

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031779.D
 Acq On : 27 Dec 2017 2:46
 Operator : SJ/JU
 Sample : I6686-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-122217

Quant Time: Dec 27 04:53:35 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

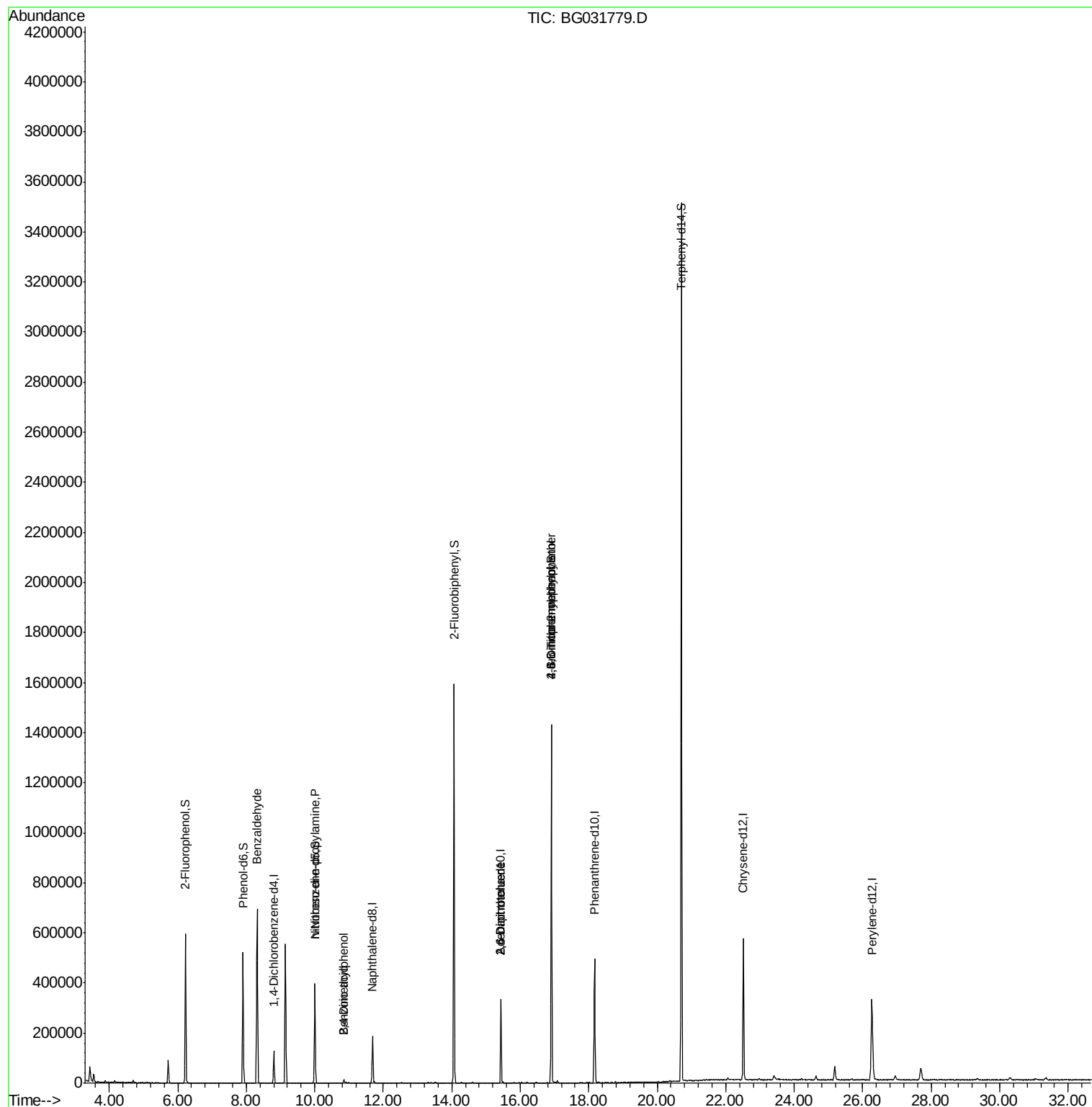
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	45491	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	184373	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	133157	20.00	ng	-0.03
63) Phenanthrene-d10	18.16	188	353632	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	431155	20.00	ng	-0.06
86) Perylene-d12	26.27	264	457824	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	322083	128.96	ng	-0.02
7) Phenol-d6	7.91	99	371412	114.54	ng	-0.02
23) Nitrobenzene-d5	10.00	82	260145	106.55	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	343719	169.17	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	970745	91.50	ng	-0.03
78) Terphenyl-d14	20.70	244	1963010	104.02	ng	-0.03
Target Compounds						
9) Benzaldehyde	8.32	77	8831	4.52	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	10.00	70	33743	15.24	ng	# 68
27) 2,4-Dimethylphenol	10.86	122	7885	2.84	ng	# 1
32) Benzoic acid	10.86	122	7885	10.28	ng	# 70
50) 2,6-Dinitrotoluene	15.44	165	17104	7.93	ng	# 20
56) 2,4-Dinitrotoluene	15.44	165	17104	6.16	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.91	198	786	8.68	ng	# 56
66) 4-Bromophenyl-phenylether	16.91	248	26536	5.19	ng	# 1

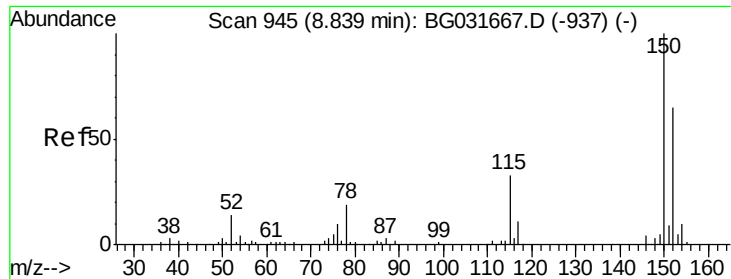
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.81 min Scan# 939

Delta R.T. -0.03 min

Lab File: BG031779.D

Acq: 27 Dec 2017 2:46

Instrument :

BNA_G

ClientSampleId :

