

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
 Data File : BG040000.D
 Acq On : 19 Mar 2019 11:03
 Operator : JU/SJ
 Sample : K1930-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 19 11:41:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

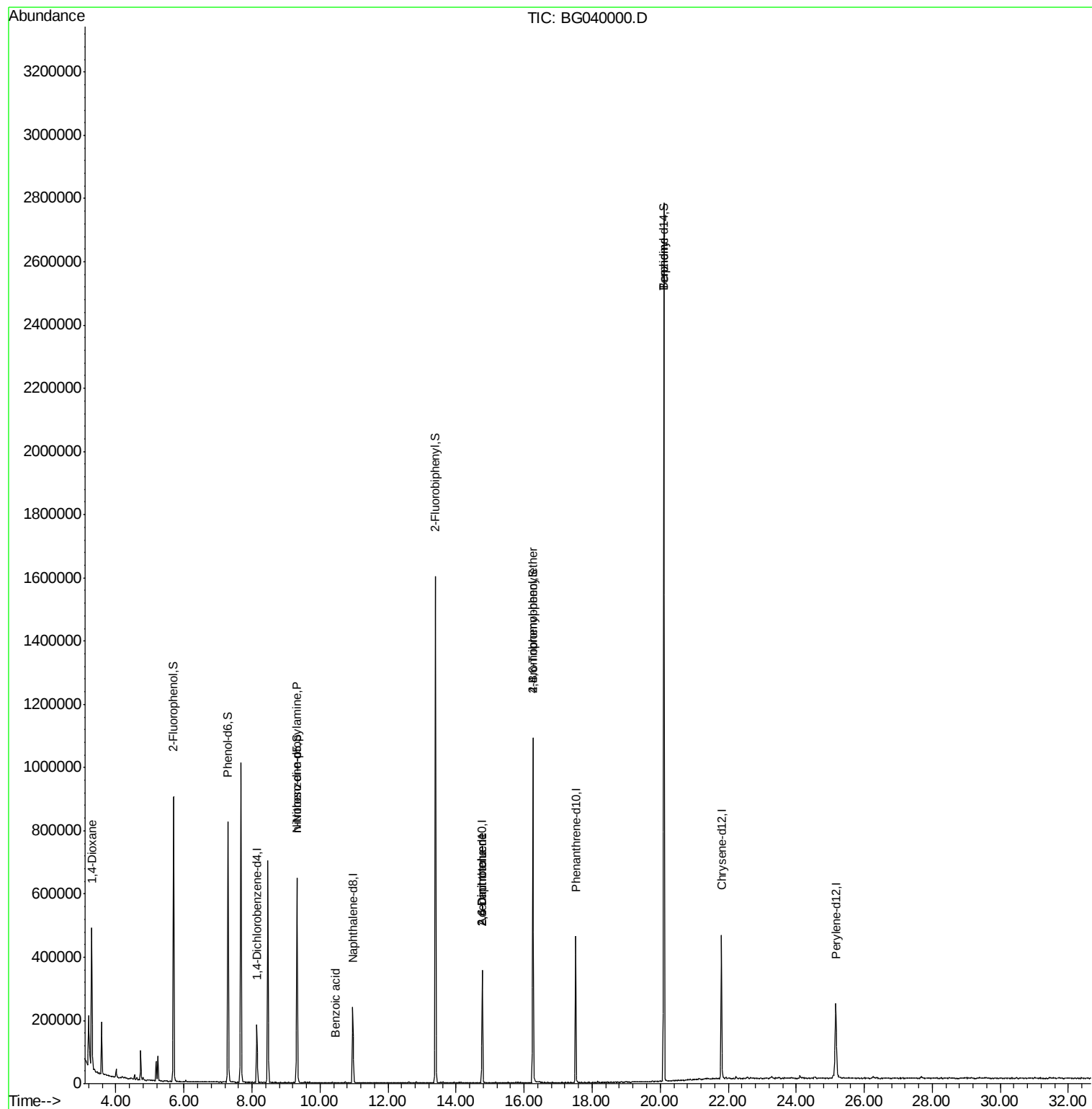
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	50019	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	202380	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	126166	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	277093	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	296870	20.00	ng	-0.02
87) Perylene-d12	25.16	264	285740	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	367056	125.19	ng	-0.01
7) Phenol-d6	7.29	99	463587	106.04	ng	-0.02
23) Nitrobenzene-d5	9.32	82	389997	104.22	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	184122	125.21	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	840491	94.85	ng	-0.02
79) Terphenyl-d14	20.11	244	1264455	93.78	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.29	88	4250	3.140	ng	# 1
19) n-Nitroso-di-n-propylamine	9.33	70	52151	16.574	ng	# 68
32) Benzoic acid	10.47	122	55	6.622	ng	# 1
51) 2,6-Dinitrotoluene	14.77	165	16103	7.200	ng	# 23
57) 2,4-Dinitrotoluene	14.77	165	16103	5.124	ng	# 18
67) 4-Bromophenyl-phenylether	16.26	248	14285	4.606	ng	# 1
77) Benzidine	20.11	184	23466	2.491	ng	# 93

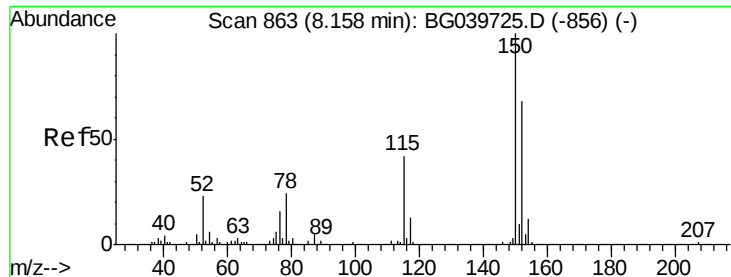
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG040000.D
Acq On : 19 Mar 2019 11:03
Operator : JU/SJ
Sample : K1930-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 19 11:41:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration



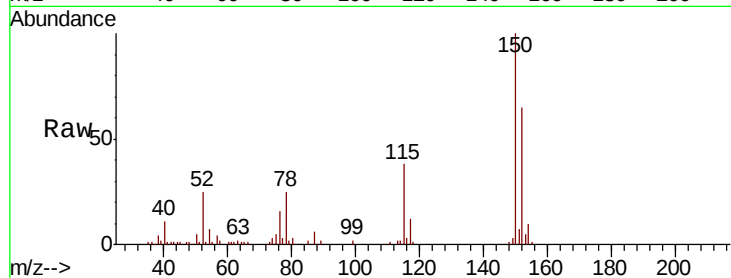


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG040000.D
Acq: 19 Mar 2019 11:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.7	185.5
115	58.4	45.9	68.9

