

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
 Data File : BG032942.D
 Acq On : 2 Mar 2018 8:03
 Operator : SJ/JU
 Sample : J1699-60
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 02 10:57:20 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	59786	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	255961	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	144215	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	316974	20.00	ng	0.00
75) Chrysene-d12	22.62	240	287885	20.00	ng	0.00
86) Perylene-d12	26.43	264	273349	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.33	112	498466	133.39	ng	0.00
7) Phenol-d6	8.01	99	611852	117.46	ng	0.00
23) Nitrobenzene-d5	10.12	82	425181	111.74	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	186041	122.69	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	945240	94.53	ng	0.00
78) Terphenyl-d14	20.78	244	1320150	103.03	ng	0.00

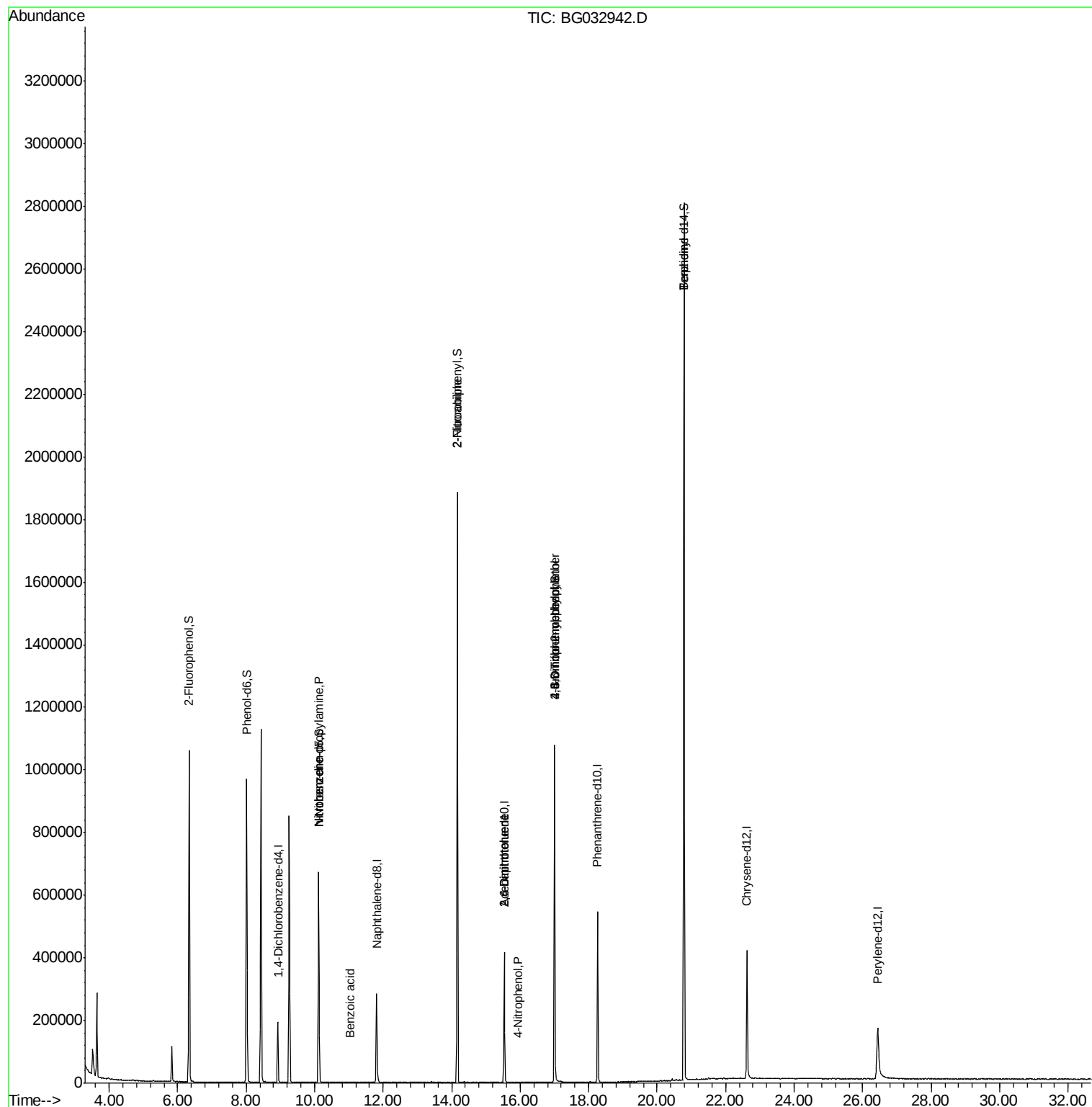
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	10.12	70	55745	15.159	ng	# 81
24) Nitrobenzene	10.11	77	1219	6.639	ng	# 41
32) Benzoic acid	11.03	122	122	5.876	ng	# 40
47) 2-Nitroaniline	14.16	65	1815	10.444	ng	# 5
50) 2,6-Dinitrotoluene	15.53	165	18142	16.190	ng	# 18
55) 4-Nitrophenol	15.93	139	322	7.227	ng	# 1
56) 2,4-Dinitrotoluene	15.53	165	18142	14.386	ng	# 16
64) 4,6-Dinitro-2-methylphenol	17.00	198	585	5.733	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	13270	3.959	ng	# 1
76) Benzidine	20.78	184	22427	2.285	ng	# 92

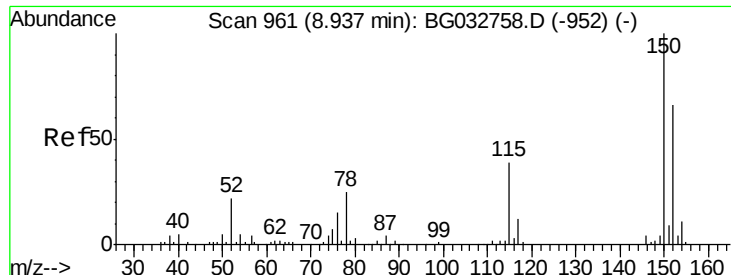
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
Data File : BG032942.D
Acq On : 2 Mar 2018 8:03
Operator : SJ/JU
Sample : J1699-60
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 02 10:57:20 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.92 min Scan# 958

Delta R.T. -0.00 min

Lab File: BG032942.D

Acq: 2 Mar 2018 8:03

Instrument :

BNA_G

ClientSampleId :