TR-04-122217

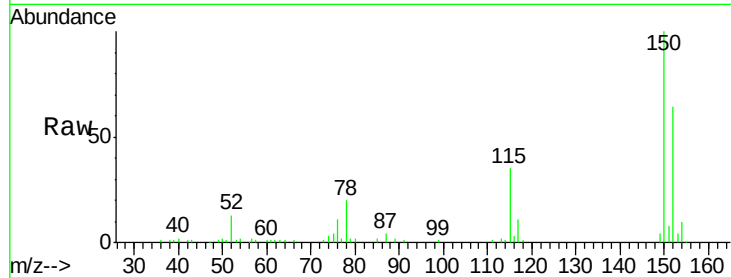
Tot Ion:152 Resp: 45491

Ion Ratio Lower Upper

152 100

150 156.7 126.6 189.8

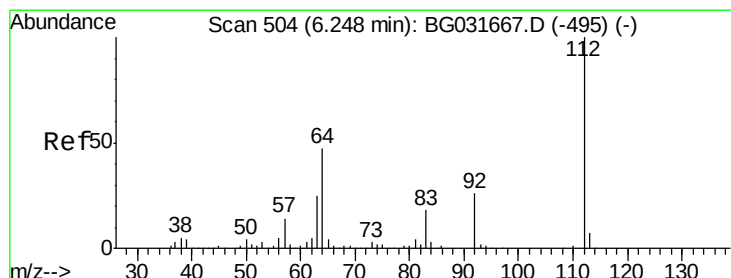
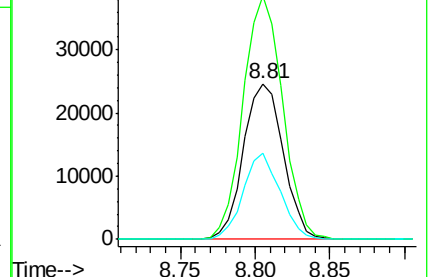
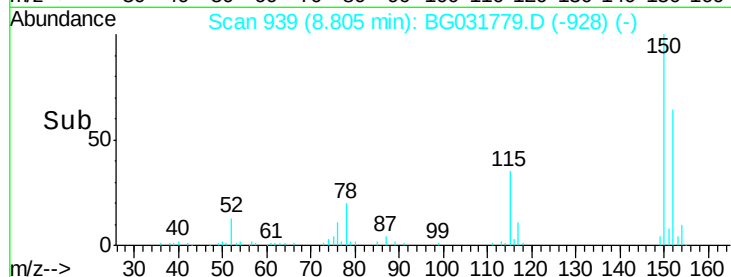
115 55.3 53.0 79.4



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: 128.96 ng

RT: 6.23 min Scan# 500

Delta R.T. -0.02 min

Lab File: BG031779.D

Acq: 27 Dec 2017 2:46

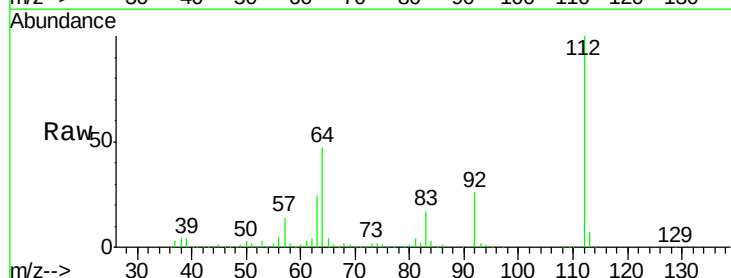
Tgt Ion:112 Resp: 322083

Ion Ratio Lower Upper

112 100

64 46.6 56.3 84.5#

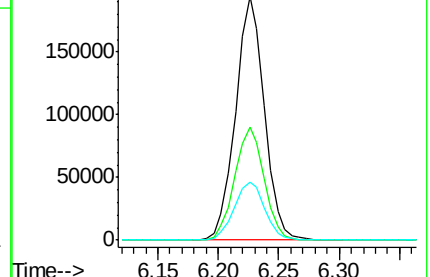
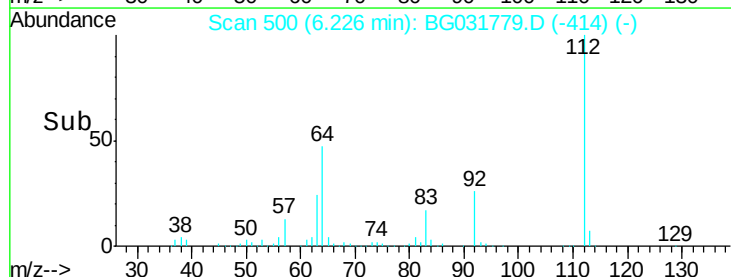
63 23.9 30.1 45.1#

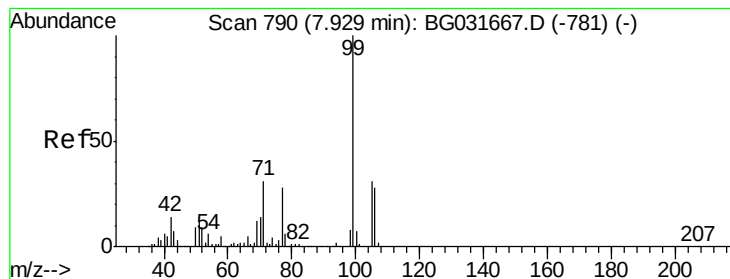


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 114.54 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG031779.D

Acq: 27 Dec 2017 2:46

Instrument :

BNA_G

ClientSampleId :

TR-04-122217

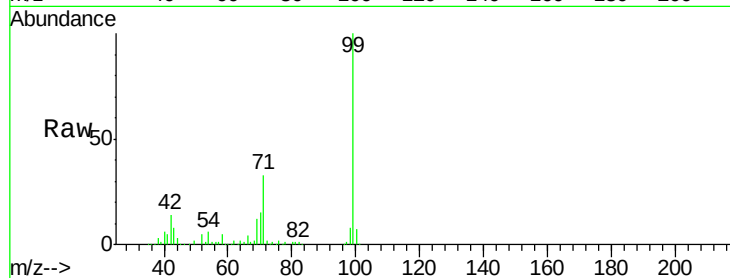
Tot Ion: 99 Resp: 371412

Ion Ratio Lower Upper

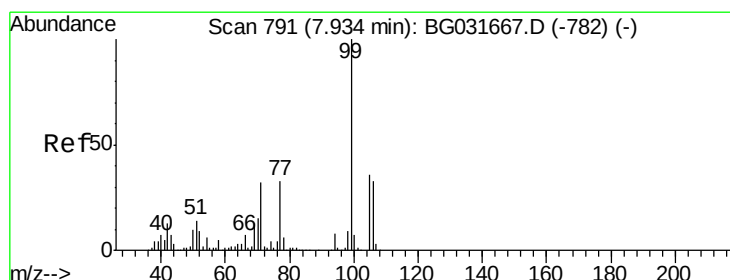
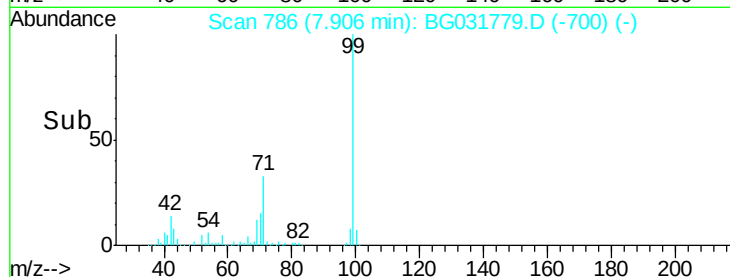
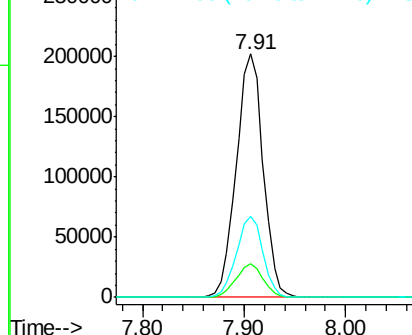
99 100

