

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121118\
 Data File : BG038493.D
 Acq On : 12 Dec 2018 7:47
 Operator : JU/SJ
 Sample : J6331-30
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 12 10:17:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

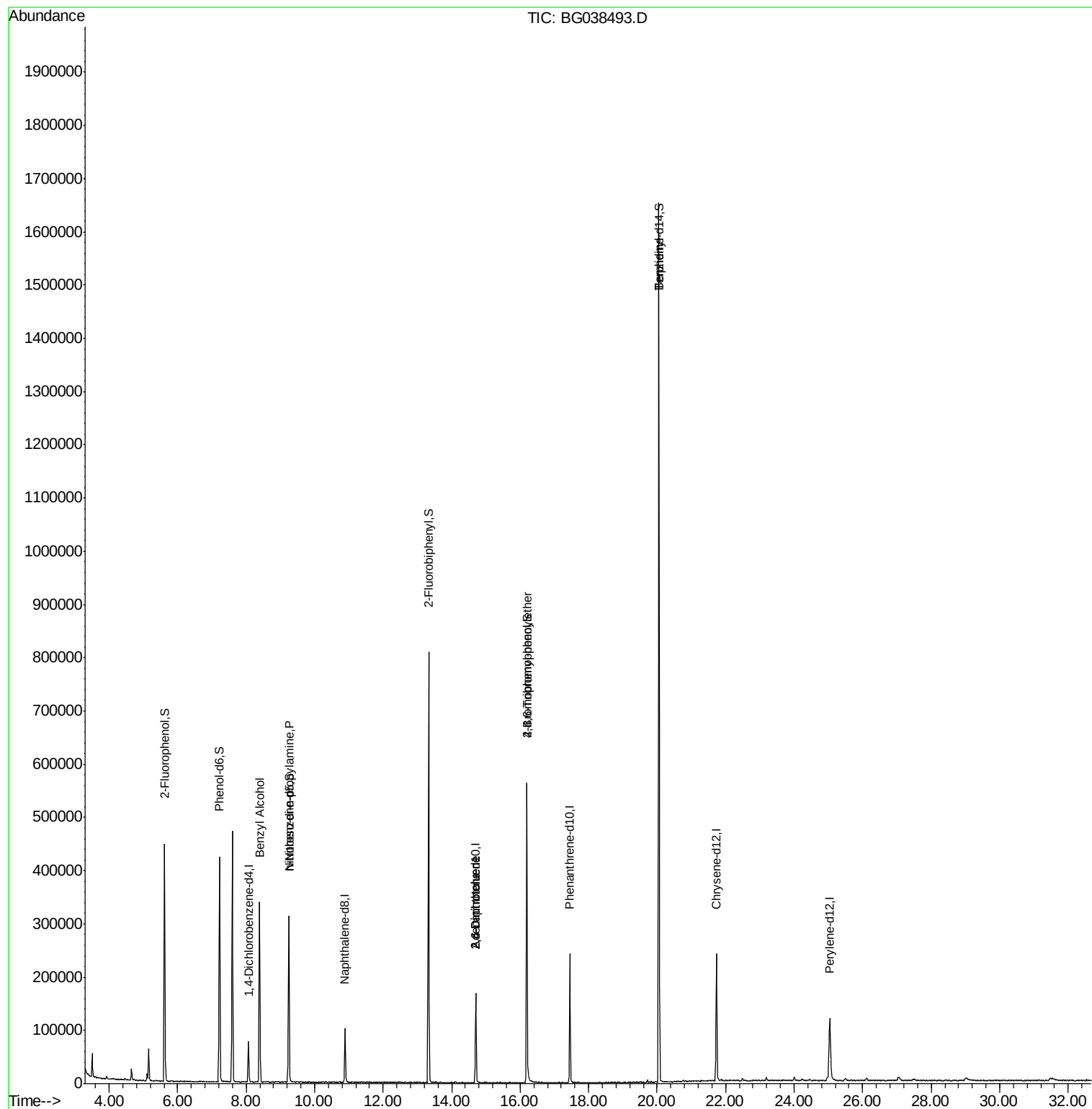
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	21055	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	90314	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	62733	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	160110	20.00	ng	0.00
76) Chrysene-d12	21.73	240	160822	20.00	ng	0.00
87) Perylene-d12	25.04	264	163117	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	186802	157.00	ng	0.00
7) Phenol-d6	7.22	99	239739	139.41	ng	0.00
23) Nitrobenzene-d5	9.25	82	185308	101.87	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	117485	152.55	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	450814	102.40	ng	0.00
79) Terphenyl-d14	20.05	244	853120	113.64	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.39	79	2862	2.024	ng	# 41
19) n-Nitroso-di-n-propylamine	9.25	70	24612	18.448	ng	# 79
22) Acetophenone	8.89	105	57	Below Cal		# 48
51) 2,6-Dinitrotoluene	14.71	165	8133	7.076	ng	# 26
57) 2,4-Dinitrotoluene	14.71	165	8133	5.130	ng	# 25
67) 4-Bromophenyl-phenylether	16.19	248	7440	4.303	ng	# 1
77) Benizidine	20.05	184	14351	2.644	ng	# 93

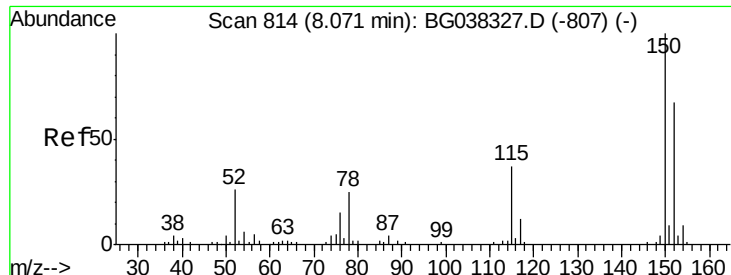
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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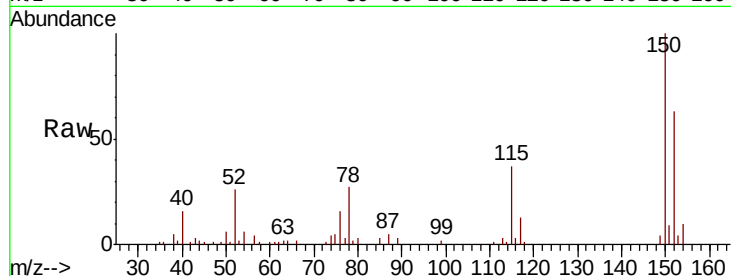


