

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042793.D
 Acq On : 12 Sep 2019 22:08
 Operator : HP/JU
 Sample : K4852-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 13 06:40:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

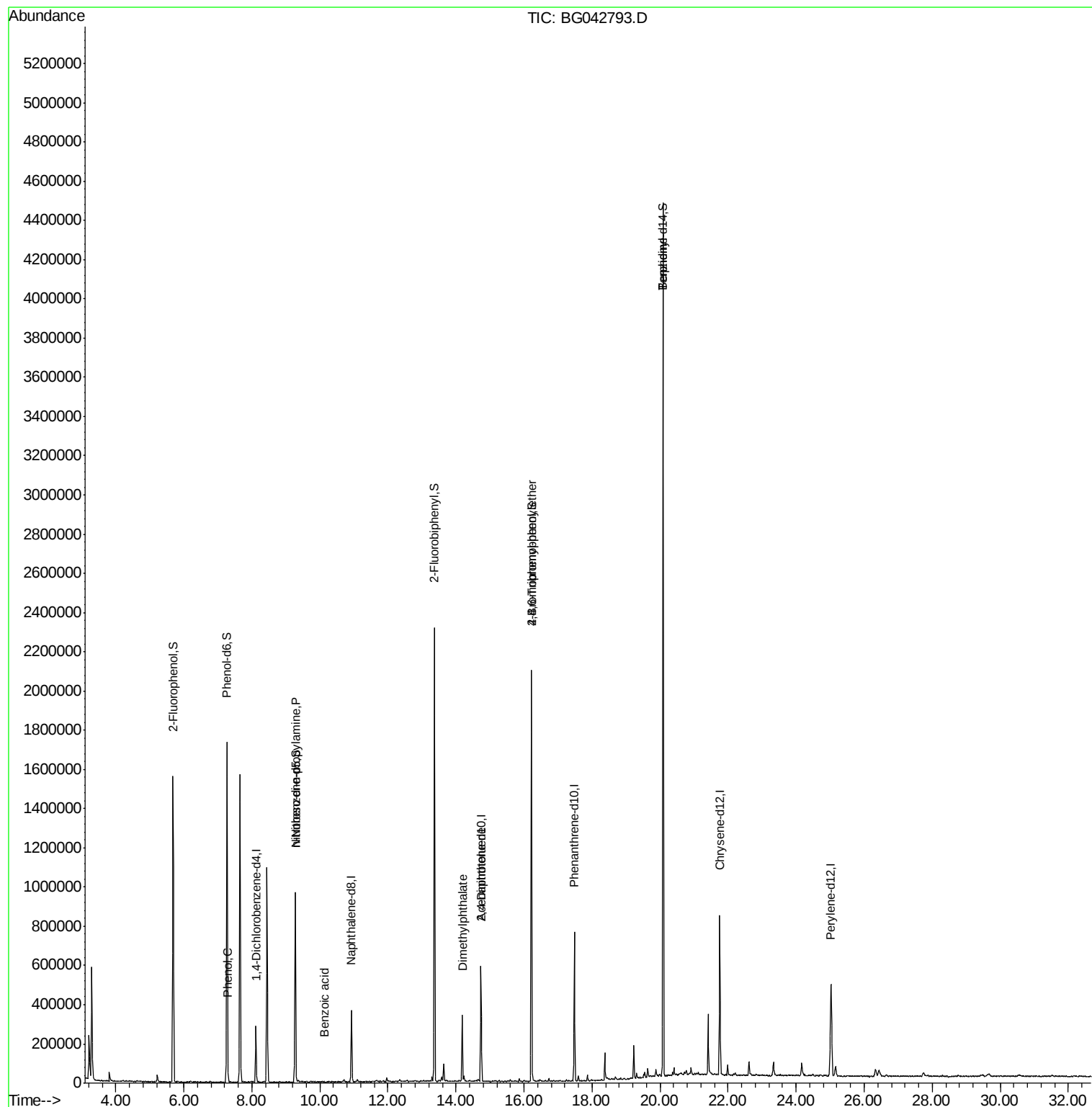
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	77706	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	299757	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	198531	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	479736	20.00	ng	0.00
76) Chrysene-d12	21.76	240	485225	20.00	ng	0.00
87) Perylene-d12	25.02	264	545881	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	631457	141.28	ng	0.00
7) Phenol-d6	7.27	99	938277	146.25	ng	0.00
23) Nitrobenzene-d5	9.28	82	577497	100.30	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	396275	150.03	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1193299	95.14	ng	0.00
79) Terphenyl-d14	20.09	244	2017334	92.14	ng	0.00
Target Compounds						
10) Phenol	7.30	94	23529	3.576	ng	93
19) n-Nitroso-di-n-propylamine	9.28	70	79275	16.770	ng	# 73
32) Benzoic acid	10.12	122	64	5.981	ng	# 1
50) Dimethylphthalate	14.18	163	202619	13.624	ng	99
57) 2,4-Dinitrotoluene	14.74	165	26765	6.580	ng	# 23
67) 4-Bromophenyl-phenylether	16.22	248	28436	4.897	ng	# 1
77) Benzidine	20.09	184	35878	2.647	ng	# 88