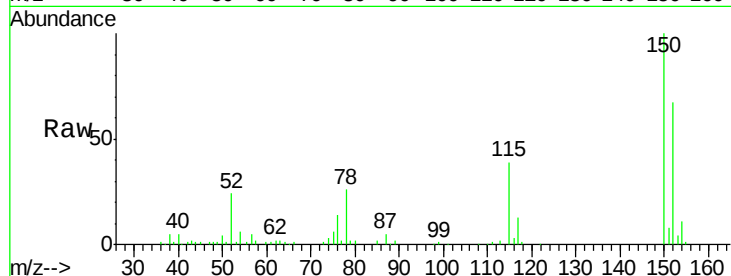
Tot Ion:152 Resp: 59786

Ion Ratio Lower Upper

152 100

150 150.1 126.6 189.8

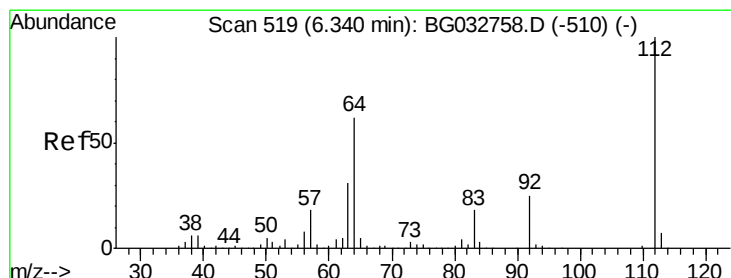
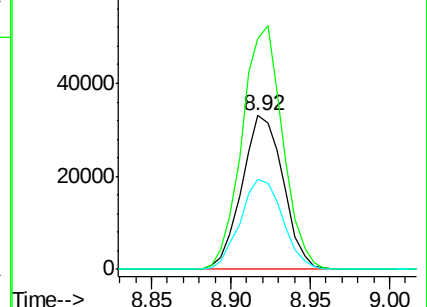
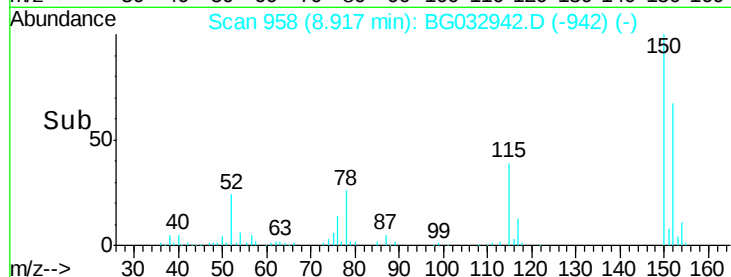
115 58.6 53.0 79.4



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: 133.388 ng

RT: 6.33 min Scan# 518

Delta R.T. 0.00 min

Lab File: BG032942.D

Acq: 2 Mar 2018 8:03

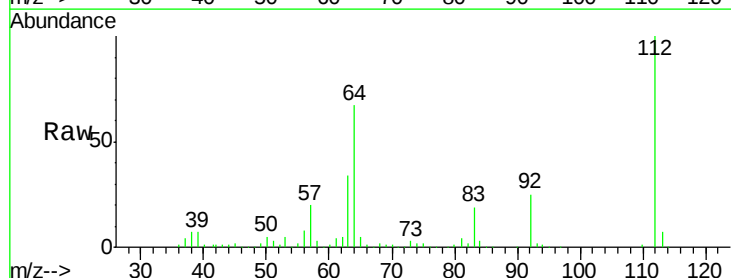
Tgt Ion:112 Resp: 498466

Ion Ratio Lower Upper

112 100

64 66.7 56.3 84.5

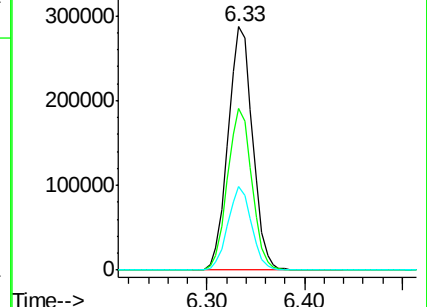
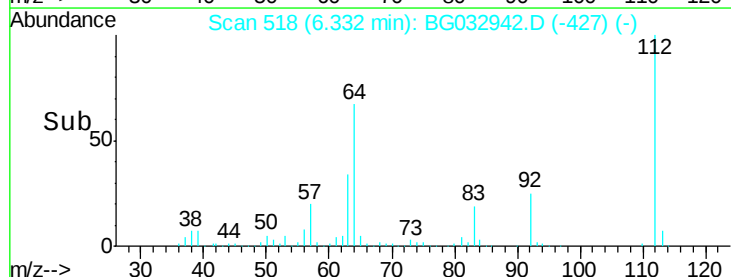
63 34.2 30.1 45.1



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: 117.465 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032942.D

Acq: 2 Mar 2018 8:03

Instrument :

BNA_G

ClientSampled :

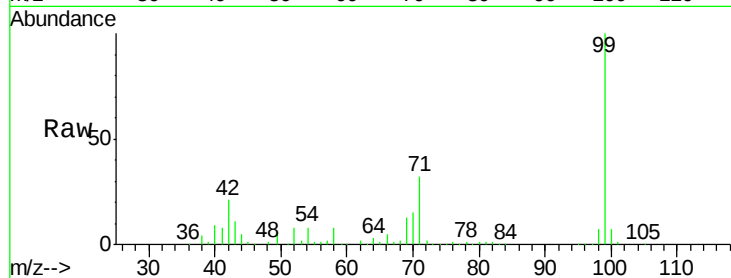
Tot Ion: 99 Resp: 611852

Ion Ratio Lower Upper

99 100

42 20.6 14.1 21.1

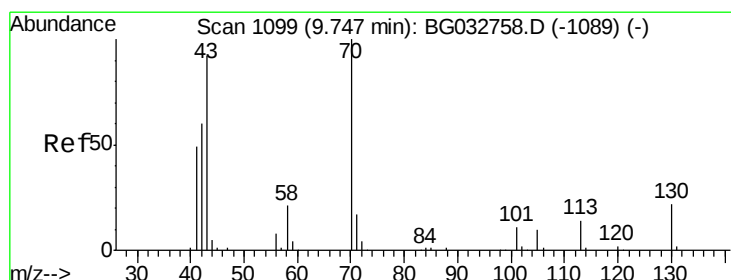
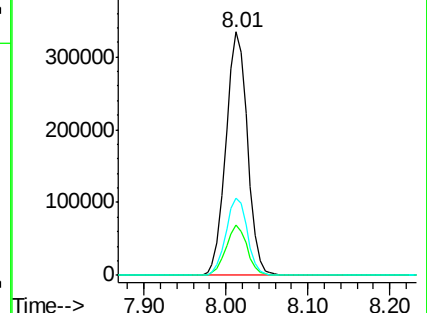
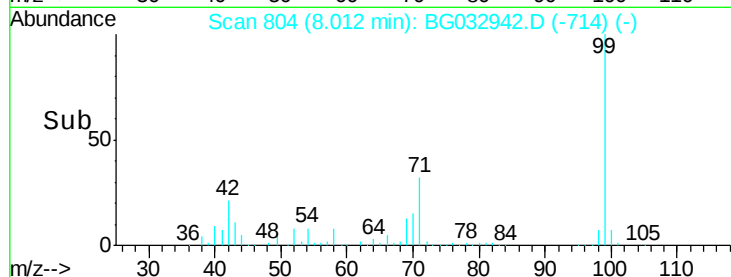
71 31.7 26.1 39.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.159 ng

RT: 10.12 min Scan# 1162

Delta R.T. 0.38 min

Lab File: BG032942.D

Acq: 2 Mar 2018 8:03

Tgt Ion: 70 Resp: 55745

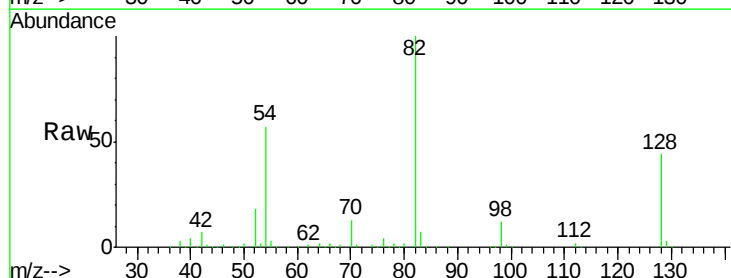
Ion Ratio Lower Upper

70 100

42 51.6 49.1 73.7

101 0.0 8.5 12.7#

130 1.8 13.4 20.0#

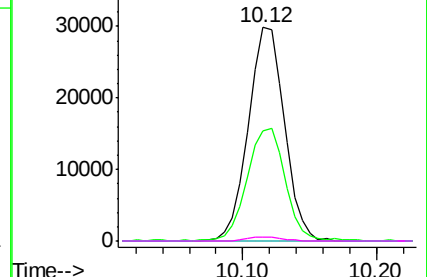
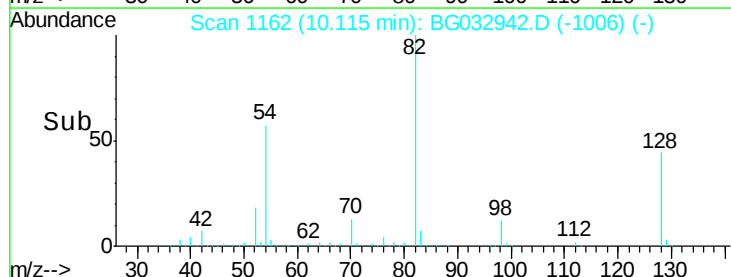


