

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
 Data File : BG035176.D
 Acq On : 15 Jun 2018 17:47
 Operator : SJ/JU
 Sample : J3372-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 15 23:49:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

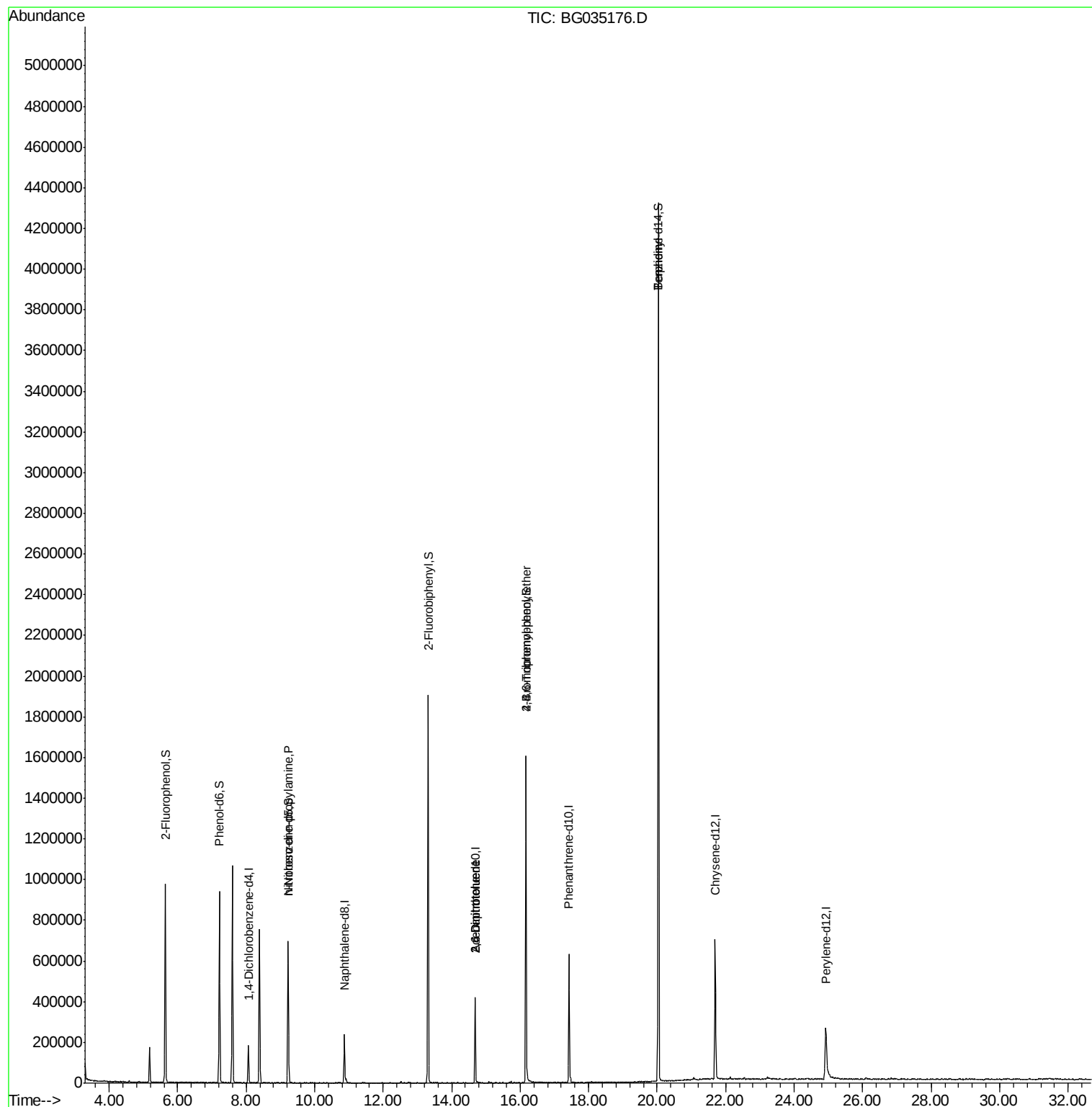
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	51385	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	197512	20.00	ng	-0.02
38) Acenaphthene-d10	14.69	164	146974	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	417116	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	460608	20.00	ng	-0.02
86) Perylene-d12	24.93	264	384874	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	421340	138.38	ng	-0.01
7) Phenol-d6	7.22	99	557524	124.06	ng	0.00
23) Nitrobenzene-d5	9.22	82	456616	109.89	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	312017	165.84	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	1035052	91.55	ng	-0.02
78) Terphenyl-d14	20.04	244	2055441	93.47	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	64328	16.849	ng	# 65
50) 2,6-Dinitrotoluene	14.69	165	19246	8.231	ng	# 20
56) 2,4-Dinitrotoluene	14.69	165	19246	6.196	ng	# 18
66) 4-Bromophenyl-phenylether	16.17	248	24218	4.821	ng	# 1
76) Benzidine	20.04	184	36719	2.143	ng	# 89

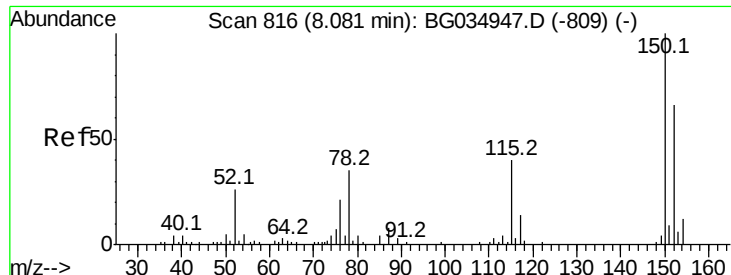
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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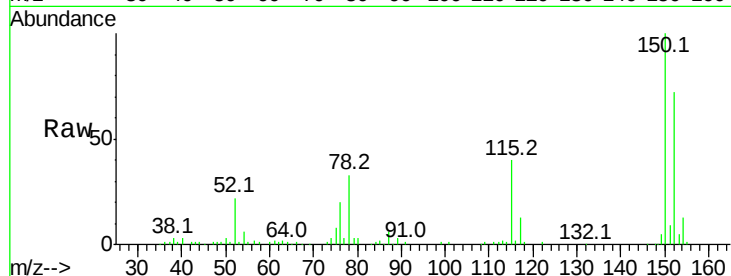


