

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050118\
 Data File : BG034114.D
 Acq On : 2 May 2018 13:44
 Operator : SJ/JU
 Sample : J2616-12
 Misc : 8PPM MDL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 02 14:31:51 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

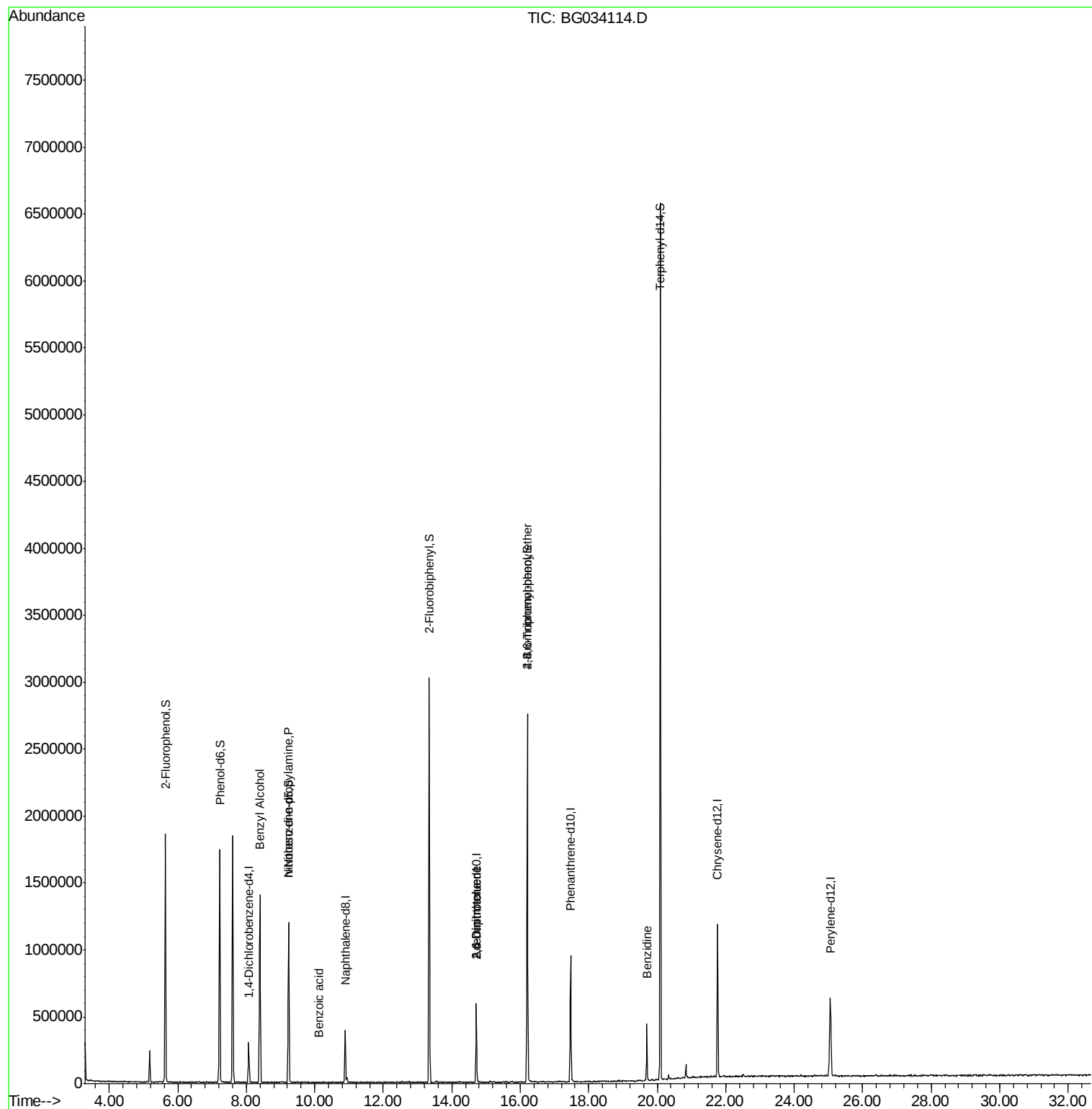
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	71458	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	277425	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	200656	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	569637	20.00	ng	0.00
75) Chrysene-d12	21.76	240	695938	20.00	ng	0.00
86) Perylene-d12	25.05	264	671703	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	635796	143.75	ng	0.00
7) Phenol-d6	7.22	99	838490	121.77	ng	0.00
23) Nitrobenzene-d5	9.23	82	737920	102.05	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	444630	160.03	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1460598	106.07	ng	0.00
78) Terphenyl-d14	20.09	244	2965705	93.35	ng	0.00
Target Compounds						
9) Benzaldehyde	7.24	77	2742	Below Cal	Qvalue	# 5
15) Benzyl Alcohol	8.40	79	15001	2.042 ng	#	40
19) n-Nitroso-di-n-propylamine	9.23	70	116811	18.890 ng	#	74
32) Benzoic acid	10.10	122	127	3.153 ng	#	1
50) 2,6-Dinitrotoluene	14.72	165	27445	8.213 ng	#	22
56) 2,4-Dinitrotoluene	14.72	165	27445	6.048 ng	#	20
66) 4-Bromophenyl-phenylether	16.20	248	39481	5.582 ng	#	1
76) Benzydine	19.70	184	222211	12.396 ng		98

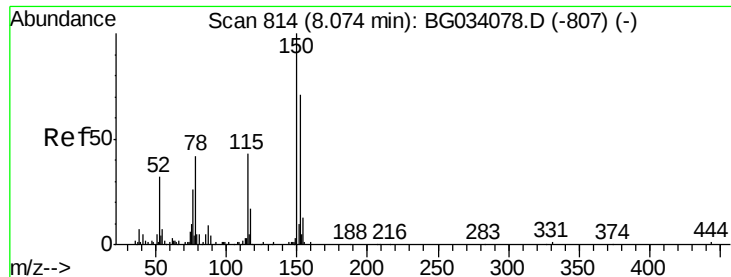
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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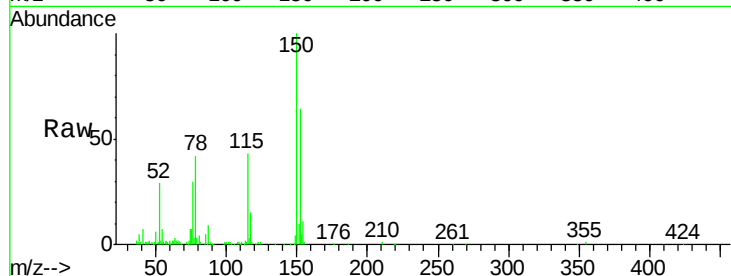