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

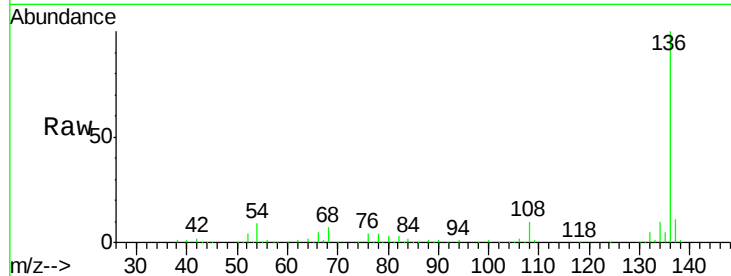




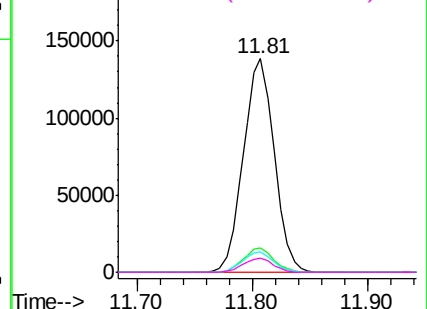
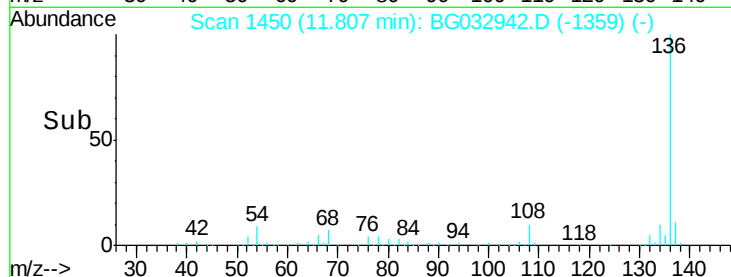
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BG032942.D
Acq: 2 Mar 2018 8:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	9.4	10.3	15.5
68	6.5	4.5	6.7

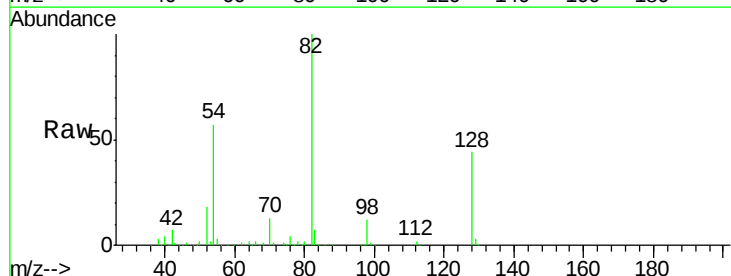


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

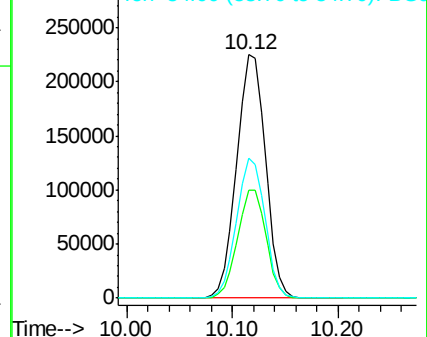
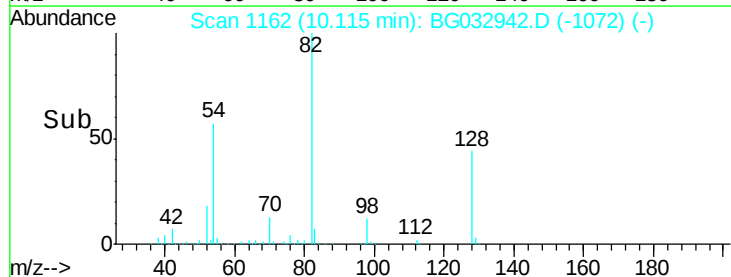


#23
Nitrobenzene-d5
Concen: 111.743 ng
RT: 10.12 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BG032942.D
Acq: 2 Mar 2018 8:03

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.3	29.7	44.5
54	57.2	43.1	64.7



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

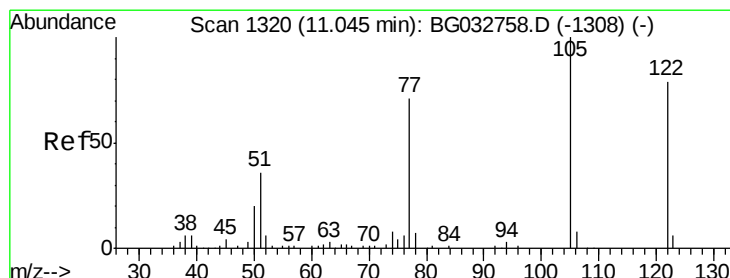
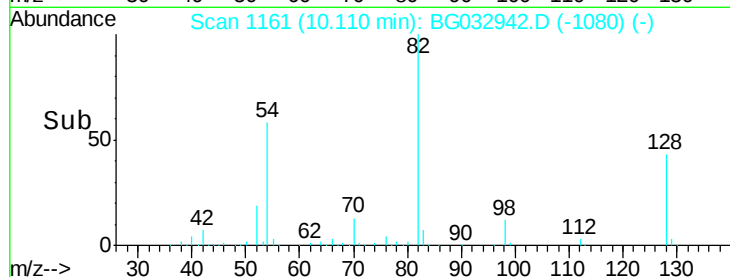
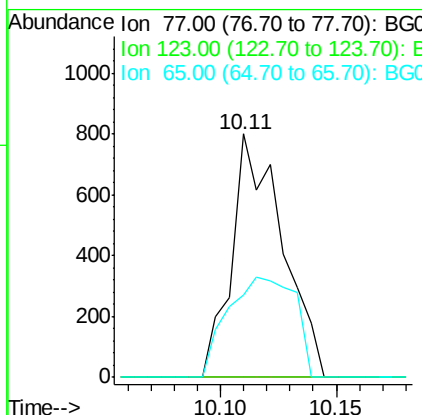
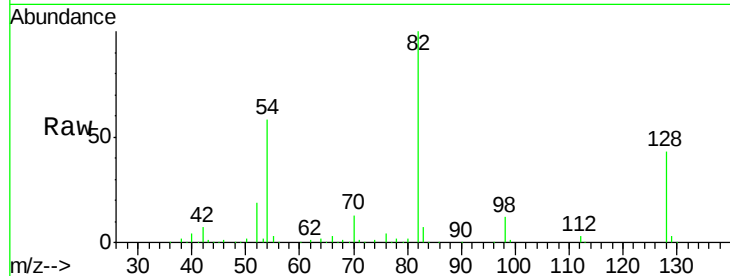




#24
 Nitrobenzene
 Concen: 6.639 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.06 min
 Lab File: BG032942.D
 Acq: 2 Mar 2018 8:03