42 14.1 14.1 21.1

71 33.2 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



#9

Benzaldehyde

Concen: 4.52 ng

RT: 8.32 min Scan# 856

Delta R.T. 0.38 min

Lab File: BG031779.D

Acq: 27 Dec 2017 2:46

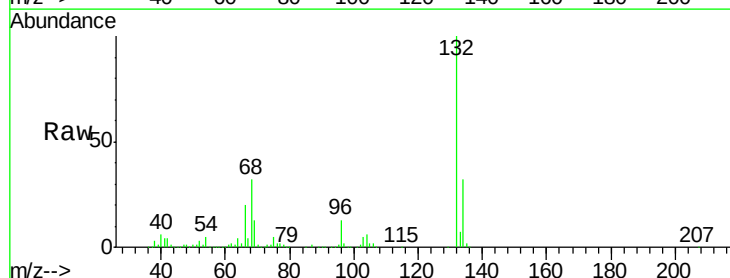
Tgt Ion: 77 Resp: 8831

Ion Ratio Lower Upper

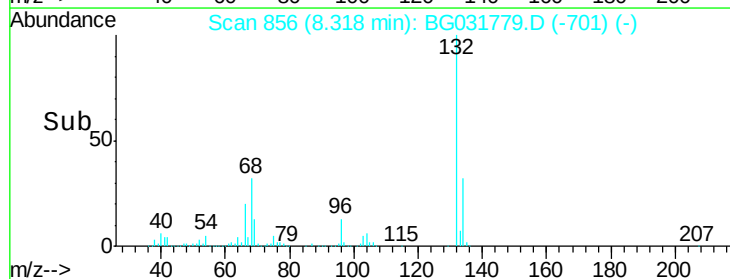
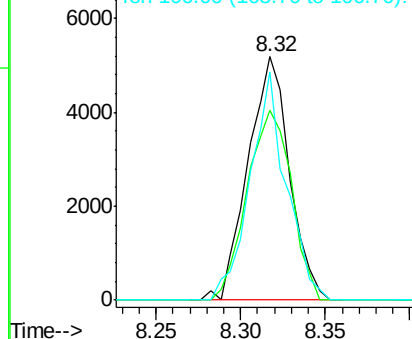
77 100

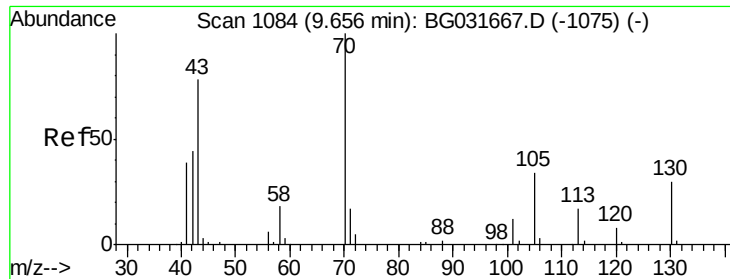
105 77.9 71.3 111.3

106 93.9 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

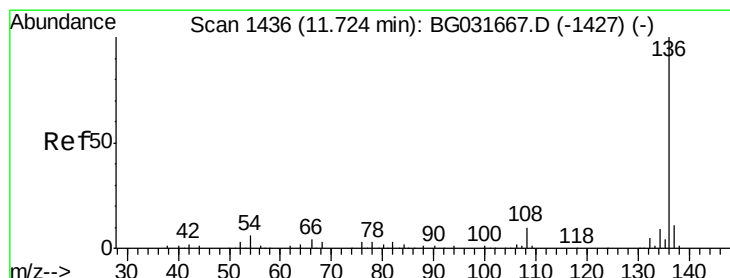
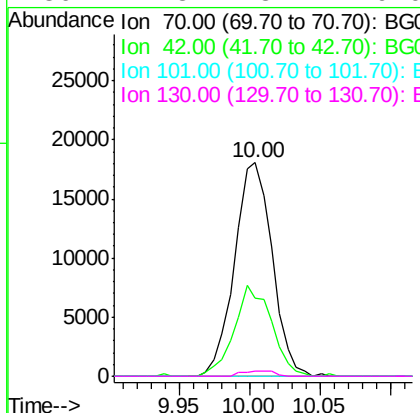
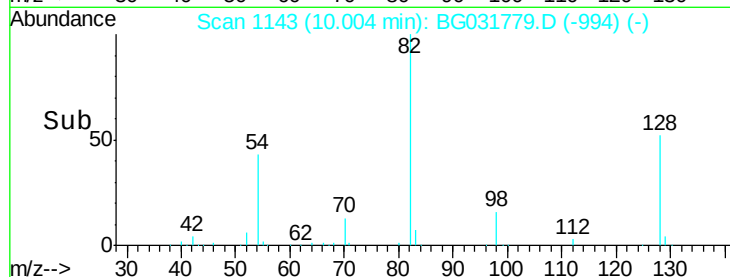
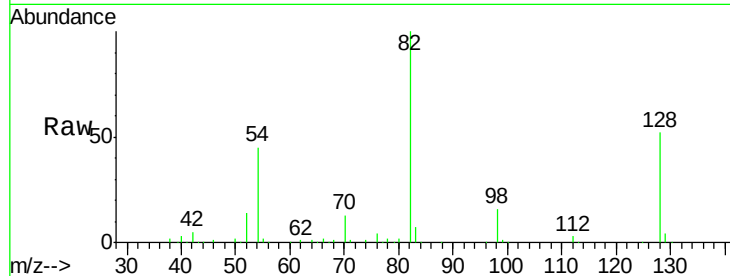




#19
n-Nitroso-di-n-propylamine
Concen: 15.24 ng
RT: 10.00 min Scan# 1143
Delta R.T. 0.35 min
Lab File: BG031779.D
Acq: 27 Dec 2017 2:46

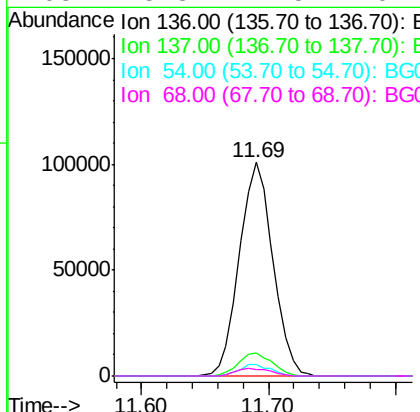
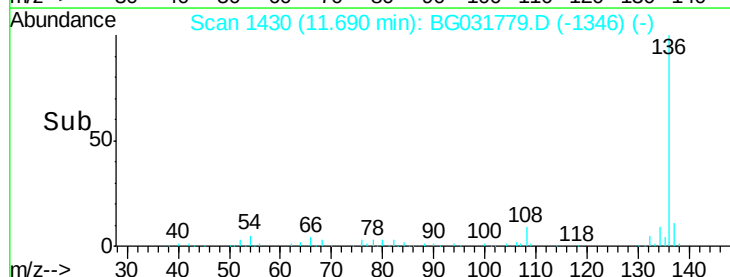
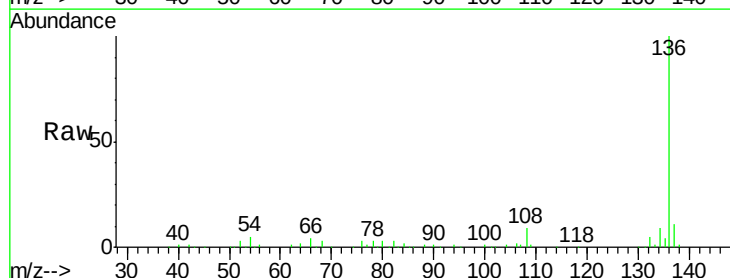
Instrument :
BNA_G
ClientSampleId :
TR-04-122217

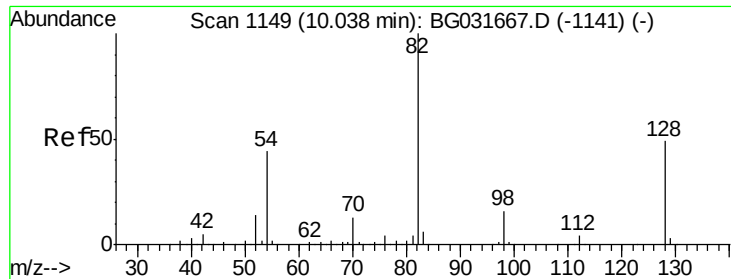
Tot Ion: 70 Resp: 33743
Ion Ratio Lower Upper
70 100
42 36.8 49.1 73.7#
101 0.0 8.5 12.7#
130 2.3 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BG031779.D
Acq: 27 Dec 2017 2:46

