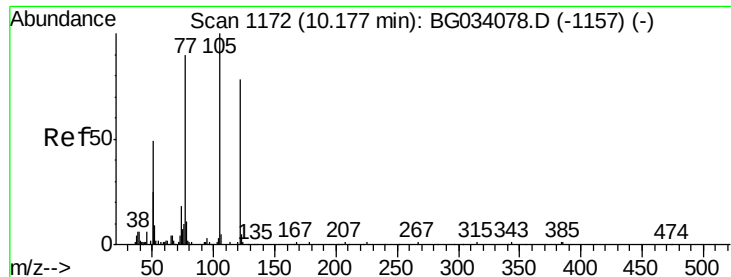
Tot Ion	Ratio	Lower	Upper
136	100		
137	13.4	9.2	13.8
54	9.0	10.3	15.5#
68	3.5	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 102.411 ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG034148.D
Acq: 3 May 2018 12:42

Tgt Ion	Ratio	Lower	Upper
82	100		
128	29.7	29.7	44.5
54	55.4	43.1	64.7





#32

Benzoic acid

Concen: 3.160 ng

RT: 10.17 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BG034148.D

Acq: 3 May 2018 12:42

Instrument :

BNA_G

ClientSampled :

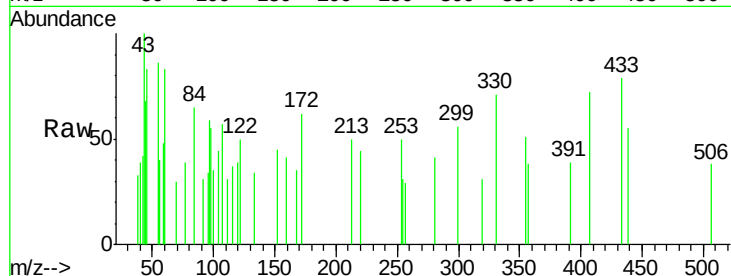
Tot Ion:122 Resp: 149

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

77 78.5 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B

Ion 43.00 (42.70 to 43.70): B

Ion 33.00 (32.70 to 33.70): B

Ion 21.00 (20.70 to 21.70): B

Ion 17.00 (16.70 to 17.70): B

Ion 13.00 (12.70 to 13.70): B

Ion 11.00 (10.70 to 11.70): B

Ion 9.00 (8.70 to 9.70): B

Ion 7.00 (6.70 to 7.70): B

Ion 5.00 (4.70 to 5.70): B

Ion 3.00 (2.70 to 3.70): B

Ion 1.00 (0.70 to 1.70): B

Ion 0.00 (0.00 to 0.00): B

Ion 0.00 (0.00 to 0.00): B

Ion 0.00 (0.00 to 0.00): B

Ion 0.00 (0.00 to 0.00): B

Ion 0.00 (0.00 to 0.00): B

Ion 0.00 (0.00 to 0.00): B

Ion 0.00 (0.00 to 0.00): B

Ion 0.00 (0.00 to 0.00): B

Ion 0.00 (0.00 to 0.00): B

Ion 0.00 (0.00 to 0.00): B

Ion 0.00 (0.00 to 0.00): B

Ion 0.00 (0.00 to 0.00): B

Ion 0.00 (0.00 to 0.00): B

Ion 0.00 (0.00 to 0.00): B

Ion 0.00 (0.00 to 0.00): B

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Ion 0.00 (0.00 to 0.00): B