#1

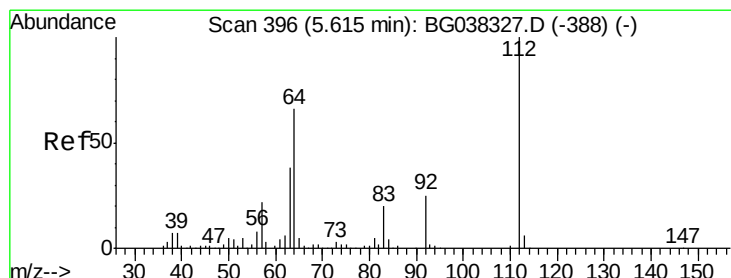
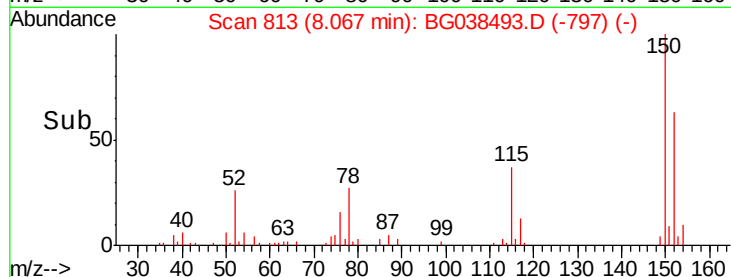
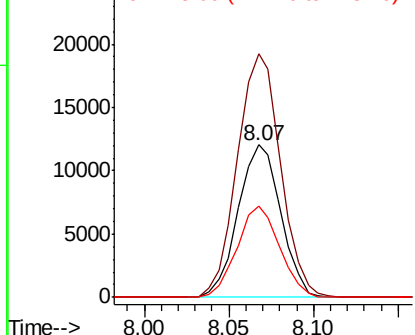
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG038493.D
Acq: 12 Dec 2018 7:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 21055
Ion Ratio Lower Upper
152 100
150 159.5 126.0 189.0
115 59.7 45.5 68.3



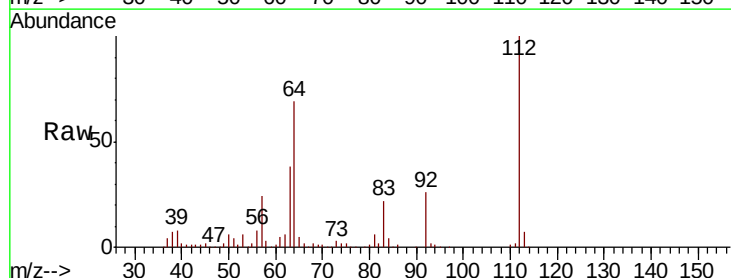
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



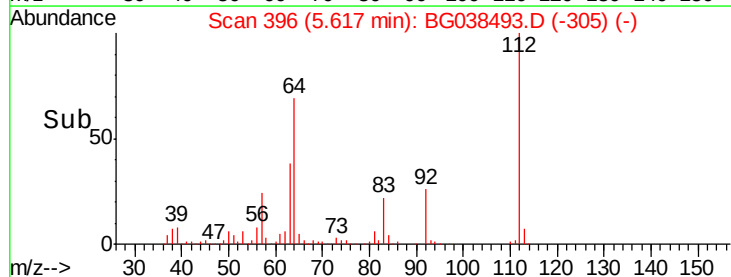
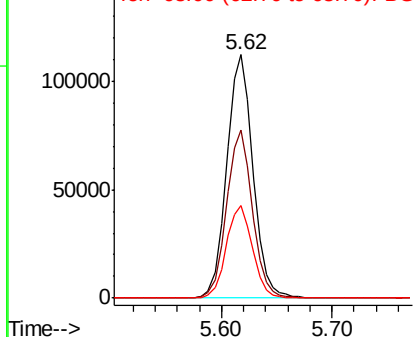
#5

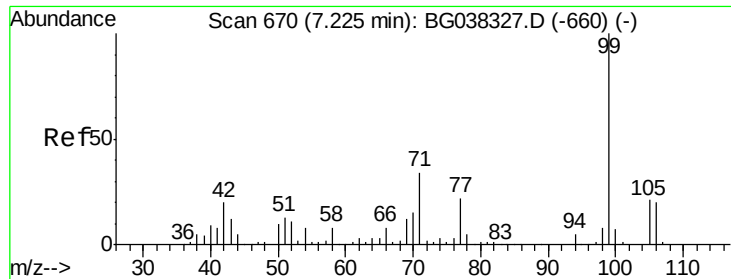
2-Fluorophenol
Concen: 157.004 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038493.D
Acq: 12 Dec 2018 7:47

Tgt Ion:112 Resp: 186802
Ion Ratio Lower Upper
112 100
64 68.9 53.1 79.7
63 38.1 27.3 40.9



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: 139.412 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038493.D

Acq: 12 Dec 2018 7:47

Instrument :

BNA_G

ClientSampleId :

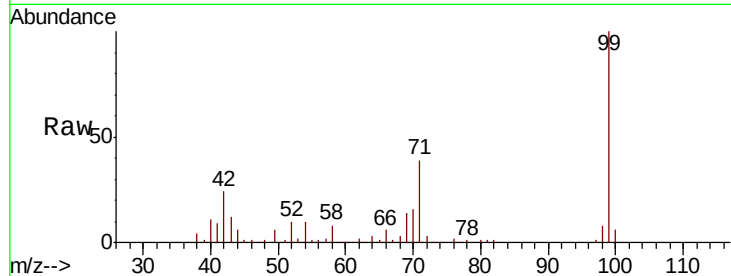
Tot Ion: 99 Resp: 239739

Ion Ratio Lower Upper

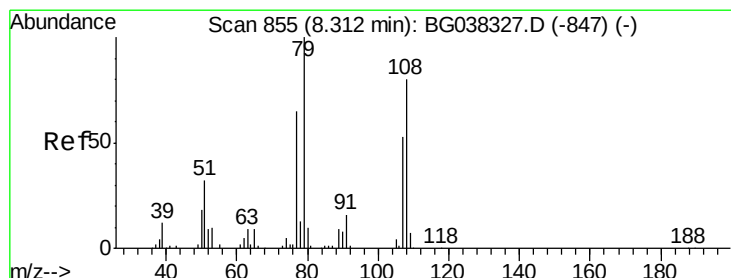
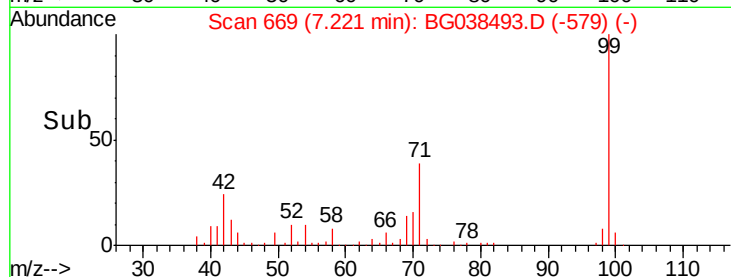
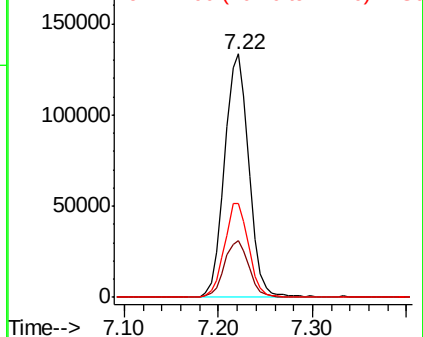
99 100

