

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034136.D
 Acq On : 3 May 2018 3:47
 Operator : SJ/JU
 Sample : PB108811TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 03 04:51:04 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

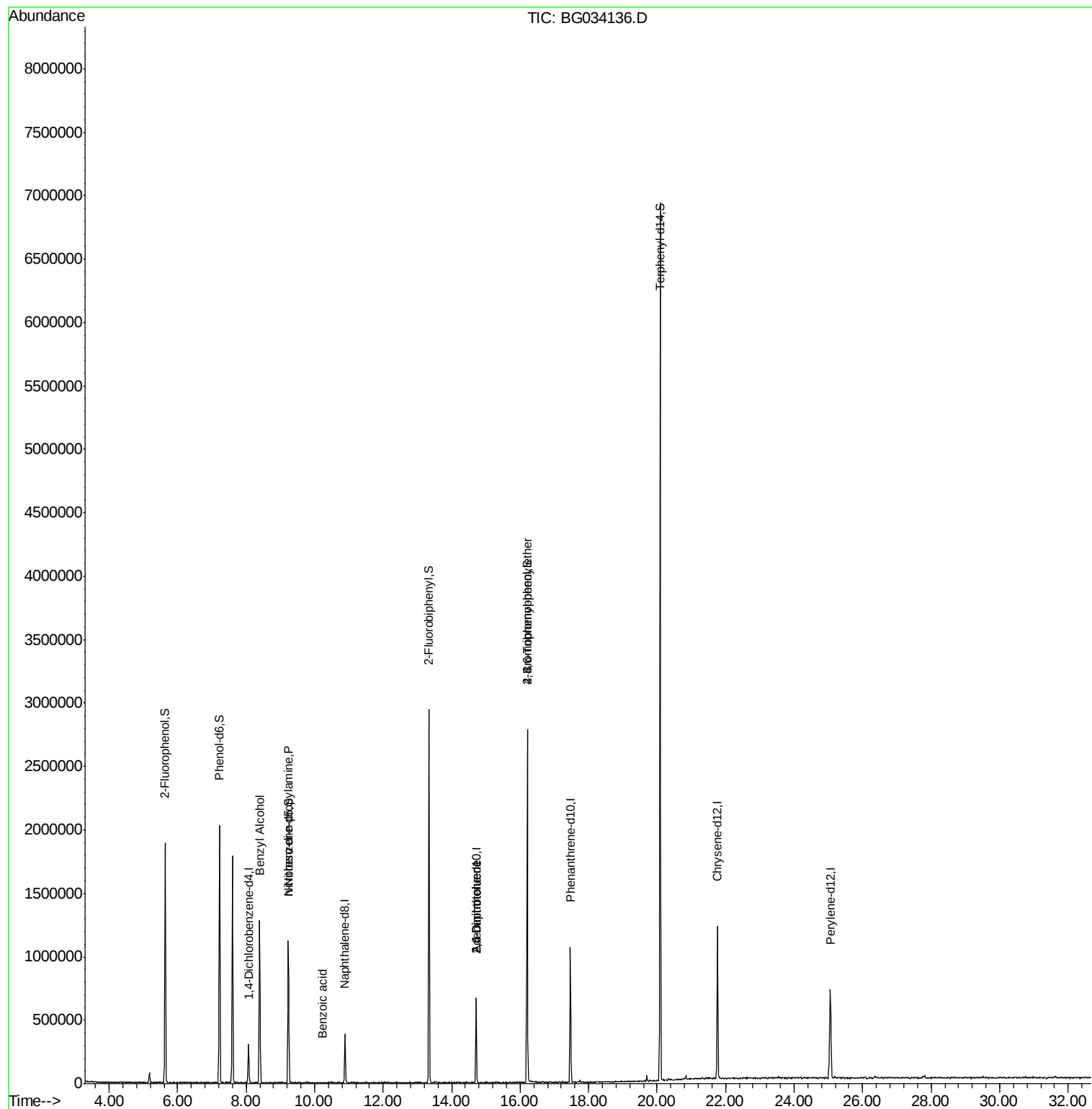
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	70400	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	278981	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	227745	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	644288	20.00	ng	0.00
75) Chrysene-d12	21.76	240	766969	20.00	ng	-0.01
86) Perylene-d12	25.06	264	758726	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	666686	153.00	ng	0.00
7) Phenol-d6	7.22	99	984779	145.17	ng	0.00
23) Nitrobenzene-d5	9.23	82	672716	92.52	ng	-0.01
41) 2,4,6-Tribromophenol	16.20	330	459628	145.75	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1418029	90.73	ng	-0.01
78) Terphenyl-d14	20.09	244	3030860	86.57	ng	0.00
Target Compounds						
9) Benzaldehyde	7.22	77	3073	Below Cal	#	5
15) Benzyl Alcohol	8.40	79	14977	2.07 ng	#	27
19) n-Nitroso-di-n-propylamine	9.23	70	107209	17.60 ng	#	74
32) Benzoic acid	10.25	122	59	3.13 ng	#	28
50) 2,6-Dinitrotoluene	14.71	165	29929	7.89 ng	#	23
56) 2,4-Dinitrotoluene	14.71	165	29929	5.81 ng	#	21
66) 4-Bromophenyl-phenylether	16.20	248	39793	4.97 ng	#	1

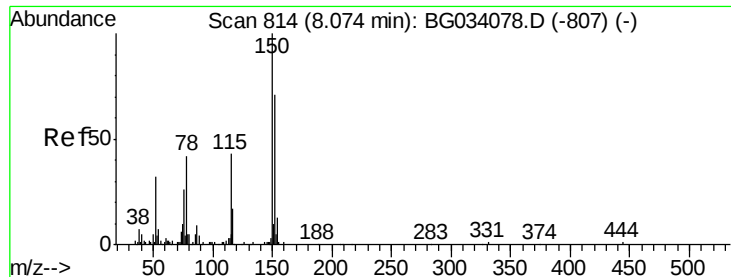
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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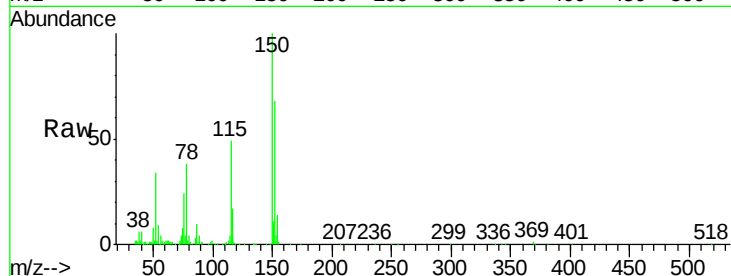