#1

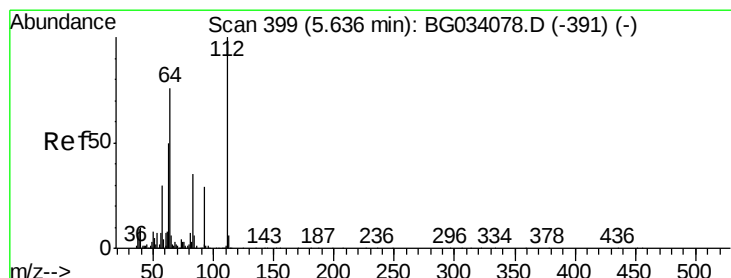
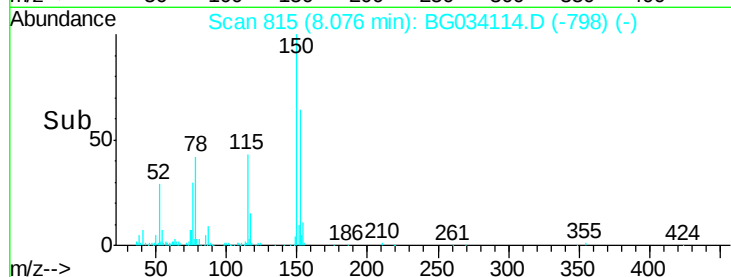
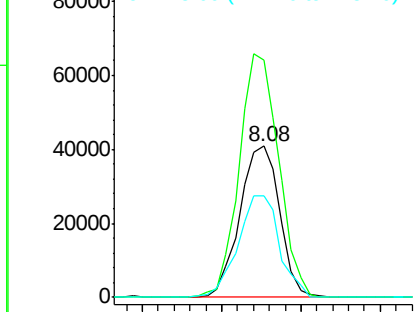
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. 0.00 min
Lab File: BG034114.D
Acq: 2 May 2018 13:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 71458
Ion Ratio Lower Upper
152 100
150 156.7 126.6 189.8
115 67.3 53.0 79.4



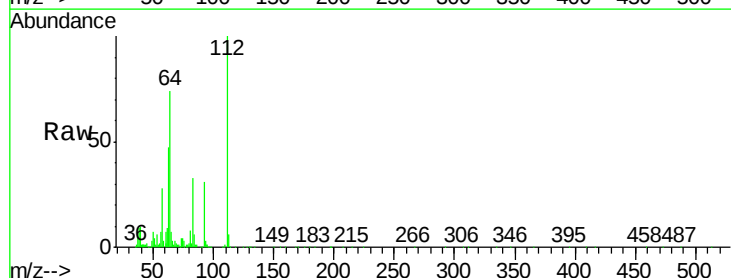
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



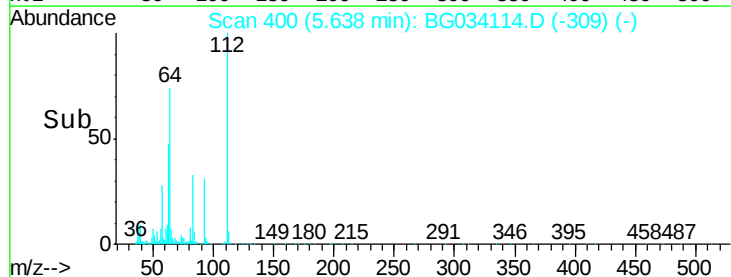
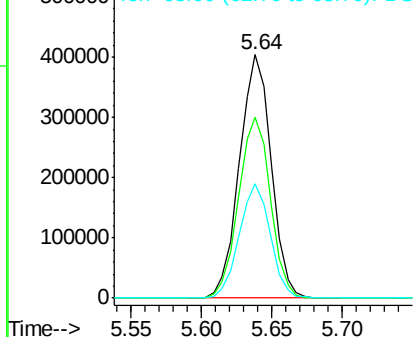
#5

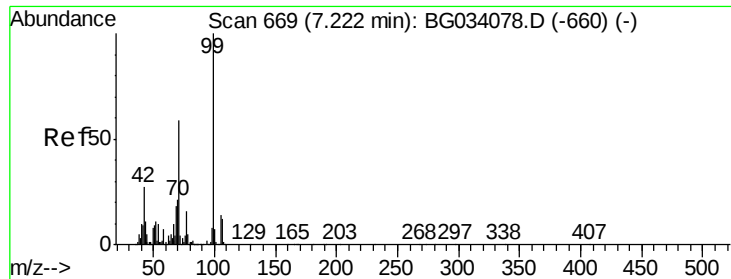
2-Fluorophenol
Concen: 143.750 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.00 min
Lab File: BG034114.D
Acq: 2 May 2018 13:44

Tgt Ion:112 Resp: 635796
Ion Ratio Lower Upper
112 100
64 74.3 56.3 84.5
63 47.2 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: 121.774 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampleId :

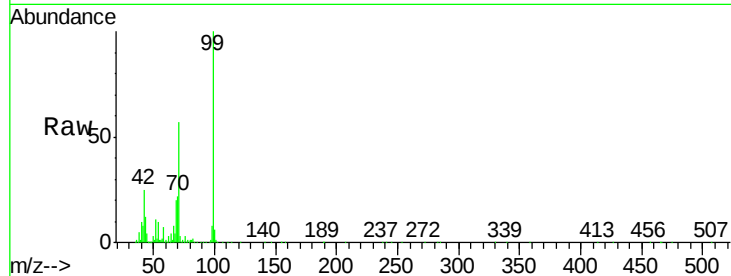
Tot Ion: 99 Resp: 838490

Ion Ratio Lower Upper

99 100

42 24.7 14.1 21.1#

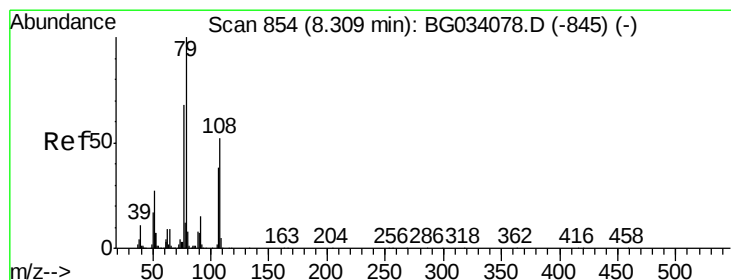
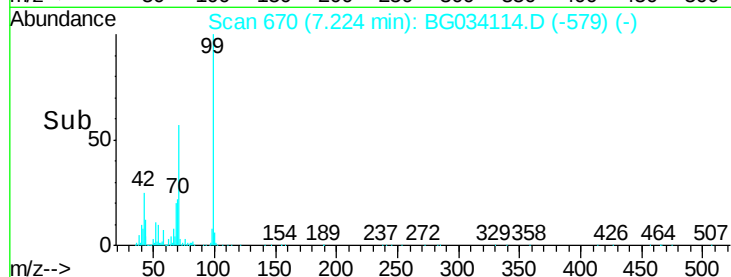
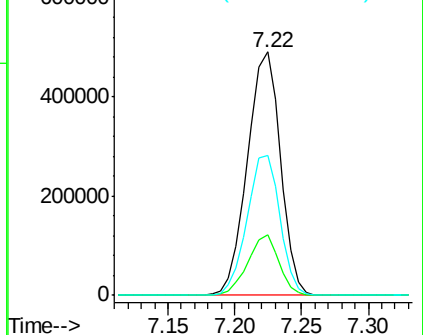
71 57.5 26.1 39.1#