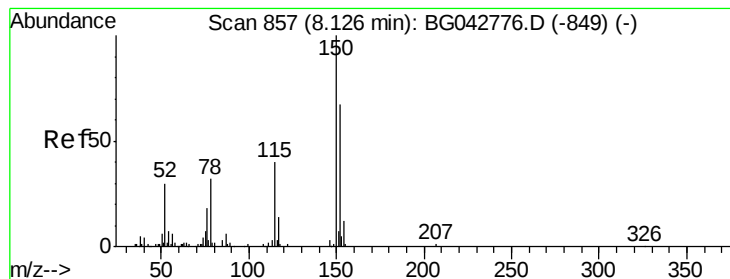
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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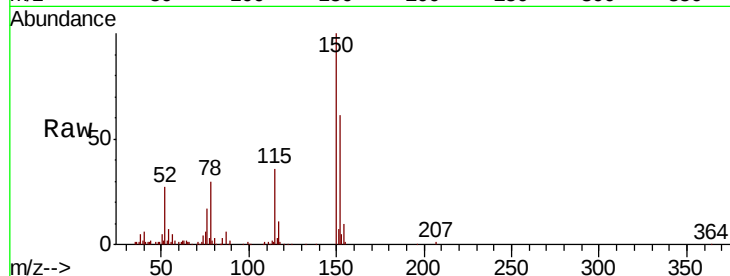




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BG042793.D
 Acq: 12 Sep 2019 22:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.5	118.9	178.3
115	59.6	47.4	71.2

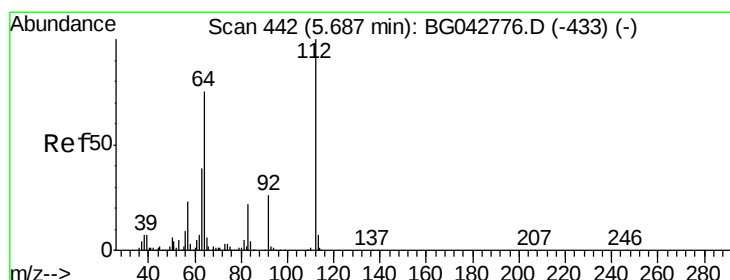
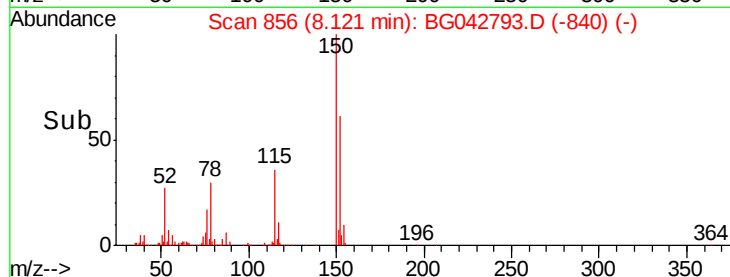
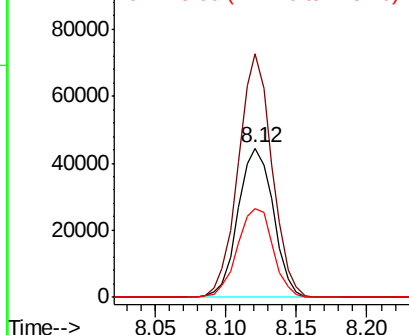