#1

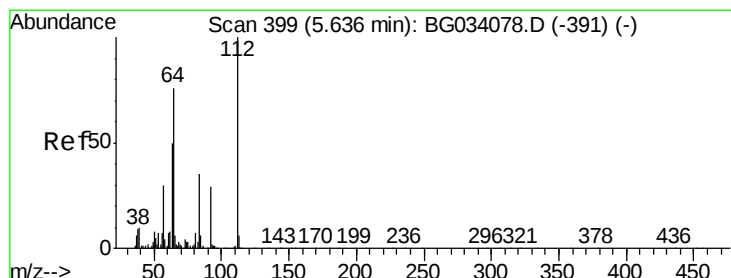
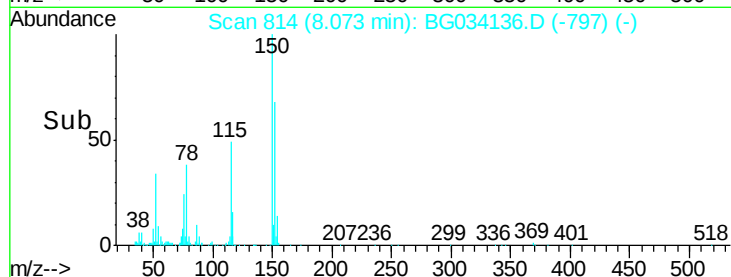
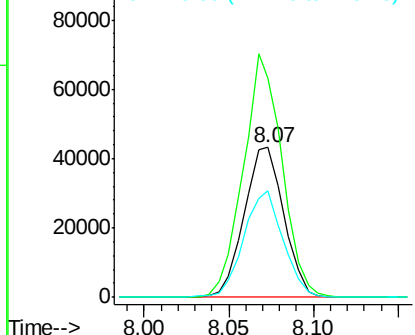
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG034136.D
Acq: 3 May 2018 3:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.6	126.6	189.8
115	71.4	53.0	79.4



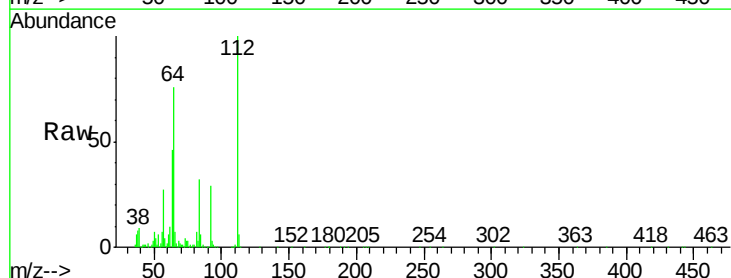
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



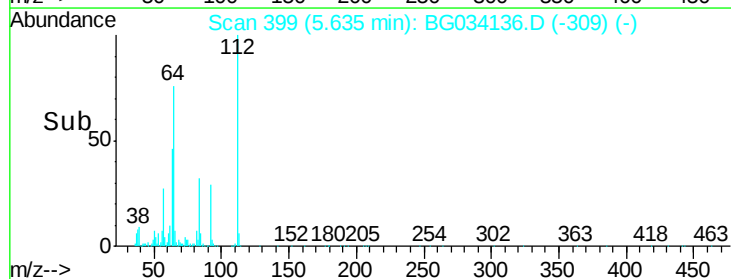
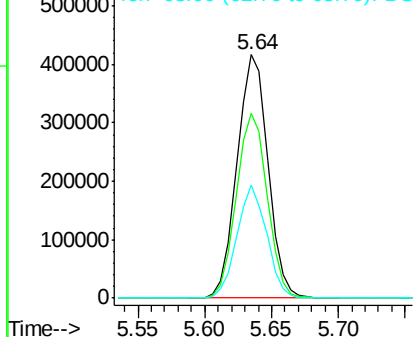
#5

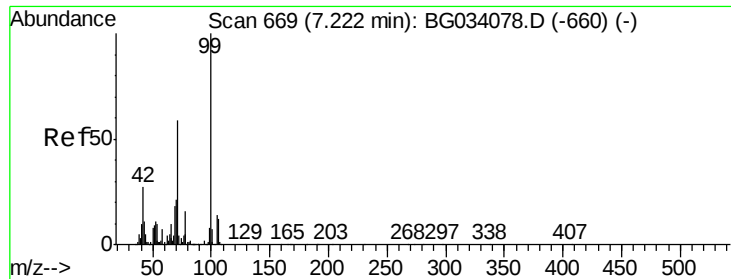
2-Fluorophenol
Concen: 153.00 ng
RT: 5.64 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG034136.D
Acq: 3 May 2018 3:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.7	56.3	84.5
63	46.4	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: 145.17 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034136.D

Acq: 3 May 2018 3:47

Instrument :

BNA_G

ClientSampleId :

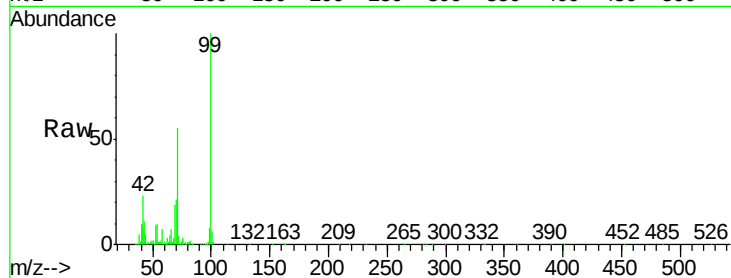
Tot Ion: 99 Resp: 984779

Ion Ratio Lower Upper

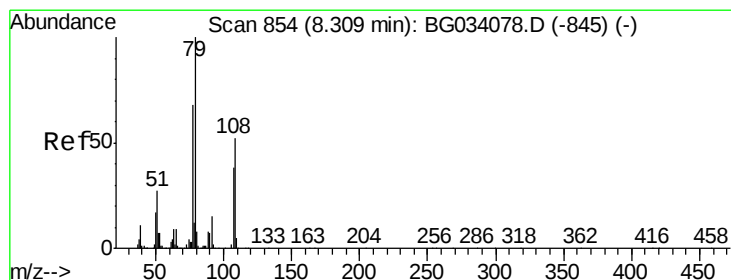
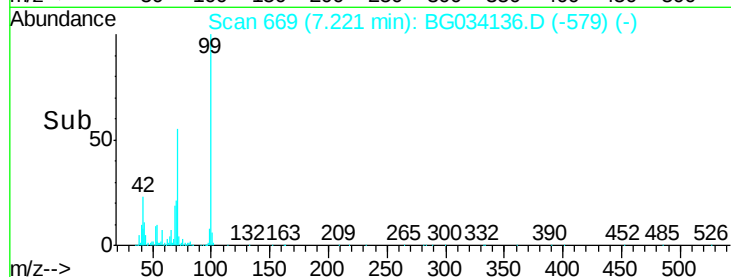
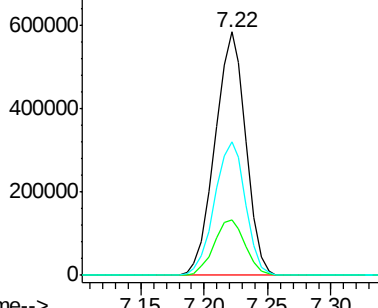
99 100