Ion 0.00 (0.00 to 0.00): B

Ion 0.00 (0.00 to 0.00): B

Ion 0.00 (0.00 to 0.00): B

Ion 0.00 (0.00 to 0.00): B

Ion 0.00 (0.00 to 0.00): B

Ion 0.00 (0.00 to 0.00): B

Ion 0.00 (0.00 to 0.00): B

Ion 0.00 (0.00 to 0.00): B

Ion 0.00 (0.00 to 0.00): B

Ion 0.00 (0.00 to 0.00): B

Ion 0.00 (0.00 to 0.00): B

Ion 0.00 (0.00 to 0.00): B

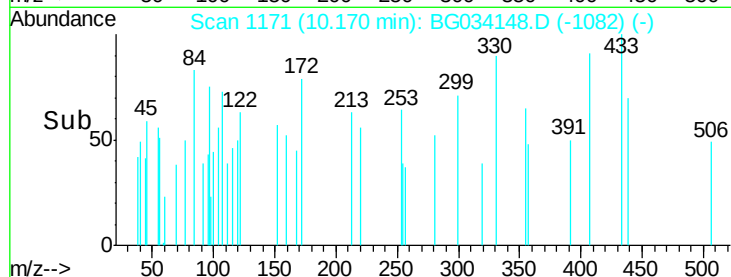
Ion 0.00 (0.00 to 0.00): B

Ion 0.00 (0.00 to 0.00): B

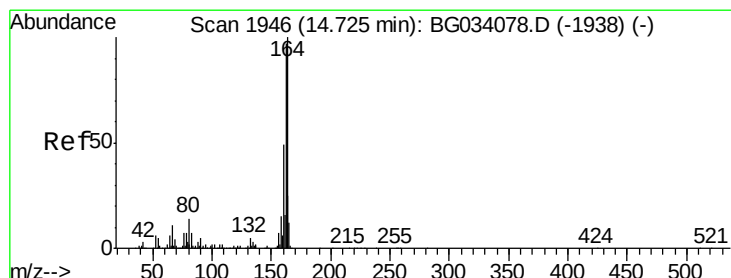
Ion 0.00 (0.00 to 0.00): B

Ion 0.00 (0.00 to 0.00): B

Ion 0.00 (0.00 to 0.00): B



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG034148.D

Acq: 3 May 2018 12:42

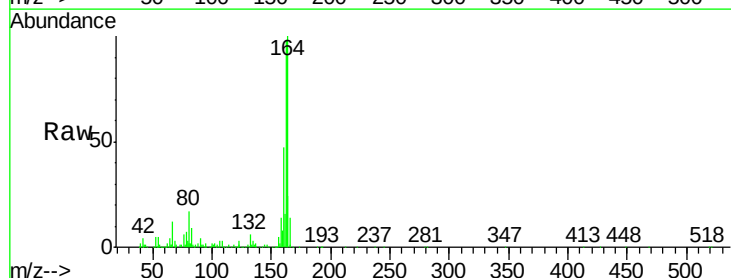
Tgt Ion:164 Resp: 210341

Ion Ratio Lower Upper

164 100

162 98.3 78.8 118.2

160 47.0 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Ion 158.00 (157.70 to 158.70): E

Ion 156.00 (155.70 to 156.70): E

Ion 154.00 (153.70 to 154.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 146.00 (145.70 to 146.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 140.00 (139.70 to 140.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 136.00 (135.70 to 136.70): E

Ion 134.00 (133.70 to 134.70): E

Ion 132.00 (131.70 to 132.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 128.00 (127.70 to 128.70): E

Ion 126.00 (125.70 to 126.70): E

Ion 124.00 (123.70 to 124.70): E

Ion 122.00 (121.70 to 122.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 118.00 (117.70 to 118.70): E