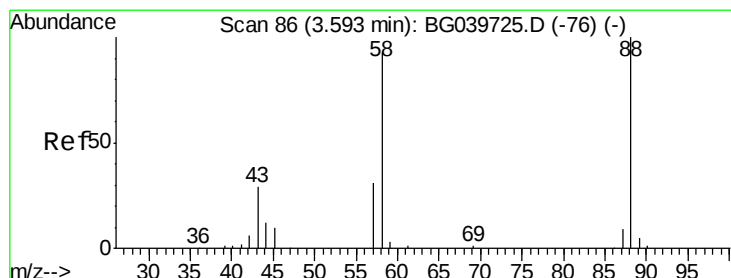
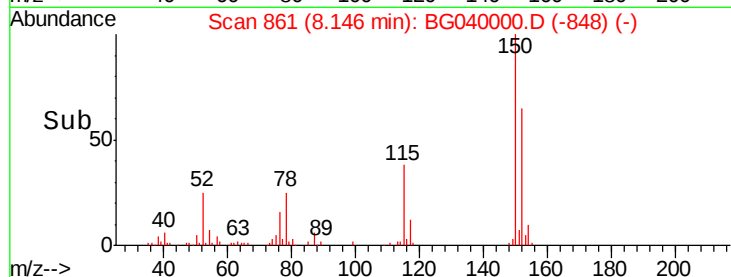
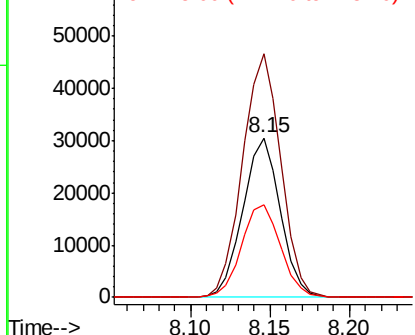


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

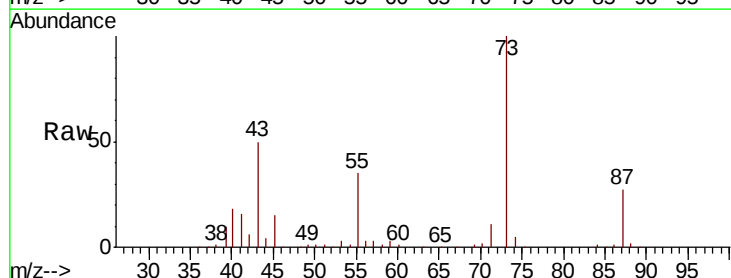
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 3.140 ng
RT: 3.29 min Scan# 34
Delta R.T. -0.32 min
Lab File: BG040000.D
Acq: 19 Mar 2019 11:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	41.0	81.1	121.7#
43	2952.7	31.4	47.0#

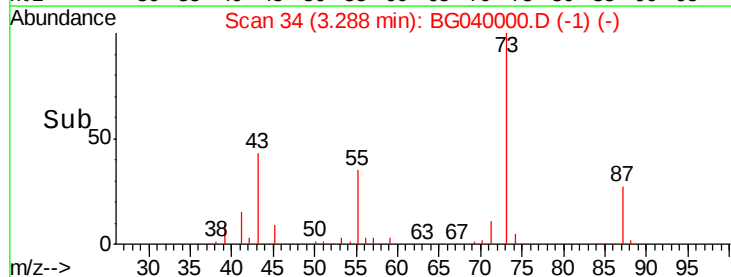
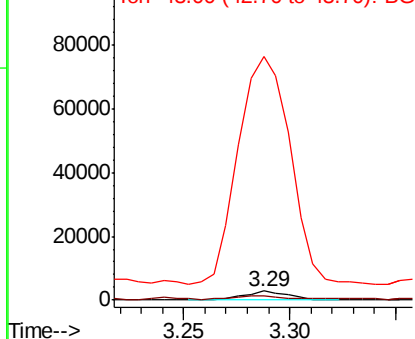


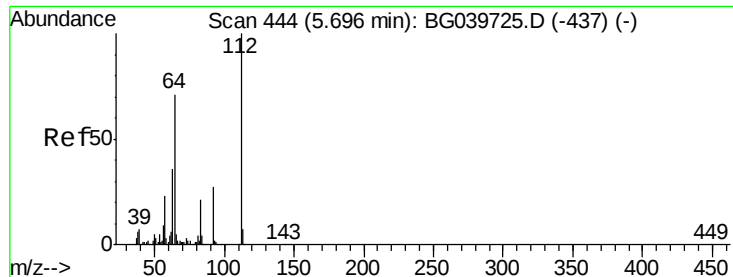
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 125.193 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG040000.D

Acq: 19 Mar 2019 11:03

Instrument :

BNA_G

ClientSampleId :

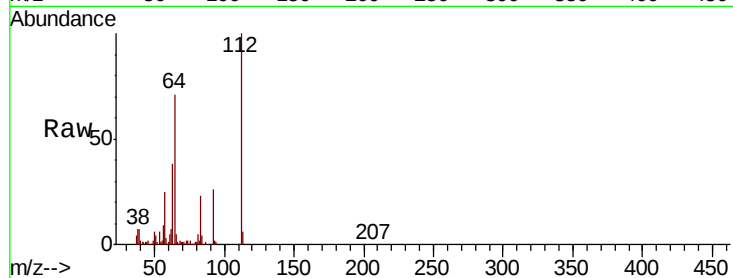
Tot Ion:112 Resp: 367056

Ion Ratio Lower Upper

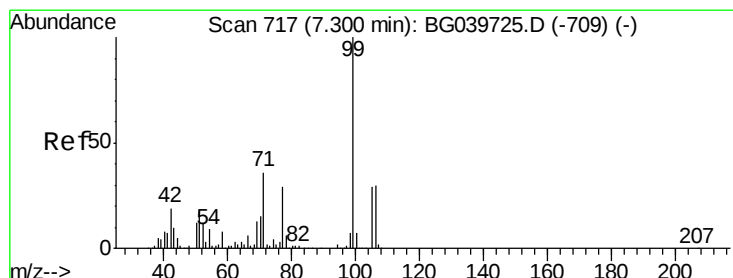
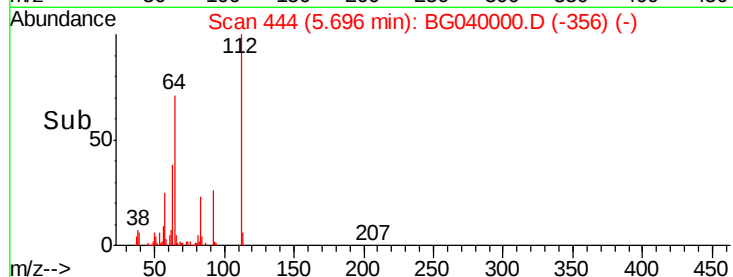
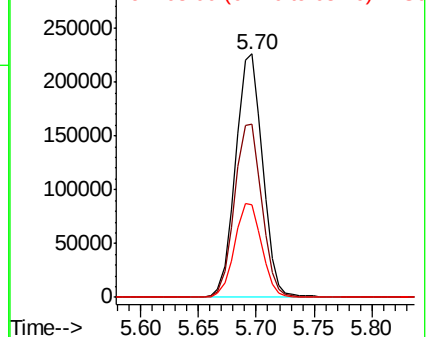
112 100

64 71.0 57.8 86.8

63 37.8 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 106.043 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040000.D