42 22.6 14.1 21.1#

71 55.0 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: 2.07 ng

RT: 8.40 min Scan# 869

Delta R.T. 0.09 min

Lab File: BG034136.D

Acq: 3 May 2018 3:47

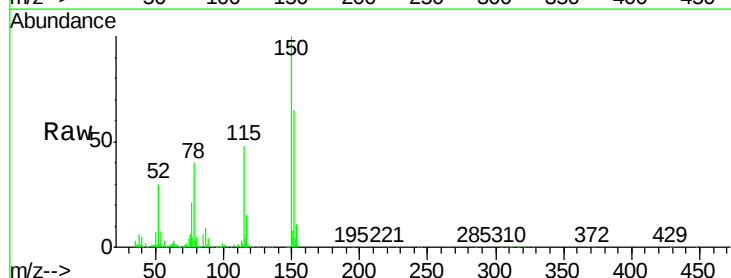
Tgt Ion: 79 Resp: 14977

Ion Ratio Lower Upper

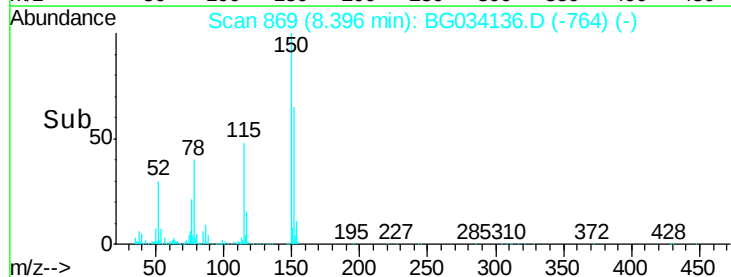
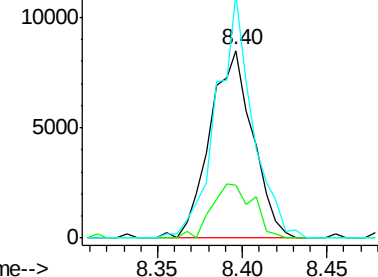
79 100

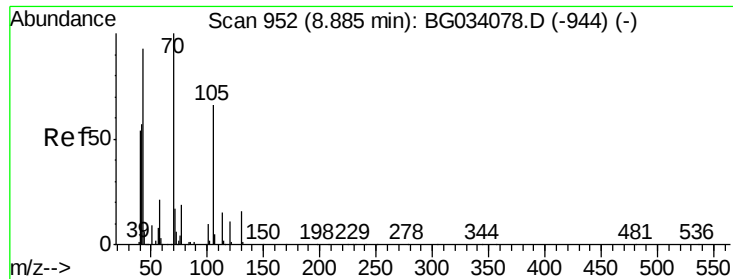
108 28.0 57.2 85.8#

77 129.9 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

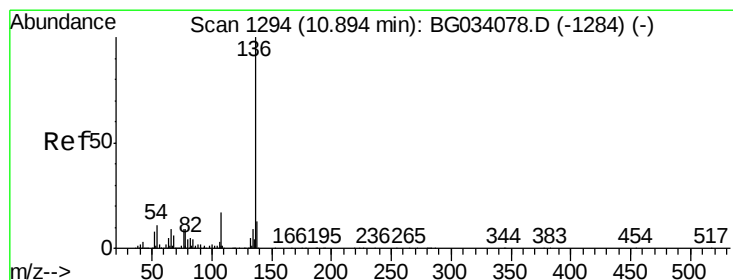
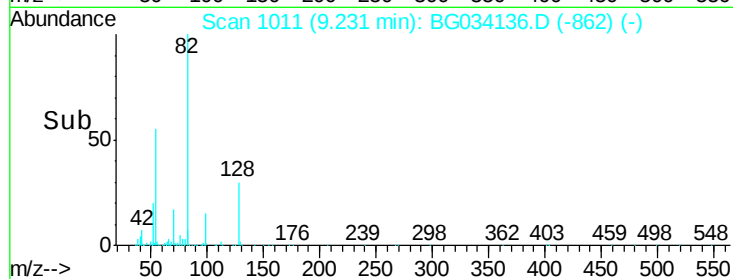
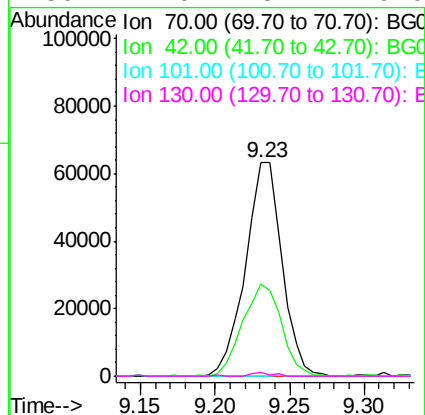
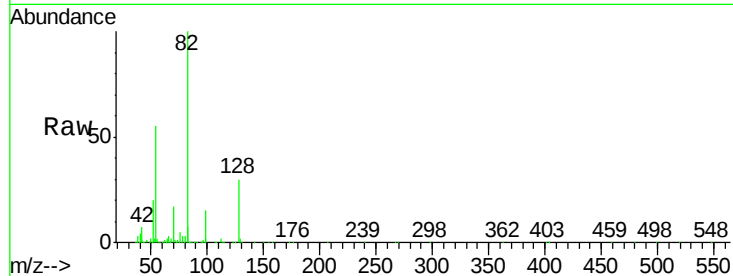




#19
n-Nitroso-di-n-propylamine
Concen: 17.60 ng
RT: 9.23 min Scan# 1011
Delta R.T. 0.35 min
Lab File: BG034136.D
Acq: 3 May 2018 3:47

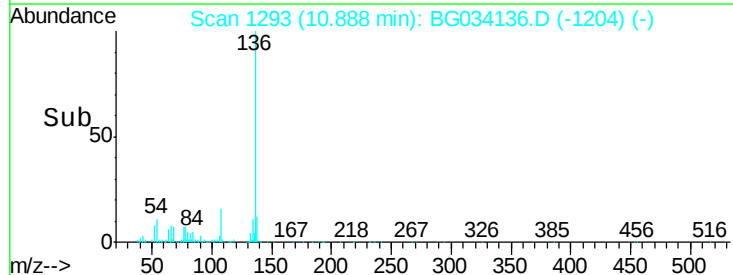
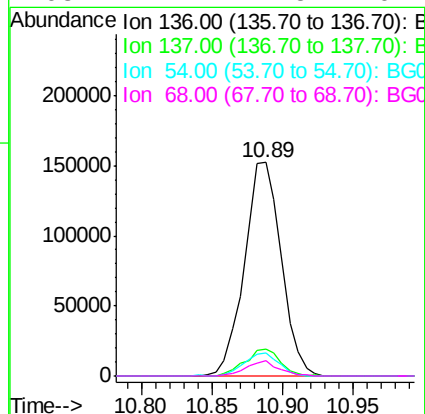
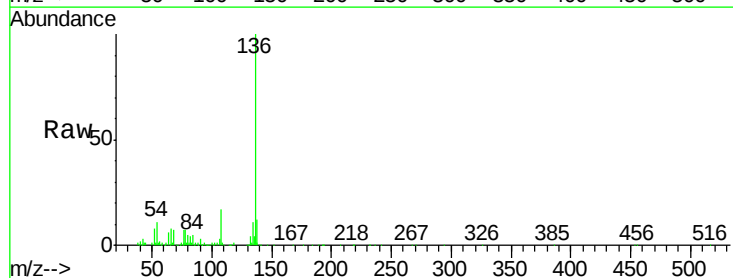
Instrument :
BNA_G
ClientSampleId :