Ion 116.00 (115.70 to 116.70): E

Ion 114.00 (113.70 to 114.70): E

Ion 112.00 (111.70 to 112.70): E

Ion 110.00 (109.70 to 110.70): E

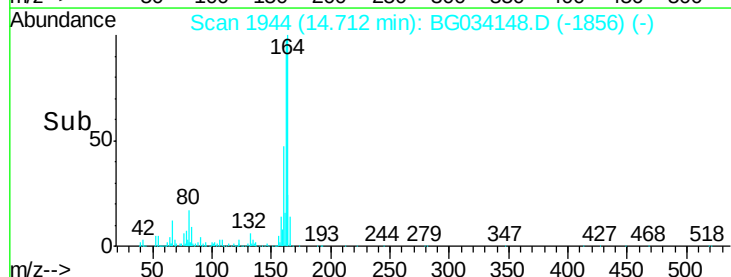
Ion 108.00 (107.70 to 108.70): E

Ion 106.00 (105.70 to 106.70): E

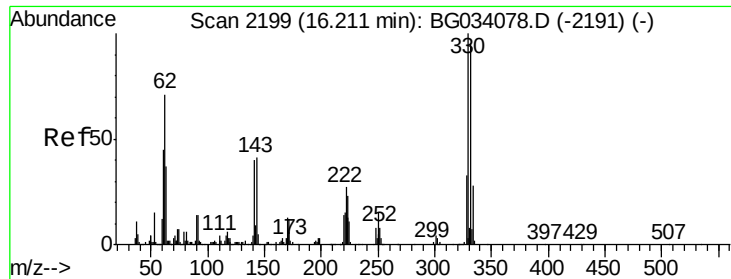
Ion 104.00 (103.70 to 104.70): E

Ion 102.00 (101.70 to 102.70): E

Ion 100.00 (99.70 to 100.70): E



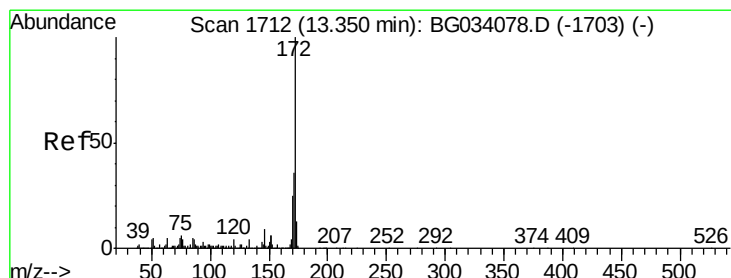
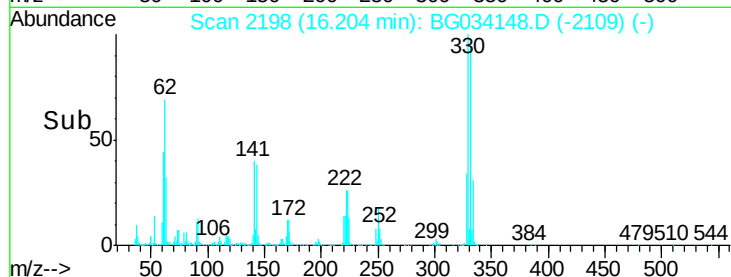
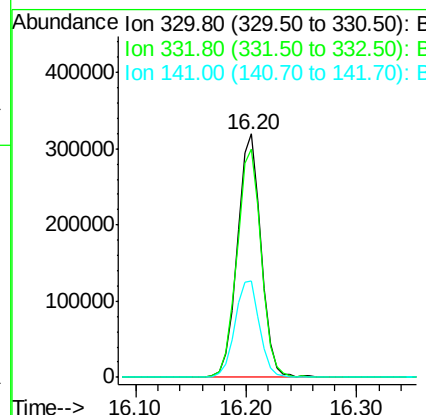
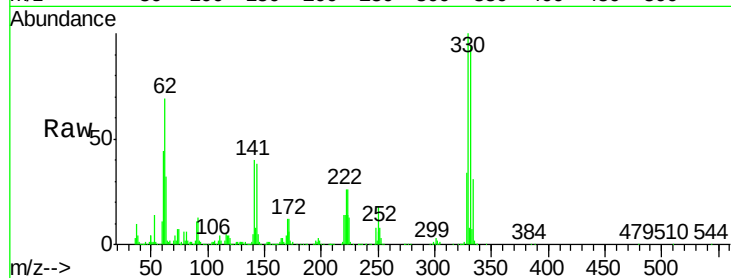
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 164.207 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG034148.D
 Acq: 3 May 2018 12:42