Tgt Ion: 136 Resp: 184373
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 5.2 10.3 15.5#
68 3.3 4.5 6.7#

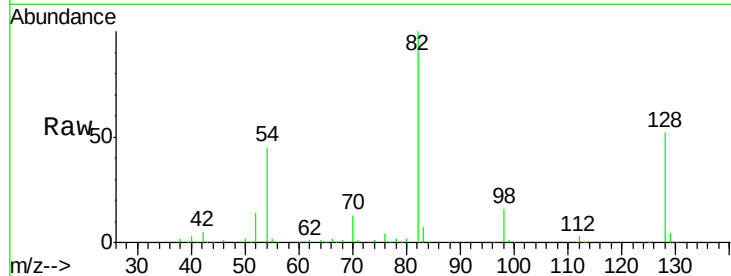




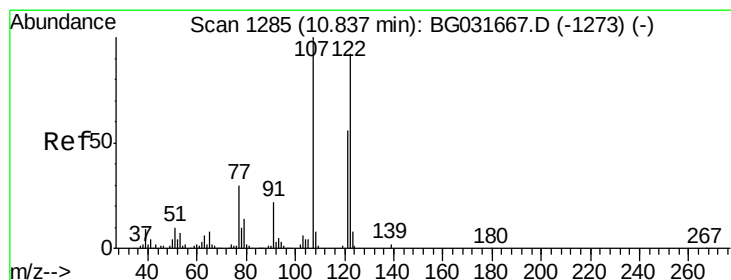
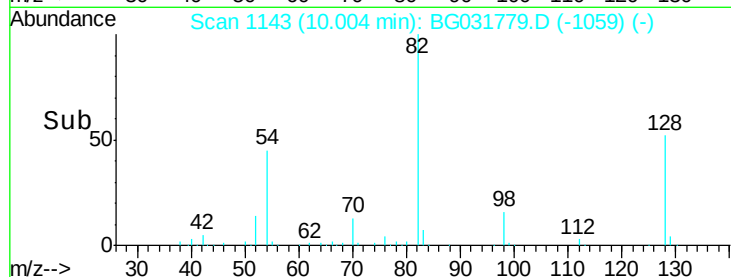
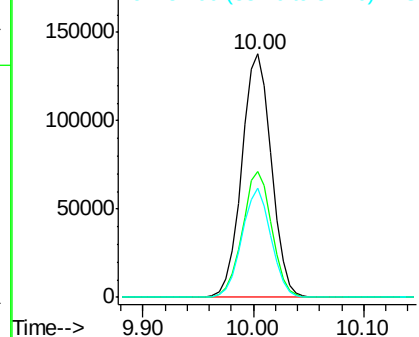
#23
 Nitrobenzene-d5
 Concen: 106.55 ng
 RT: 10.00 min Scan# 1143
 Delta R.T. -0.03 min
 Lab File: BG031779.D
 Acq: 27 Dec 2017 2:46

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-122217

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.8	29.7	44.5#
54	44.9	43.1	64.7

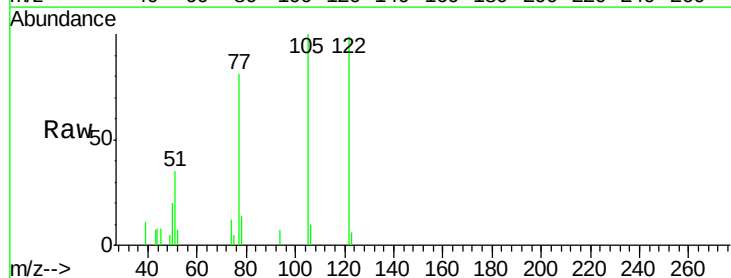


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

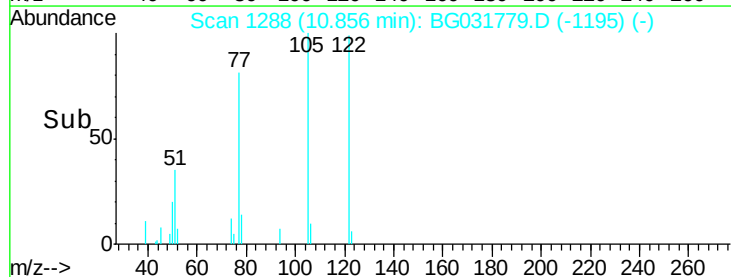
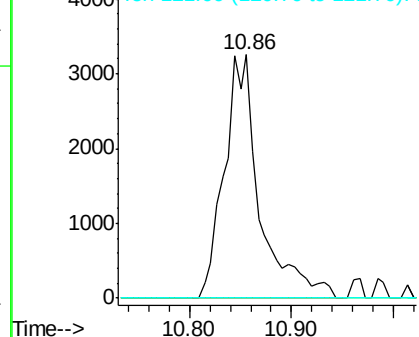


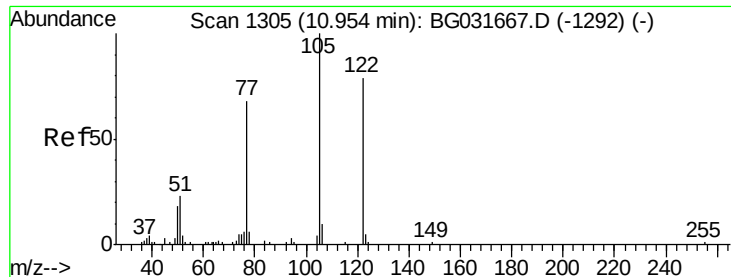
#27
 2,4-Dimethylphenol
 Concen: 2.84 ng
 RT: 10.86 min Scan# 1288
 Delta R.T. 0.02 min
 Lab File: BG031779.D
 Acq: 27 Dec 2017 2:46

Tgt Ion	Ratio	Lower	Upper
122	100		
107	0.0	100.2	150.2#
121	0.0	44.4	66.6#



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 107.00 (106.70 to 107.70): BGC
 Ion 121.00 (120.70 to 121.70): BGC

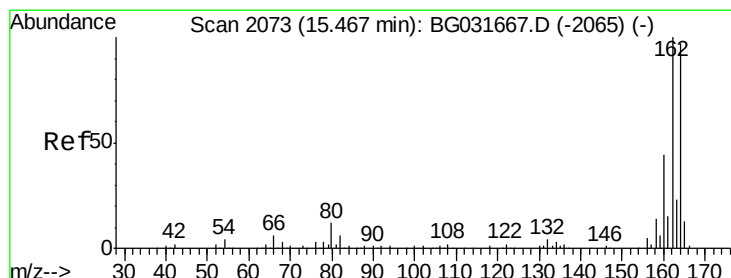
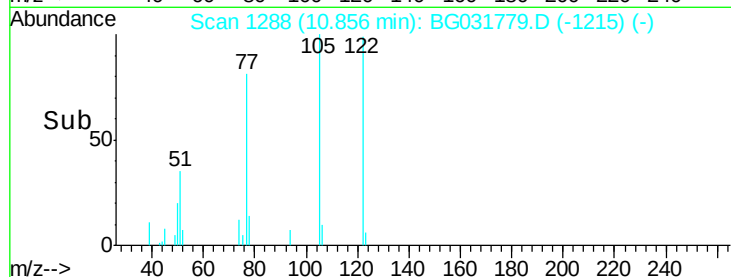
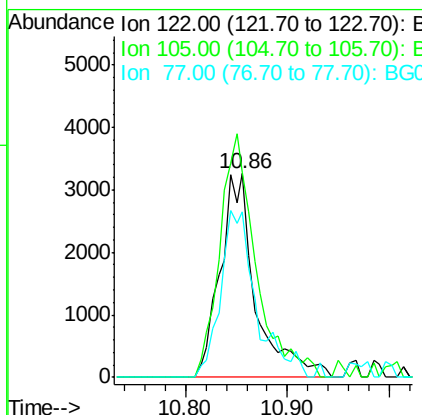
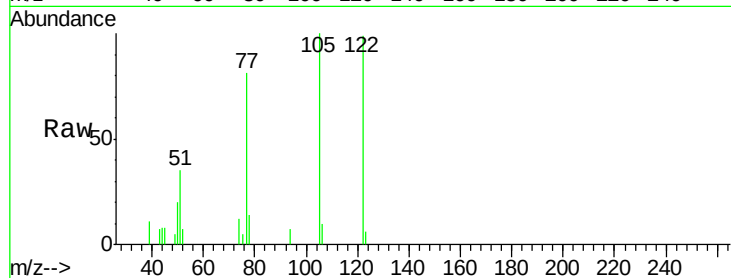