Abundance

Ion 152.00 (151.70 to 152.70): E

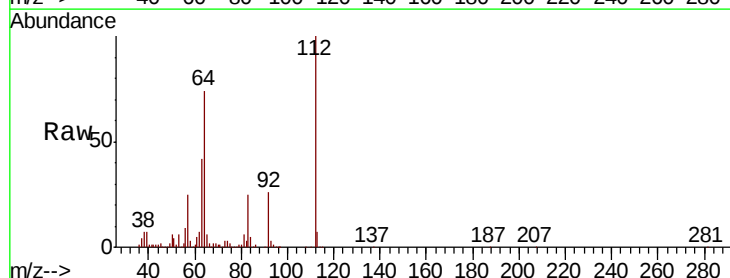
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 141.279 ng
 RT: 5.68 min Scan# 441
 Delta R.T. -0.01 min
 Lab File: BG042793.D
 Acq: 12 Sep 2019 22:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.3	60.2	90.2
63	41.7	31.2	46.8

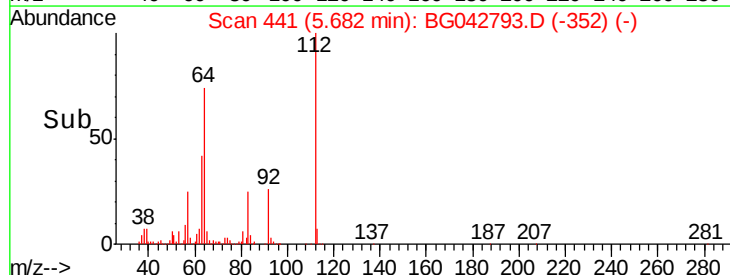
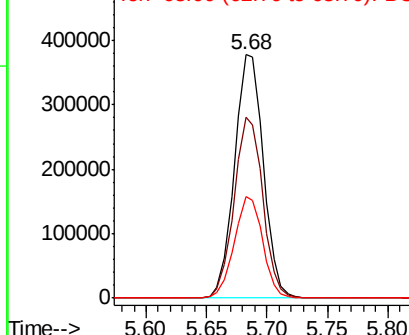


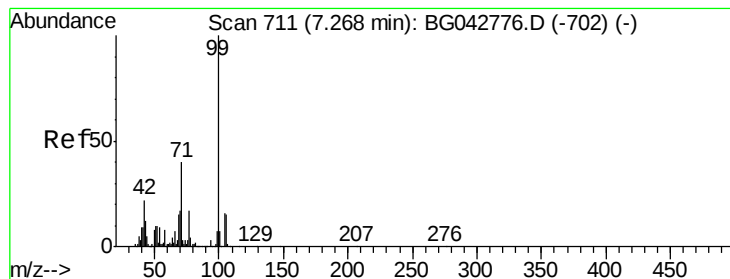
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 146.254 ng

RT: 7.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG042793.D

Acq: 12 Sep 2019 22:08

Instrument :

BNA_G

ClientSampleId :