Acq: 19 Mar 2019 11:03

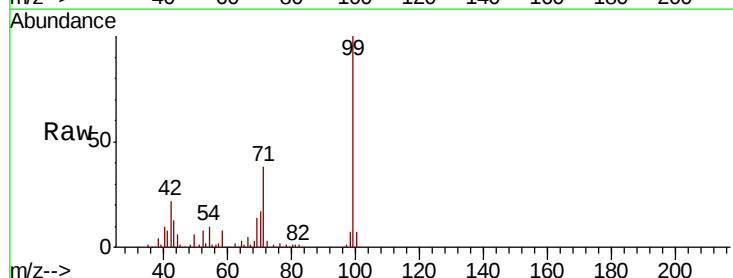
Tgt Ion: 99 Resp: 463587

Ion Ratio Lower Upper

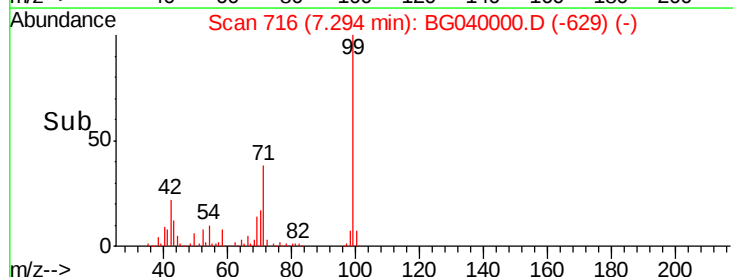
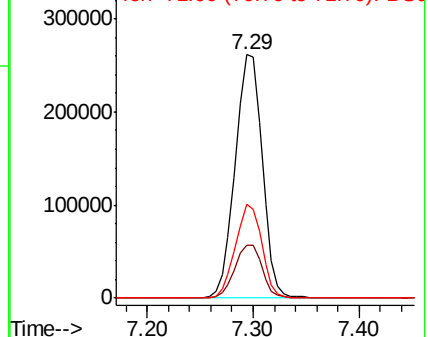
99 100

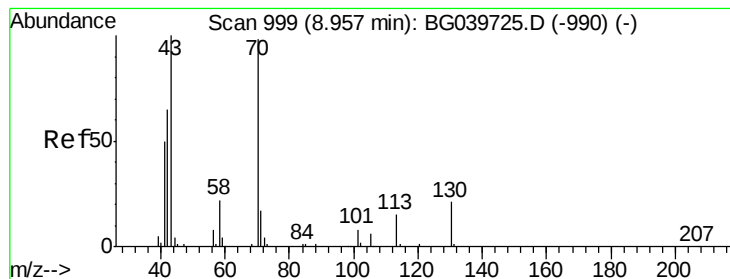
42 21.7 18.2 27.2

71 38.4 28.0 42.0



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: 16.574 ng

RT: 9.33 min Scan# 1062

Delta R.T. 0.36 min

Lab File: BG040000.D

Acq: 19 Mar 2019 11:03

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 52151

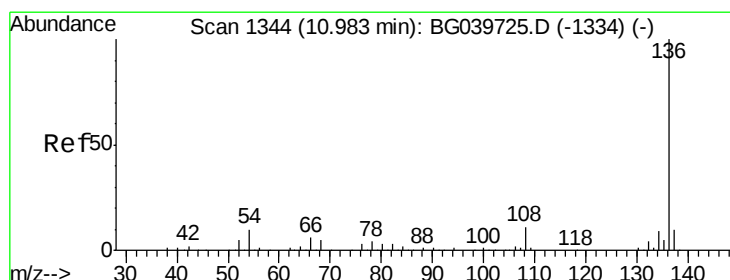
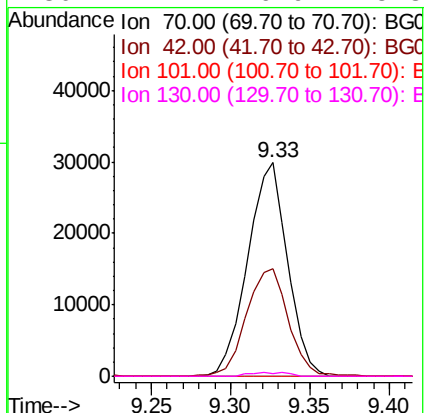
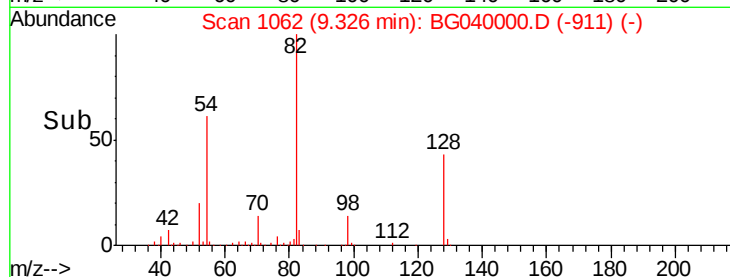
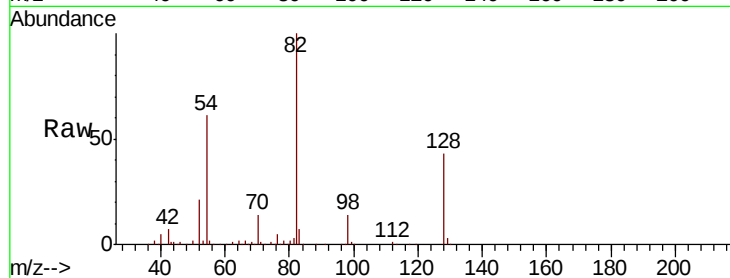
Ion Ratio Lower Upper

70 100

42 50.1 60.4 90.6#

101 0.0 7.5 11.3#

130 1.4 16.9 25.3#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG040000.D

Acq: 19 Mar 2019 11:03

Tgt Ion: 136 Resp: 202380

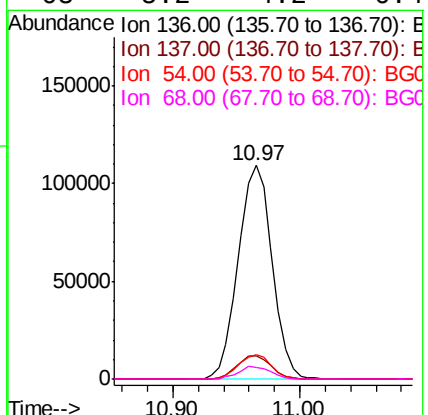
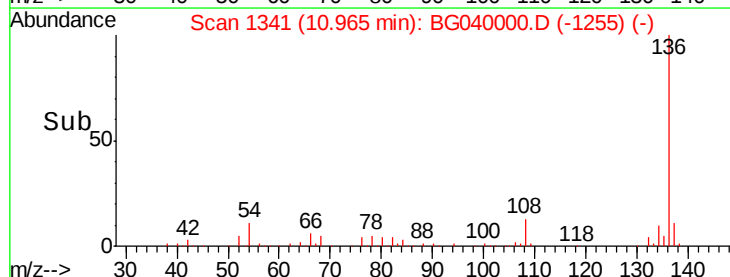
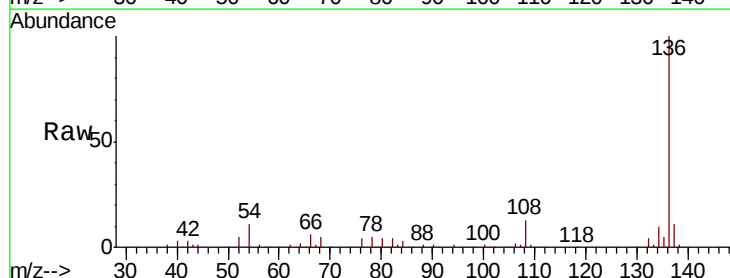
Ion Ratio Lower Upper