42 23.6 15.0 22.4#

71 38.8 25.5 38.3#



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: 2.024 ng

RT: 8.39 min Scan# 868

Delta R.T. 0.08 min

Lab File: BG038493.D

Acq: 12 Dec 2018 7:47

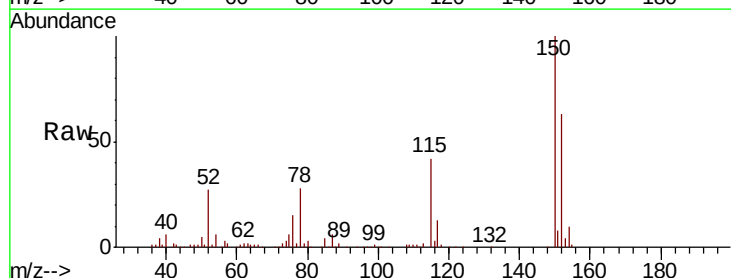
Tgt Ion: 79 Resp: 2862

Ion Ratio Lower Upper

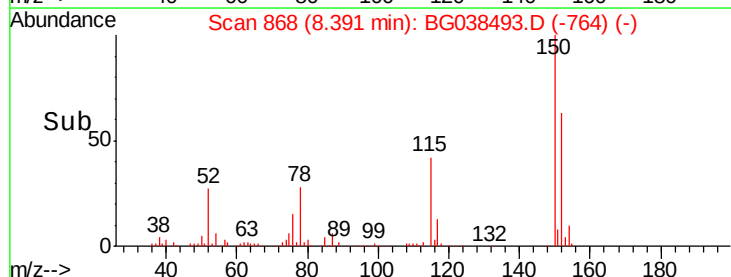
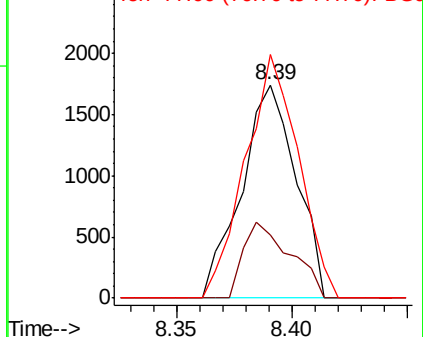
79 100

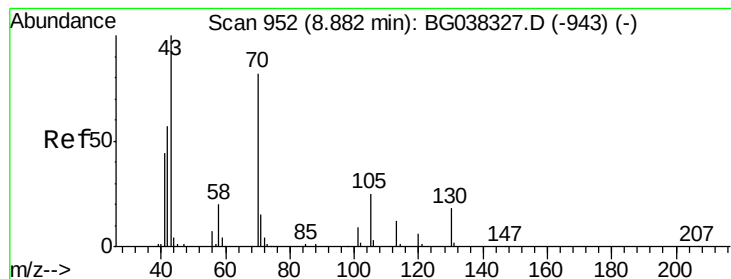
108 29.6 65.8 98.8#

77 114.1 52.9 79.3#



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: 18.448 ng

RT: 9.25 min Scan# 1014

Delta R.T. 0.37 min

Lab File: BG038493.D

Acq: 12 Dec 2018 7:47

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 24612

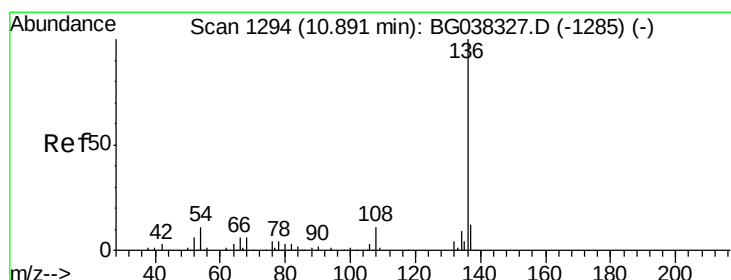
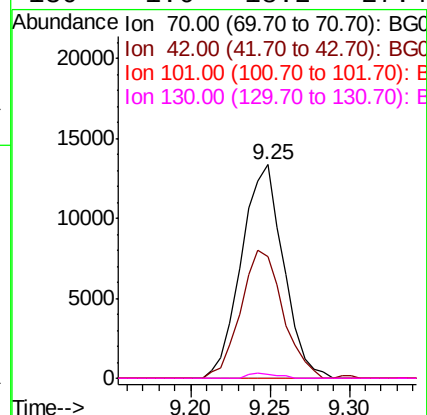
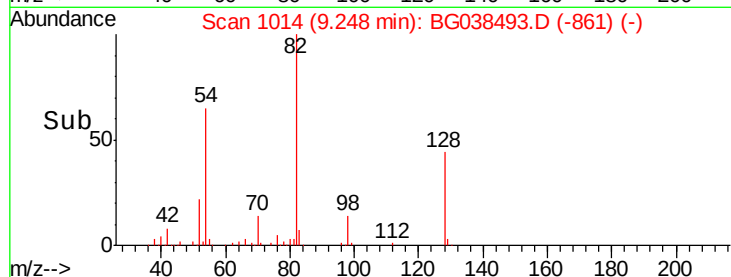
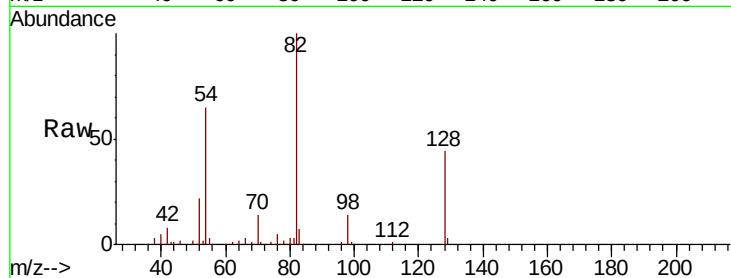
Ion Ratio Lower Upper

70 100

42 57.2 53.9 80.9

101 0.0 8.2 12.2#

130 1.6 18.2 27.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BG038493.D

Acq: 12 Dec 2018 7:47

Tgt Ion: 136 Resp: 90314

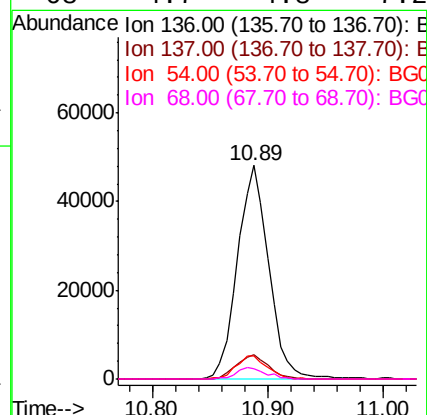
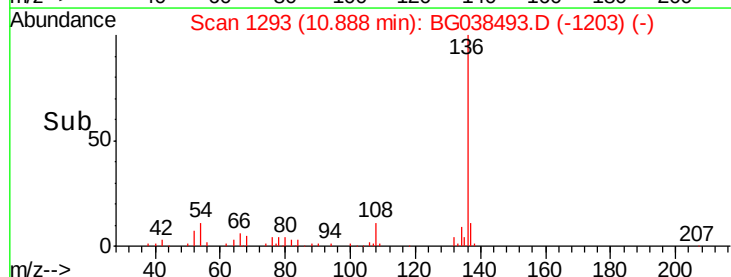
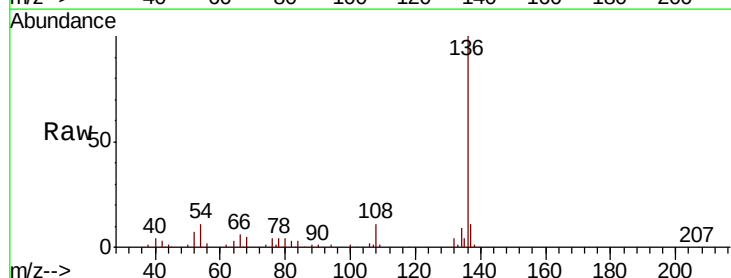
Ion Ratio Lower Upper