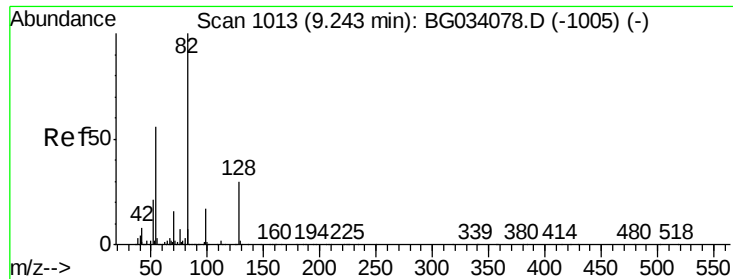
Tot Ion:	70	Resp:	107209
Ion Ratio	Lower	Upper	
70	100		
42	43.0	49.1	73.7#
101	0.0	8.5	12.7#
130	2.0	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG034136.D
Acq: 3 May 2018 3:47

Tgt Ion:	136	Resp:	278981
Ion Ratio	Lower	Upper	
136	100		
137	12.5	9.2	13.8
54	10.6	10.3	15.5
68	7.4	4.5	6.7#

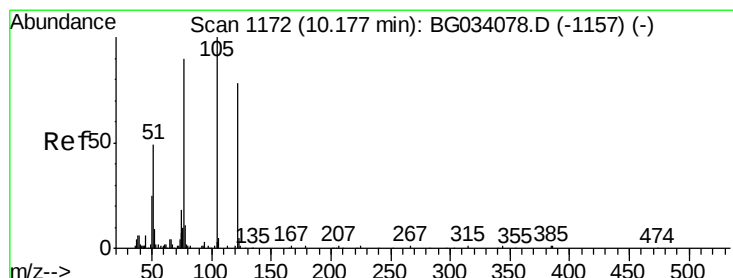
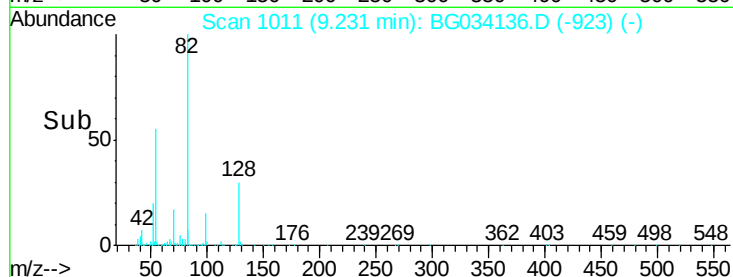
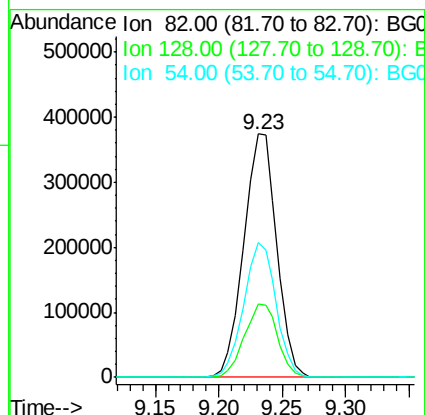
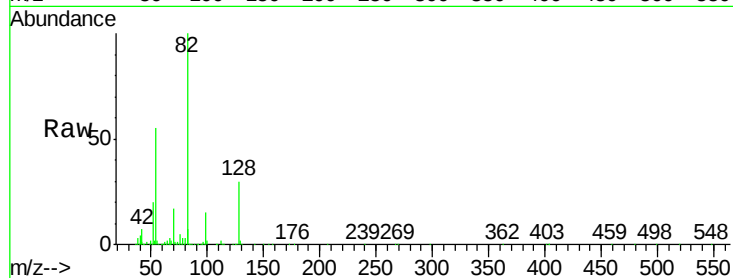




#23
Nitrobenzene-d5
Concen: 92.52 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG034136.D
Acq: 3 May 2018 3:47

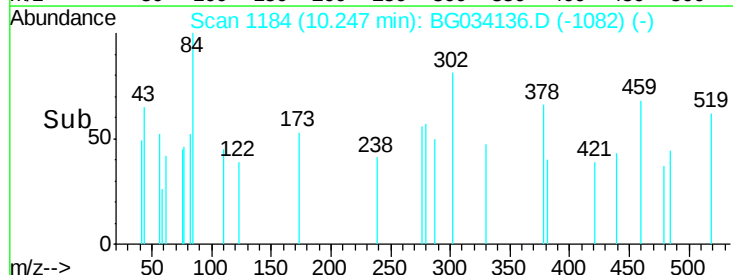
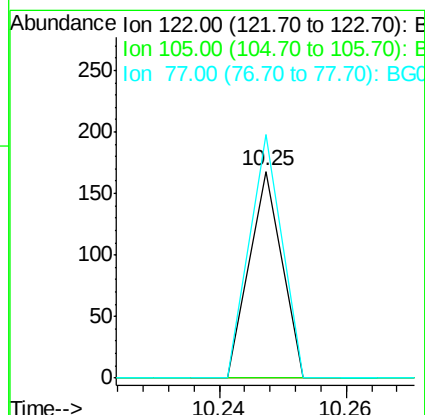
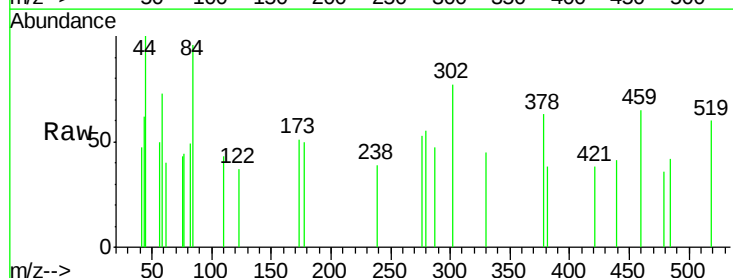
Instrument :
BNA_G
ClientSampled :