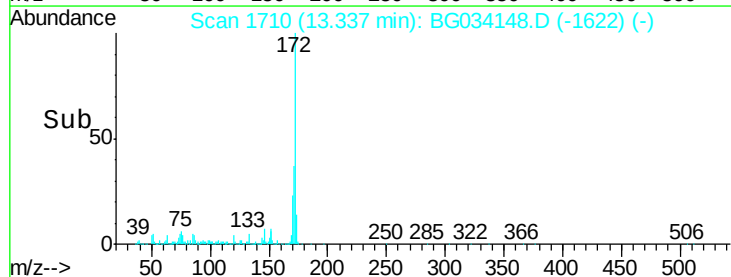
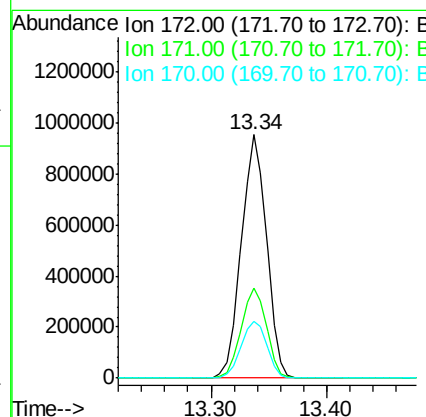
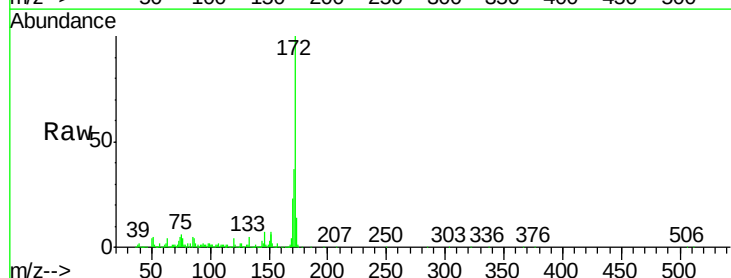
Instrument :
 BNA_G
 ClientSampleId :

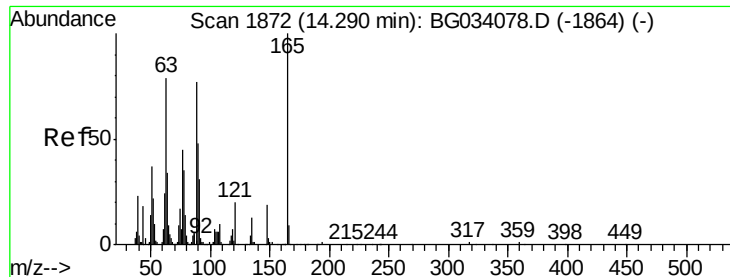
Tot Ion:330 Resp: 478271
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 41.8 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 99.995 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG034148.D
 Acq: 3 May 2018 12:42

Tgt Ion:172 Resp: 1443426
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.0 45.0
 170 23.2 19.5 29.3