#32
Benzoic acid
Concen: 10.28 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.10 min
Lab File: BG031779.D
Acq: 27 Dec 2017 2:46

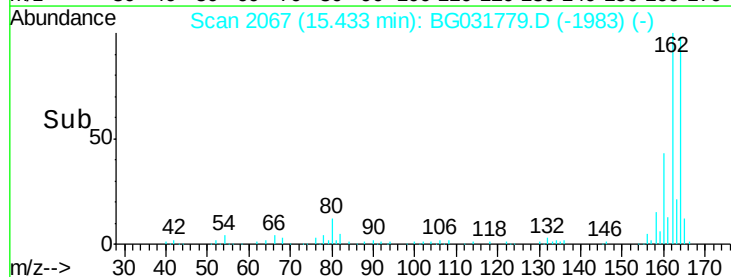
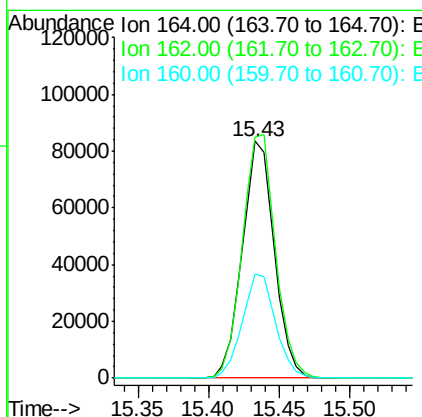
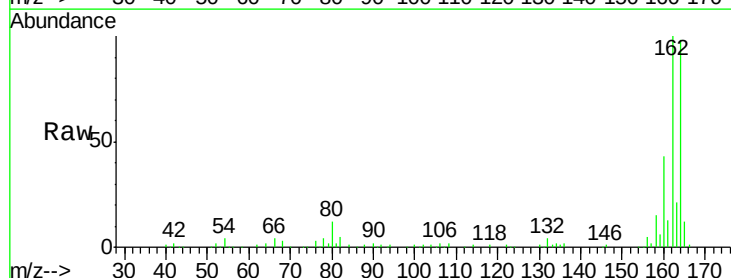
Instrument :
BNA_G
ClientSampleId :
TR-04-122217

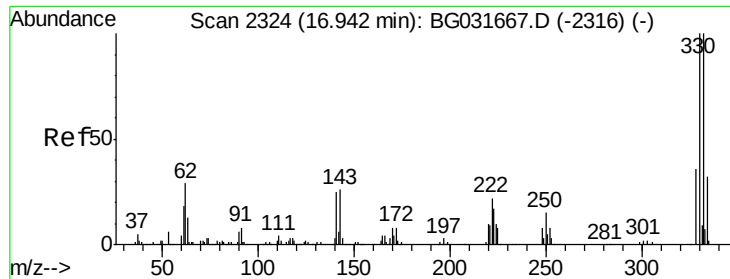
Tot Ion:122 Resp: 7885
Ion Ratio Lower Upper
122 100
105 100.7 123.5 163.5#
77 81.2 85.7 125.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.03 min
Lab File: BG031779.D
Acq: 27 Dec 2017 2:46

Tgt Ion:164 Resp: 133157
Ion Ratio Lower Upper
164 100
162 101.6 78.8 118.2
160 43.9 35.4 53.0

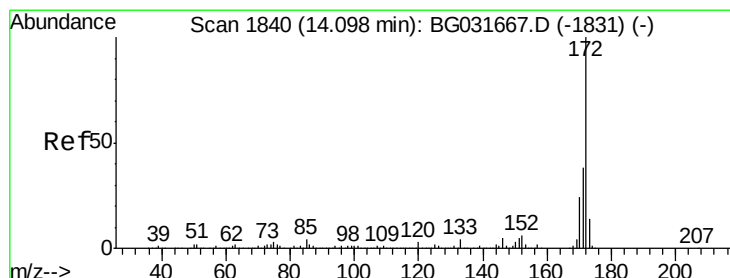
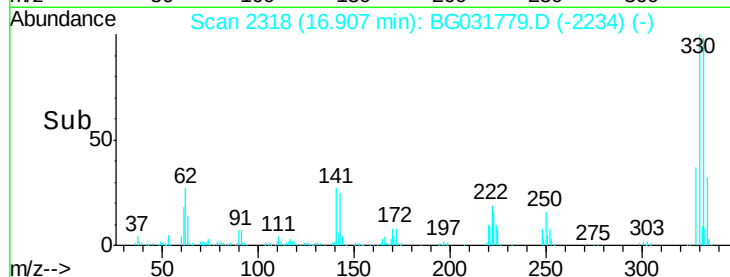
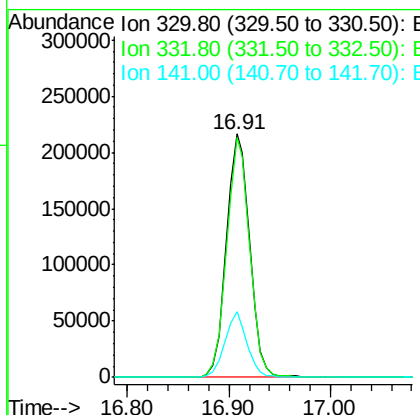
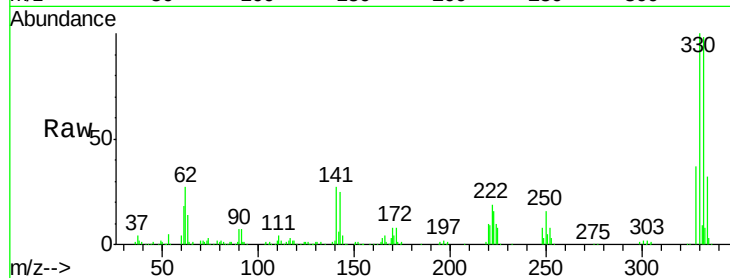




#41
 2,4,6-Tribromophenol
 Concen: 169.17 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.03 min
 Lab File: BG031779.D
 Acq: 27 Dec 2017 2:46