#1

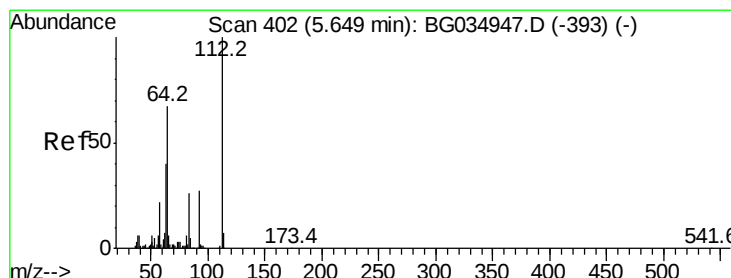
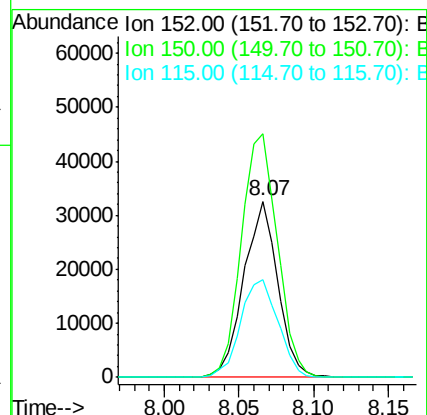
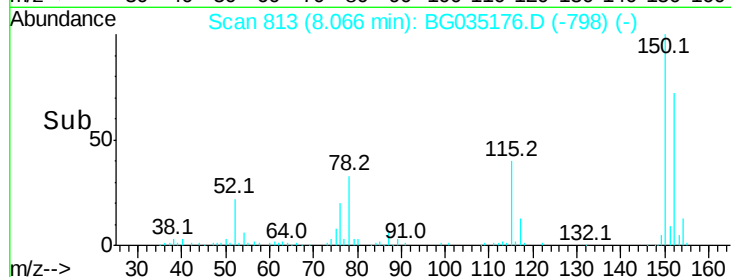
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035176.D
Acq: 15 Jun 2018 17:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.0	126.6	189.8
115	55.0	53.0	79.4



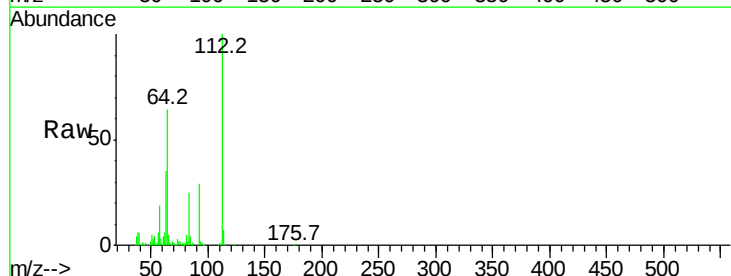
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



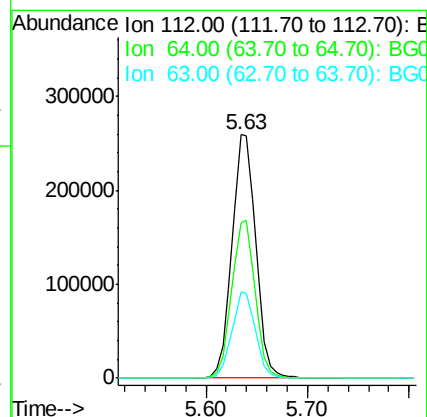
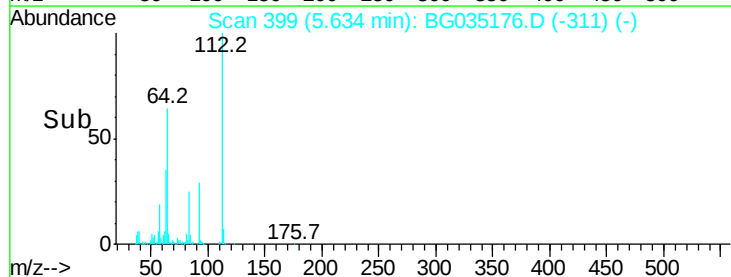
#5

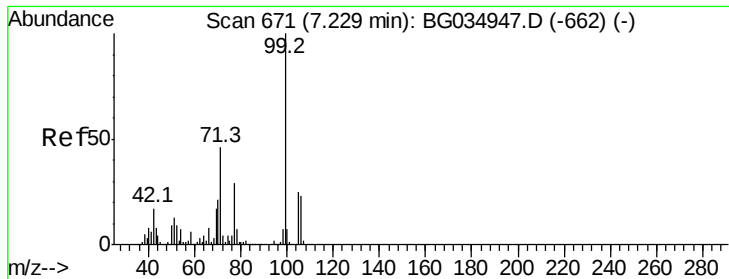
2-Fluorophenol
Concen: 138.378 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035176.D
Acq: 15 Jun 2018 17:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	56.3	84.5
63	35.3	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: 124.059 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035176.D

Acq: 15 Jun 2018 17:47

Instrument :

BNA_G

ClientSampleId :

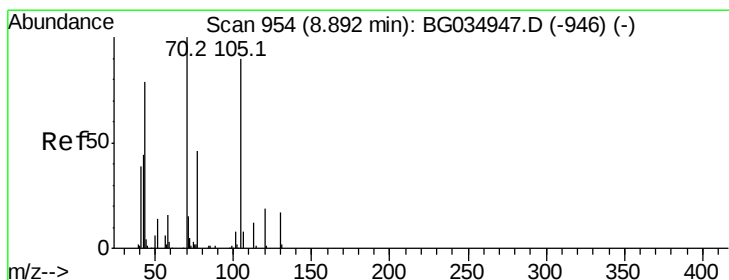
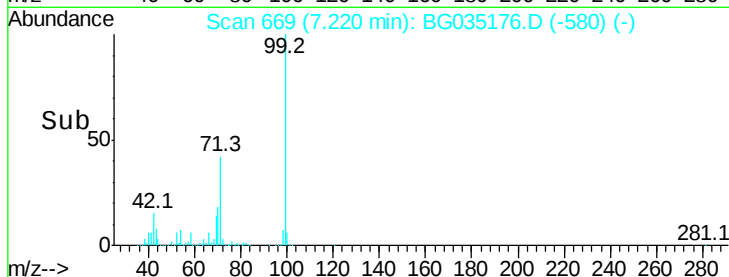
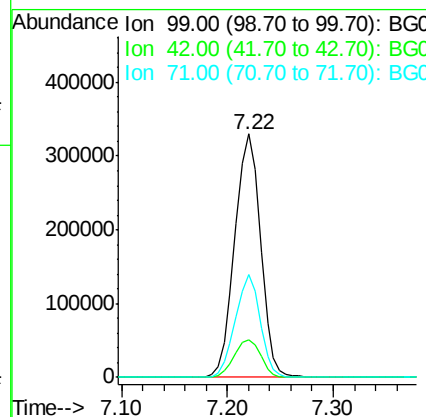
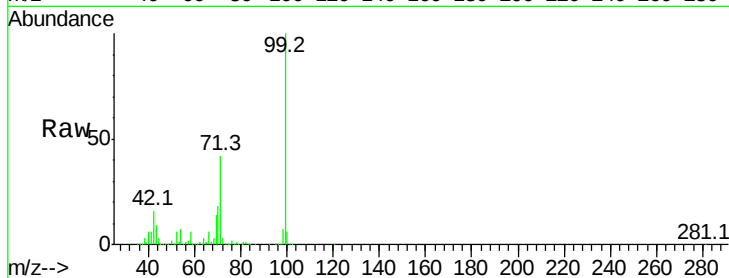
Tot Ion: 99 Resp: 557524