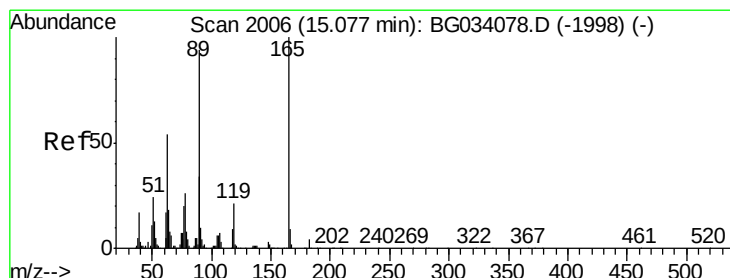
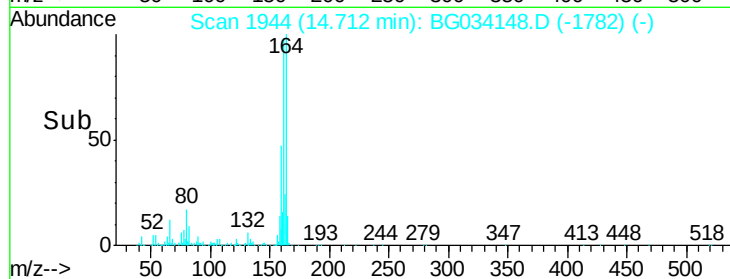
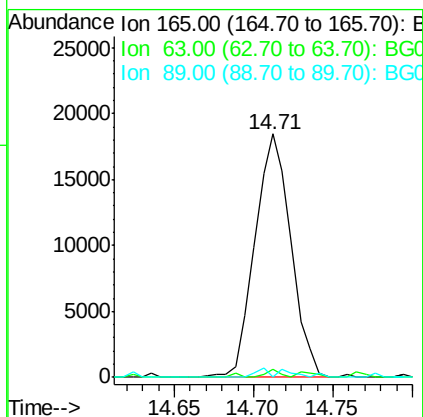
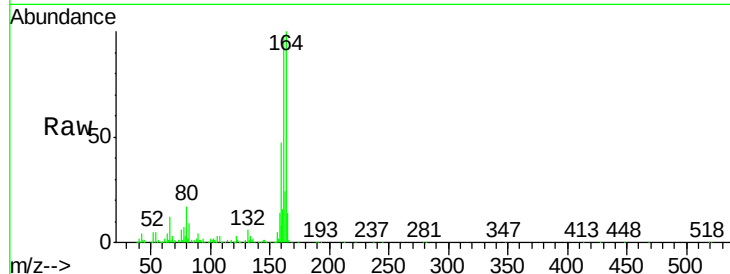




#50
2,6-Dinitrotoluene
Concen: 8.341 ng
RT: 14.71 min Scan# 1944
Delta R.T. 0.42 min
Lab File: BG034148.D
Acq: 3 May 2018 12:42

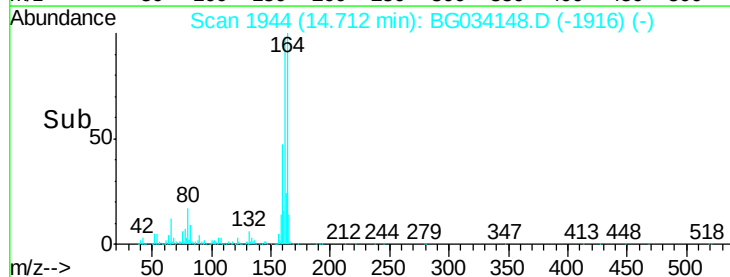
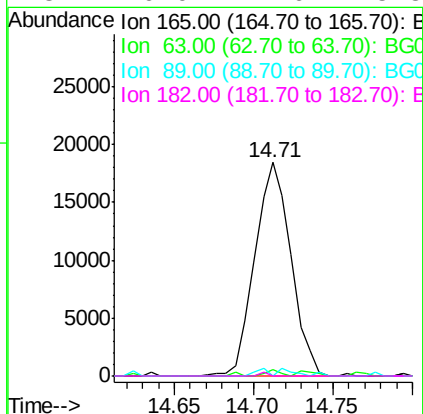
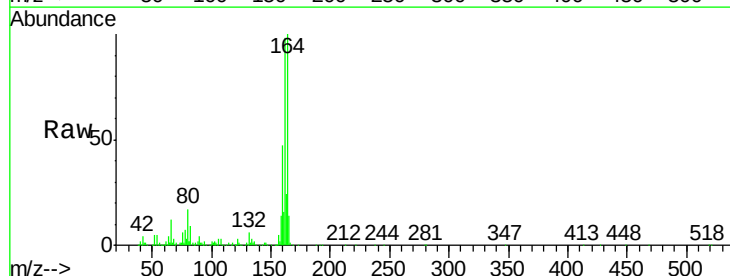
Instrument :
BNA_G
ClientSampleId :