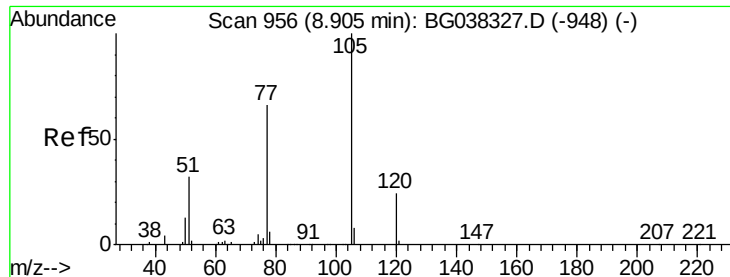
136 100

137 11.3 9.6 14.4

54 10.8 7.9 11.9

68 4.7 4.8 7.2#

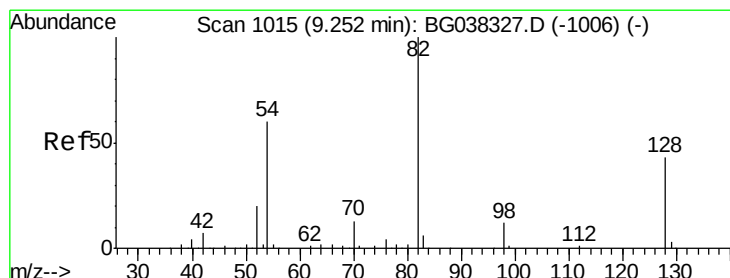
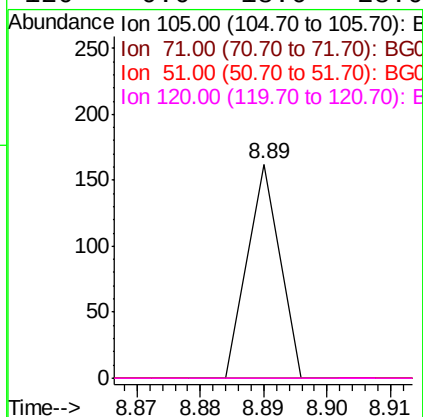
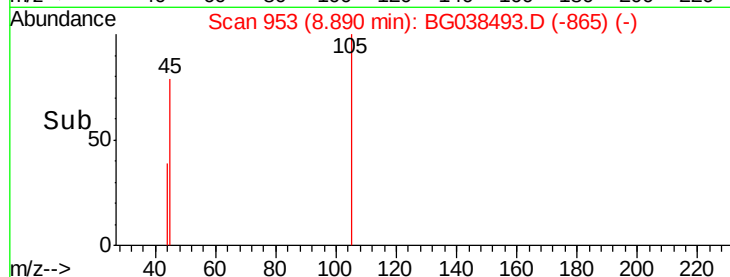
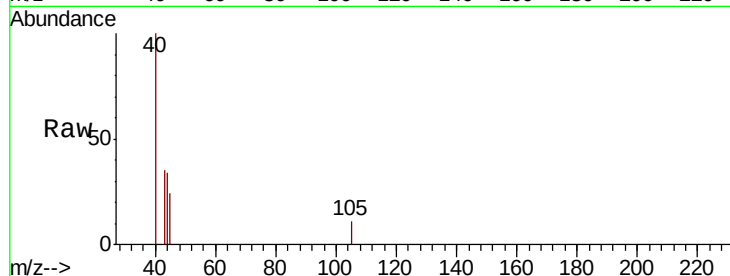




#22
Acetophenone
Concen: Below Cal
RT: 8.89 min Scan# 953
Delta R.T. -0.02 min
Lab File: BG038493.D
Acq: 12 Dec 2018 7:47

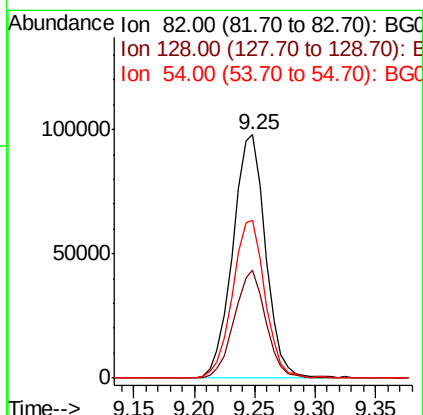
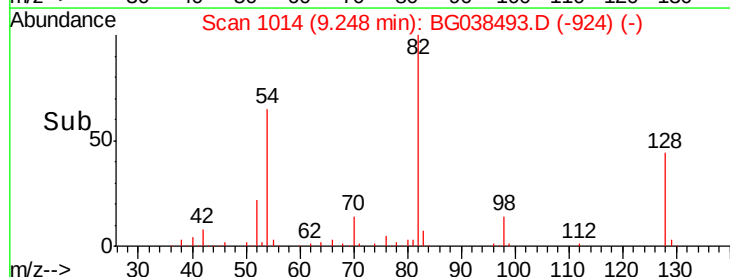
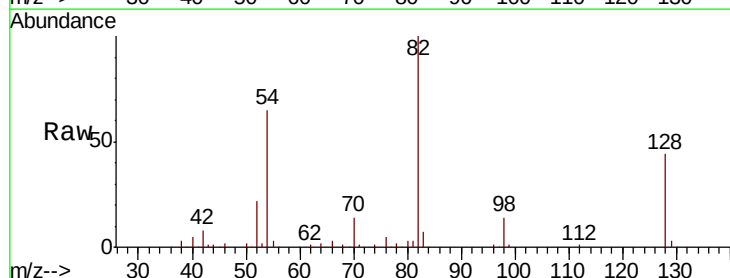
Instrument :
BNA_G
ClientSampleId :

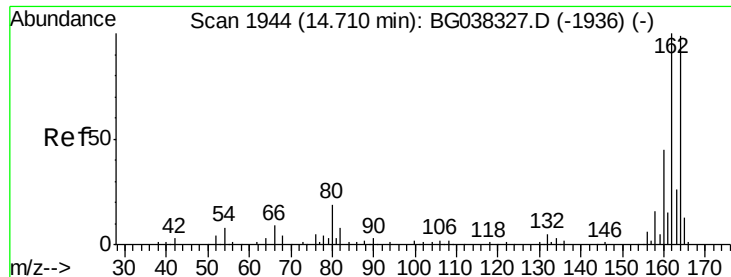
Tot Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.2	1.8#
51	0.0	25.0	37.6#
120	0.0	18.6	28.0#