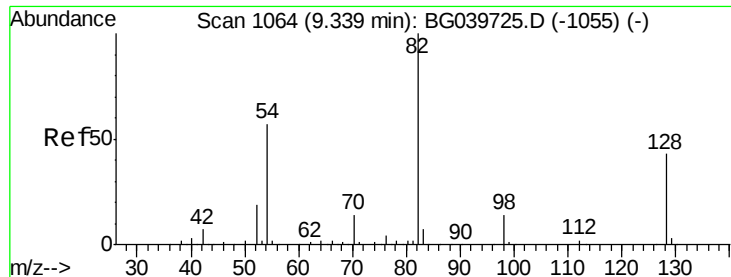
136 100

137 10.8 9.1 13.7

54 11.3 9.4 14.2

68 5.2 4.2 6.4

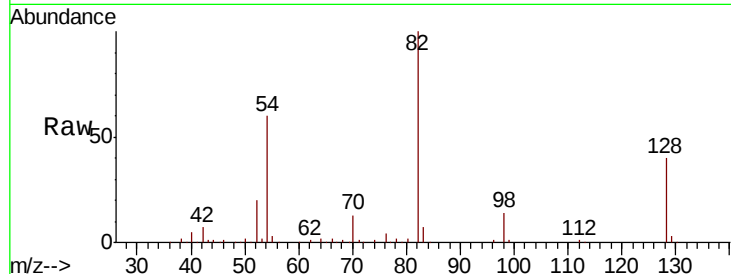




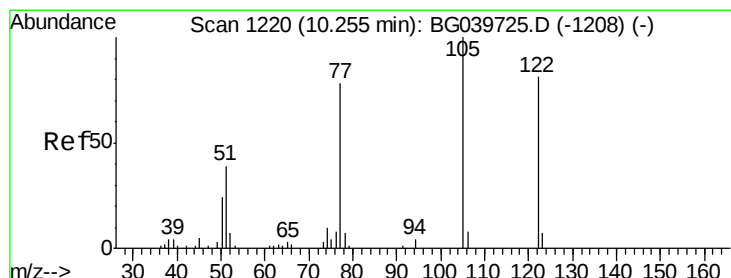
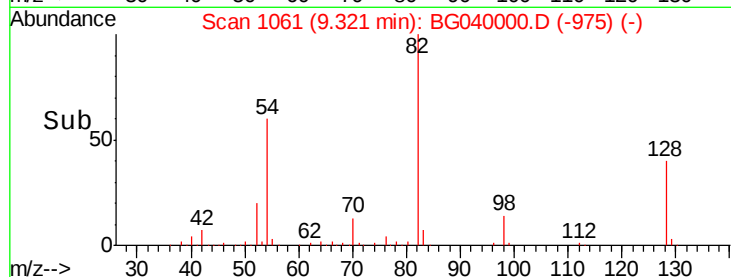
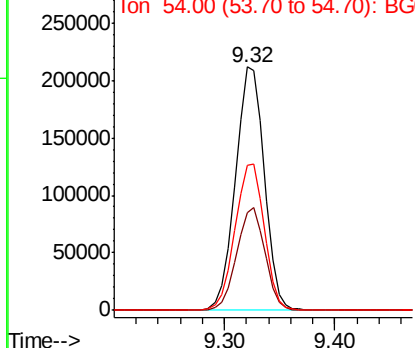
#23
 Nitrobenzene-d5
 Concen: 104.223 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040000.D
 Acq: 19 Mar 2019 11:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.9	31.3	46.9
54	59.7	50.9	76.3

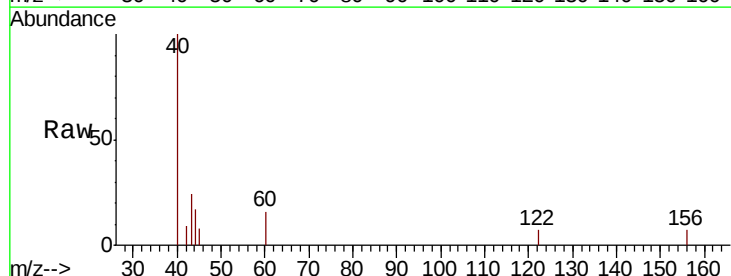


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

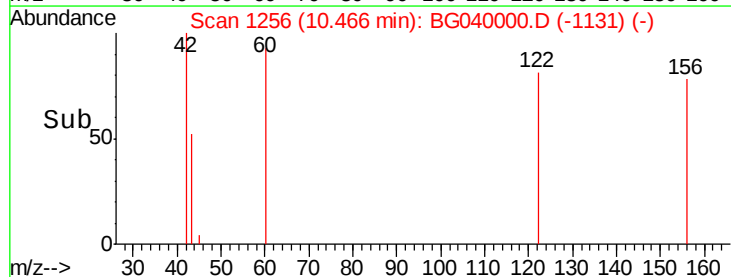
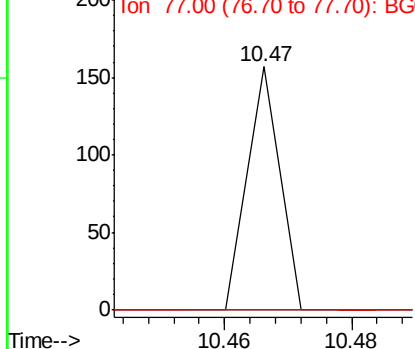


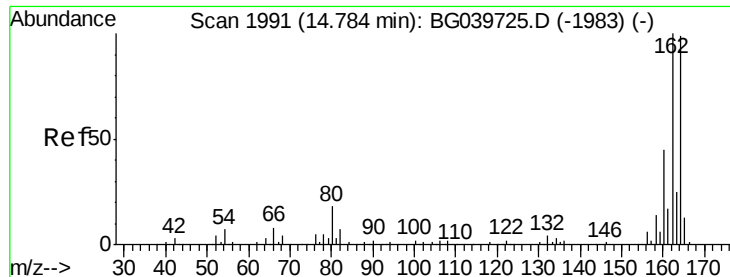
#32
 Benzoic acid
 Concen: 6.622 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. 0.21 min
 Lab File: BG040000.D
 Acq: 19 Mar 2019 11:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.8	141.8#
77	0.0	76.3	116.3#