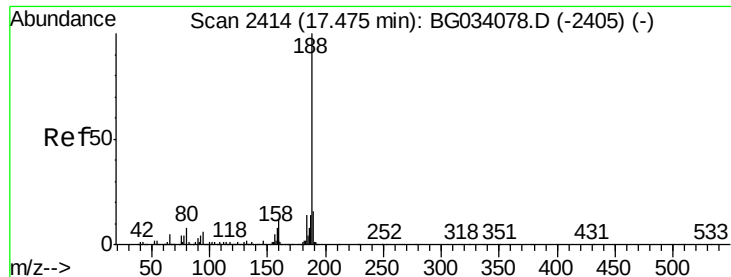
Tot Ion:165 Resp: 29219
Ion Ratio Lower Upper
165 100
63 3.3 52.7 79.1#
89 0.0 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 6.143 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.37 min
Lab File: BG034148.D
Acq: 3 May 2018 12:42

Tgt Ion:165 Resp: 29219
Ion Ratio Lower Upper
165 100
63 3.3 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: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG034148.D

Acq: 3 May 2018 12:42

Instrument :

BNA_G

ClientSampleId :

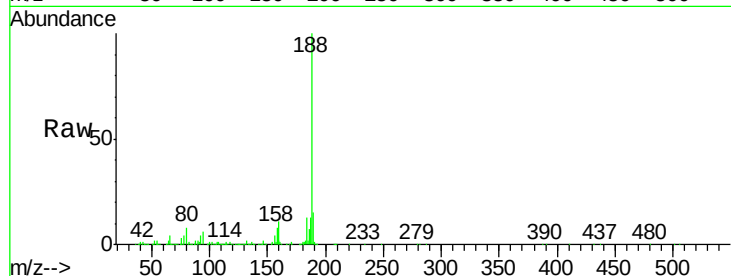
Tot Ion:188 Resp: 616135

Ion Ratio Lower Upper

188 100

94 5.6 6.9 10.3#

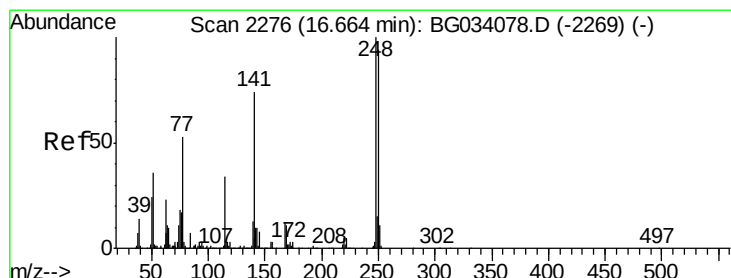
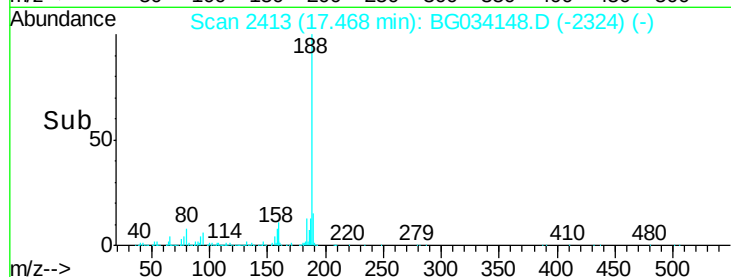
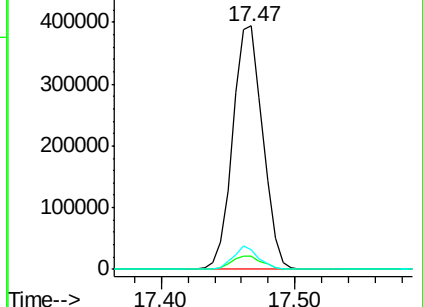
80 8.0 7.7 11.5



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: 5.155 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.46 min