Ion Ratio Lower Upper

99 100

42 15.6 14.1 21.1

71 42.3 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 16.849 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035176.D

Acq: 15 Jun 2018 17:47

Tgt Ion: 70 Resp: 64328

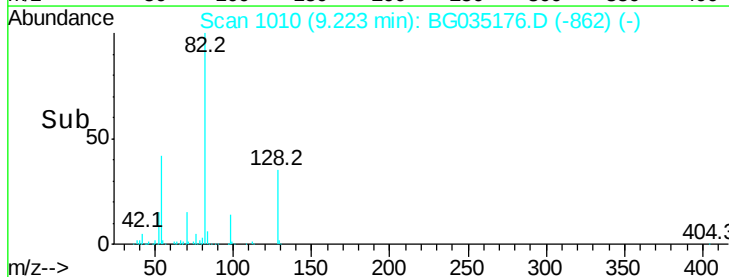
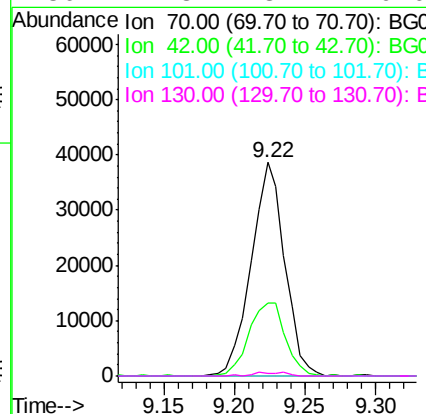
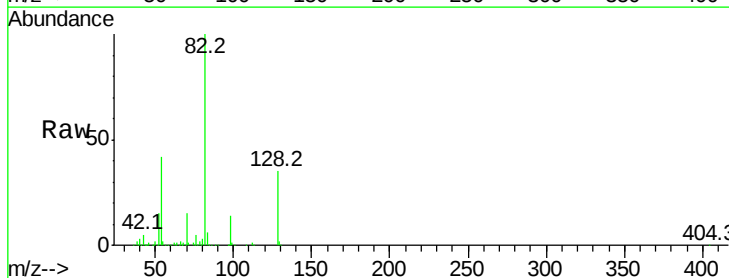
Ion Ratio Lower Upper

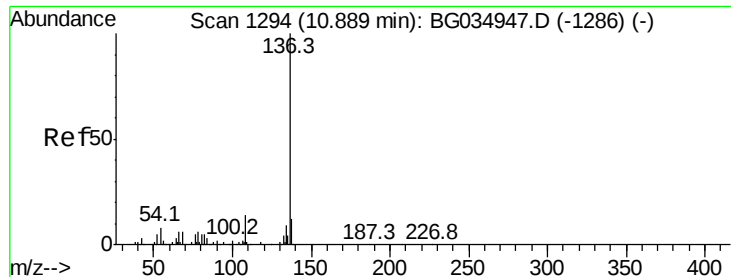
70 100

42 34.3 49.1 73.7#

101 0.0 8.5 12.7#

130 1.3 13.4 20.0#

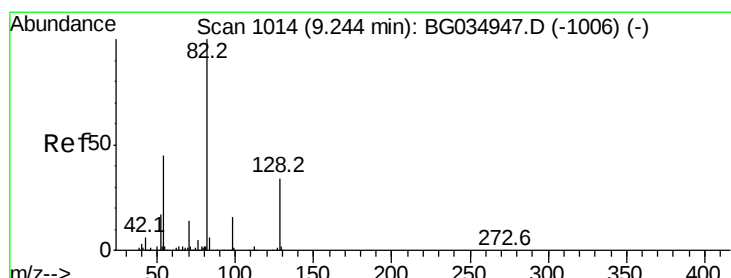
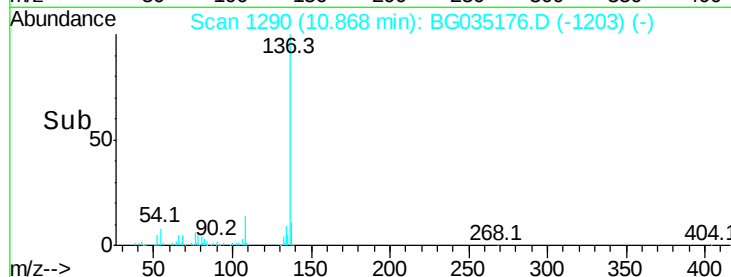
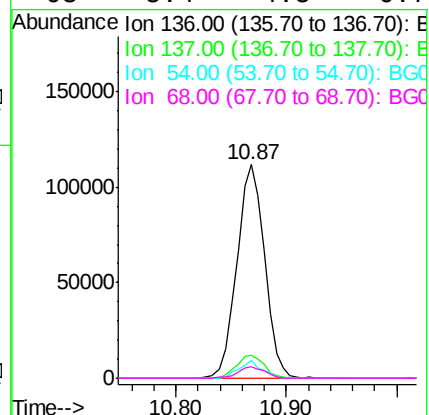
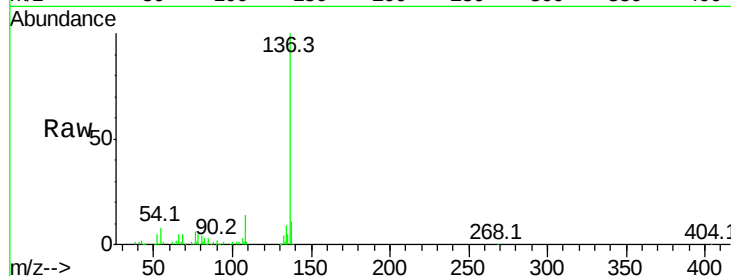