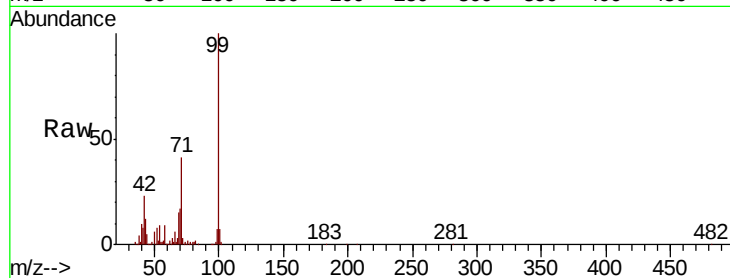
Tot Ion: 99 Resp: 938277

Ion Ratio Lower Upper

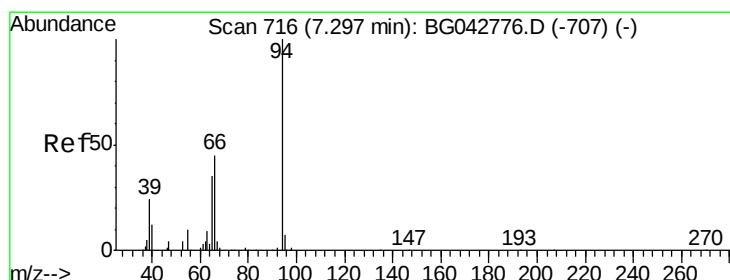
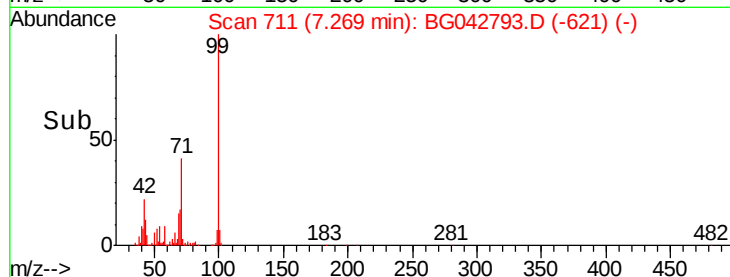
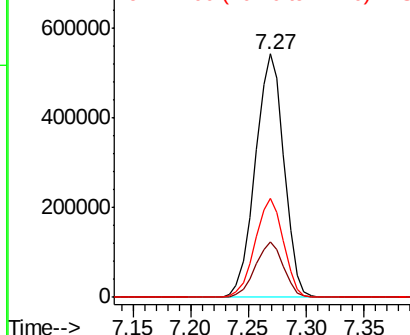
99 100

42 22.5 17.5 26.3

71 40.8 32.0 48.0



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



#10

Phenol

Concen: 3.576 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG042793.D

Acq: 12 Sep 2019 22:08

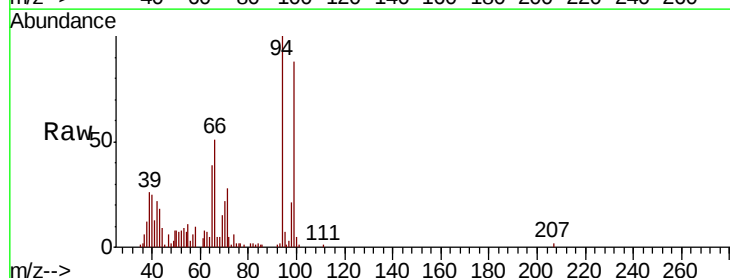
Tgt Ion: 94 Resp: 23529

Ion Ratio Lower Upper

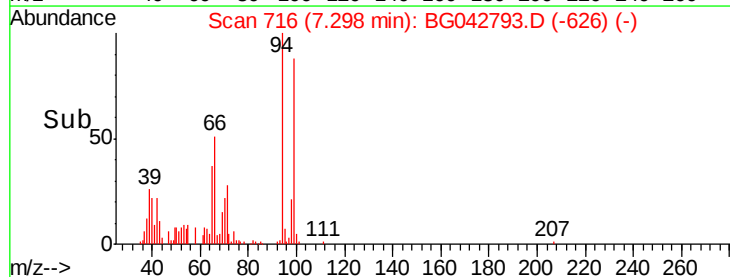
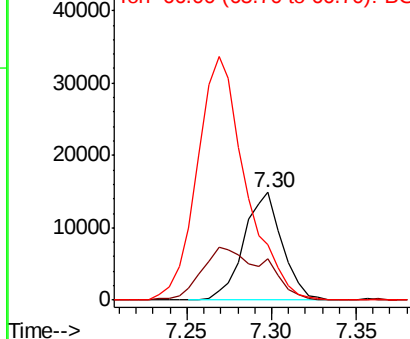
94 100