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: 2.042 ng

RT: 8.40 min Scan# 870

Delta R.T. 0.09 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

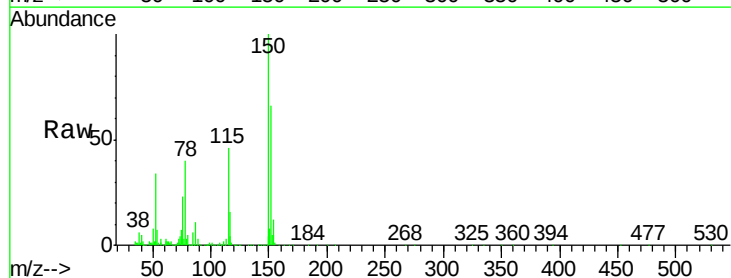
Tgt Ion: 79 Resp: 15001

Ion Ratio Lower Upper

79 100

108 33.9 57.2 85.8#

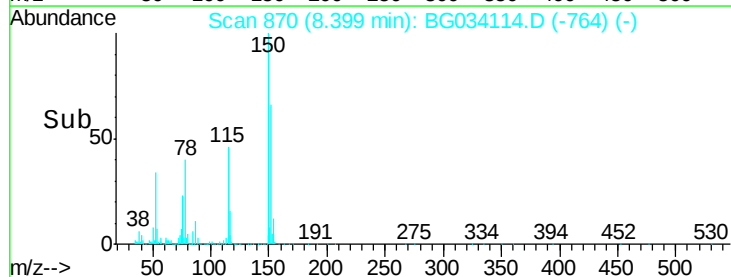
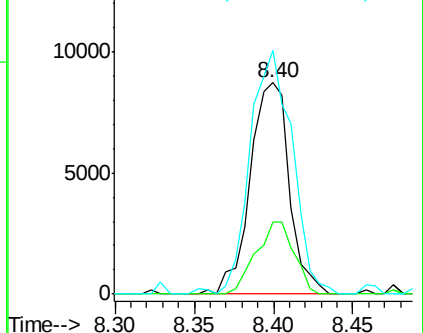
77 115.3 46.1 69.1#

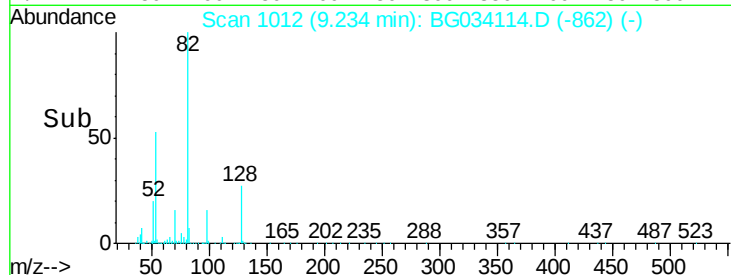
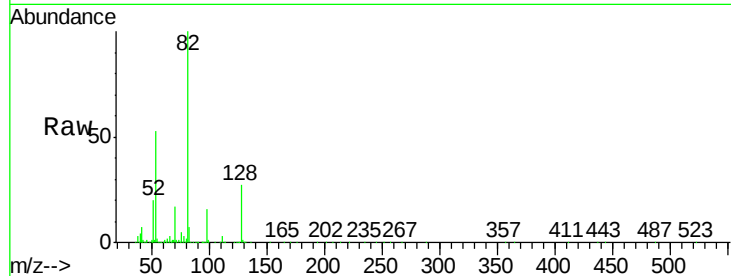
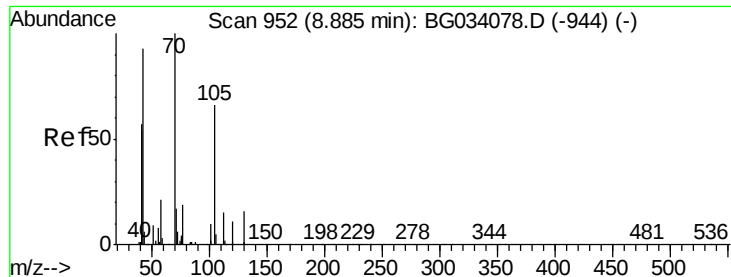


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

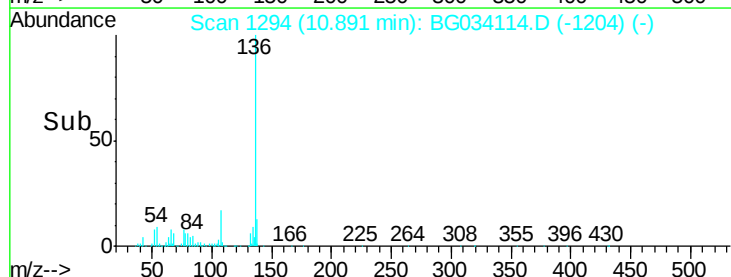
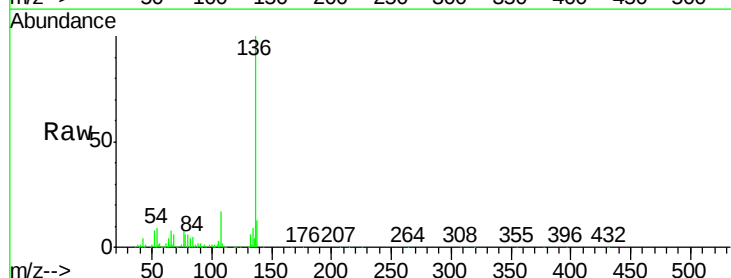
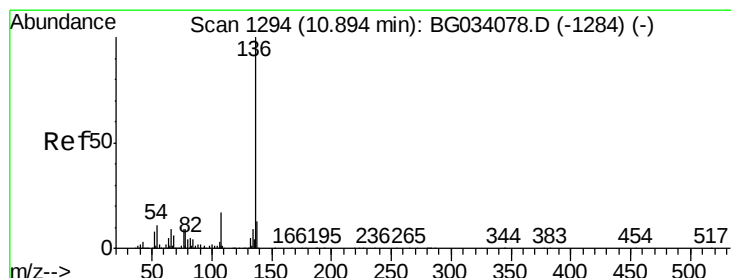
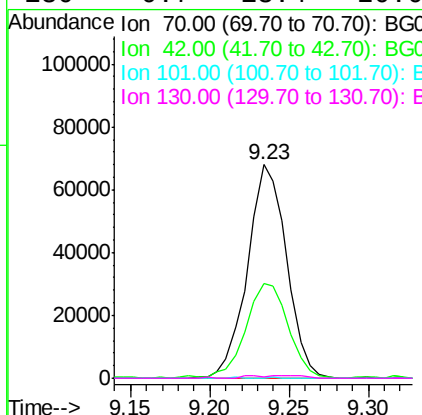




#19
n-Nitroso-di-n-propylamine
Concen: 18.890 ng
RT: 9.23 min Scan# 1012
Delta R.T. 0.35 min
Lab File: BG034114.D
Acq: 2 May 2018 13:44

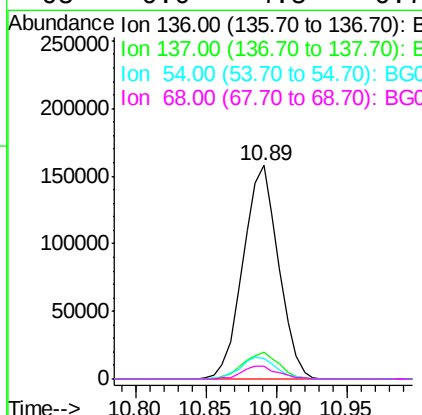
Instrument :
BNA_G
ClientSampleId :