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040000.D

Acq: 19 Mar 2019 11:03

Instrument :

BNA_G

ClientSampleId :

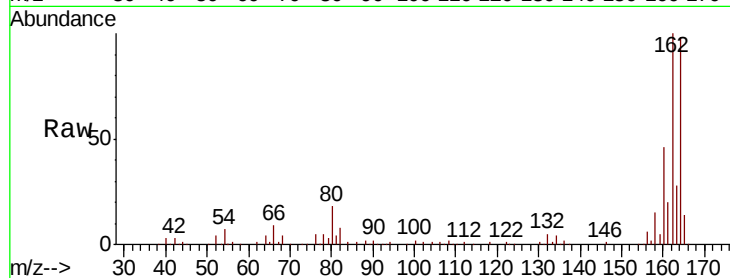
Tot Ion:164 Resp: 126166

Ion Ratio Lower Upper

164 100

162 101.9 81.6 122.4

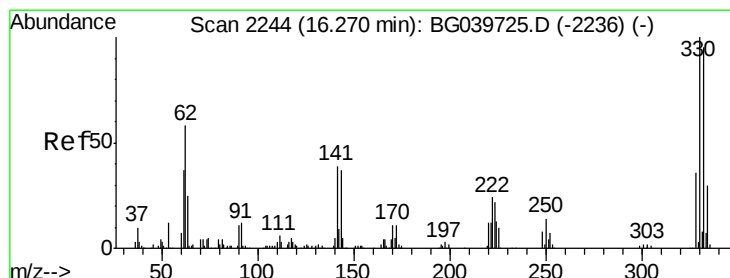
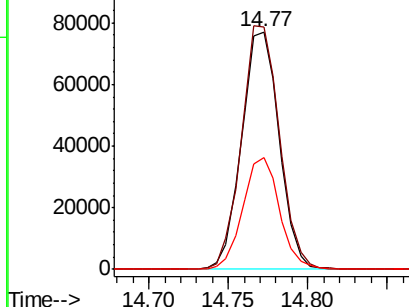
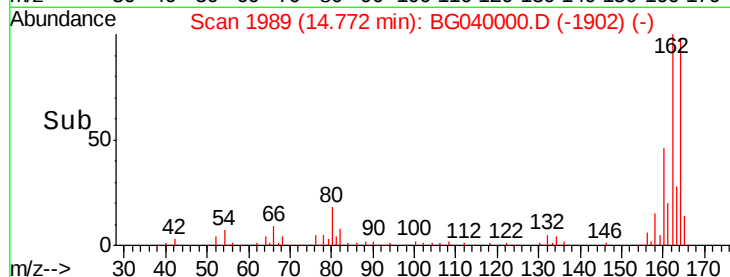
160 46.8 34.2 51.2



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



#42

2,4,6-Tribromophenol

Concen: 125.206 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040000.D

Acq: 19 Mar 2019 11:03

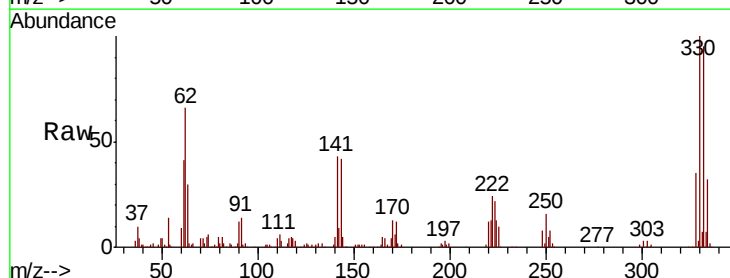
Tgt Ion:330 Resp: 184122

Ion Ratio Lower Upper

330 100

332 95.8 75.7 113.5

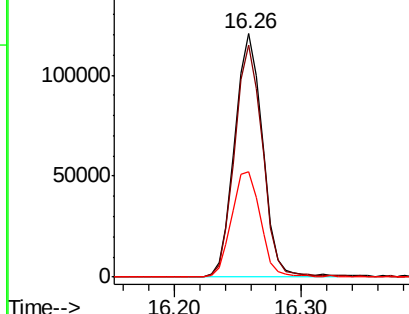
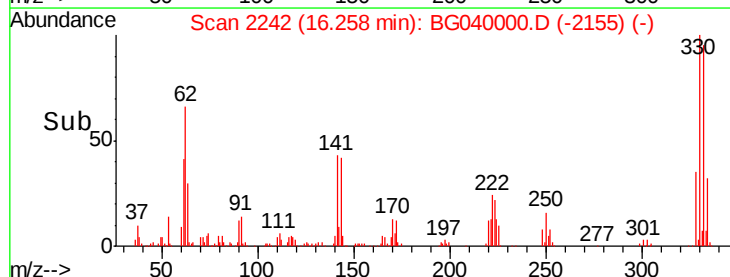
141 44.7 35.6 53.4