#23
Nitrobenzene-d5
Concen: 101.868 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG038493.D
Acq: 12 Dec 2018 7:47

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	51.8
54	64.7	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG038493.D

Acq: 12 Dec 2018 7:47

Instrument :

BNA_G

ClientSampleId :

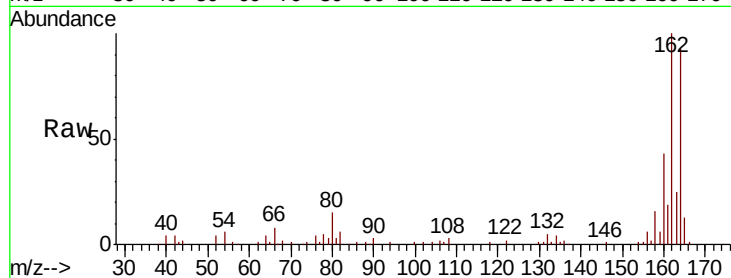
Tot Ion:164 Resp: 62733

Ion Ratio Lower Upper

164 100

162 107.3 81.3 121.9

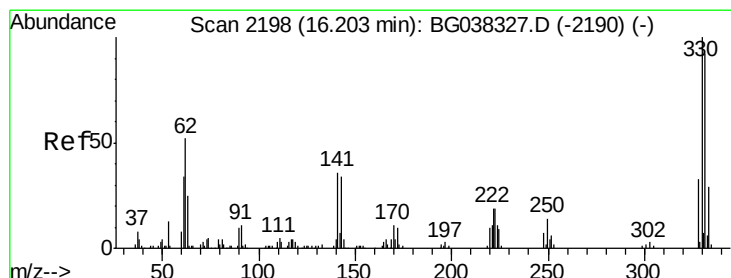
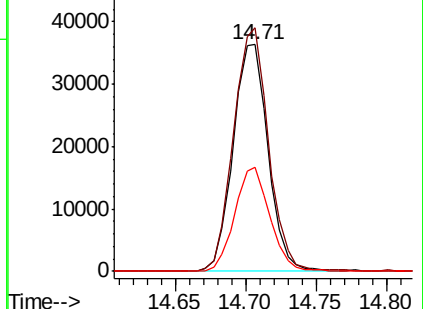
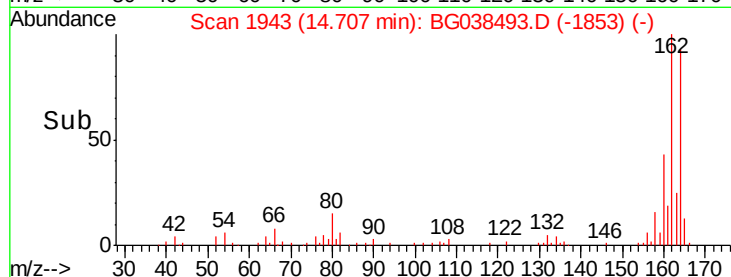
160 45.9 36.3 54.5



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: 152.553 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG038493.D

Acq: 12 Dec 2018 7:47

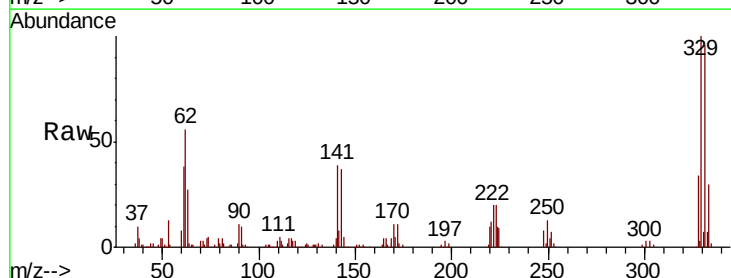
Tgt Ion:330 Resp: 117485

Ion Ratio Lower Upper

330 100

332 96.9 78.4 117.6

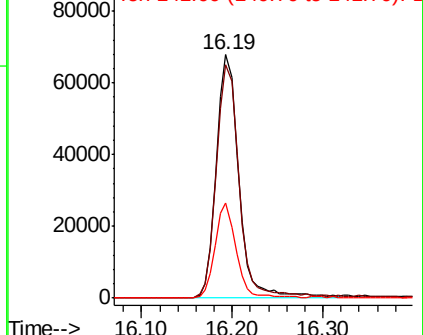
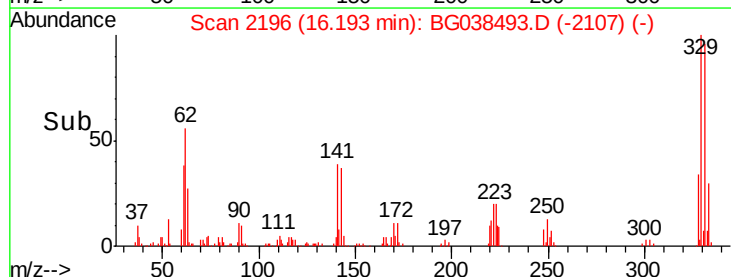
141 36.6 32.2 48.2