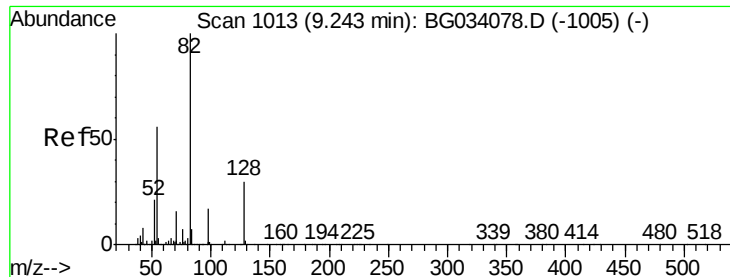
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.2	49.1	73.7#
101	0.0	8.5	12.7#
130	0.7	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG034114.D
Acq: 2 May 2018 13:44

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.2	13.8
54	9.4	10.3	15.5#
68	6.0	4.5	6.7

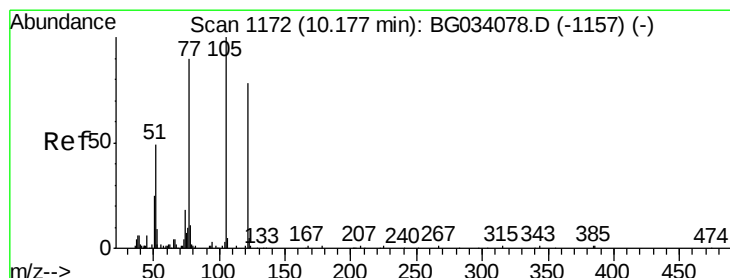
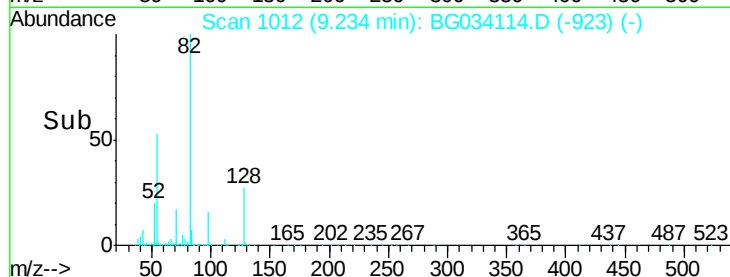
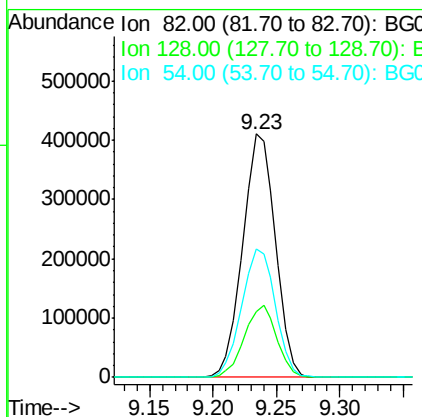
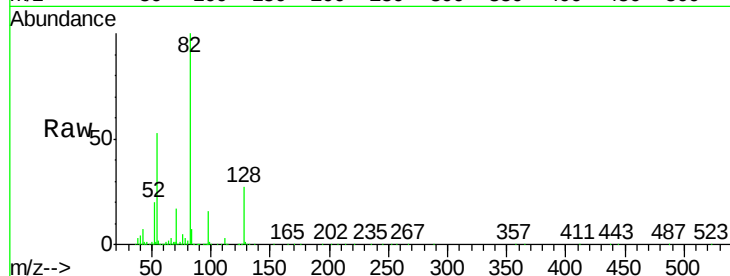




#23
 Nitrobenzene-d5
 Concen: 102.055 ng
 RT: 9.23 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BG034114.D
 Acq: 2 May 2018 13:44

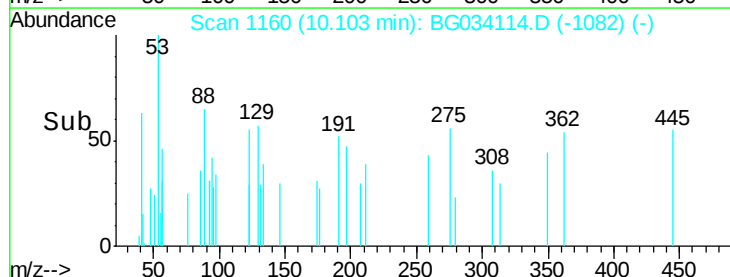
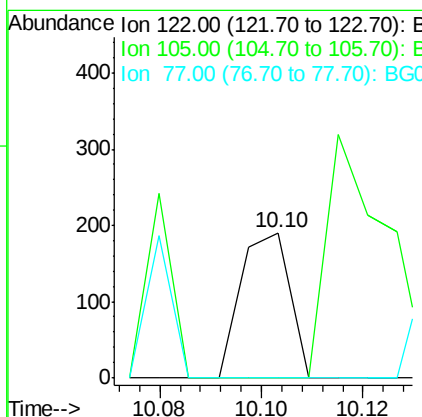
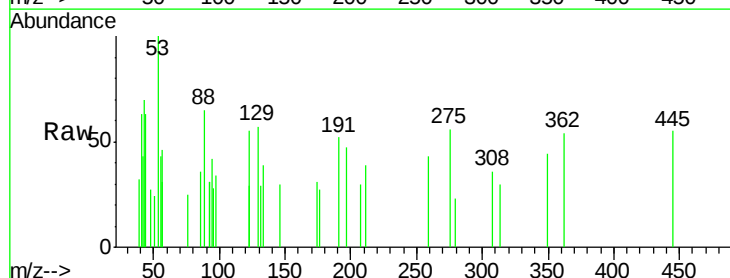
Instrument :
 BNA_G
 ClientSampled :

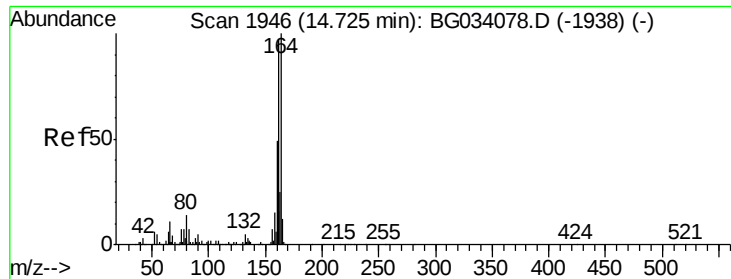
Tot Ion: 82 Resp: 737920
 Ion Ratio Lower Upper
 82 100
 128 27.2 29.7 44.5#
 54 52.6 43.1 64.7



#32
 Benzoic acid
 Concen: 3.153 ng
 RT: 10.10 min Scan# 1160
 Delta R.T. -0.07 min
 Lab File: BG034114.D
 Acq: 2 May 2018 13:44

Tgt Ion: 122 Resp: 127
 Ion Ratio Lower Upper
 122 100
 105 0.0 123.5 163.5#
 77 0.0 85.7 125.7#