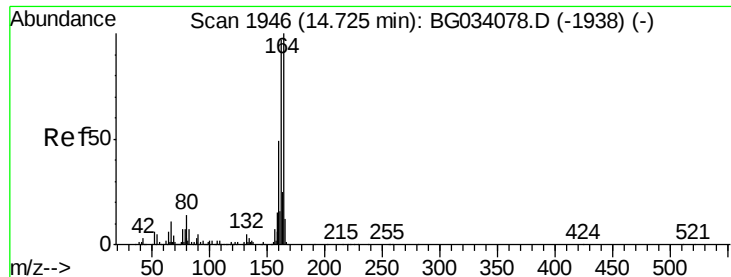
Tot Ion: 82 Resp: 672716
Ion Ratio Lower Upper
82 100
128 30.1 29.7 44.5
54 55.2 43.1 64.7



#32
Benzoic acid
Concen: 3.13 ng
RT: 10.25 min Scan# 1184
Delta R.T. 0.07 min
Lab File: BG034136.D
Acq: 3 May 2018 3:47

Tgt Ion: 122 Resp: 59
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 117.9 85.7 125.7

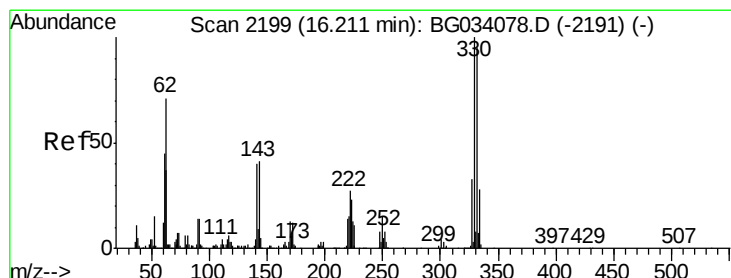
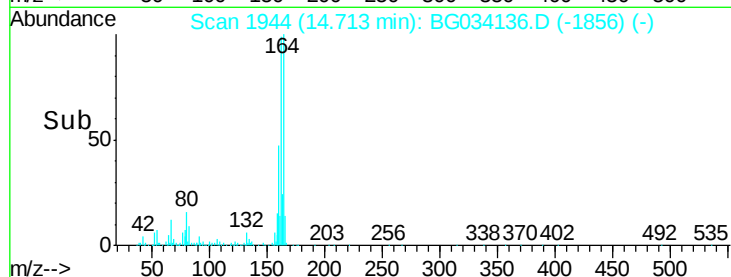
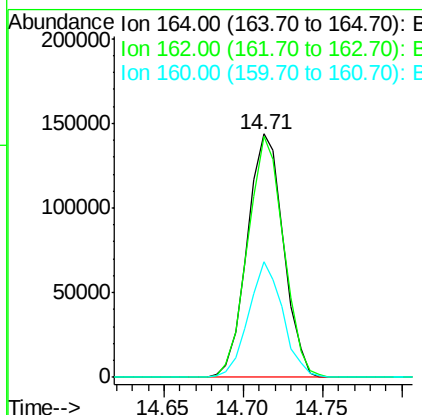
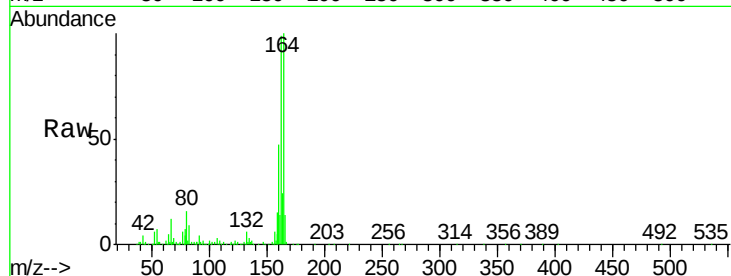




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG034136.D
Acq: 3 May 2018 3:47

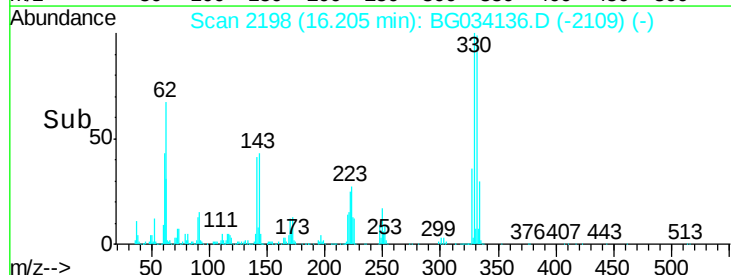
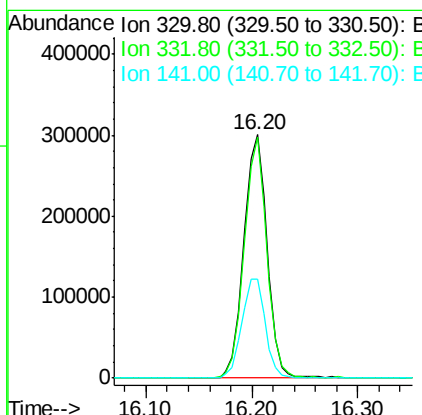
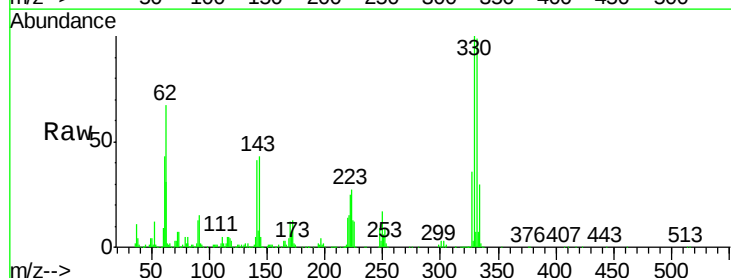
Instrument :
BNA_G
ClientSampleId :

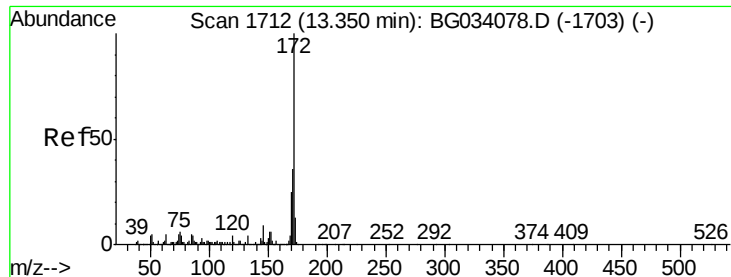
Tot Ion	Ratio	Lower	Upper
164	100		
162	98.9	78.8	118.2
160	47.4	35.4	53.0



#41
2,4,6-Tribromophenol
Concen: 145.75 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG034136.D
Acq: 3 May 2018 3:47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	41.2	25.2	37.8