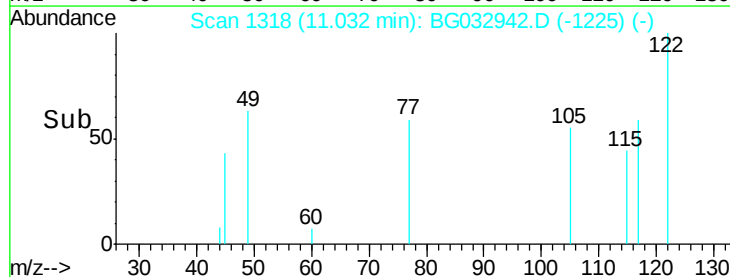
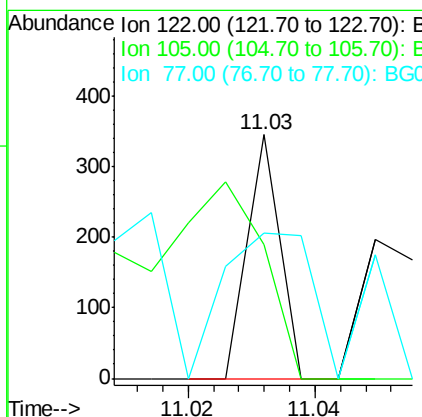
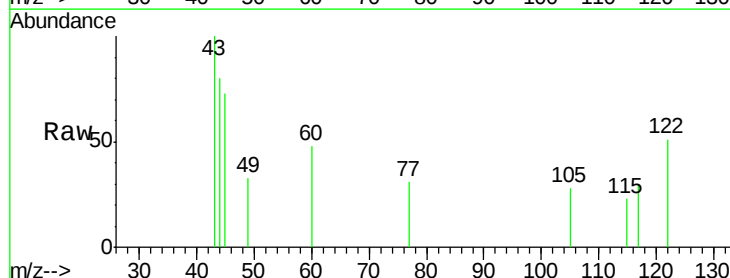
Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 77 Resp: 1219
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 34.0 13.0 19.6#



#32
 Benzoic acid
 Concen: 5.876 ng
 RT: 11.03 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: BG032942.D
 Acq: 2 Mar 2018 8:03

Tgt Ion: 122 Resp: 122
 Ion Ratio Lower Upper
 122 100
 105 55.1 123.5 163.5#
 77 59.4 85.7 125.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BG032942.D

Acq: 2 Mar 2018 8:03

Instrument :

BNA_G

ClientSampleId :

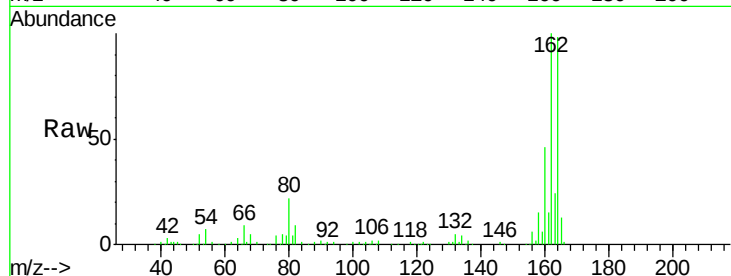
Tot Ion:164 Resp: 144215

Ion Ratio Lower Upper

164 100

162 102.2 78.8 118.2

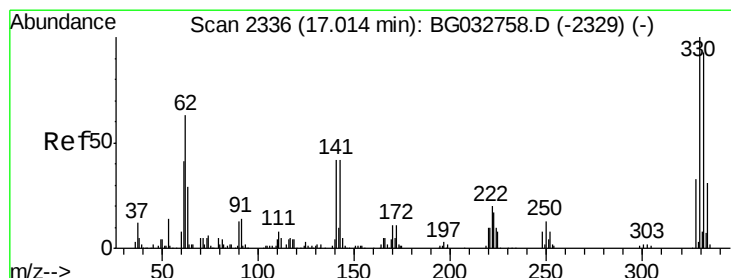
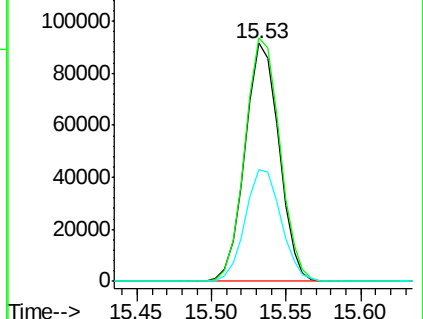
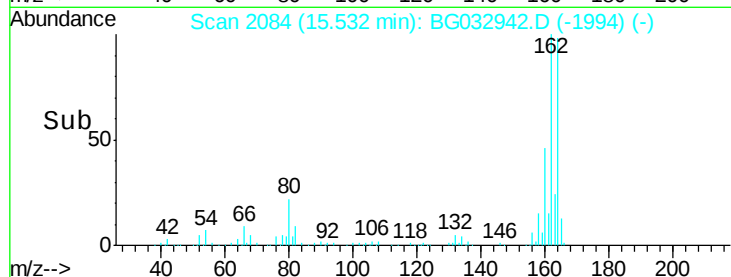
160 46.8 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 122.688 ng

RT: 17.01 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BG032942.D

Acq: 2 Mar 2018 8:03

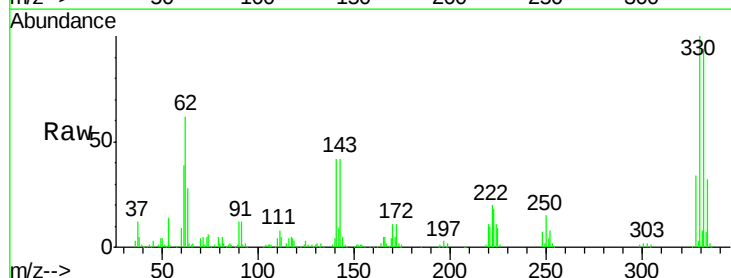
Tgt Ion:330 Resp: 186041

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

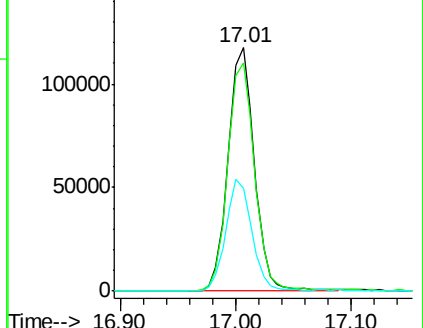
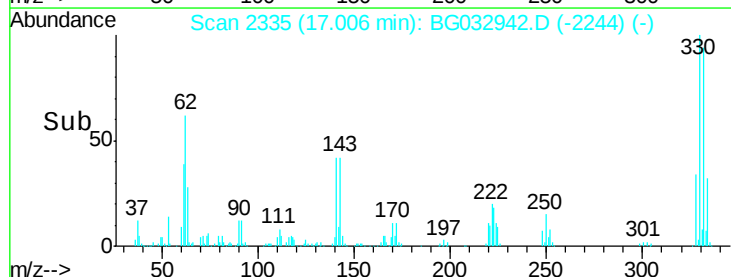
141 45.2 25.2 37.8#