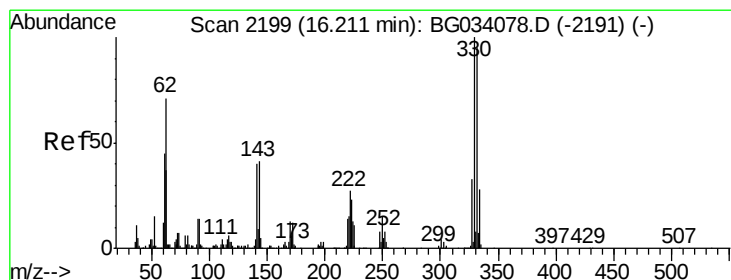
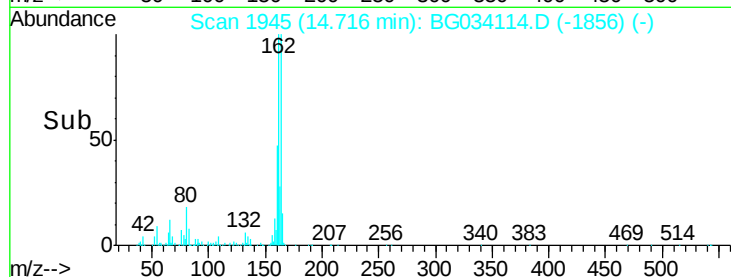
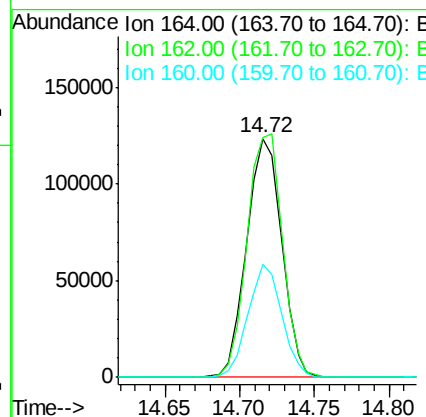
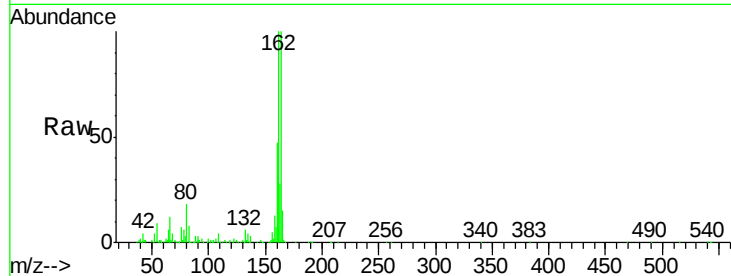




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG034114.D
Acq: 2 May 2018 13:44

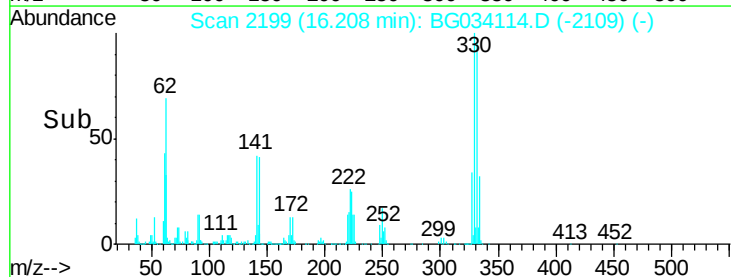
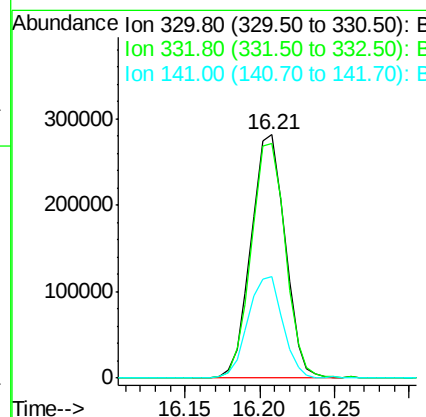
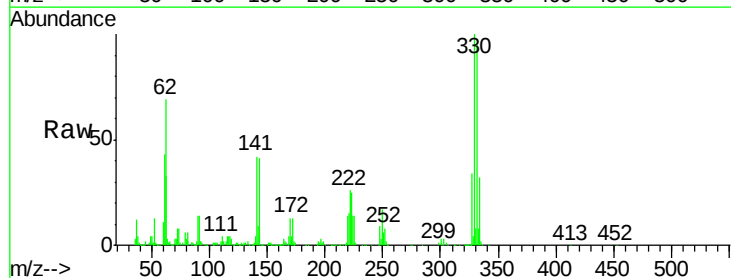
Instrument :
BNA_G
ClientSampleId :

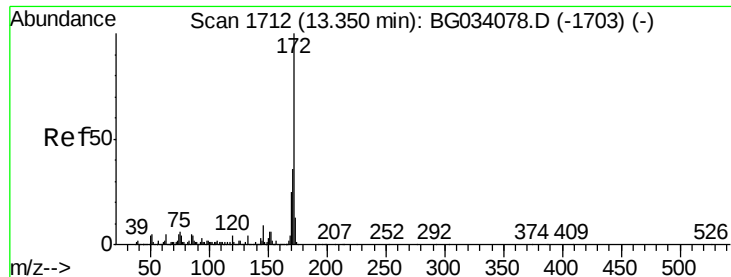
Tot Ion	164	162	160
Resp:	200656		
Ion Ratio	100	100.5	47.1
Lower		78.8	35.4
Upper		118.2	53.0



#41
2,4,6-Tribromophenol
Concen: 160.025 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG034114.D
Acq: 2 May 2018 13:44

Tgt Ion	330	332	141
Resp:	444630		
Ion Ratio	100	96.7	42.6
Lower		77.0	25.2
Upper		115.6	37.8

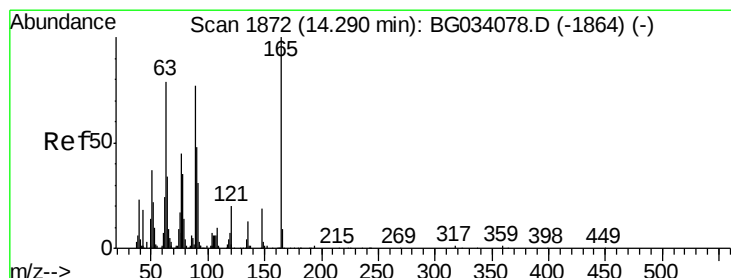
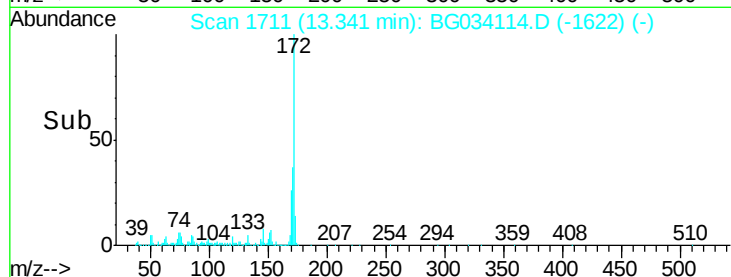
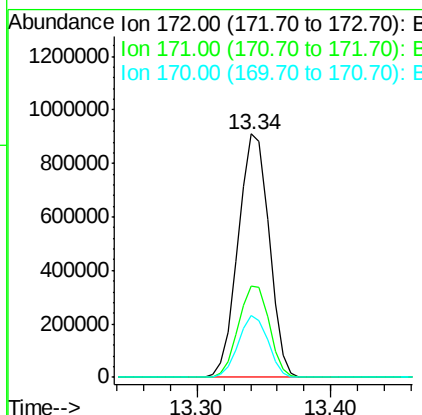
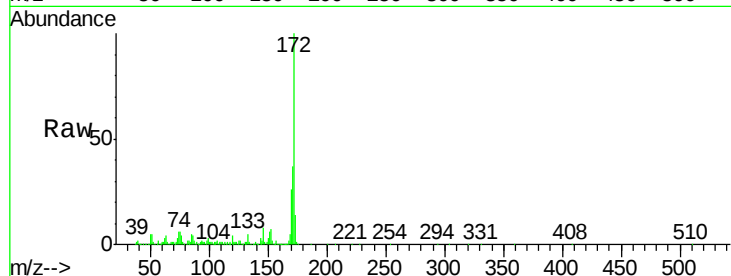