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035176.D
Acq: 15 Jun 2018 17:47

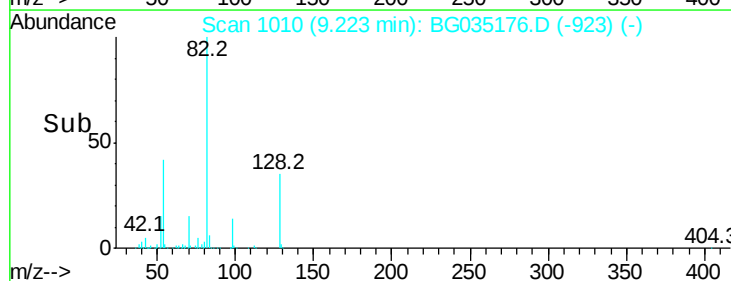
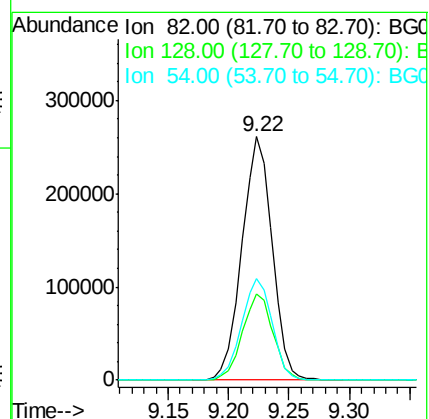
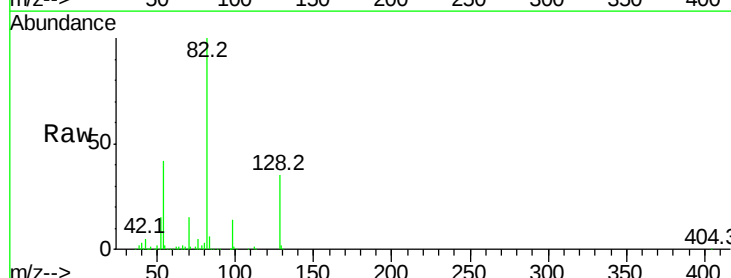
Instrument :
BNA_G
ClientSampleId :

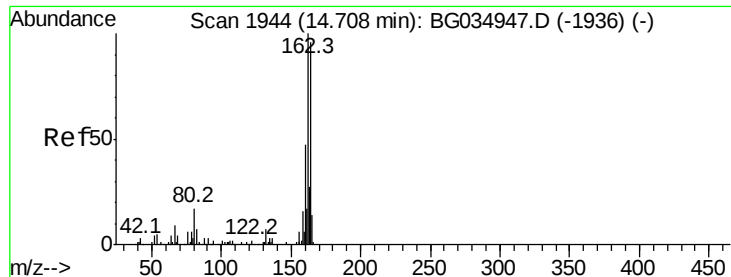
Tot Ion:	136	Resp:	197512
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	8.3	10.3	15.5#
68	5.4	4.5	6.7



#23
Nitrobenzene-d5
Concen: 109.892 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035176.D
Acq: 15 Jun 2018 17:47

Tgt Ion:	82	Resp:	456616
Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.7	44.5
54	41.5	43.1	64.7#

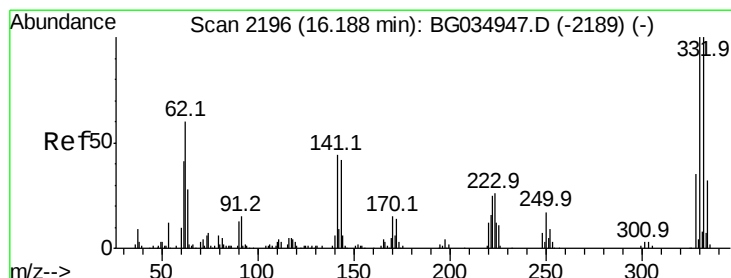
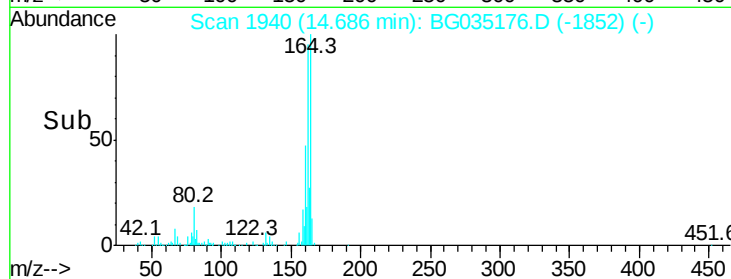
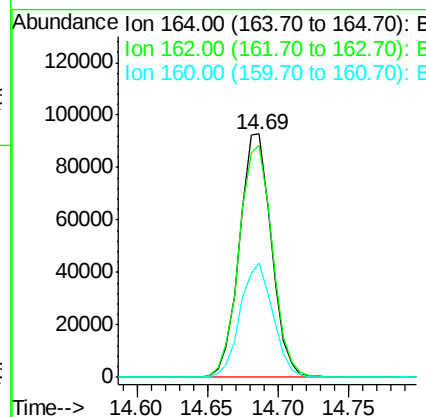
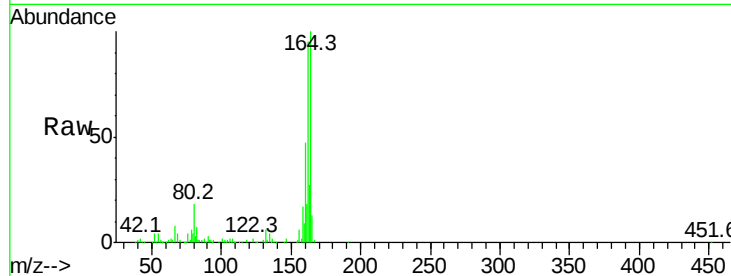




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035176.D
Acq: 15 Jun 2018 17:47