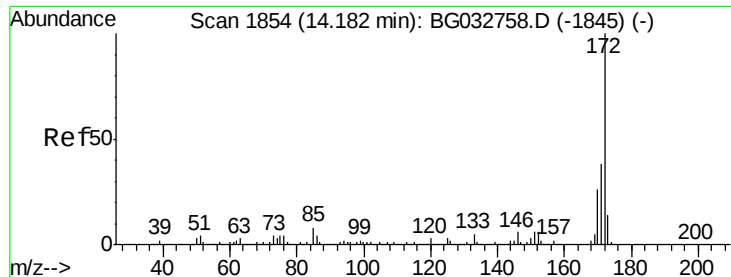


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

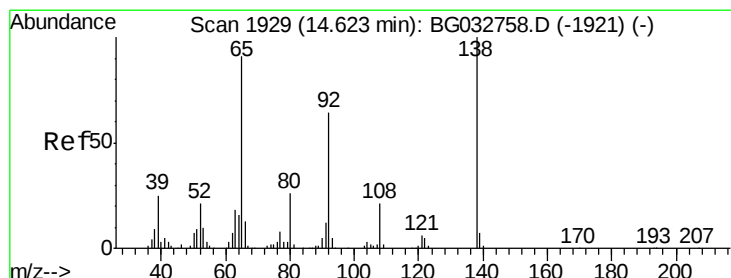
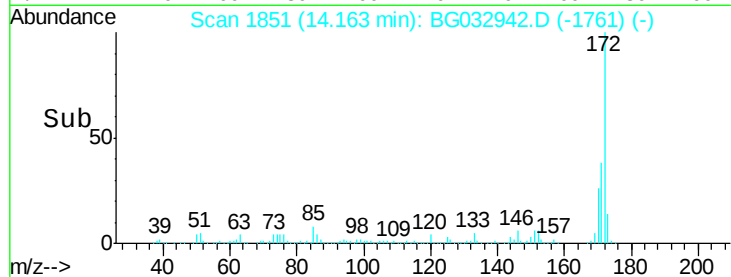
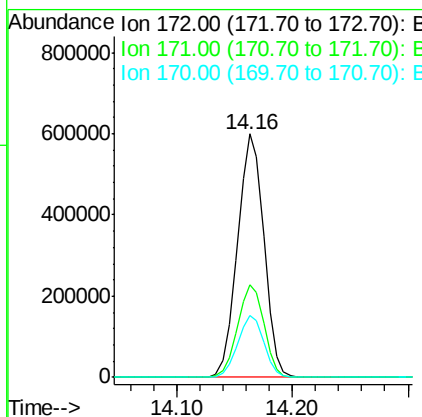
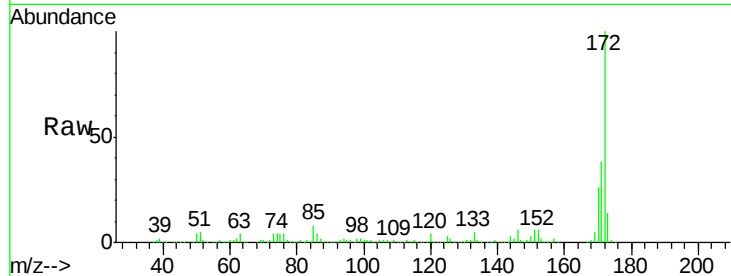




#44
 2-Fluorobiphenyl
 Concen: 94.531 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BG032942.D
 Acq: 2 Mar 2018 8:03

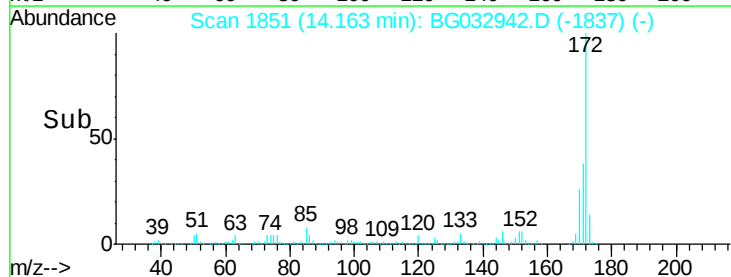
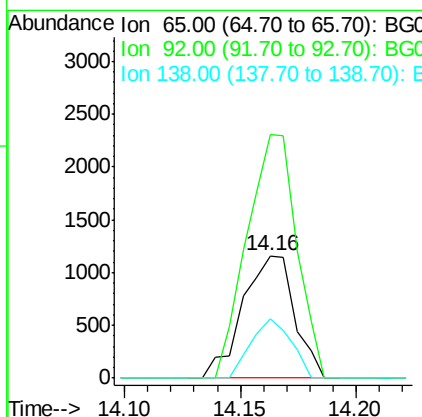
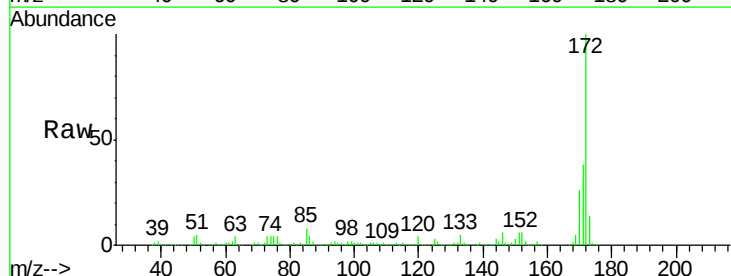
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	25.6	19.5	29.3



#47
 2-Nitroaniline
 Concen: 10.444 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.45 min
 Lab File: BG032942.D
 Acq: 2 Mar 2018 8:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	198.5	54.6	82.0#
138	48.3	72.9	109.3#

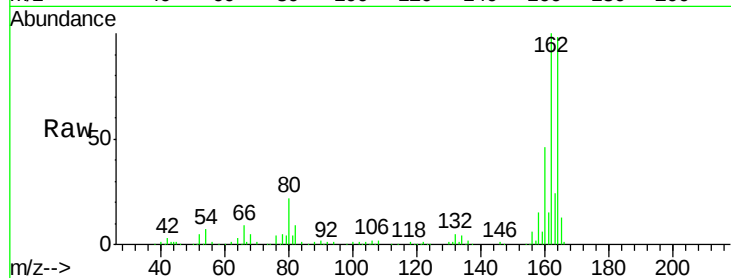




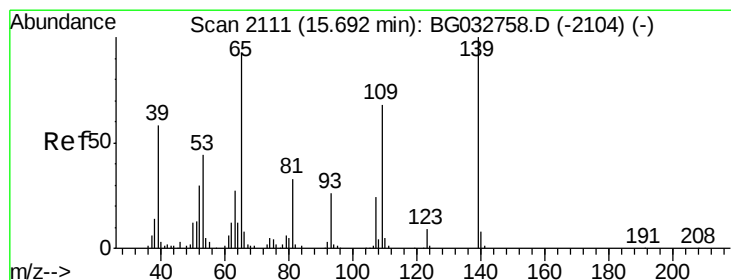
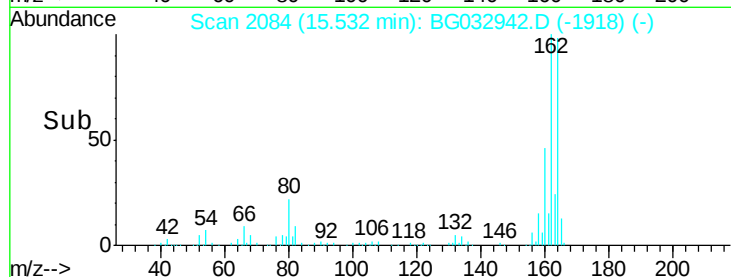
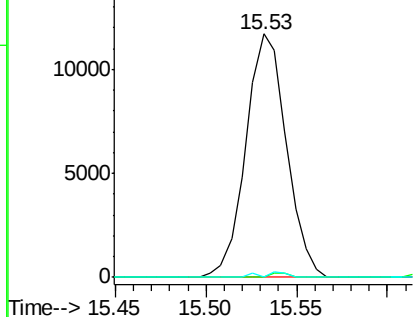
#50
2,6-Dinitrotoluene
Concen: 16.190 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.44 min
Lab File: BG032942.D
Acq: 2 Mar 2018 8:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 18142
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#