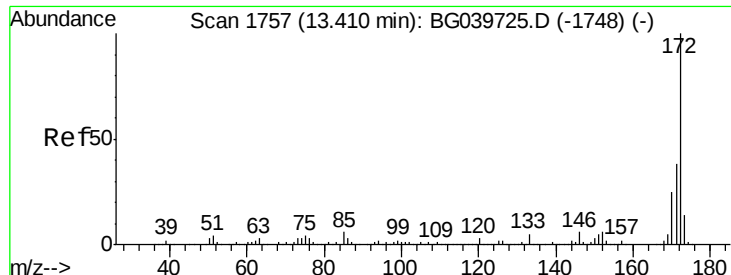


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

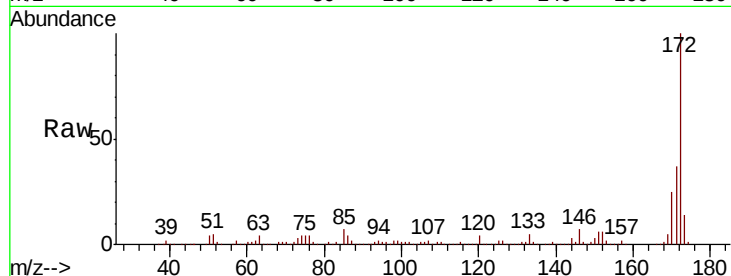




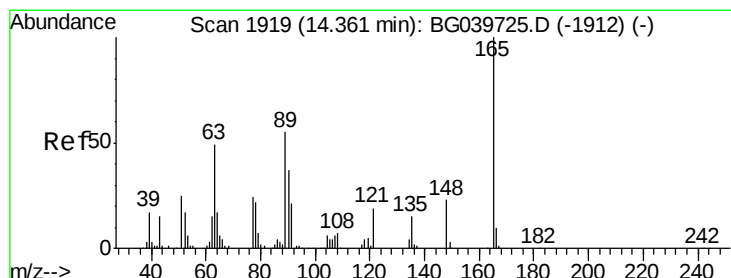
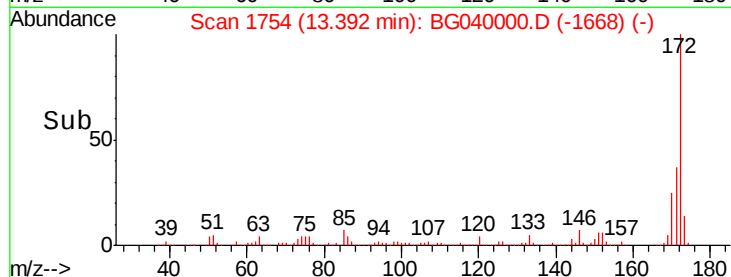
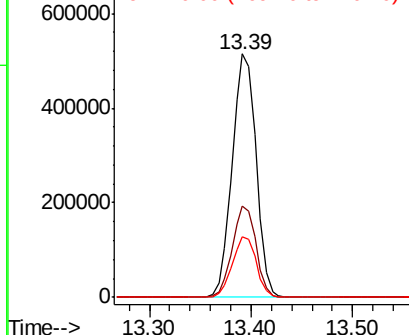
#45
 2-Fluorobiphenyl
 Concen: 94.852 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040000.D
 Acq: 19 Mar 2019 11:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.8	46.2
170	24.9	20.2	30.4

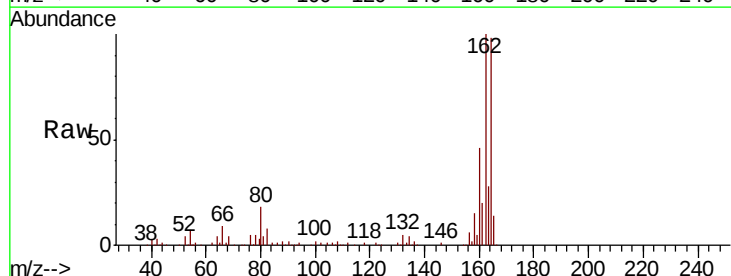


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

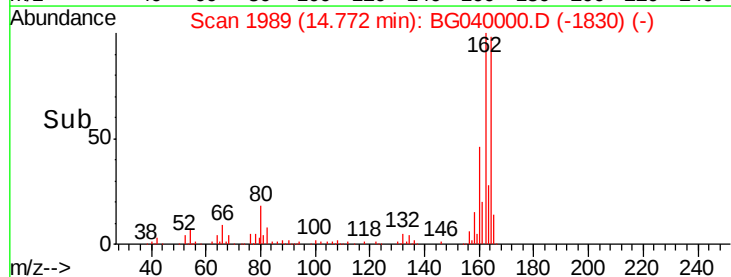
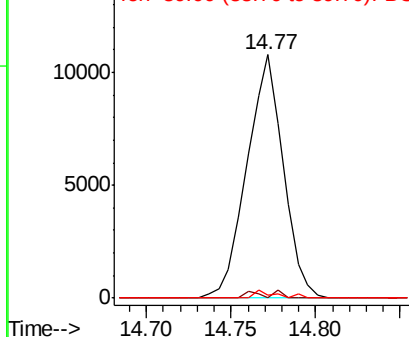


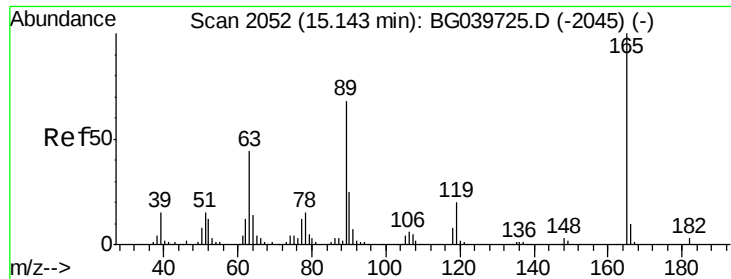
#51
 2,6-Dinitrotoluene
 Concen: 7.200 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. 0.40 min
 Lab File: BG040000.D
 Acq: 19 Mar 2019 11:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.0	70.6#
89	1.5	45.8	68.8#



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

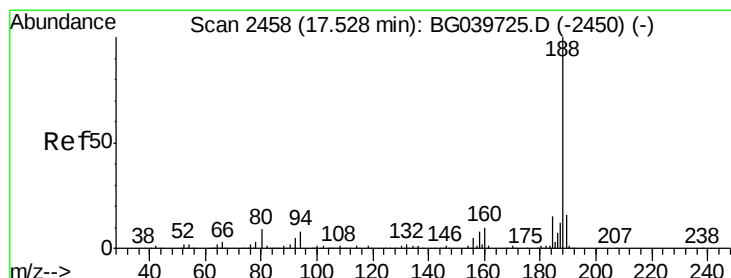
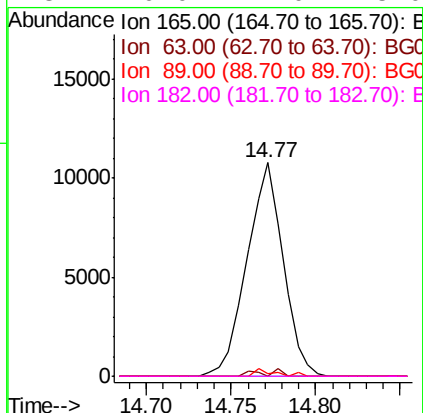
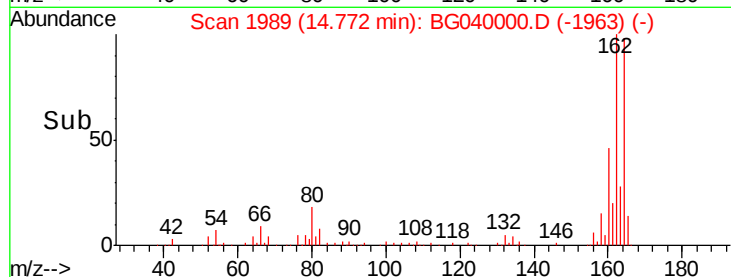
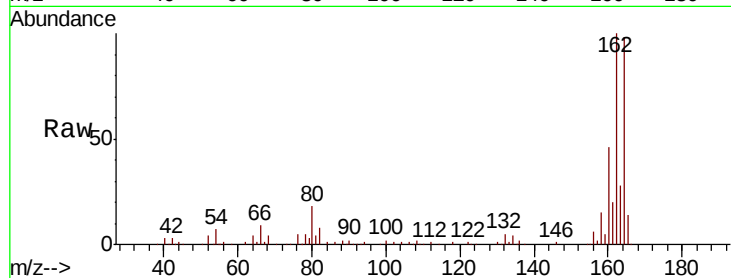




#57
 2,4-Dinitrotoluene
 Concen: 5.124 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.38 min
 Lab File: BG040000.D
 Acq: 19 Mar 2019 11:03