Lab File: BG034148.D

Acq: 3 May 2018 12:42

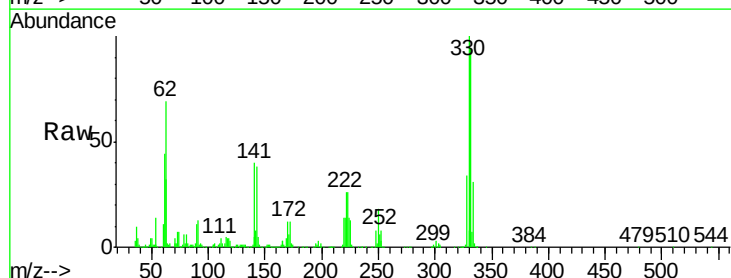
Tgt Ion:248 Resp: 39432

Ion Ratio Lower Upper

248 100

250 231.3 77.1 115.7#

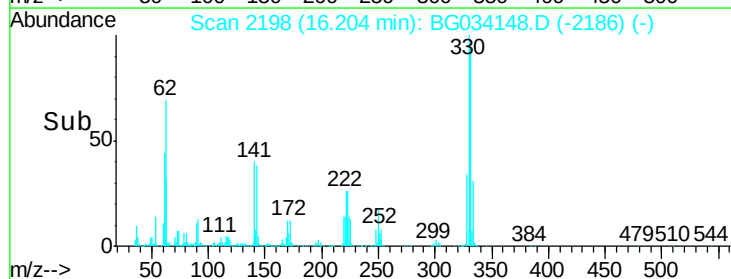
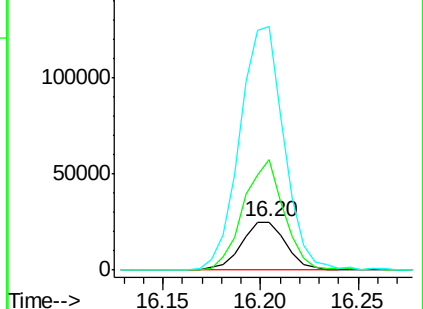
141 509.6 50.8 76.2#

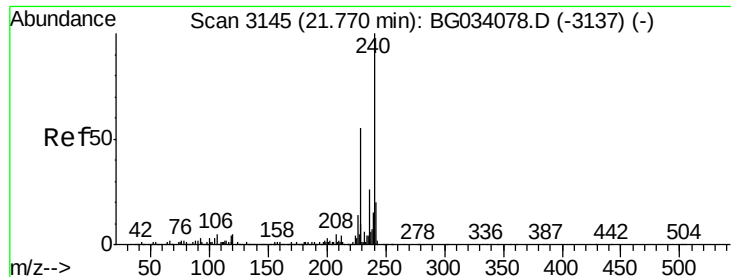


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.76 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG034148.D

Acq: 3 May 2018 12:42

Instrument :

BNA_G

ClientSampleId :