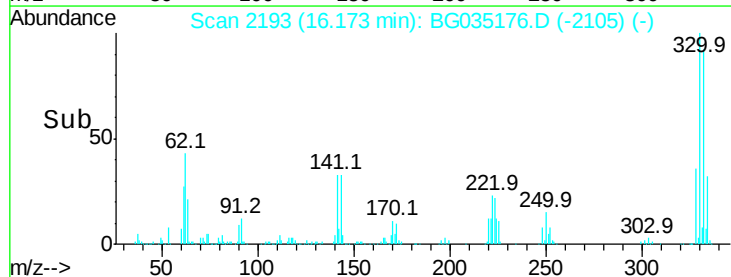
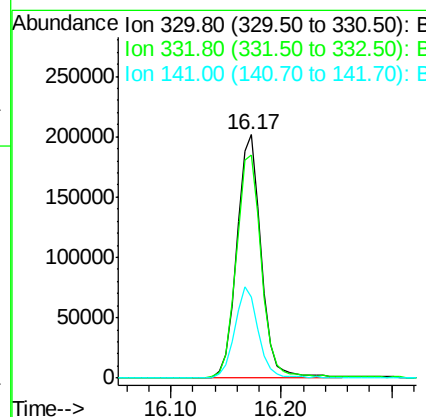
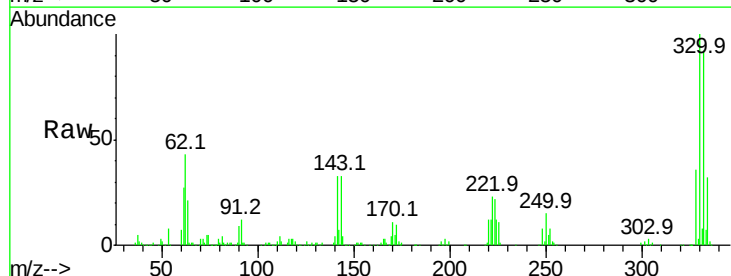
Instrument :
BNA_G
ClientSampleId :

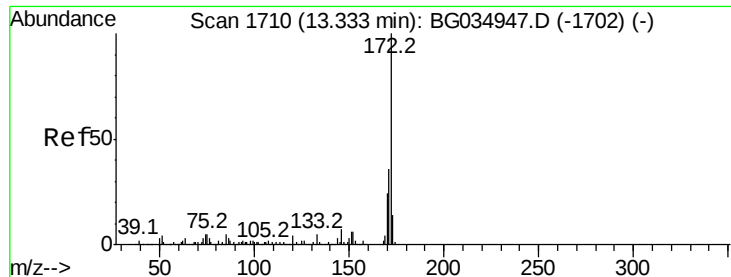
Tot Ion:164 Resp: 146974
Ion Ratio Lower Upper
164 100
162 95.3 78.8 118.2
160 47.0 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 165.838 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG035176.D
Acq: 15 Jun 2018 17:47

Tgt Ion:330 Resp: 312017
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 36.8 25.2 37.8



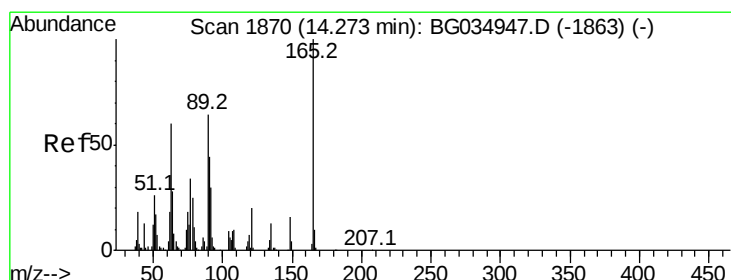
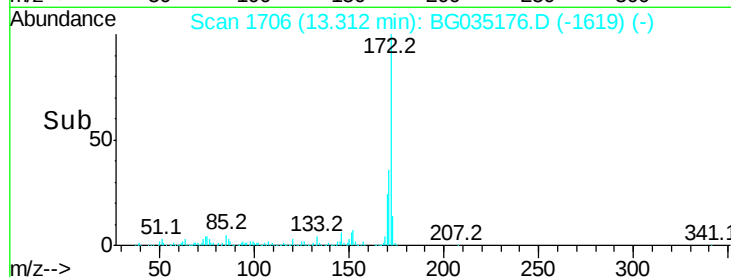
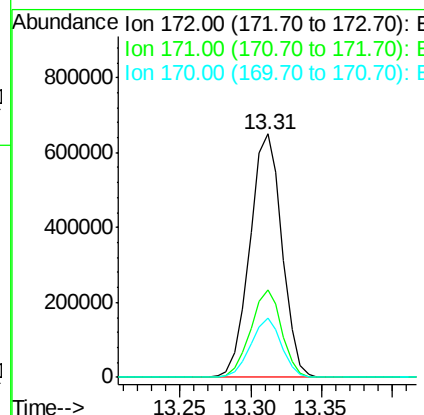
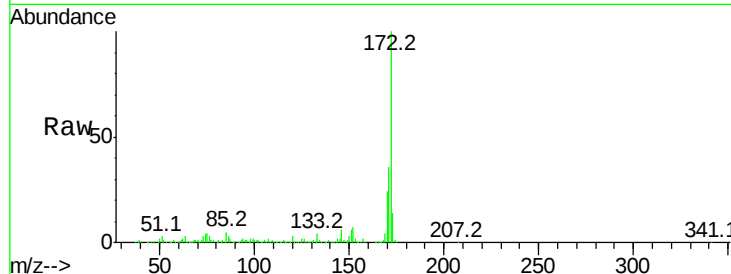


#44
2-Fluorobiphenyl
Concen: 91.551 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035176.D
Acq: 15 Jun 2018 17:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1035052

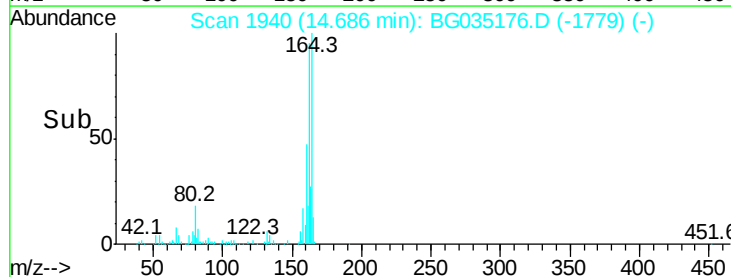
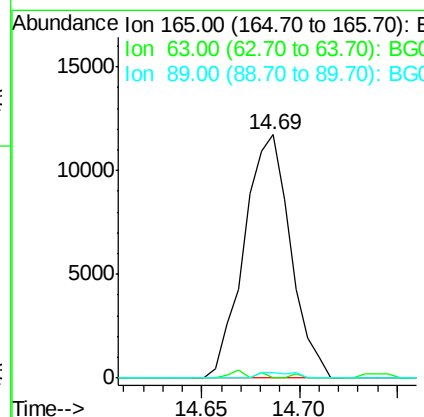
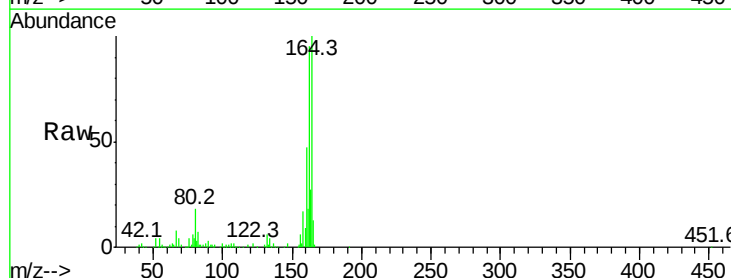
Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.0	45.0
170	24.1	19.5	29.3