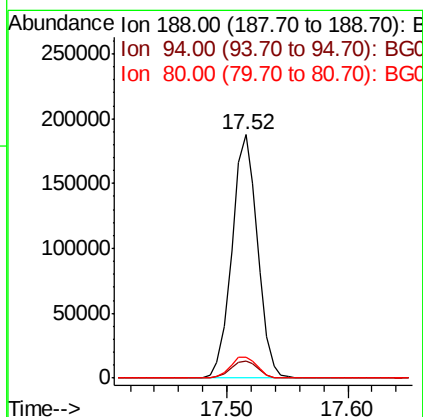
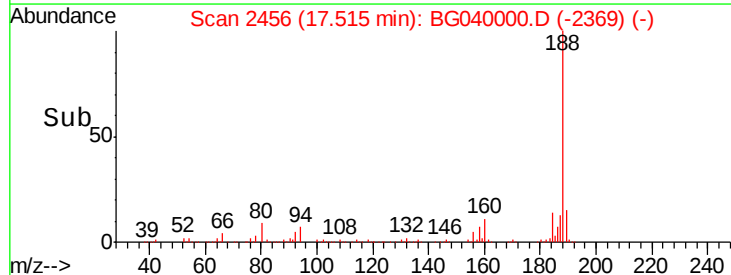
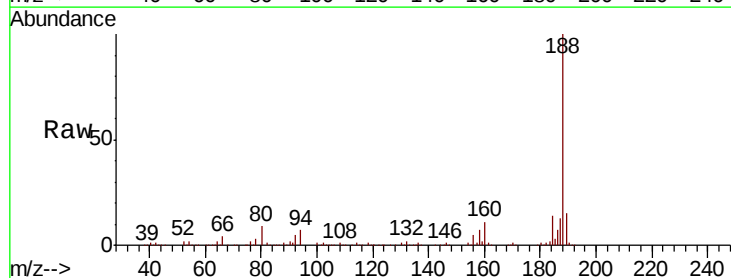
Instrument :
 BNA_G
 ClientSampleId :

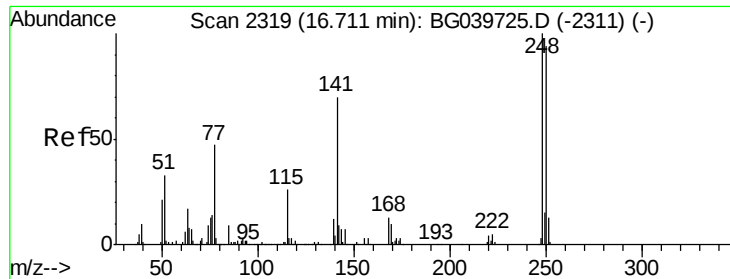
Tot Ion:	165	Resp:	16103
Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	1.5	64.6	96.8#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BG040000.D
 Acq: 19 Mar 2019 11:03

Tgt Ion:	188	Resp:	277093
Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	8.5	8.1	12.1

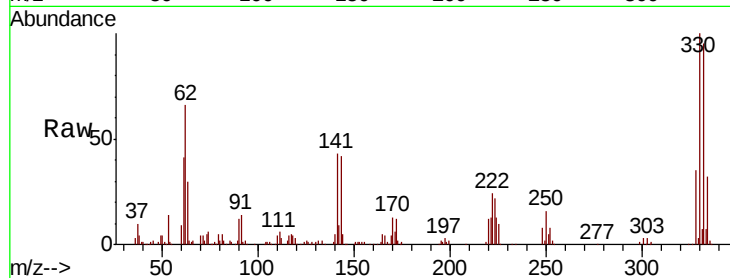




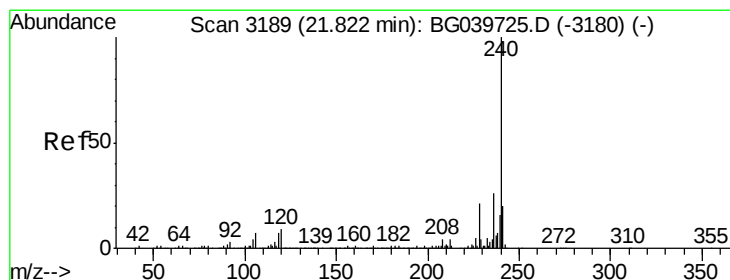
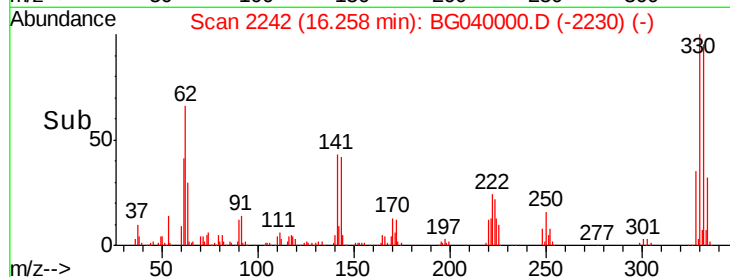
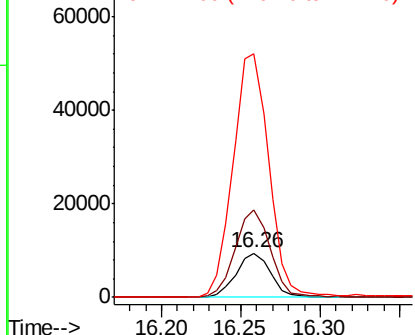
#67
 4-Bromophenyl-phenylether
 Concen: 4.606 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.46 min
 Lab File: BG040000.D
 Acq: 19 Mar 2019 11:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 14285
 Ion Ratio Lower Upper
 248 100
 250 197.5 77.6 116.4#
 141 550.4 63.9 95.9#

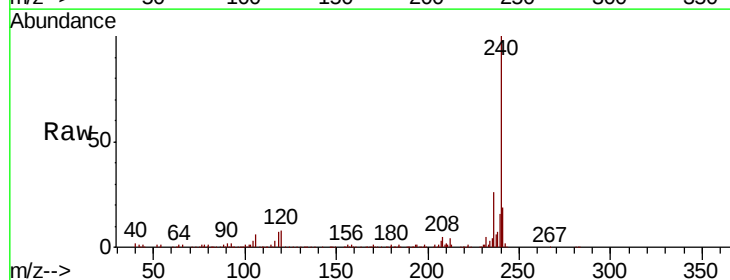


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

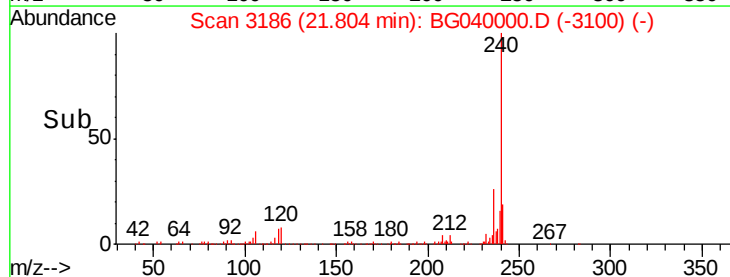
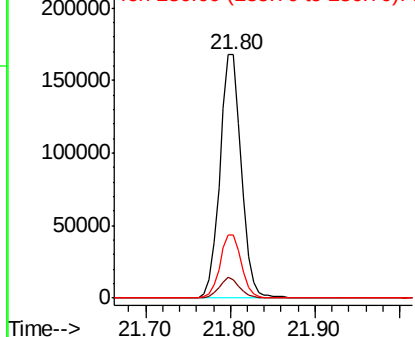