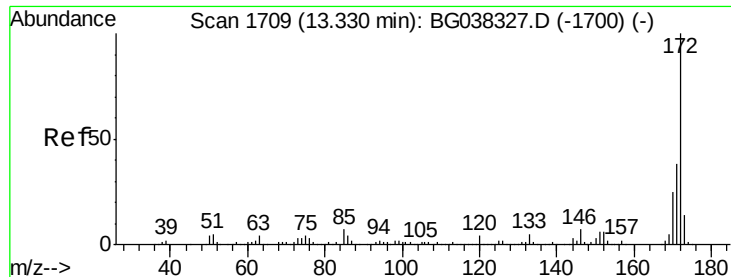


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

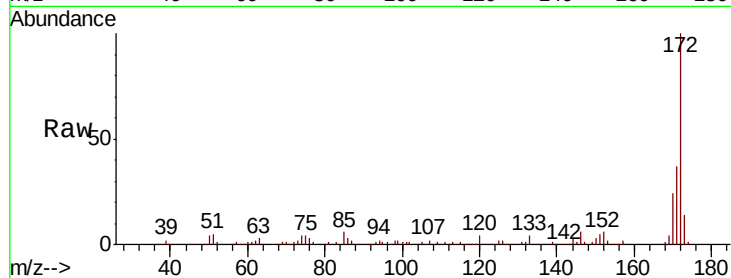




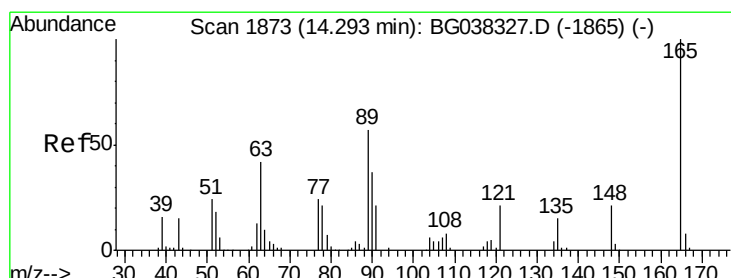
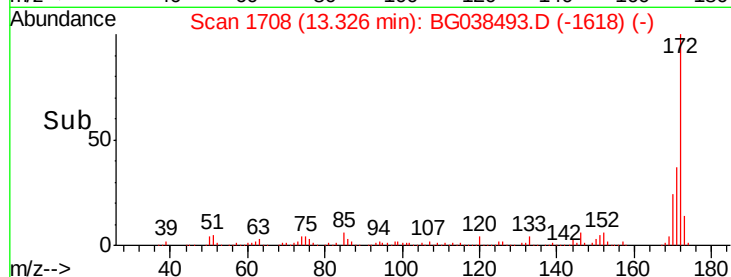
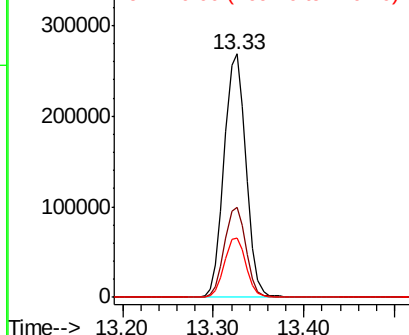
#45
2-Fluorobiphenyl
Concen: 102.398 ng
RT: 13.33 min Scan# 1708
Delta R.T. -0.00 min
Lab File: BG038493.D
Acq: 12 Dec 2018 7:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 450814
Ion Ratio Lower Upper
172 100
171 37.2 31.0 46.4
170 24.3 20.2 30.2

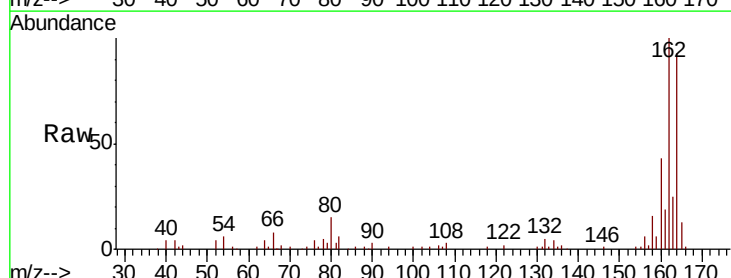


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

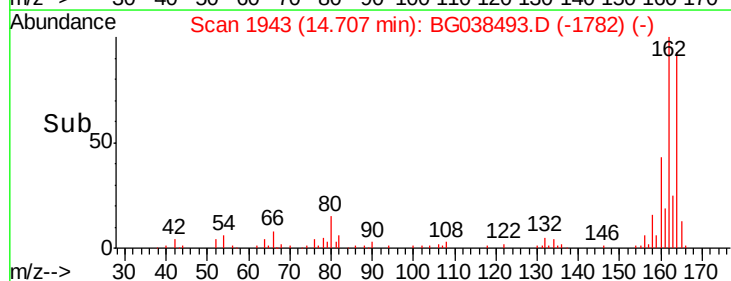
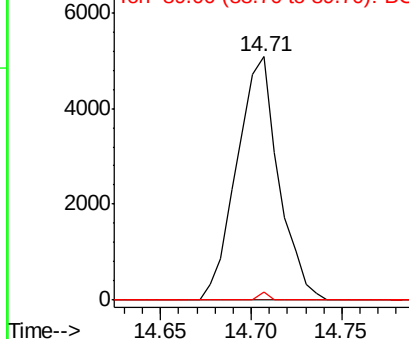


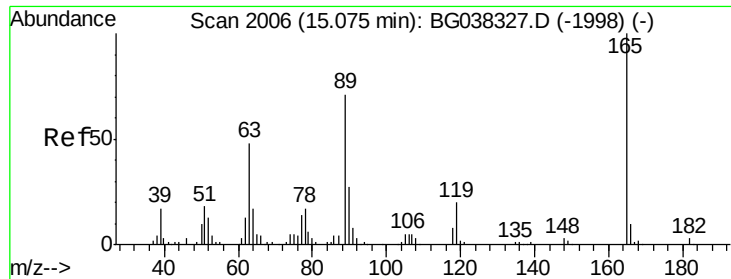
#51
2,6-Dinitrotoluene
Concen: 7.076 ng
RT: 14.71 min Scan# 1943
Delta R.T. 0.41 min
Lab File: BG038493.D
Acq: 12 Dec 2018 7:47

Tgt Ion:165 Resp: 8133
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.2#
89 3.1 45.8 68.6#



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

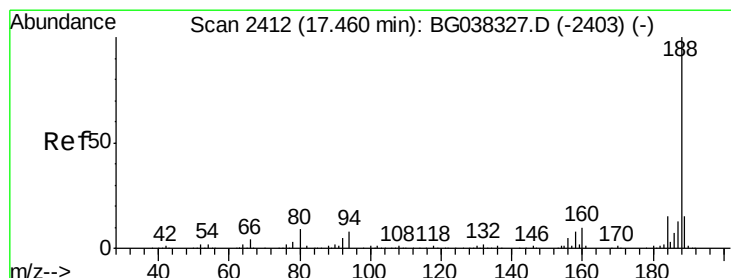
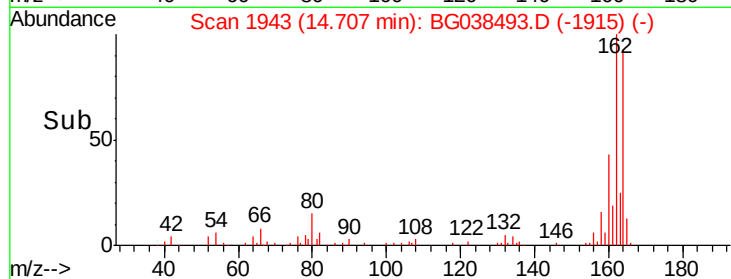
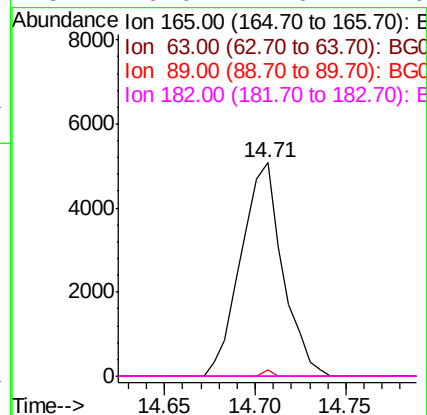
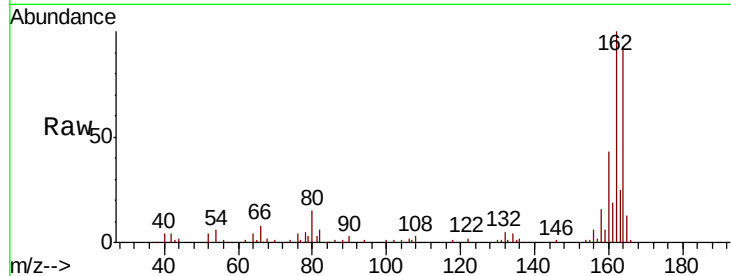