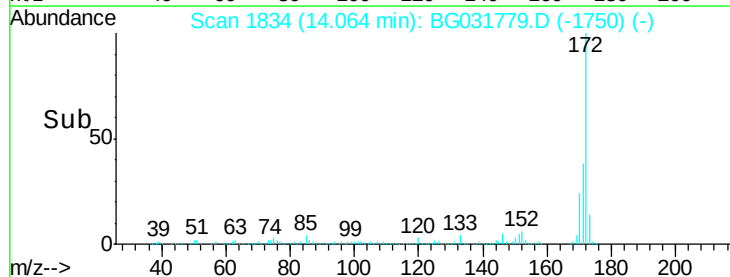
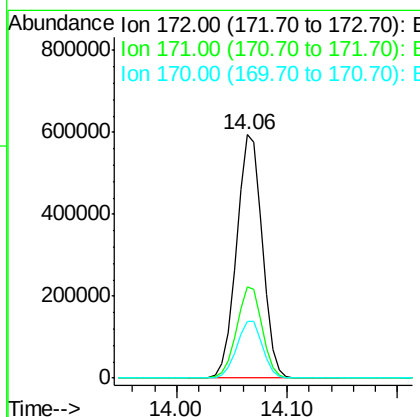
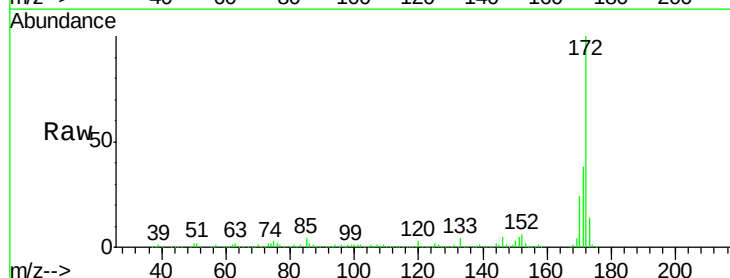
Instrument :
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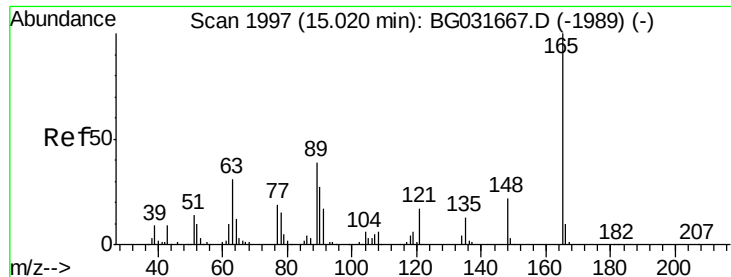
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	25.3	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 91.50 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031779.D
 Acq: 27 Dec 2017 2:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	23.5	19.5	29.3

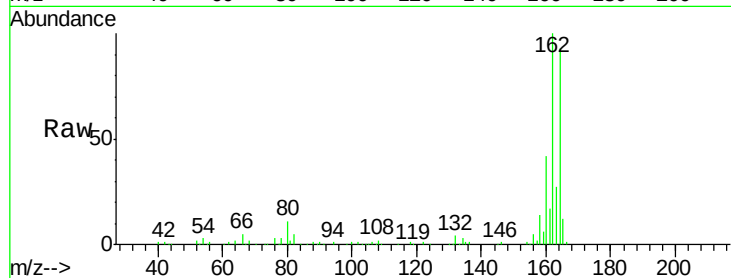




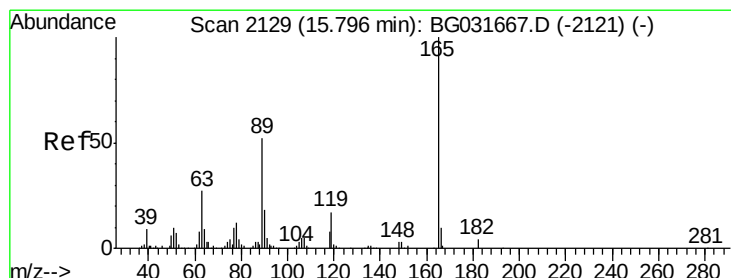
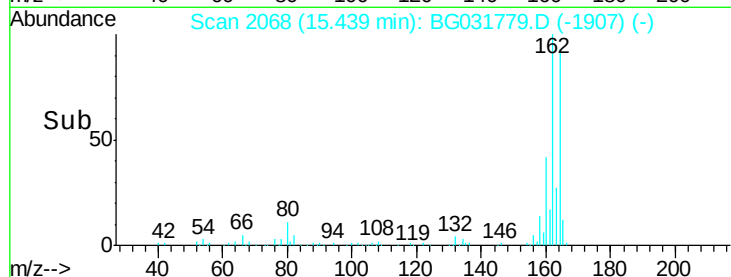
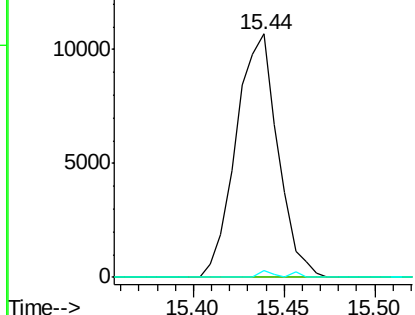
#50
2,6-Dinitrotoluene
Concen: 7.93 ng
RT: 15.44 min Scan# 2068
Delta R.T. 0.42 min
Lab File: BG031779.D
Acq: 27 Dec 2017 2:46

Instrument :
BNA_G
ClientSampleId :
TR-04-122217

Tot Ion:165 Resp: 17104
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 2.9 49.2 73.8#

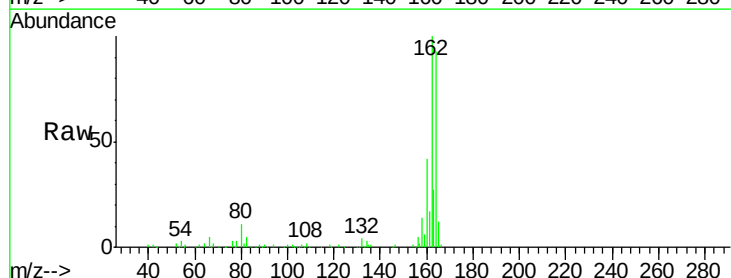


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

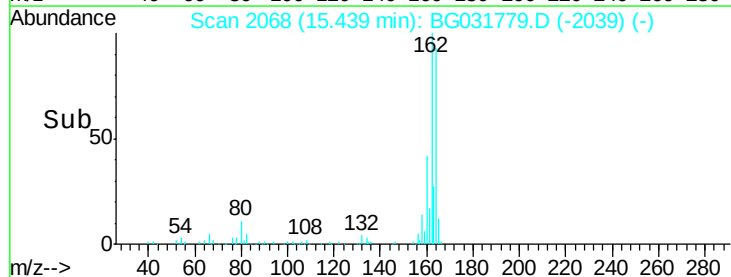
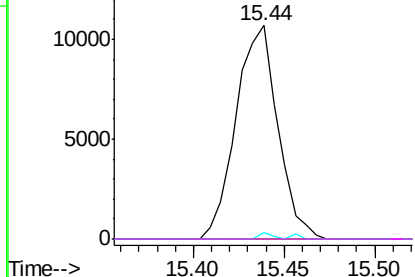


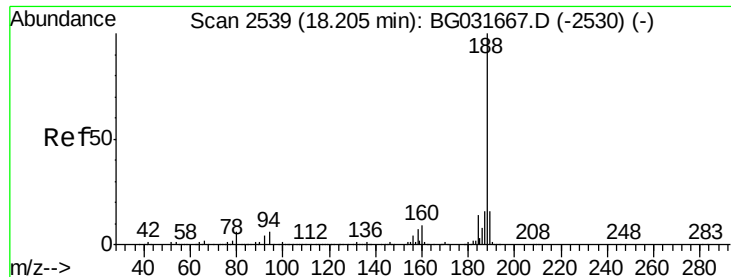
#56
2,4-Dinitrotoluene
Concen: 6.16 ng
RT: 15.44 min Scan# 2068
Delta R.T. -0.36 min
Lab File: BG031779.D
Acq: 27 Dec 2017 2:46