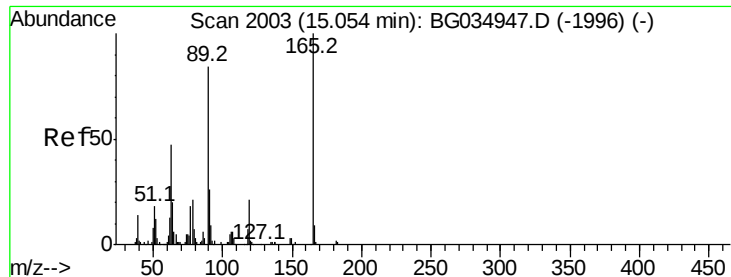


#50
2,6-Dinitrotoluene
Concen: 8.231 ng
RT: 14.69 min Scan# 1940
Delta R.T. 0.42 min
Lab File: BG035176.D
Acq: 15 Jun 2018 17:47

Tgt Ion:165 Resp: 19246

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.4	49.2	73.8#

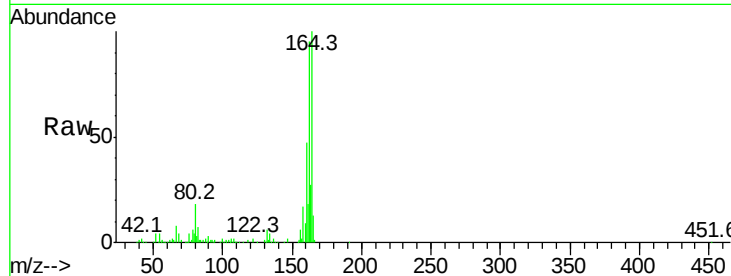




#56
2,4-Dinitrotoluene
Concen: 6.196 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.36 min
Lab File: BG035176.D
Acq: 15 Jun 2018 17:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 19246
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 2.4 66.9 100.3#
182 0.0 2.6 3.8#

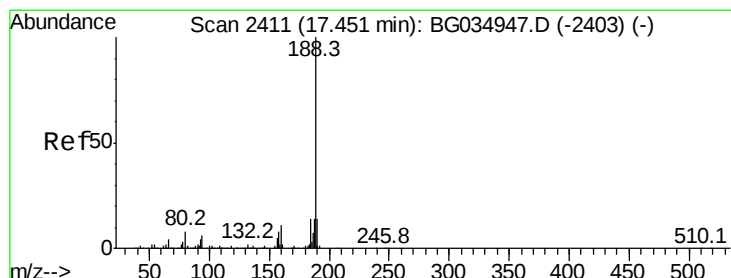
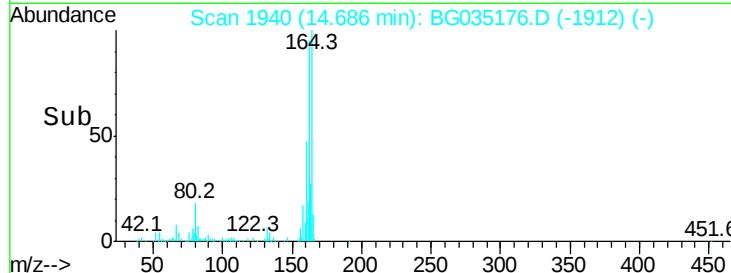
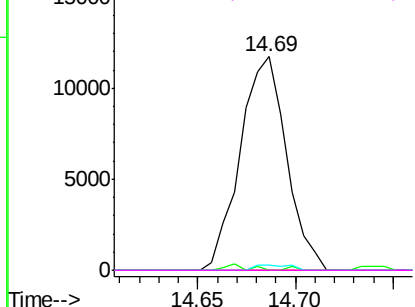


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

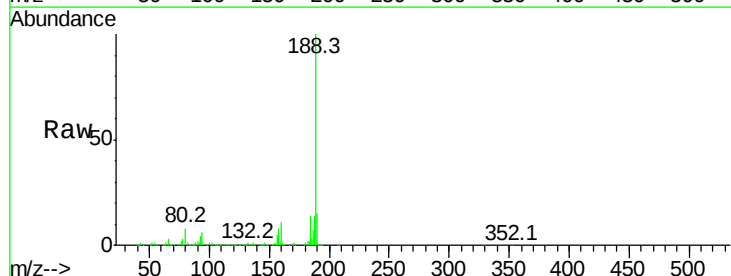
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG035176.D
Acq: 15 Jun 2018 17:47

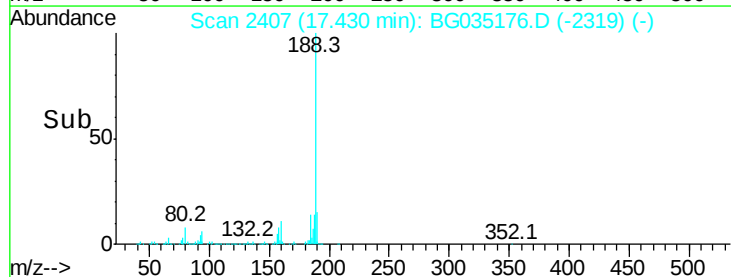
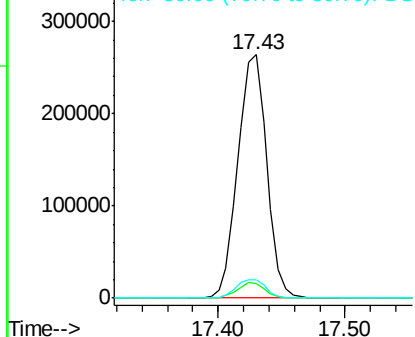
Tgt Ion:188 Resp: 417116
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 7.6 7.7 11.5#