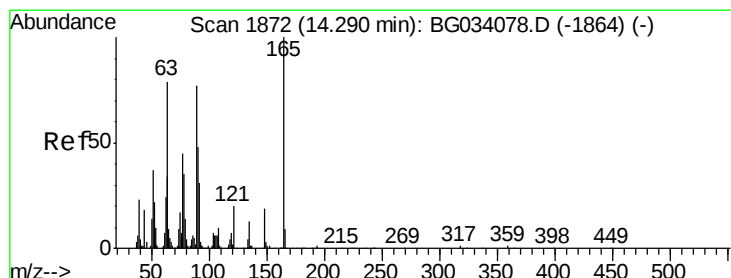
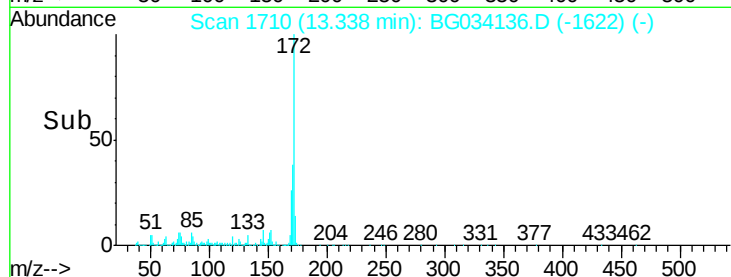
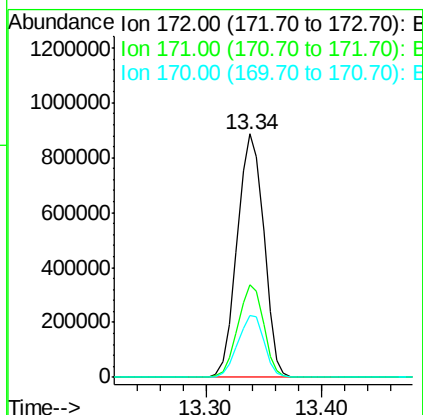
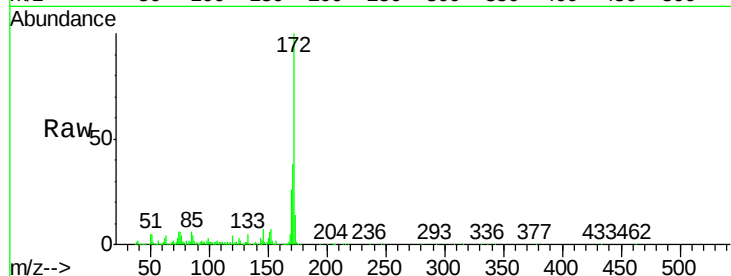




#44
2-Fluorobiphenyl
Concen: 90.73 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG034136.D
Acq: 3 May 2018 3:47

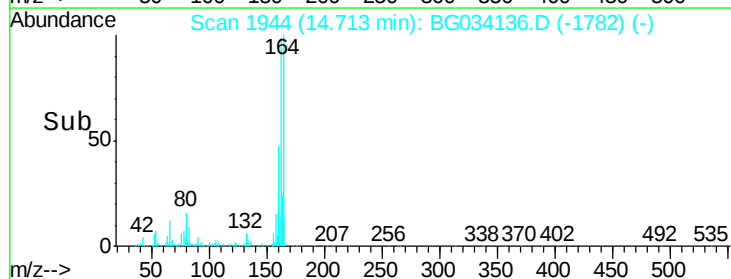
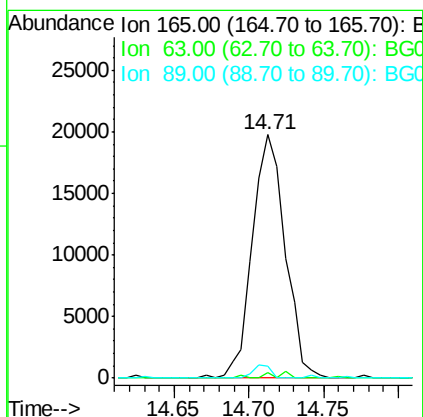
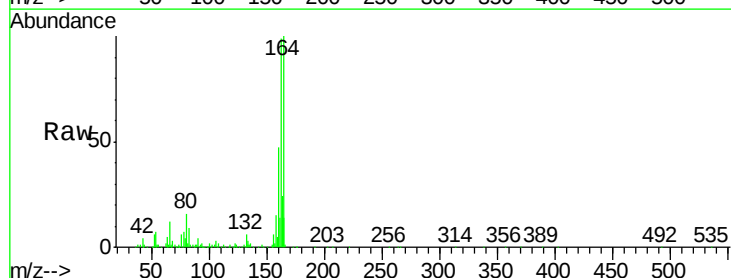
Instrument :
BNA_G
ClientSampleId :

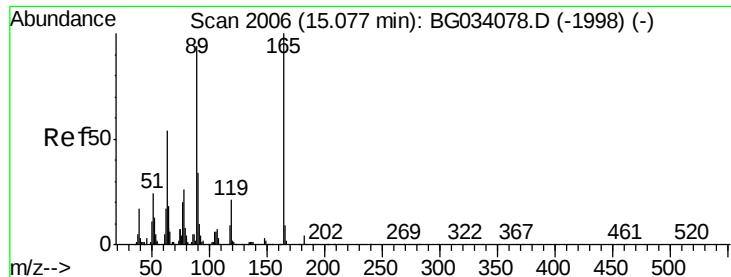
Tot Ion:172 Resp: 1418029
Ion Ratio Lower Upper
172 100
171 38.0 30.0 45.0
170 25.6 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 7.89 ng
RT: 14.71 min Scan# 1944
Delta R.T. 0.42 min
Lab File: BG034136.D
Acq: 3 May 2018 3:47

Tgt Ion:165 Resp: 29929
Ion Ratio Lower Upper
165 100
63 2.1 52.7 79.1#
89 4.9 49.2 73.8#