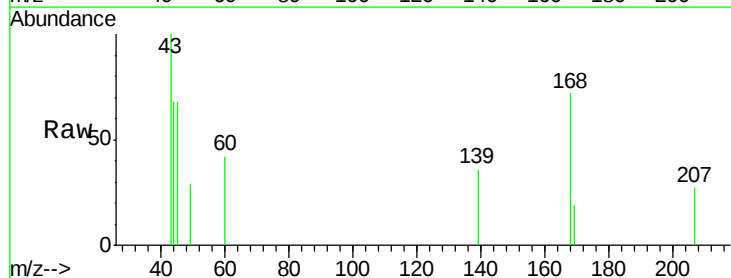


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO

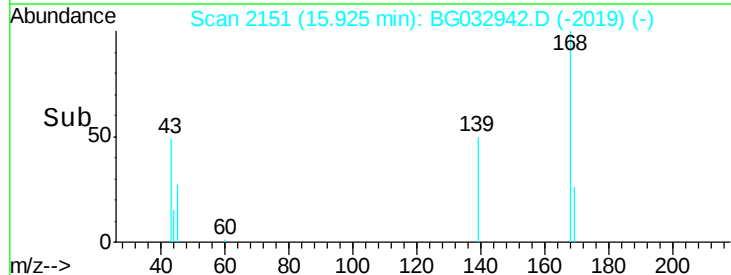
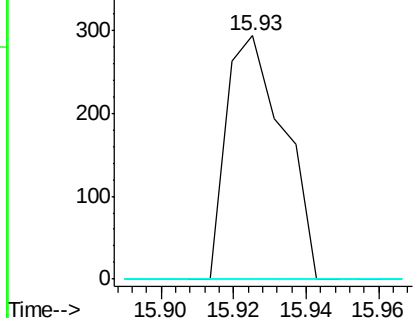


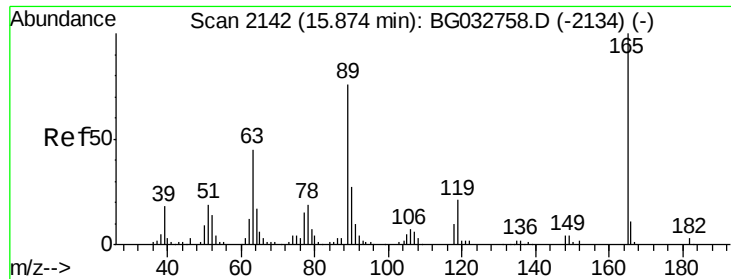
#55
4-Nitrophenol
Concen: 7.227 ng
RT: 15.93 min Scan# 2151
Delta R.T. 0.24 min
Lab File: BG032942.D
Acq: 2 Mar 2018 8:03

Tgt Ion:139 Resp: 322
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGO

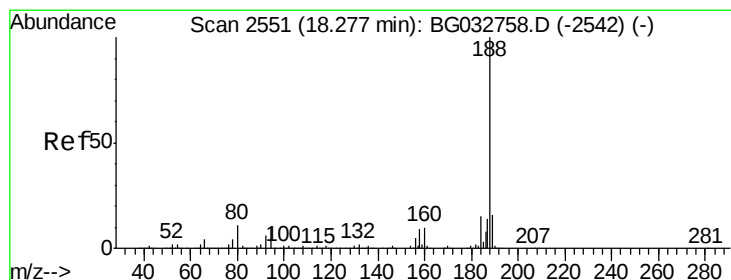
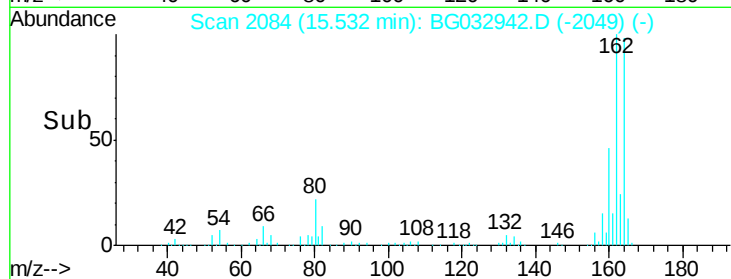
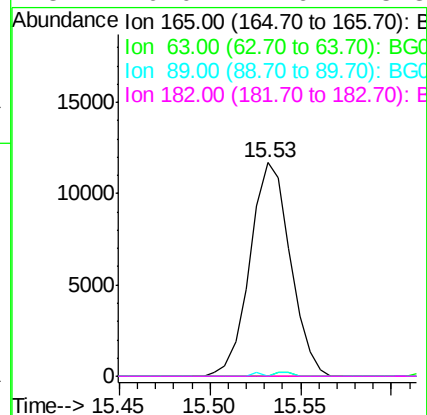
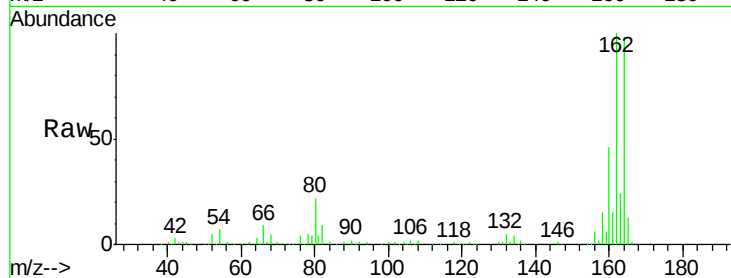




#56
 2,4-Dinitrotoluene
 Concen: 14.386 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.33 min
 Lab File: BG032942.D
 Acq: 2 Mar 2018 8:03

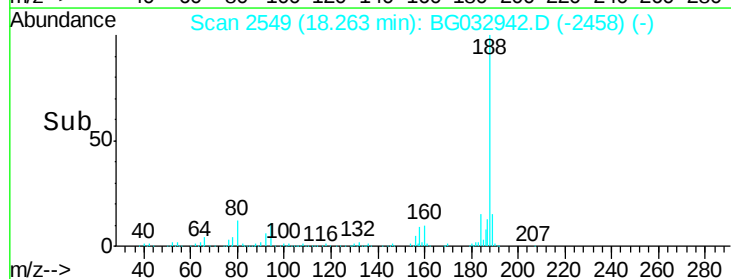
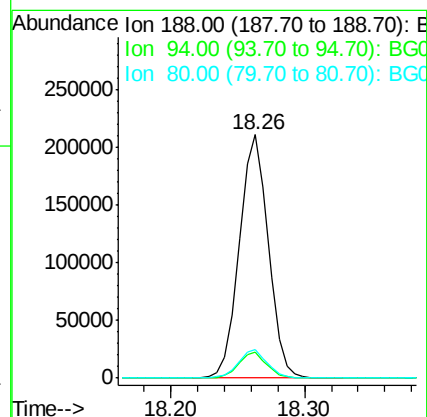
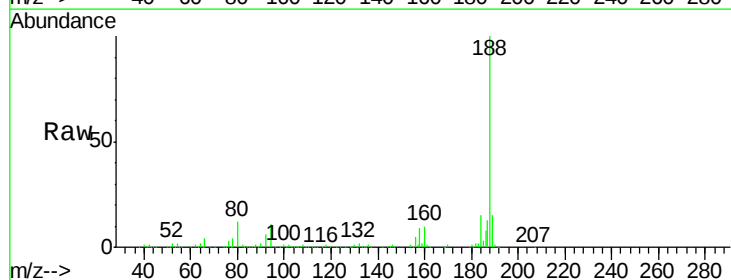
Instrument :
 BNA_G
 ClientSampleId :

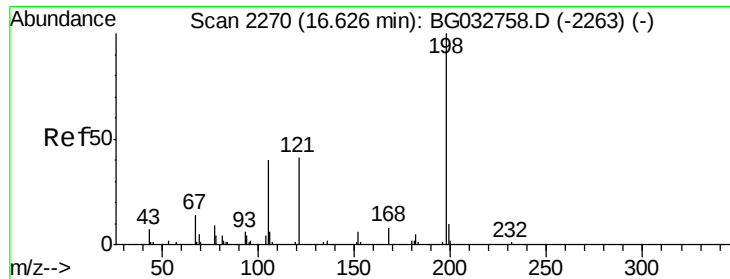
Tot Ion:165	Resp:	18142
Ion Ratio	Lower	Upper
165 100		
63 0.0	42.0	63.0#
89 0.0	66.9	100.3#
182 0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: BG032942.D
 Acq: 2 Mar 2018 8:03