#44
 2-Fluorobiphenyl
 Concen: 106.068 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG034114.D
 Acq: 2 May 2018 13:44

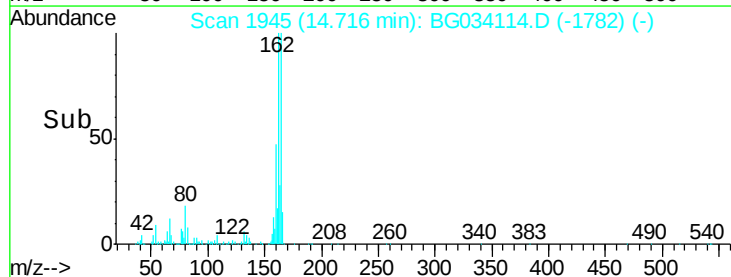
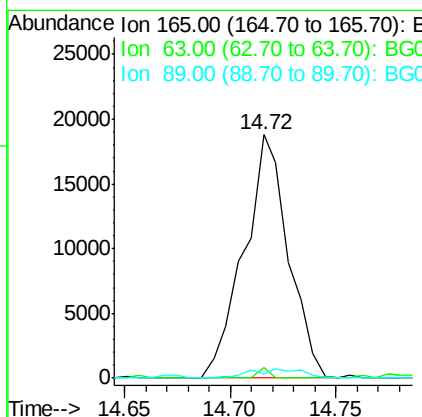
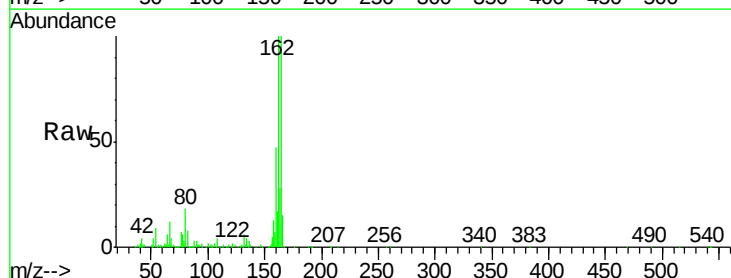
Instrument :
 BNA_G
 ClientSampleId :

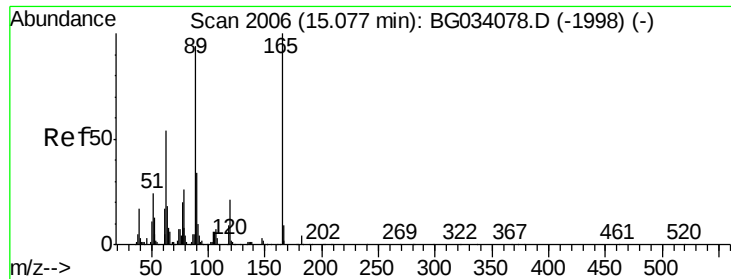
Tot Ion:172 Resp: 1460598
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 25.6 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.213 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.43 min
 Lab File: BG034114.D
 Acq: 2 May 2018 13:44

Tgt Ion:165 Resp: 27445
 Ion Ratio Lower Upper
 165 100
 63 4.1 52.7 79.1#
 89 1.6 49.2 73.8#

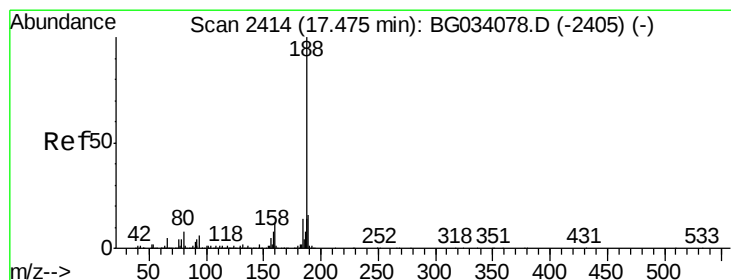
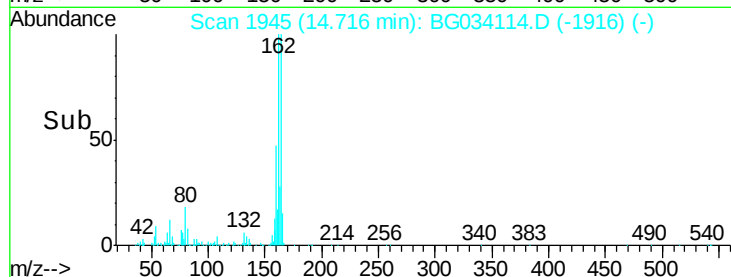
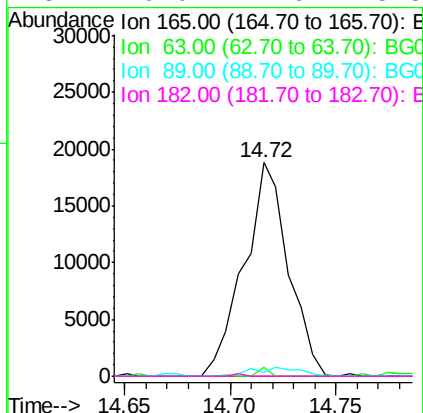
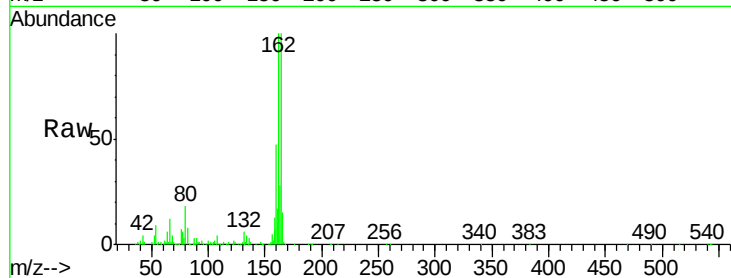




#56
2,4-Dinitrotoluene
Concen: 6.048 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.36 min
Lab File: BG034114.D
Acq: 2 May 2018 13:44