Tgt Ion:165 Resp: 17104
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 2.9 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

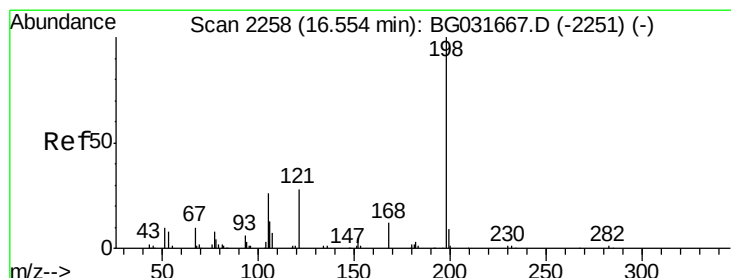
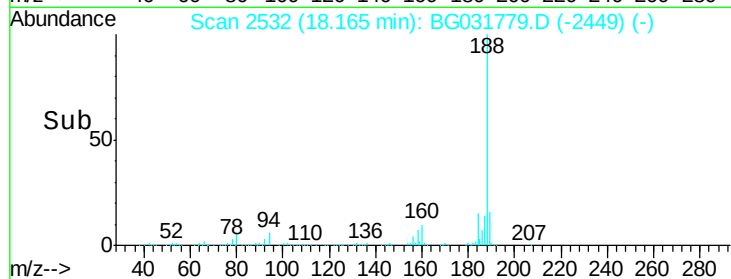
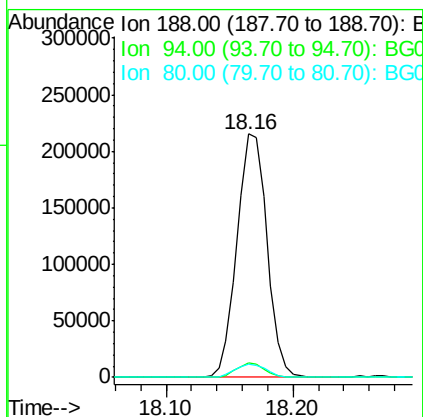
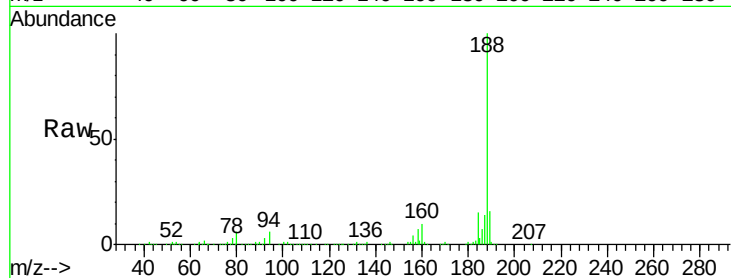




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031779.D
Acq: 27 Dec 2017 2:46

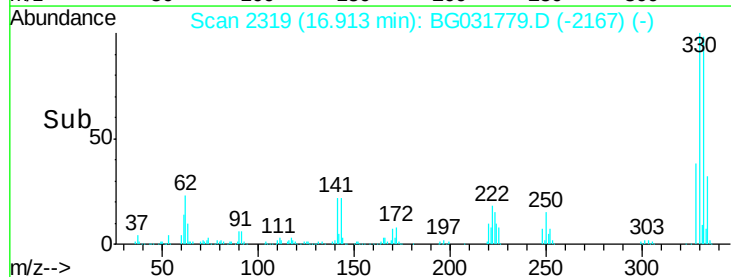
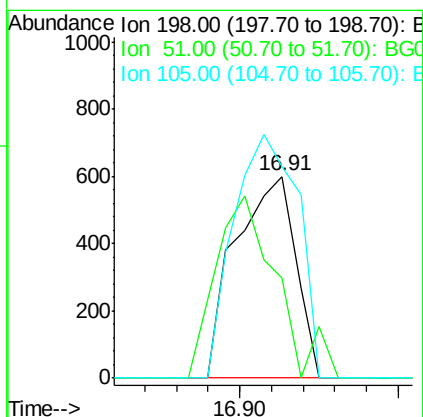
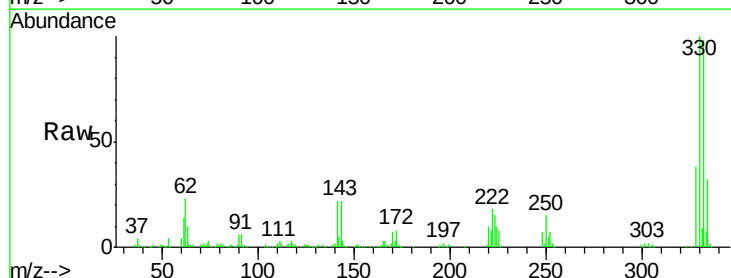
Instrument :
BNA_G
ClientSampleId :
TR-04-122217

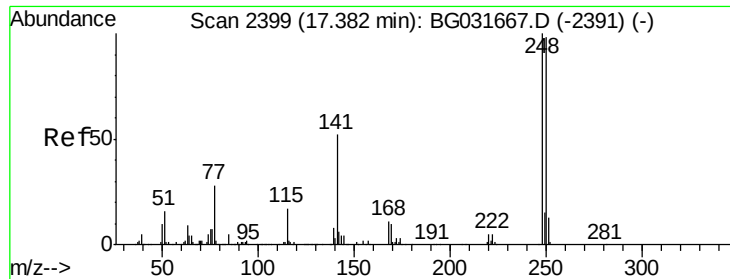
Tot Ion:188 Resp: 353632
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 5.7 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.68 ng
RT: 16.91 min Scan# 2319
Delta R.T. 0.36 min
Lab File: BG031779.D
Acq: 27 Dec 2017 2:46

Tgt Ion:198 Resp: 786
Ion Ratio Lower Upper
198 100
51 49.7 30.6 70.6
105 104.7 23.8 63.8#