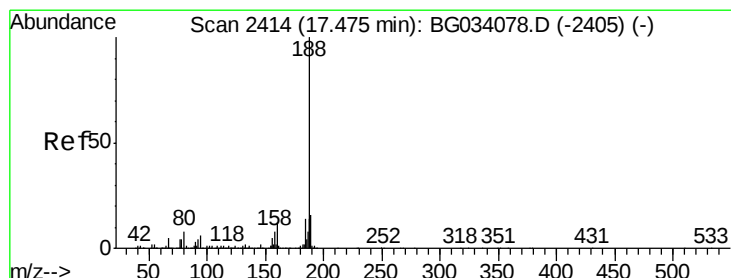
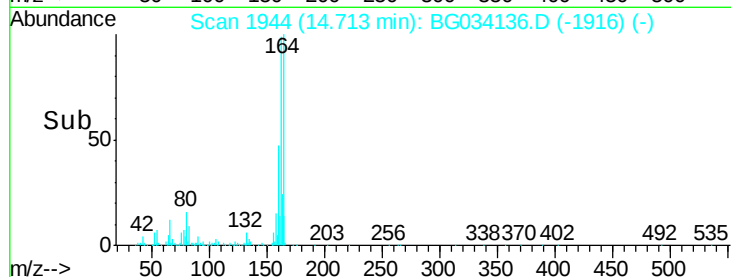
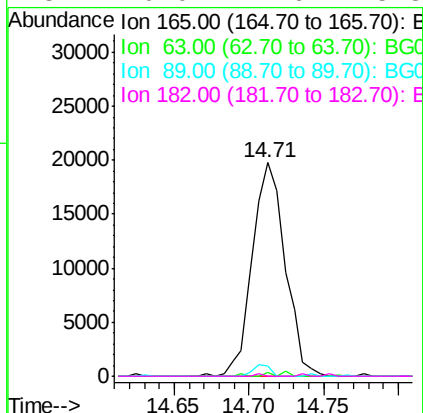
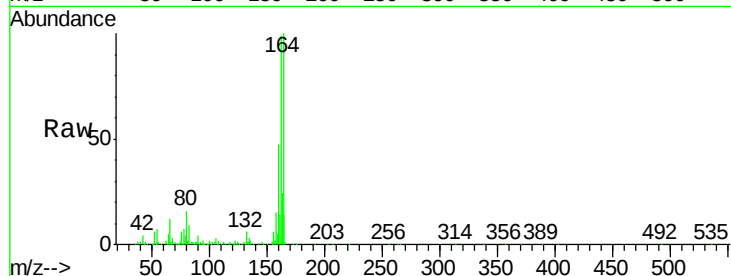




#56
 2,4-Dinitrotoluene
 Concen: 5.81 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.36 min
 Lab File: BG034136.D
 Acq: 3 May 2018 3:47

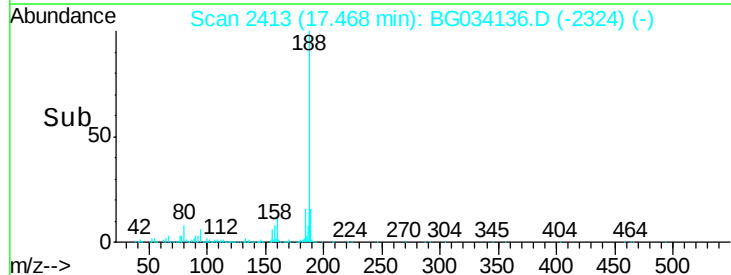
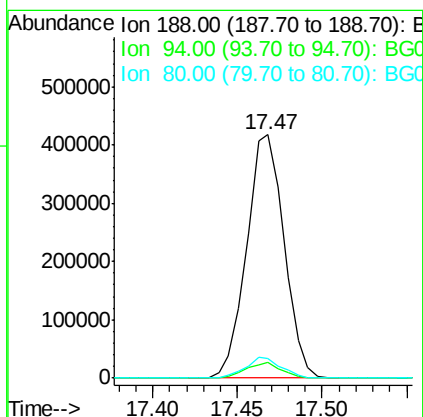
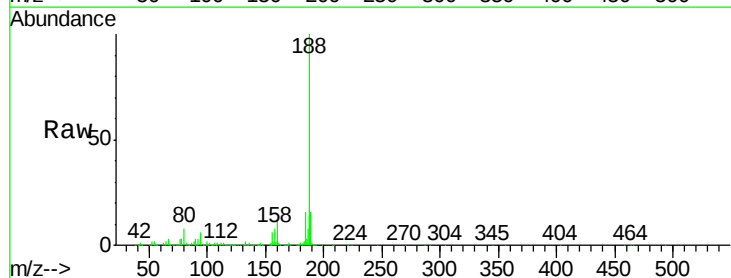
Instrument :
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 ClientSampleId :

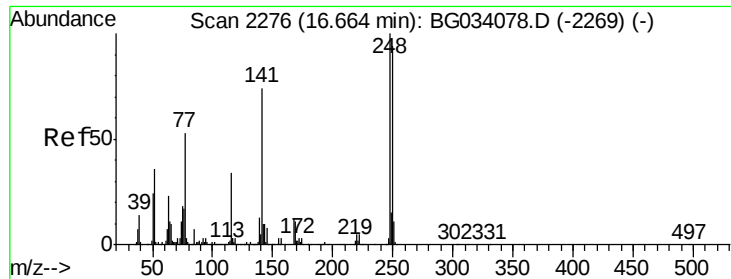
Tot Ion:165 Resp: 29929
 Ion Ratio Lower Upper
 165 100
 63 2.1 42.0 63.0#
 89 4.9 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG034136.D
 Acq: 3 May 2018 3:47

Tgt Ion:188 Resp: 644288
 Ion Ratio Lower Upper
 188 100
 94 6.5 6.9 10.3#
 80 8.0 7.7 11.5

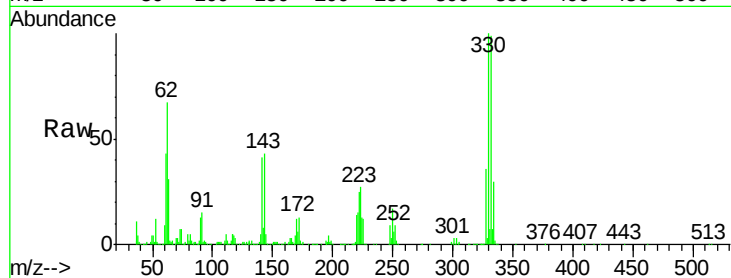




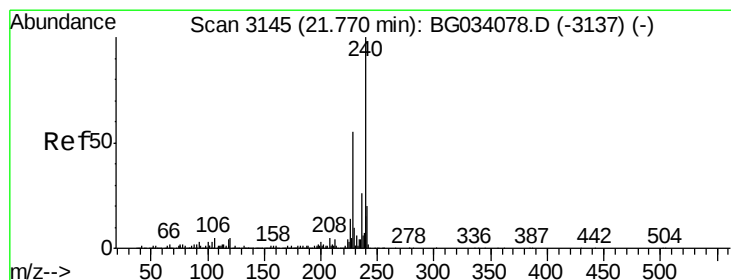
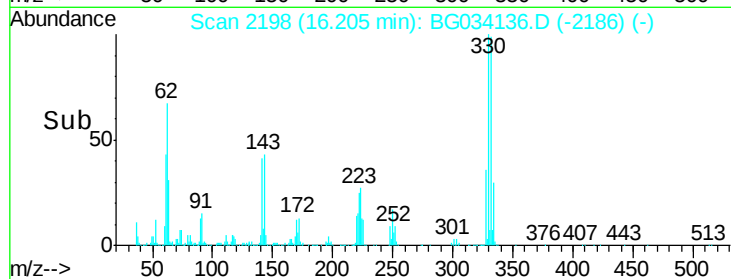
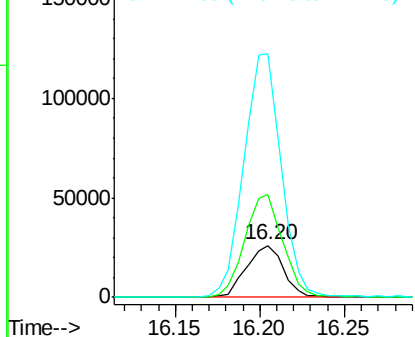
#66
4-Bromophenyl-phenylether
Concen: 4.97 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.46 min
Lab File: BG034136.D
Acq: 3 May 2018 3:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 39793
Ion Ratio Lower Upper
248 100
250 198.7 77.1 115.7#
141 470.8 50.8 76.2#