#57
 2,4-Dinitrotoluene
 Concen: 5.130 ng
 RT: 14.71 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038493.D
 Acq: 12 Dec 2018 7:47

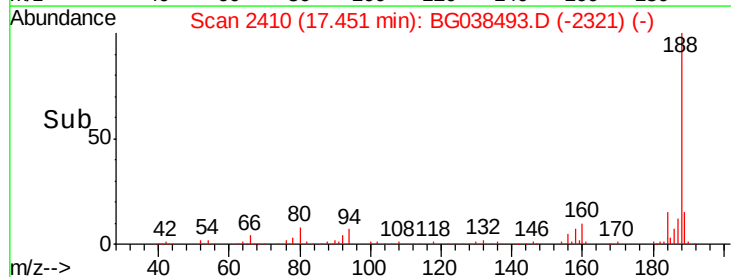
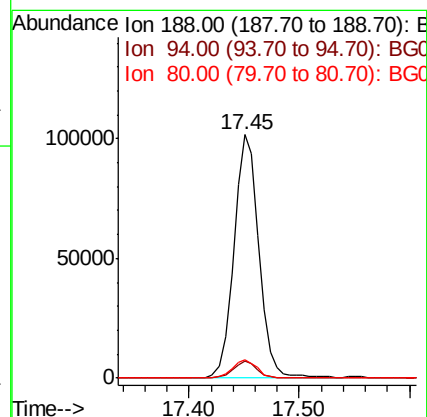
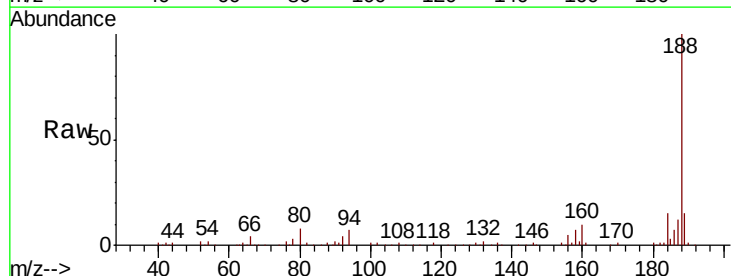
Instrument :
 BNA_G
 ClientSampleId :

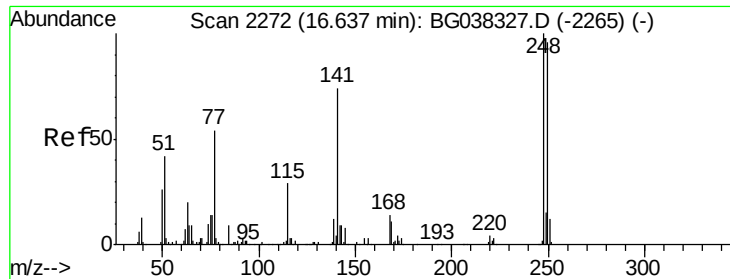
Tot Ion:165	Resp: 8133
Ion Ratio	Lower Upper
165 100	
63 0.0	33.4 50.0#
89 3.1	57.2 85.8#
182 0.0	2.6 4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BG038493.D
 Acq: 12 Dec 2018 7:47

Tgt	Ion:188	Resp:	160110
Ion	Ratio	Lower	Upper
188	100		
94	6.8	7.2	10.8#
80	7.6	7.7	11.5#

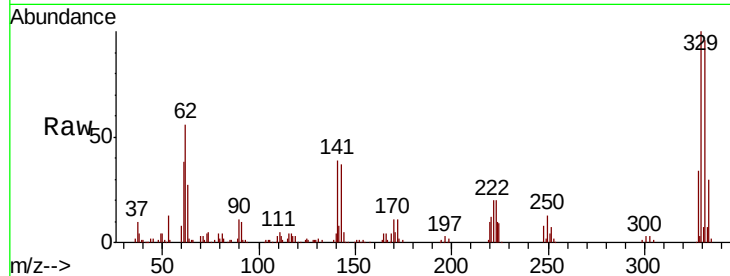




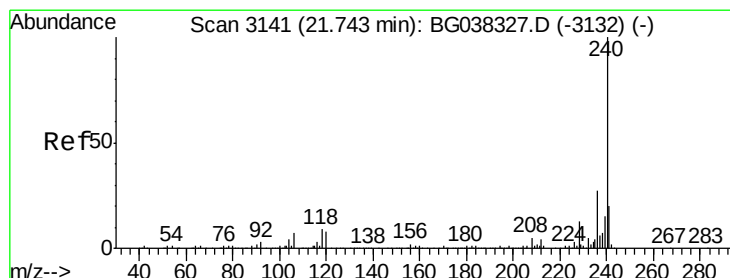
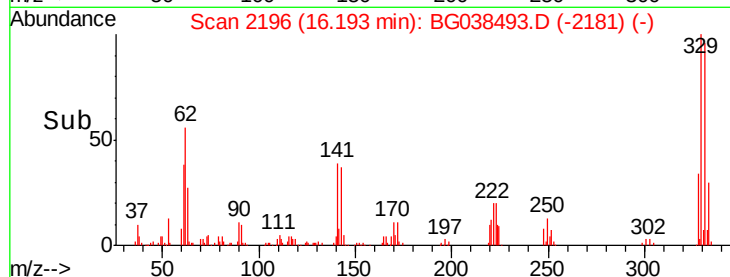
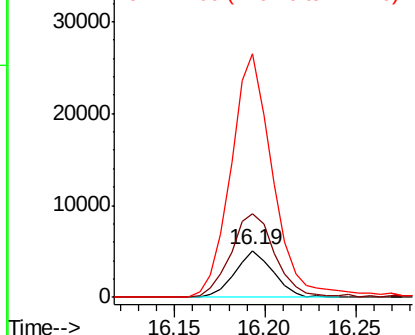
#67
4-Bromophenyl-phenylether
Concen: 4.303 ng
RT: 16.19 min Scan# 2196
Delta R.T. -0.44 min
Lab File: BG038493.D
Acq: 12 Dec 2018 7:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 7440
Ion Ratio Lower Upper
248 100
250 182.4 77.0 115.6#
141 399.3 55.5 83.3#