Tgt	Ion:188	Resp:	316974
Ion	Ratio	Lower	Upper
188	100		
94	10.6	6.9	10.3#
80	11.8	7.7	11.5#

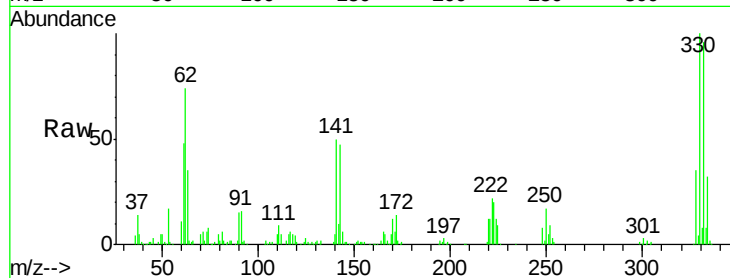




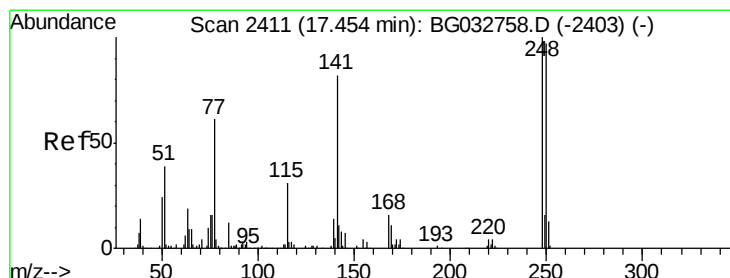
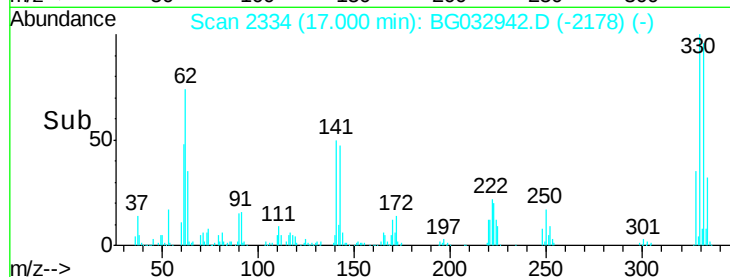
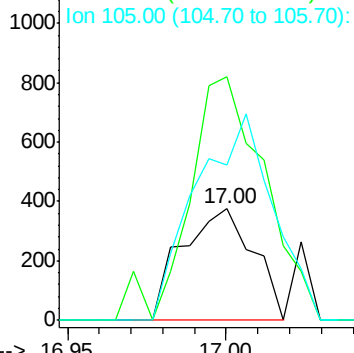
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.733 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.38 min
 Lab File: BG032942.D
 Acq: 2 Mar 2018 8:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 585
 Ion Ratio Lower Upper
 198 100
 51 218.1 30.6 70.6#
 105 139.1 23.8 63.8#

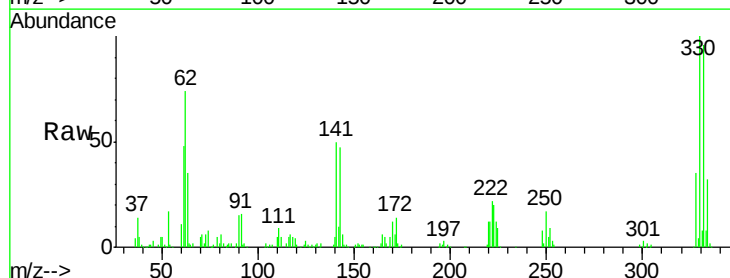


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

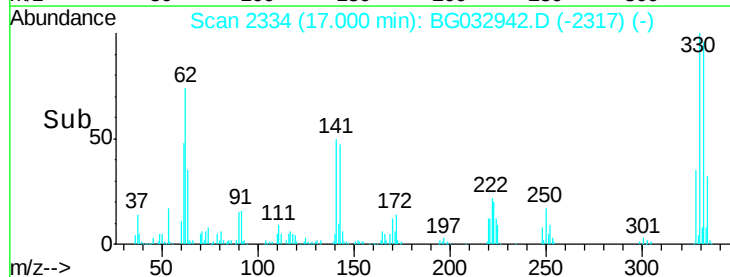
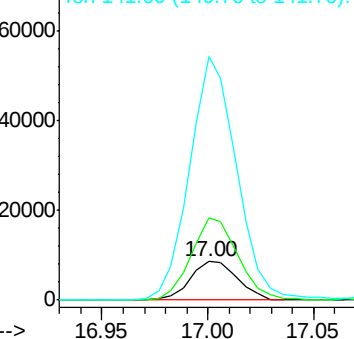


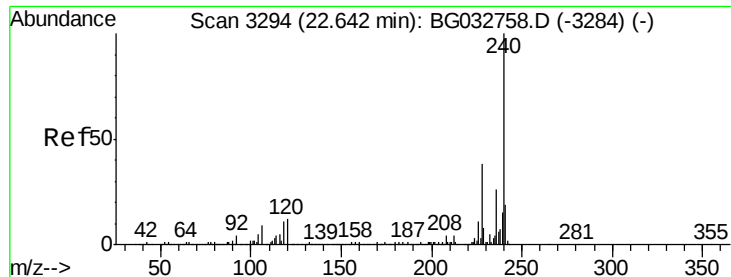
#66
 4-Bromophenyl-phenylether
 Concen: 3.959 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.43 min
 Lab File: BG032942.D
 Acq: 2 Mar 2018 8:03

Tgt Ion:248 Resp: 13270
 Ion Ratio Lower Upper
 248 100
 250 213.6 77.1 115.7#
 141 633.3 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

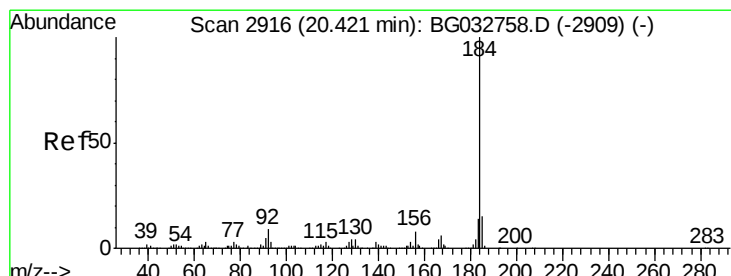
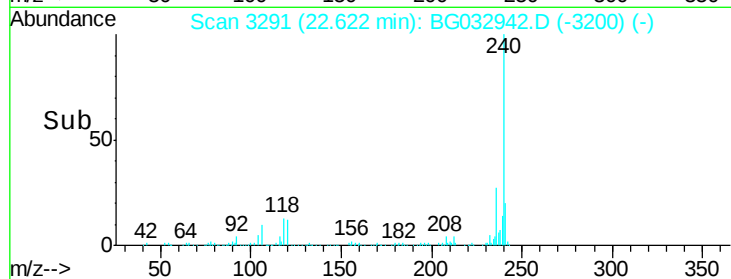
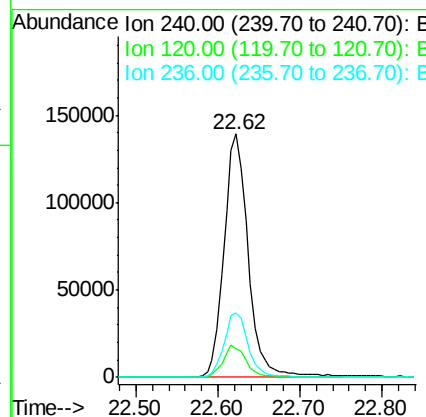
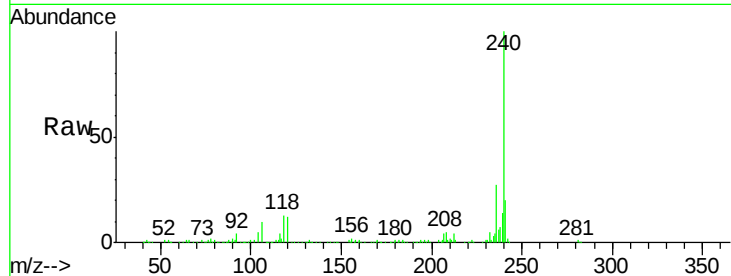