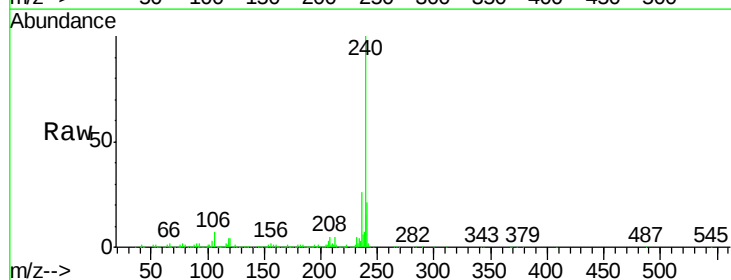


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

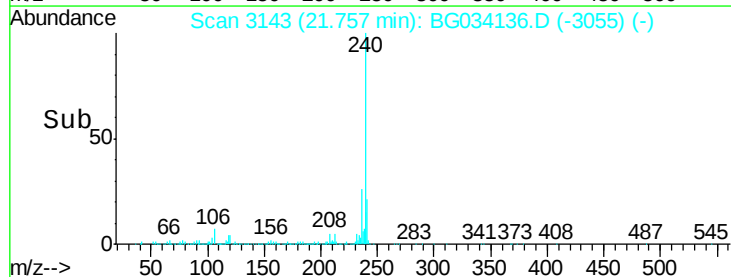
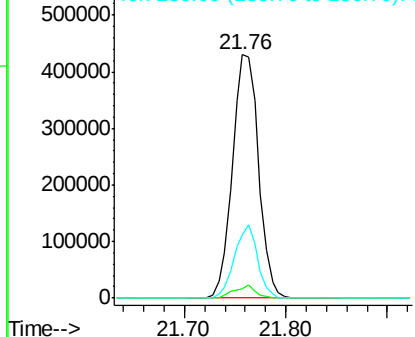


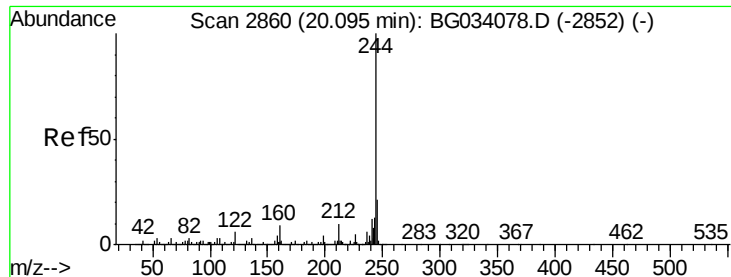
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BG034136.D
Acq: 3 May 2018 3:47

Tgt Ion:240 Resp: 766969
Ion Ratio Lower Upper
240 100
120 4.1 6.8 10.2#
236 26.2 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: 86.57 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG034136.D

Acq: 3 May 2018 3:47

Instrument :

BNA_G

ClientSampled :

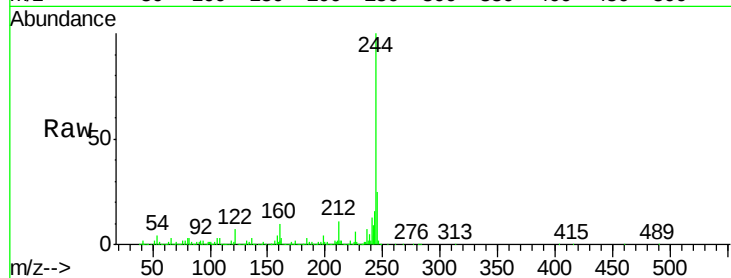
Tot Ion:244 Resp: 3030860

Ion Ratio Lower Upper

244 100

212 11.0 5.8 8.8#

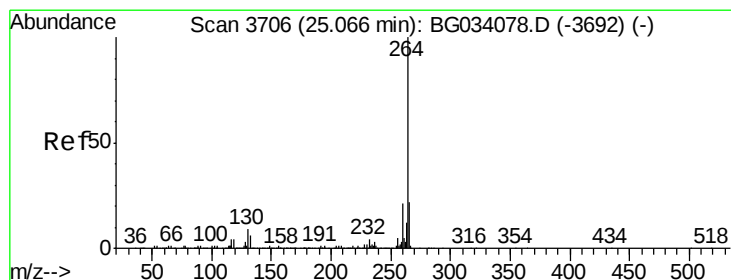
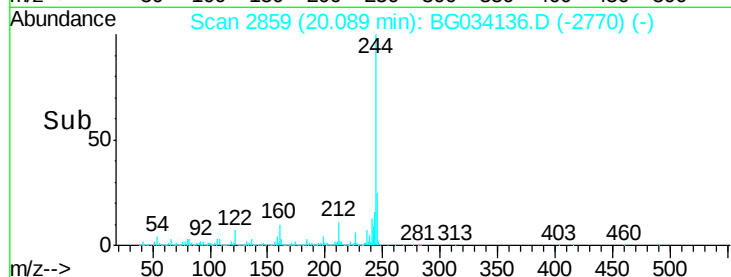
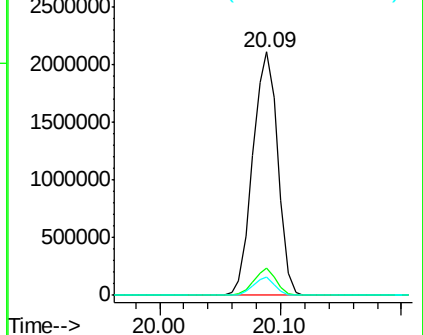
122 7.3 7.0 10.4



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: 20.00 ng

RT: 25.06 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG034136.D

Acq: 3 May 2018 3:47

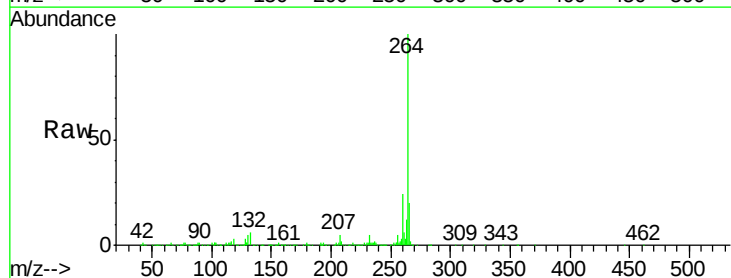
Tgt Ion:264 Resp: 758726

Ion Ratio Lower Upper

264 100

260 23.6 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