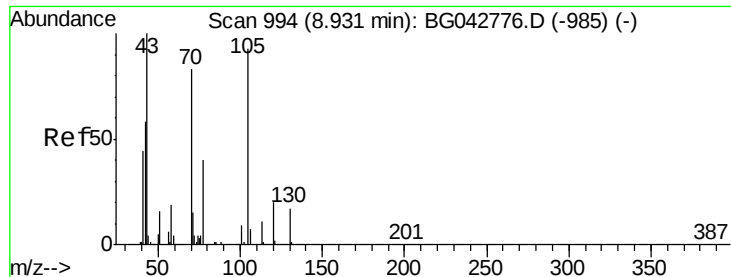
65 38.6 15.0 55.0

66 51.2 26.1 66.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

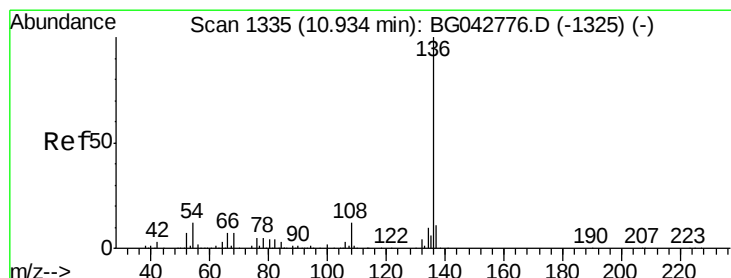
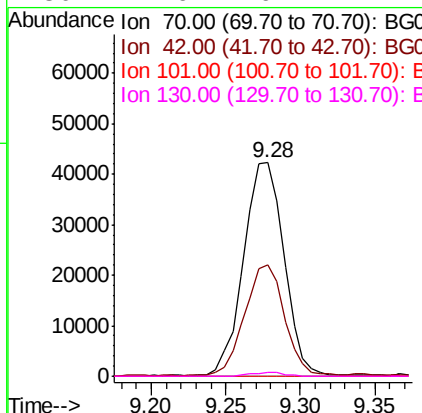
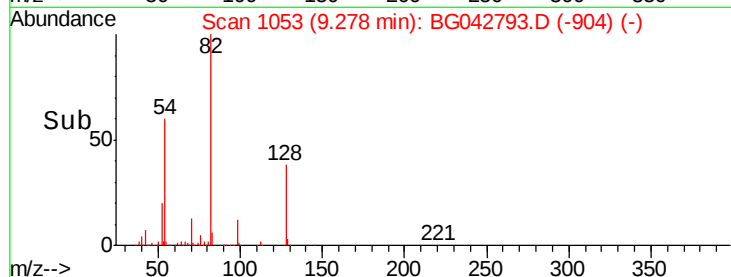
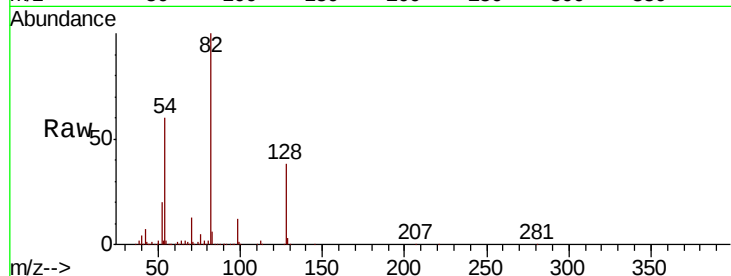




#19
n-Nitroso-di-n-propylamine
Concen: 16.770 ng
RT: 9.28 min Scan# 1053
Delta R.T. 0.35 min
Lab File: BG042793.D
Acq: 12 Sep 2019 22:08

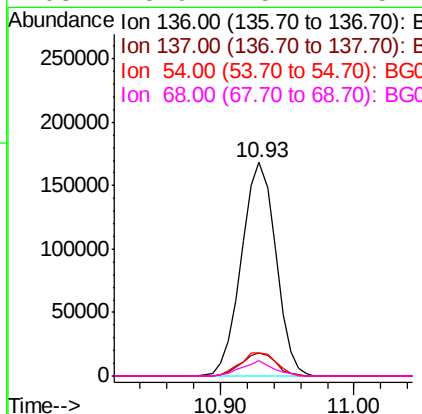
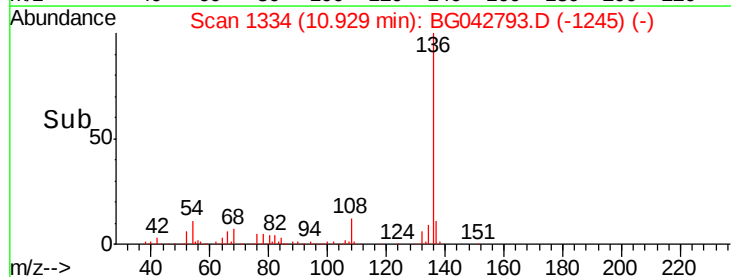
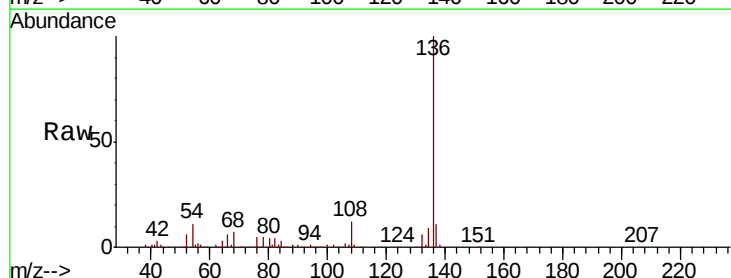
Instrument :
BNA_G
ClientSampleId :