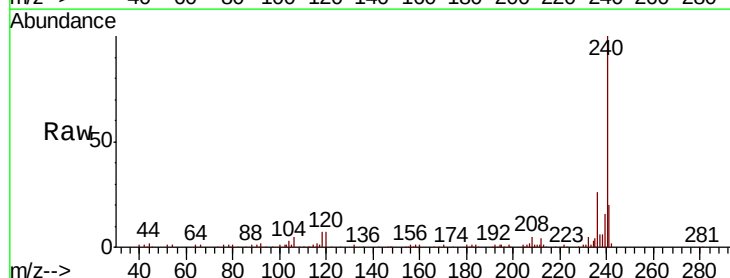


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

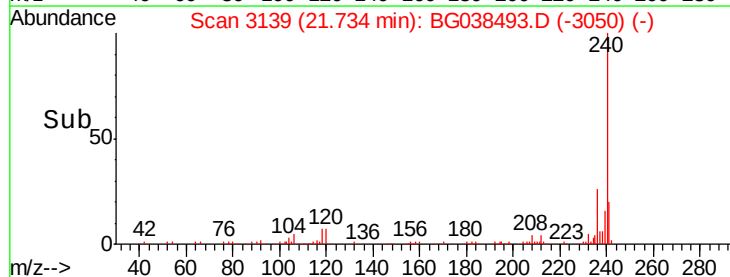
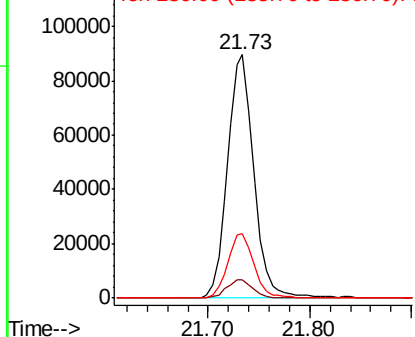


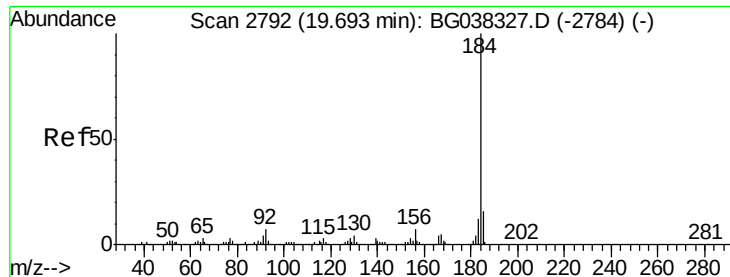
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038493.D
Acq: 12 Dec 2018 7:47

Tgt Ion:240 Resp: 160822
Ion Ratio Lower Upper
240 100
120 7.4 8.1 12.1#
236 26.2 21.4 32.0



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: 2.644 ng

RT: 20.05 min Scan# 2853

Delta R.T. 0.36 min

Lab File: BG038493.D

Acq: 12 Dec 2018 7:47

Instrument :

BNA_G

ClientSampleId :

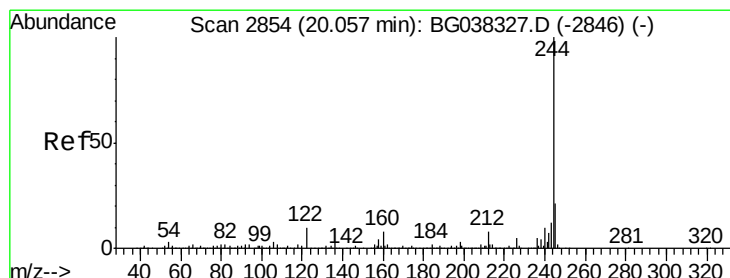
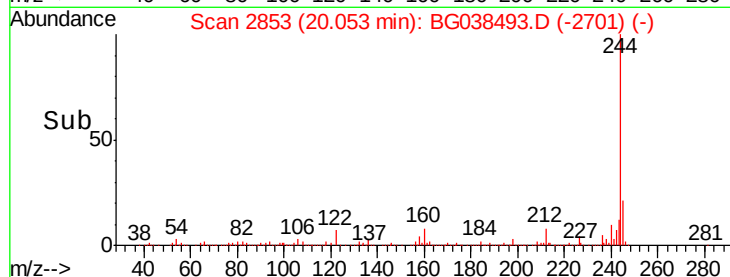
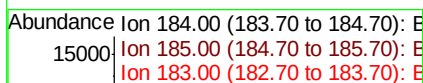
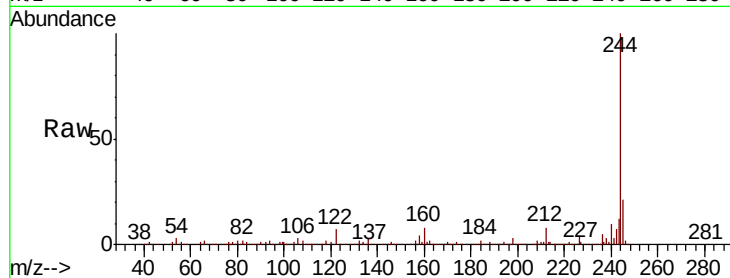
Tot Ion:184 Resp: 14351

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

183 7.2 10.2 15.2#



#79

Terphenyl-d14

Concen: 113.641 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038493.D

Acq: 12 Dec 2018 7:47

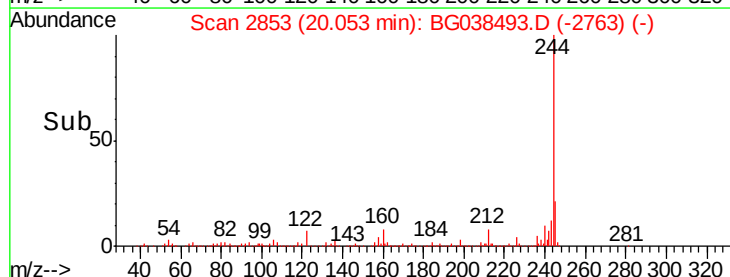
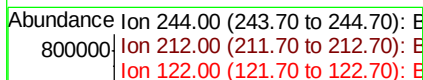
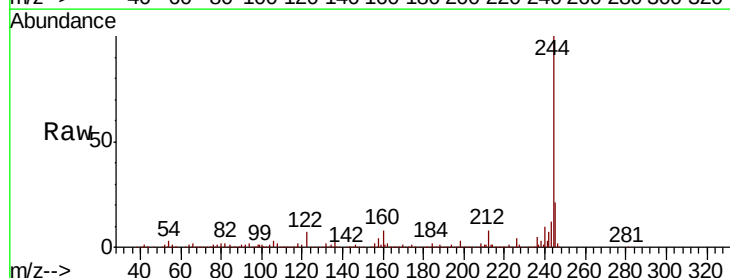
Tgt Ion:244 Resp: 853120

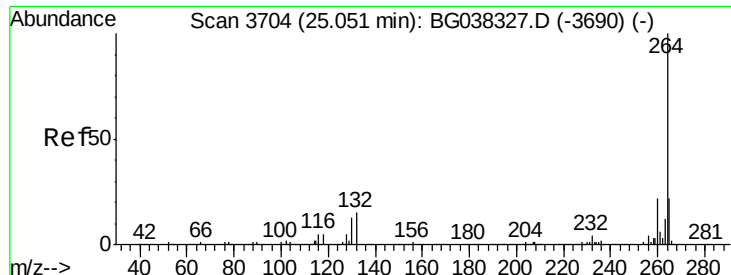
Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 7.4 9.0 13.4#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.04 min Scan# 3702
 Delta R.T. -0.01 min
 Lab File: BG038493.D
 Acq: 12 Dec 2018 7:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.2	18.2	27.4
265	20.7	17.9	26.9