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.62 min Scan# 3291
 Delta R.T. 0.00 min
 Lab File: BG032942.D
 Acq: 2 Mar 2018 8:03

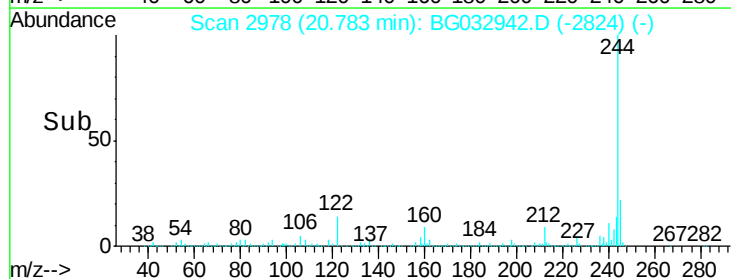
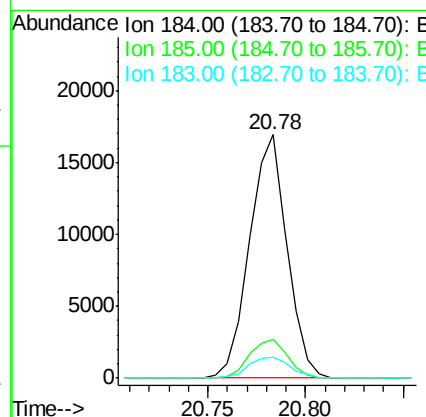
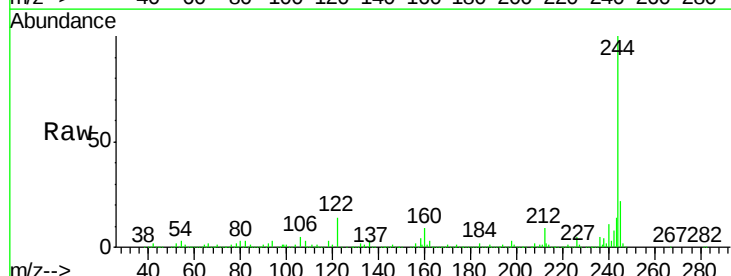
Instrument :
 BNA_G
 ClientSampleId :

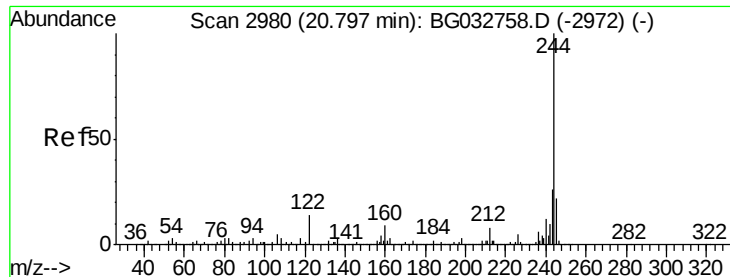
Tot Ion:240 Resp: 287885
 Ion Ratio Lower Upper
 240 100
 120 12.0 6.8 10.2#
 236 26.7 20.9 31.3



#76
 Benzidine
 Concen: 2.285 ng
 RT: 20.78 min Scan# 2978
 Delta R.T. 0.37 min
 Lab File: BG032942.D
 Acq: 2 Mar 2018 8:03

Tgt Ion:184 Resp: 22427
 Ion Ratio Lower Upper
 184 100
 185 15.8 11.1 16.7
 183 8.7 10.6 16.0#





#78

Terphenyl-d14

Concen: 103.028 ng

RT: 20.78 min Scan# 2978

Delta R.T. 0.01 min

Lab File: BG032942.D

Acq: 2 Mar 2018 8:03

Instrument :

BNA_G

ClientSampleId :

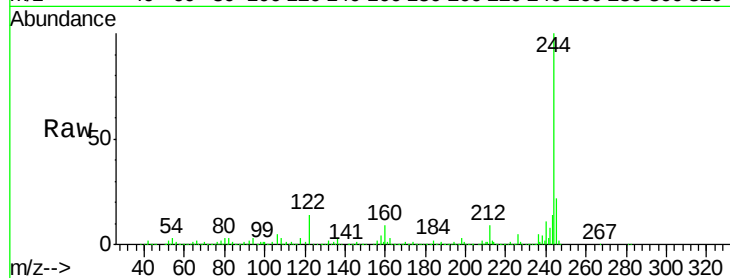
Tot Ion:244 Resp: 1320150

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

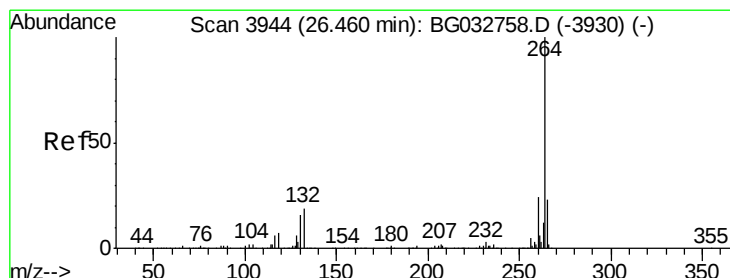
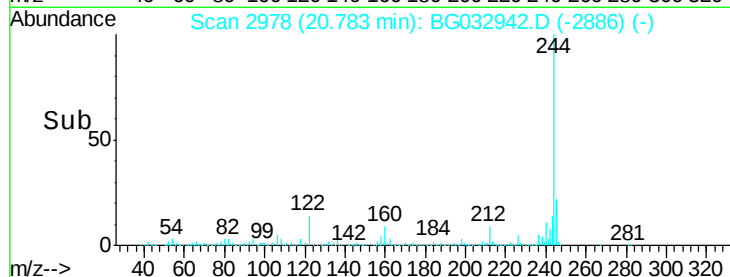
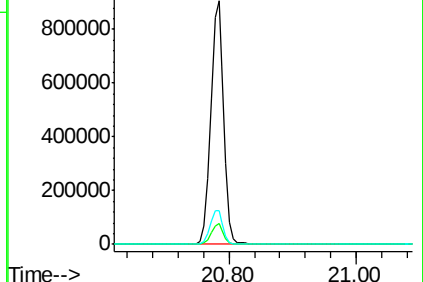
122 14.0 7.0 10.4#



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: 20.000 ng

RT: 26.43 min Scan# 3940

Delta R.T. 0.01 min

Lab File: BG032942.D

Acq: 2 Mar 2018 8:03

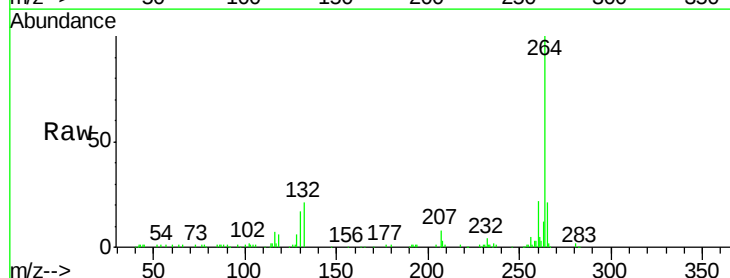
Tgt Ion:264 Resp: 273349

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.0

265 20.6 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