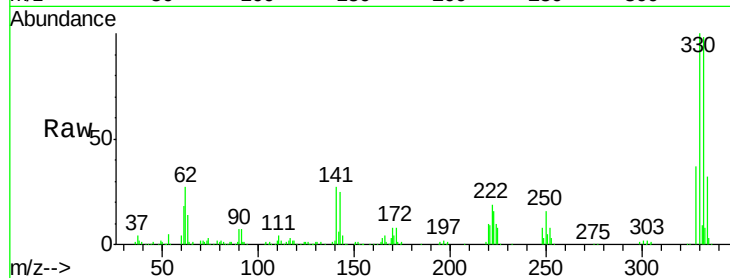




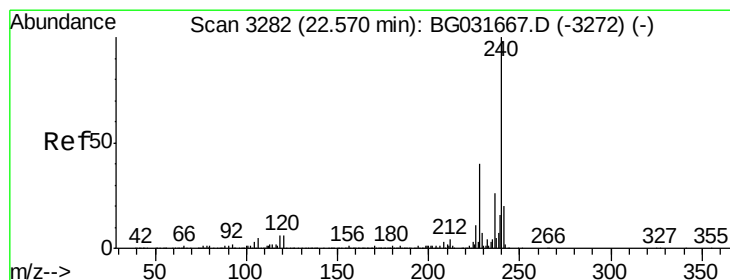
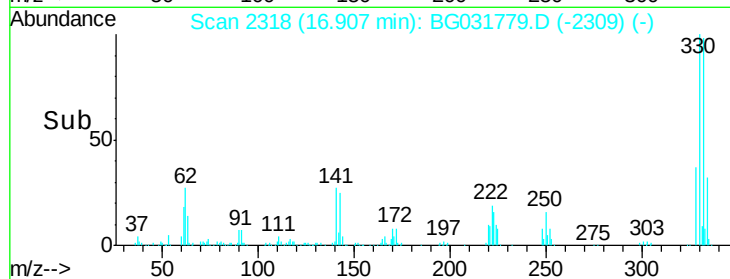
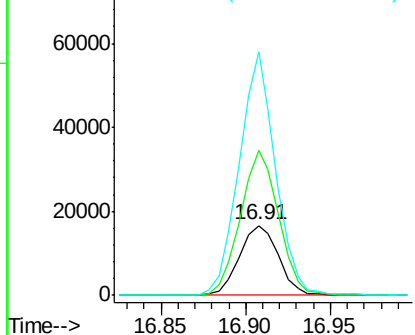
#66
4-Bromophenyl-phenylether
Concen: 5.19 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.47 min
Lab File: BG031779.D
Acq: 27 Dec 2017 2:46

Instrument :
BNA_G
ClientSampleId :
TR-04-122217

Tot Ion:248 Resp: 26536
Ion Ratio Lower Upper
248 100
250 208.1 77.1 115.7#
141 348.7 50.8 76.2#

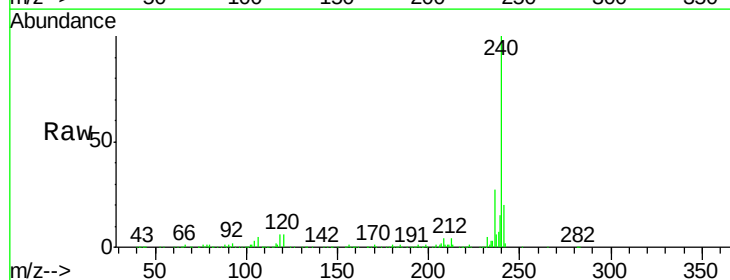


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

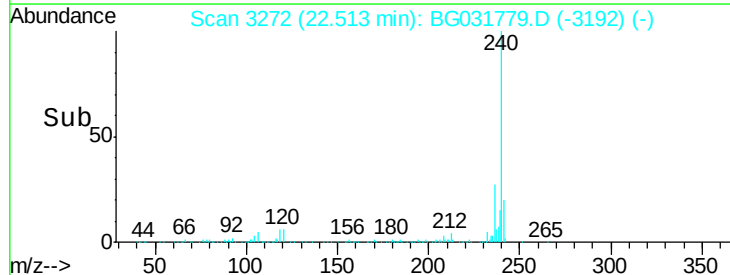
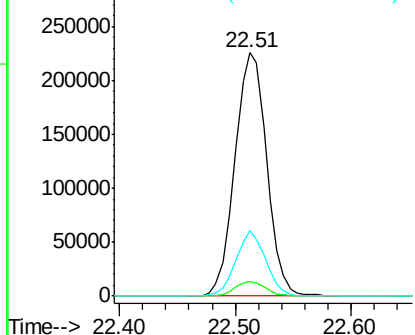


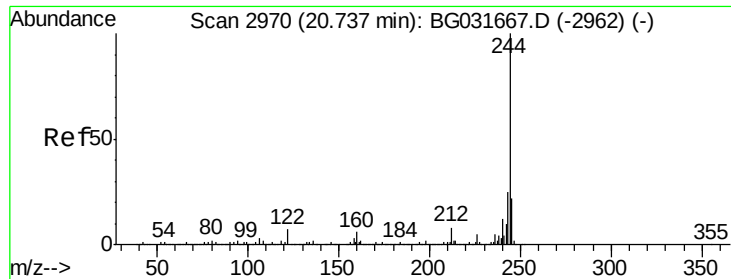
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031779.D
Acq: 27 Dec 2017 2:46

Tgt Ion:240 Resp: 431155
Ion Ratio Lower Upper
240 100
120 5.8 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

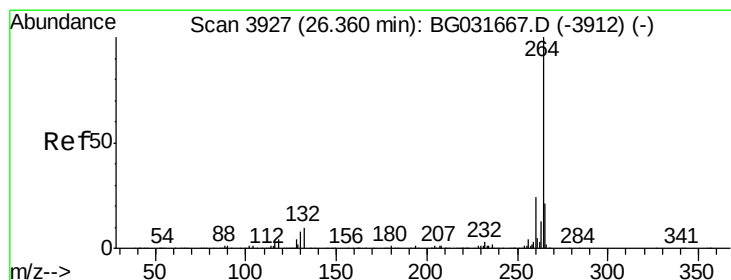
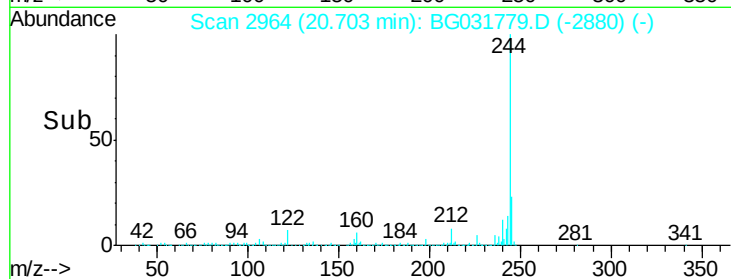
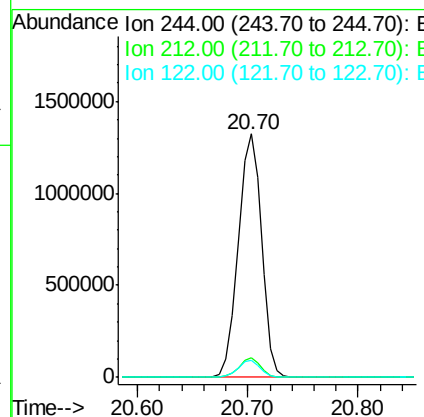
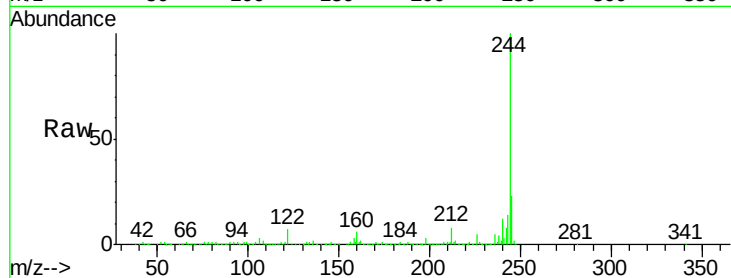




#78
 Terphenyl-d14
 Concen: 104.02 ng
 RT: 20.70 min Scan# 2964
 Delta R.T. -0.03 min
 Lab File: BG031779.D
 Acq: 27 Dec 2017 2:46

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-122217

Tot Ion:244 Resp: 1963010
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 7.3 7.0 10.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 26.27 min Scan# 3911
 Delta R.T. -0.09 min
 Lab File: BG031779.D
 Acq: 27 Dec 2017 2:46

Tgt Ion:264 Resp: 457824
 Ion Ratio Lower Upper
 264 100
 260 22.1 17.4 26.0
 265 22.7 17.7 26.5