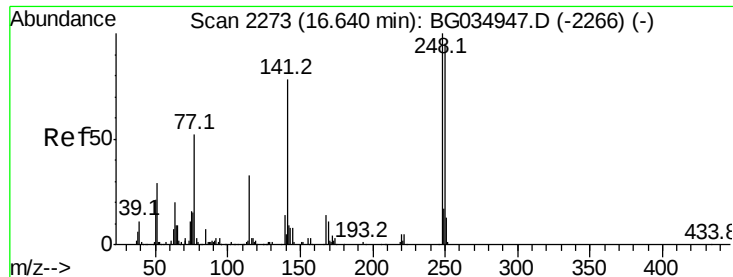


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

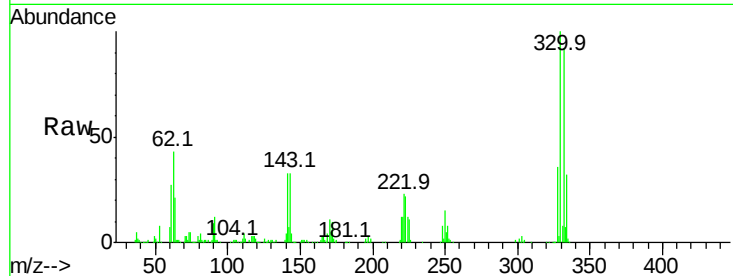




#66
4-Bromophenyl-phenylether
Concen: 4.821 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG035176.D
Acq: 15 Jun 2018 17:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	180.7	77.1	115.7#
141	411.2	50.8	76.2#

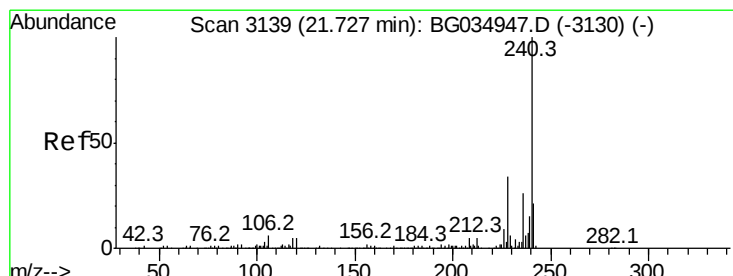
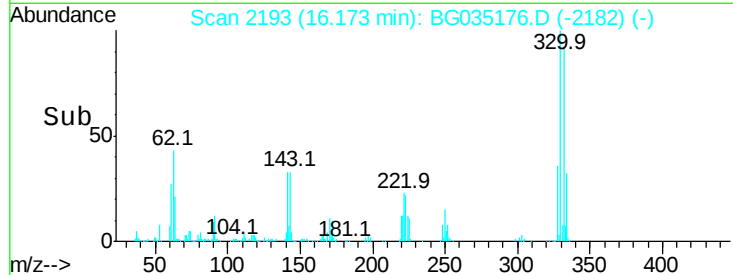
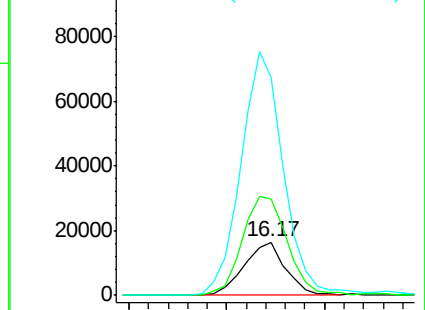


Abundance

Ion 248.00 (247.70 to 248.70): E

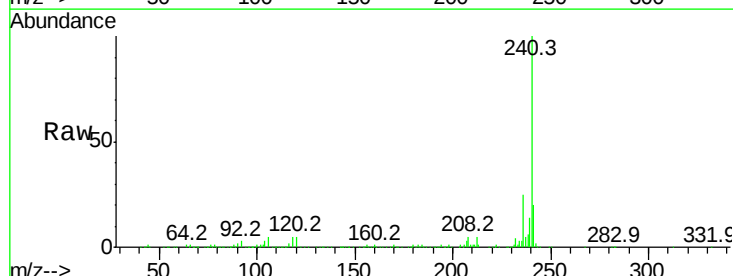
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035176.D
Acq: 15 Jun 2018 17:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.5	6.8	10.2#
236	25.0	20.9	31.3

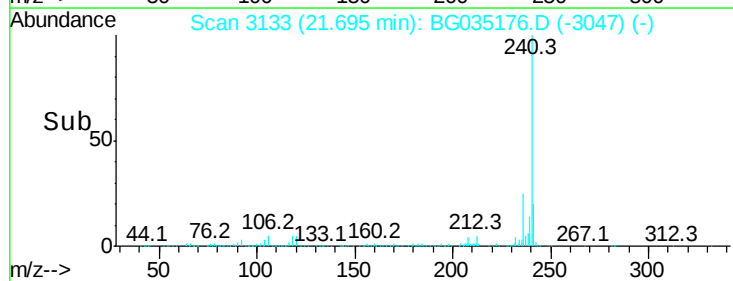
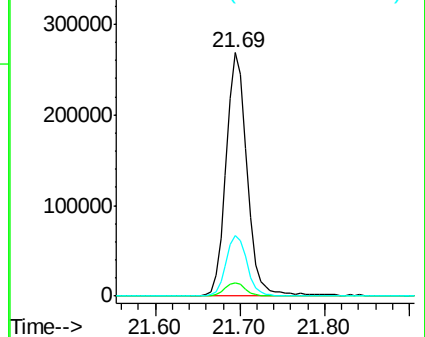