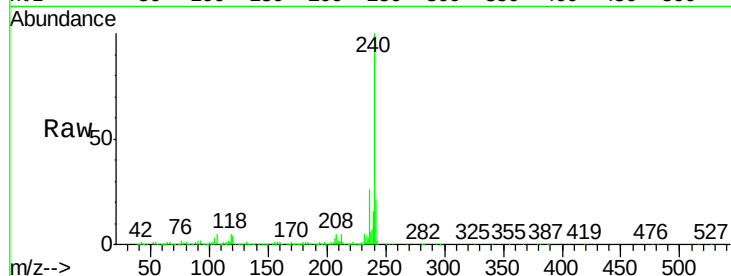
Tot Ion:240 Resp: 758253

Ion Ratio Lower Upper

240 100

120 4.2 6.8 10.2#

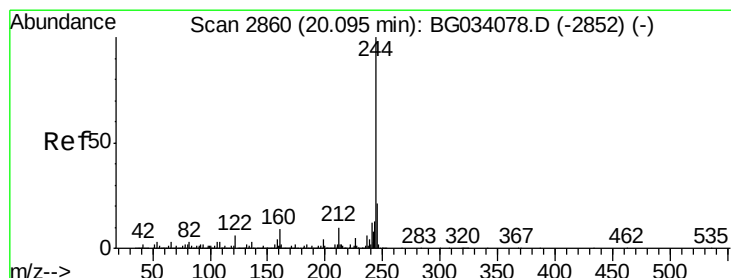
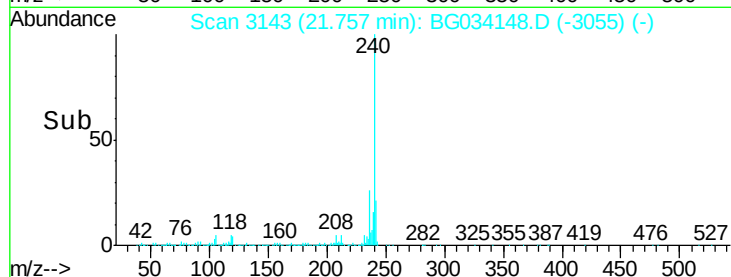
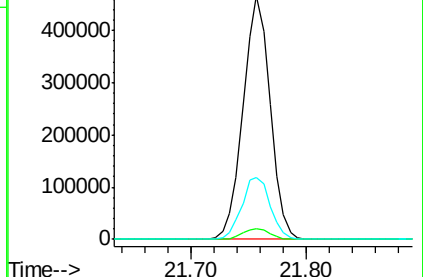
236 25.6 20.9 31.3



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



#78

Terphenyl-d14

Concen: 90.188 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG034148.D

Acq: 3 May 2018 12:42

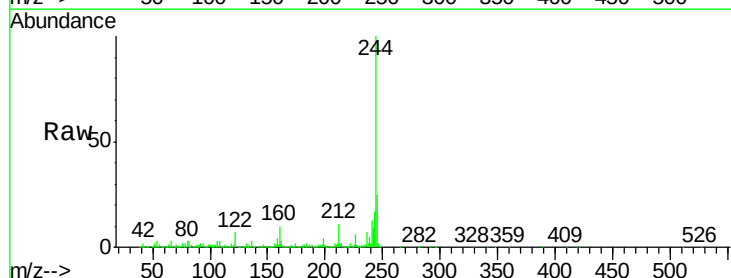
Tgt Ion:244 Resp: 3121680

Ion Ratio Lower Upper

244 100

212 11.0 5.8 8.8#

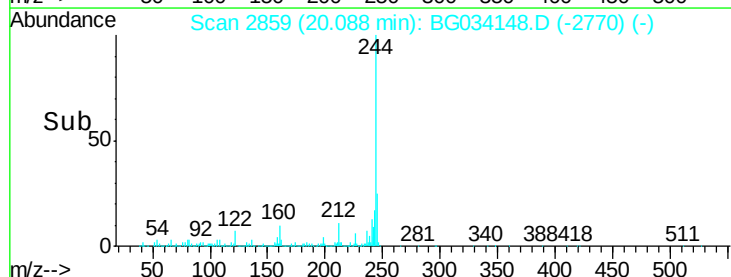
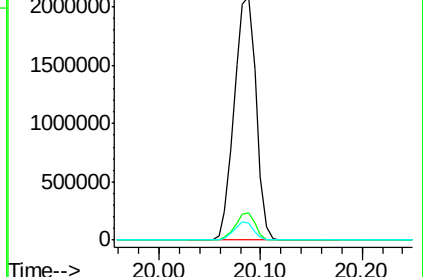
122 6.8 7.0 10.4#

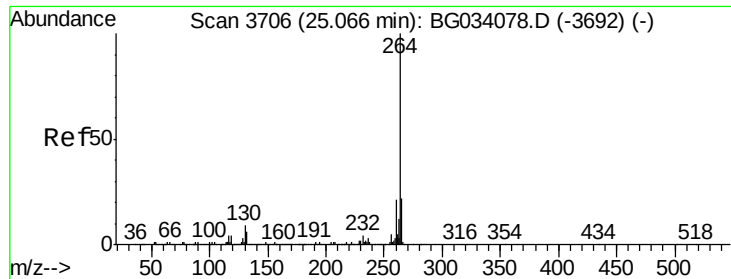


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.05 min Scan# 3703
 Delta R.T. -0.02 min
 Lab File: BG034148.D
 Acq: 3 May 2018 12:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.6	17.7	26.5