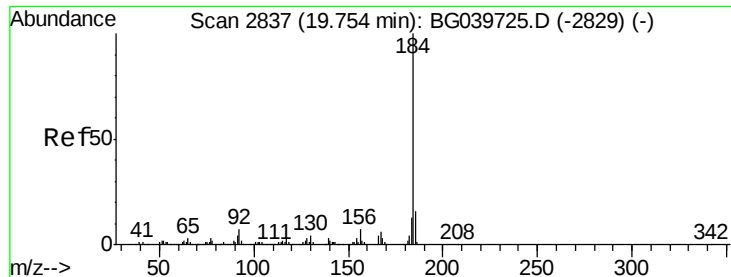
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3186
 Delta R.T. -0.02 min
 Lab File: BG040000.D
 Acq: 19 Mar 2019 11:03

Tgt Ion:240 Resp: 296870
 Ion Ratio Lower Upper
 240 100
 120 7.5 7.0 10.6
 236 25.9 21.0 31.4



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





#77

Benzidine

Concen: 2.491 ng

RT: 20.11 min Scan# 2897

Delta R.T. 0.35 min

Lab File: BG040000.D

Acq: 19 Mar 2019 11:03

Instrument :

BNA_G

ClientSampled :

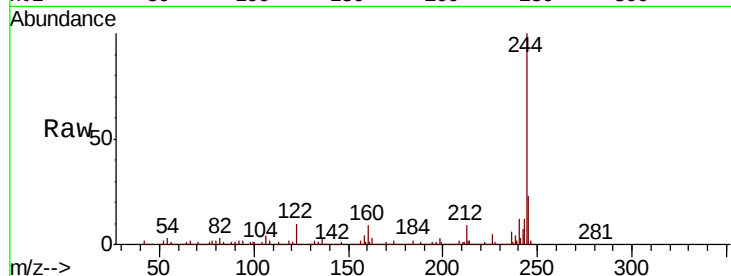
Tot Ion:184 Resp: 23466

Ion Ratio Lower Upper

184 100

185 16.2 12.2 18.2

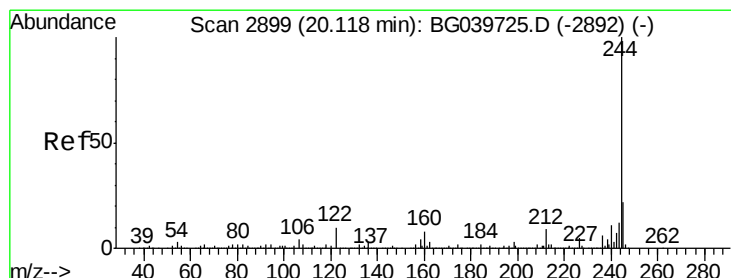
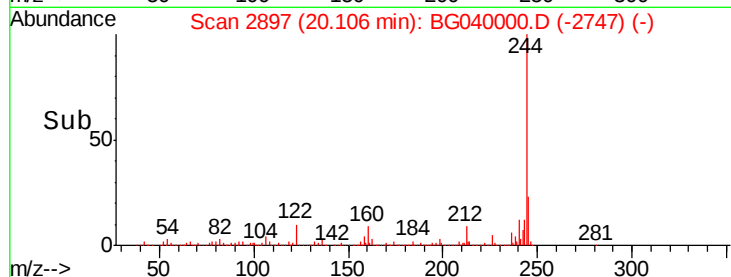
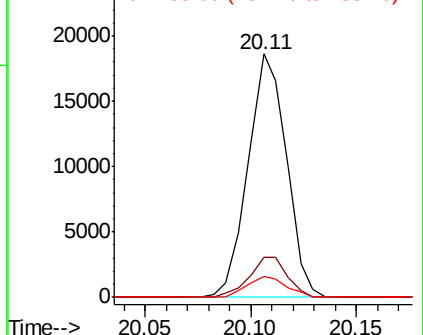
183 8.3 10.6 15.8#



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



#79

Terphenyl-d14

Concen: 93.781 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040000.D

Acq: 19 Mar 2019 11:03

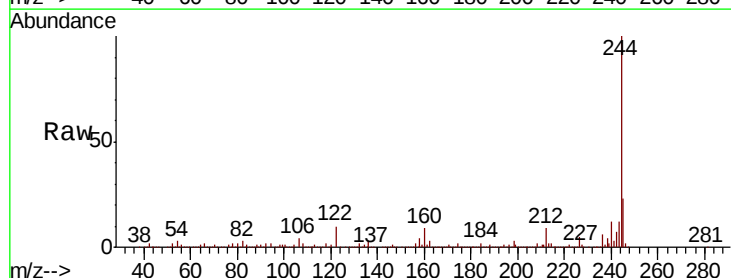
Tgt Ion:244 Resp: 1264455

Ion Ratio Lower Upper

244 100

212 9.3 7.3 10.9

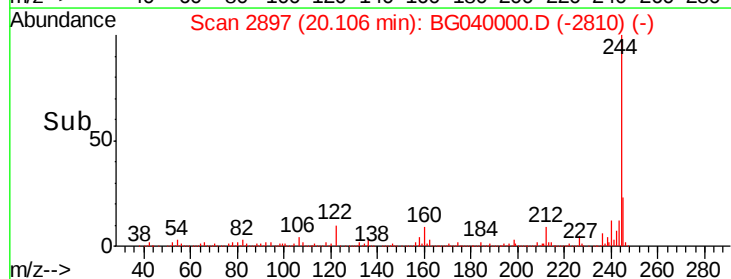
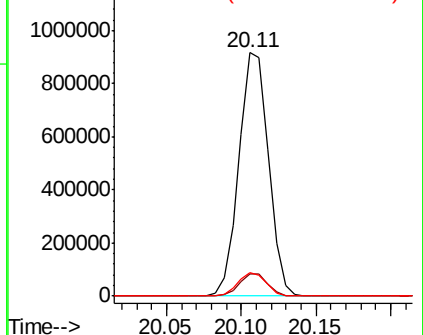
122 9.7 8.4 12.6

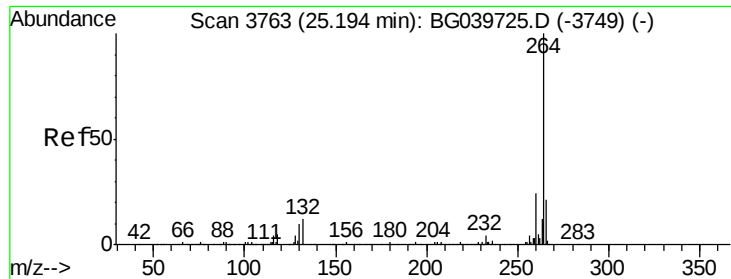


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3758
Delta R.T. -0.04 min
Lab File: BG040000.D
Acq: 19 Mar 2019 11:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	21.8	18.5	27.7