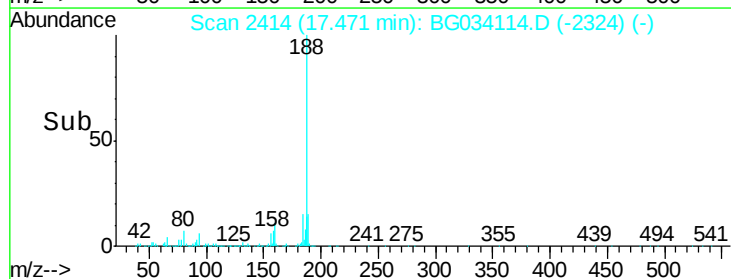
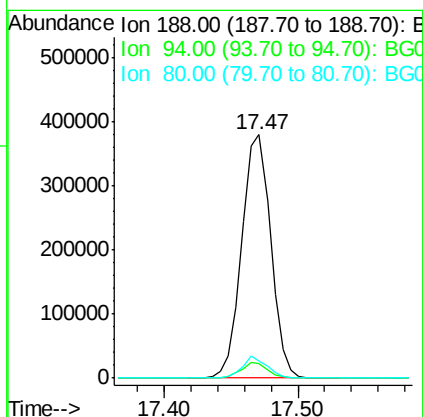
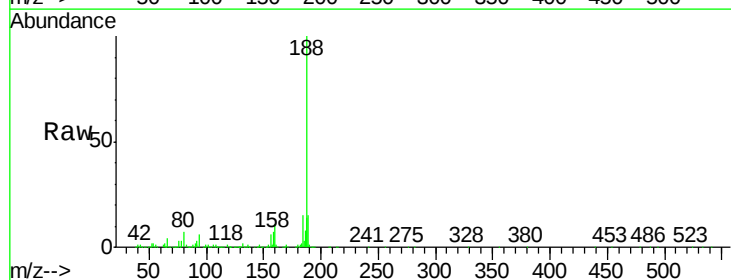
Instrument :
BNA_G
ClientSampled :

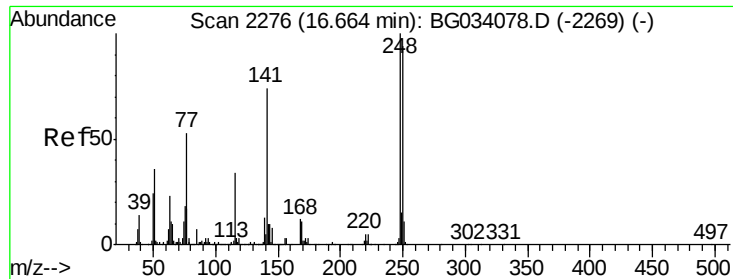
Tot Ion:165 Resp: 27445
Ion Ratio Lower Upper
165 100
63 4.1 42.0 63.0#
89 1.6 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG034114.D
Acq: 2 May 2018 13:44

Tgt Ion:188 Resp: 569637
Ion Ratio Lower Upper
188 100
94 5.8 6.9 10.3#
80 6.8 7.7 11.5#

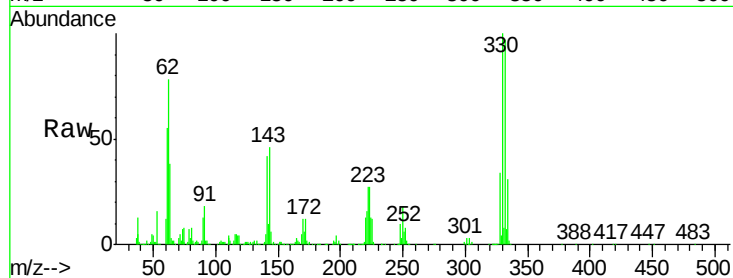




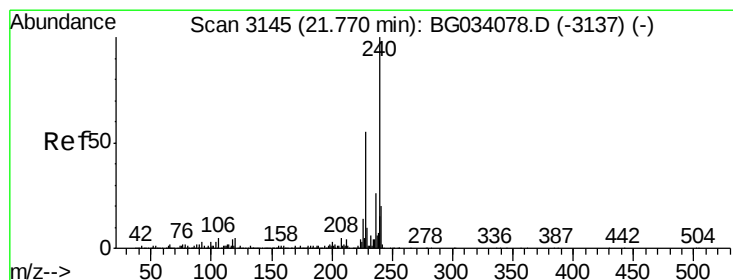
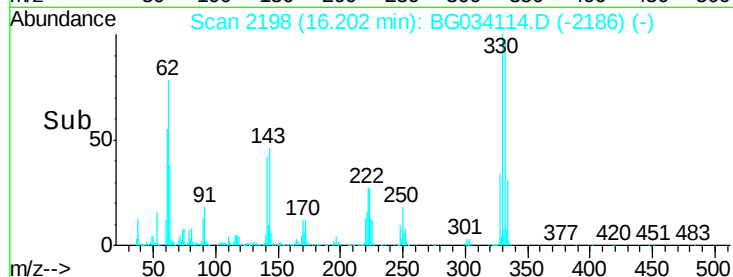
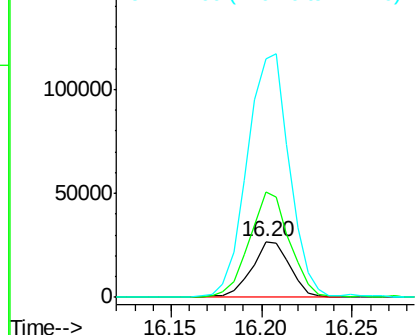
#66
4-Bromophenyl-phenylether
Concen: 5.582 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.46 min
Lab File: BG034114.D
Acq: 2 May 2018 13:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 39481
Ion Ratio Lower Upper
248 100
250 189.4 77.1 115.7#
141 427.2 50.8 76.2#

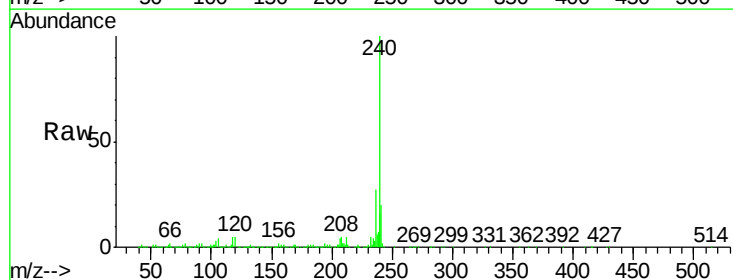


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

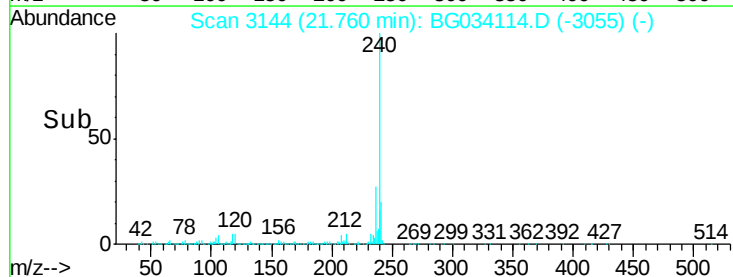
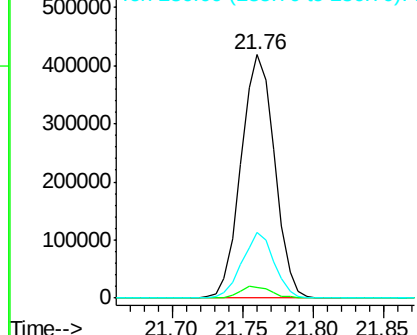