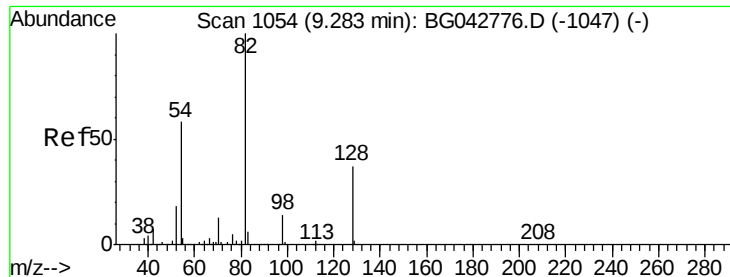
Tot Ion: 70 Resp: 79275
Ion Ratio Lower Upper
70 100
42 52.3 57.0 85.6#
101 0.0 8.4 12.6#
130 1.6 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042793.D
Acq: 12 Sep 2019 22:08

Tgt Ion: 136 Resp: 299757
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 10.8 9.4 14.0
68 6.9 5.4 8.2





#23

Nitrobenzene-d5

Concen: 100.301 ng

RT: 9.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BG042793.D

Acq: 12 Sep 2019 22:08

Instrument :

BNA_G

ClientSampleId :

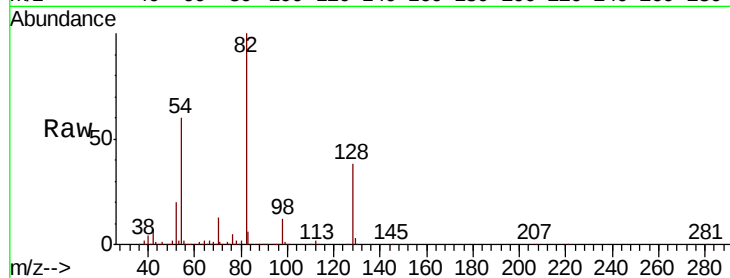
Tot Ion: 82 Resp: 577497

Ion Ratio Lower Upper

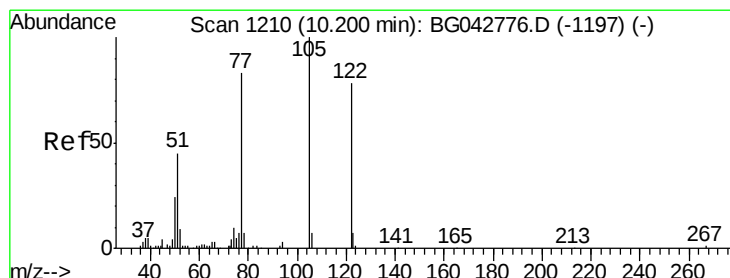
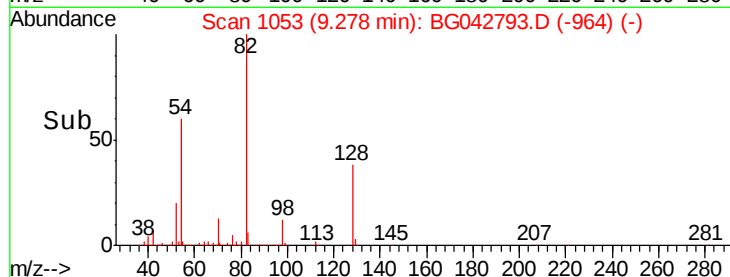
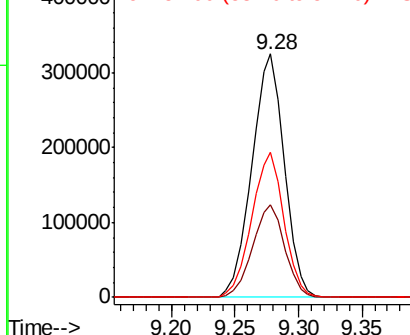
82 100