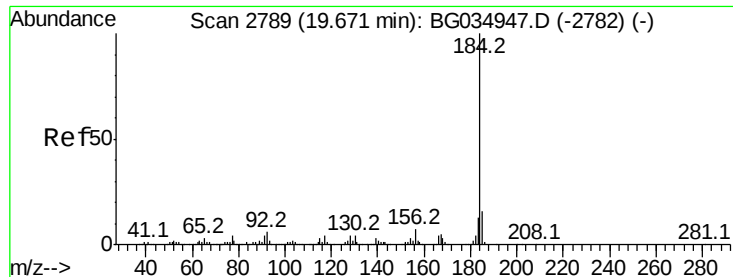
Abundance

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

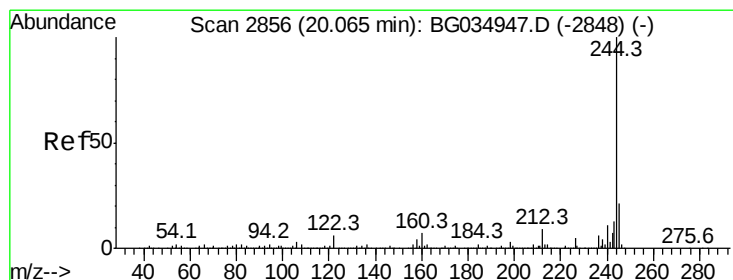
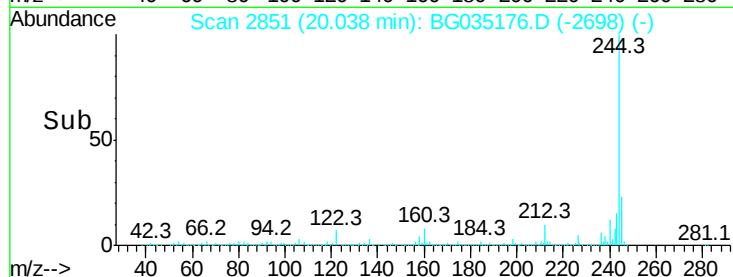
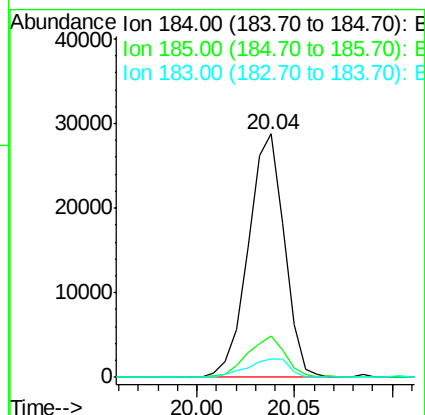
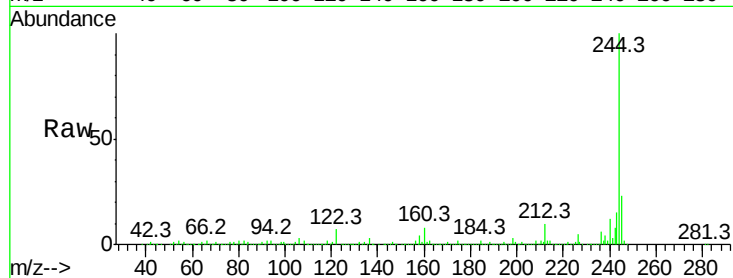




#76
Benzidine
Concen: 2.143 ng
RT: 20.04 min Scan# 2851
Delta R.T. 0.37 min
Lab File: BG035176.D
Acq: 15 Jun 2018 17:47

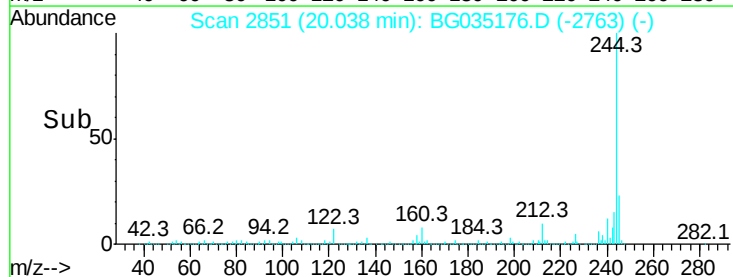
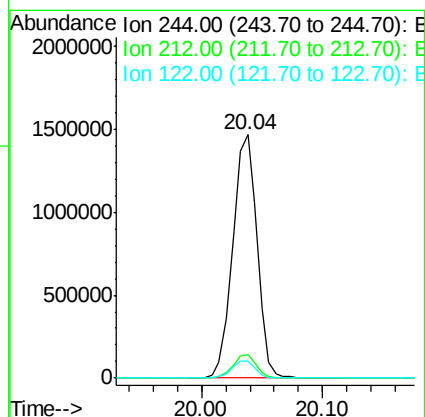
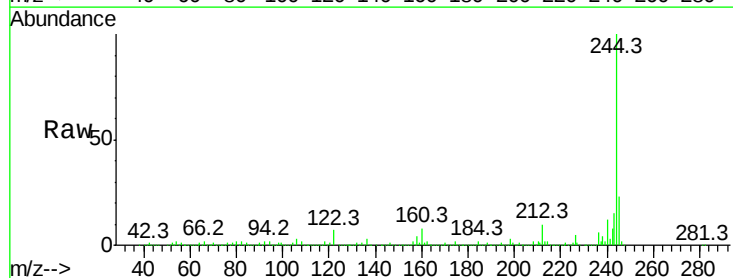
Instrument :
BNA_G
ClientSampleId :

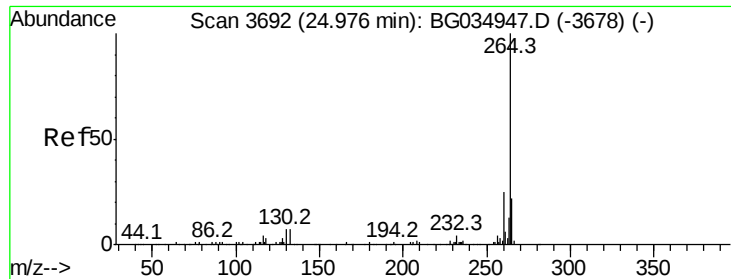
Tot Ion:184 Resp: 36719
Ion Ratio Lower Upper
184 100
185 16.9 11.1 16.7#
183 7.5 10.6 16.0#



#78
Terphenyl-d14
Concen: 93.474 ng
RT: 20.04 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG035176.D
Acq: 15 Jun 2018 17:47

Tgt Ion:244 Resp: 2055441
Ion Ratio Lower Upper
244 100
212 9.7 5.8 8.8#
122 6.8 7.0 10.4#

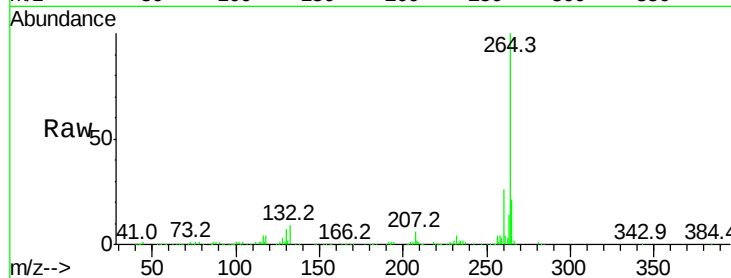




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3683
 Delta R.T. -0.03 min
 Lab File: BG035176.D
 Acq: 15 Jun 2018 17:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:264 Resp: 384874
 Ion Ratio Lower Upper
 264 100
 260 25.7 17.4 26.0
 265 21.5 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