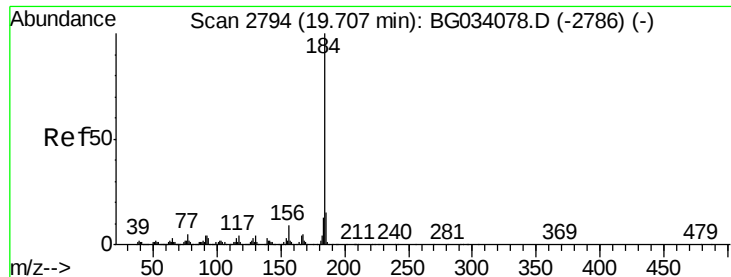
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG034114.D
Acq: 2 May 2018 13:44

Tgt Ion:240 Resp: 695938
Ion Ratio Lower Upper
240 100
120 4.6 6.8 10.2#
236 27.2 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





#76

Benzidine

Concen: 12.396 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampleId :

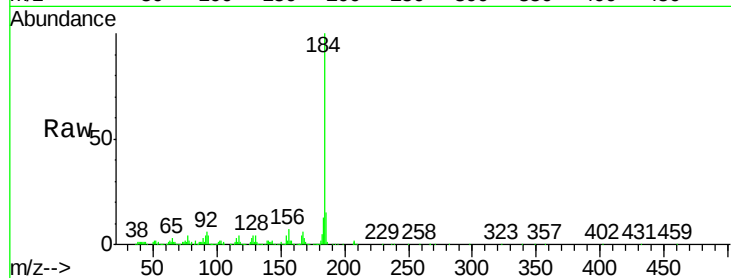
Tot Ion:184 Resp: 222211

Ion Ratio Lower Upper

184 100

185 15.2 11.1 16.7

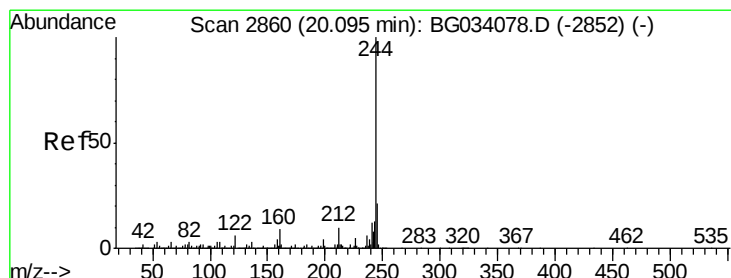
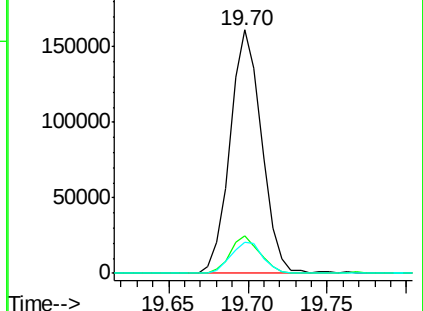
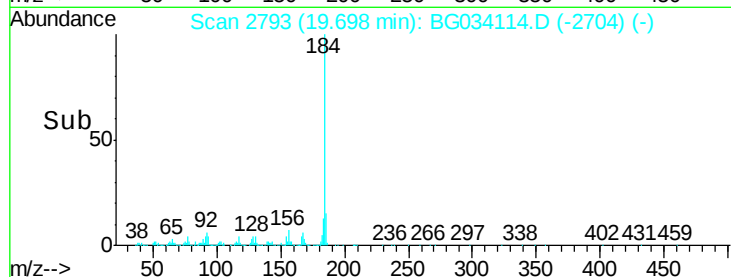
183 12.7 10.6 16.0



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: 93.354 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

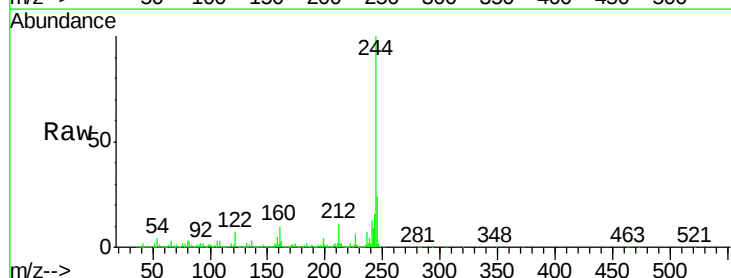
Tgt Ion:244 Resp: 2965705

Ion Ratio Lower Upper

244 100

212 10.6 5.8 8.8#

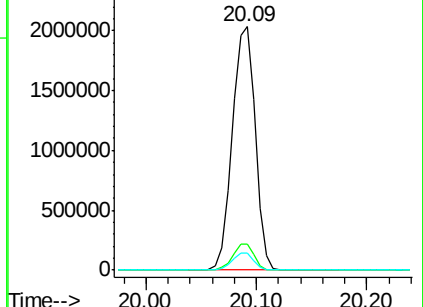
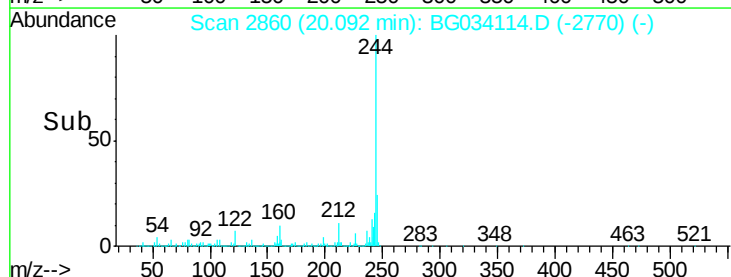
122 6.9 7.0 10.4#

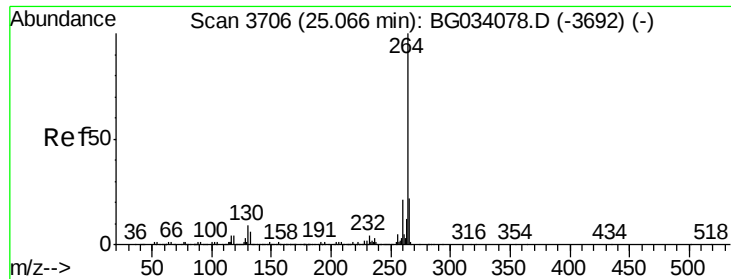


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

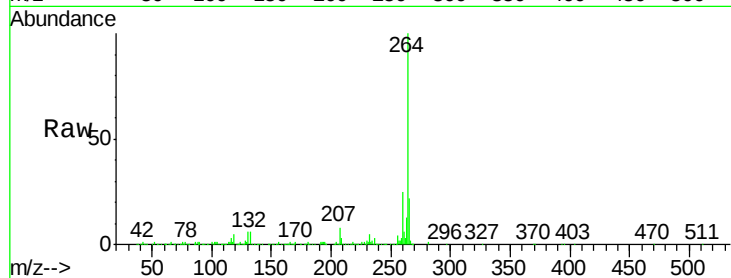




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG034114.D
Acq: 2 May 2018 13:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.4	26.0
265	22.3	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