128 38.1 29.8 44.8

54 59.8 46.1 69.1



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: 5.981 ng

RT: 10.12 min Scan# 1197

Delta R.T. -0.07 min

Lab File: BG042793.D

Acq: 12 Sep 2019 22:08

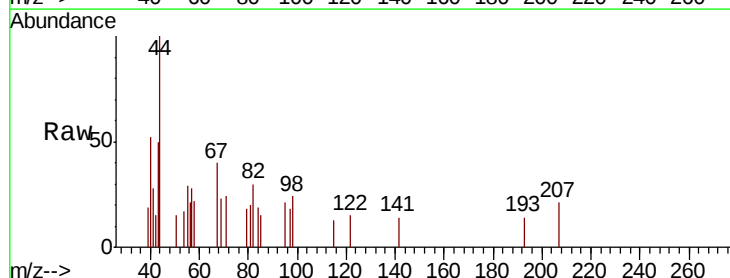
Tgt Ion:122 Resp: 64

Ion Ratio Lower Upper

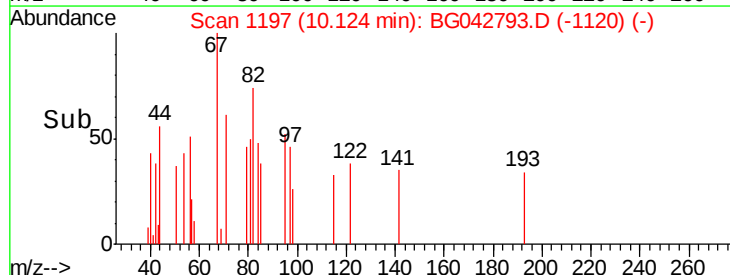
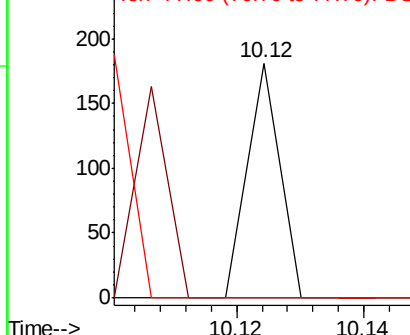
122 100

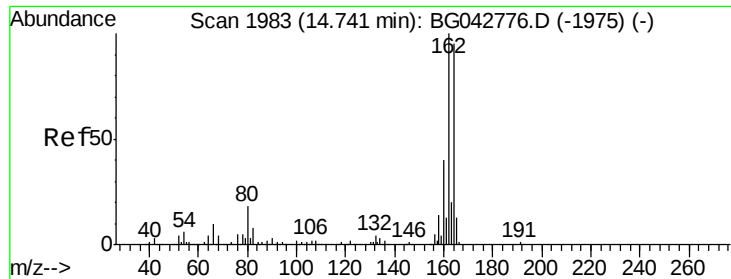
105 0.0 104.0 144.0#

77 0.0 84.2 124.2#



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

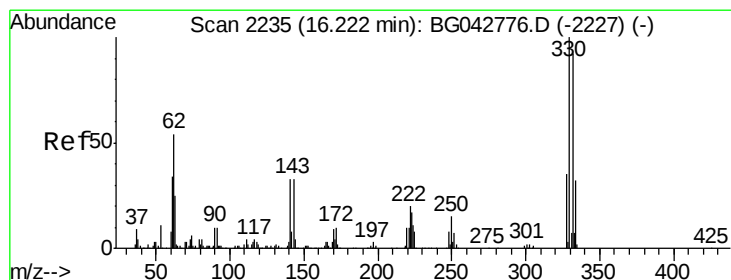
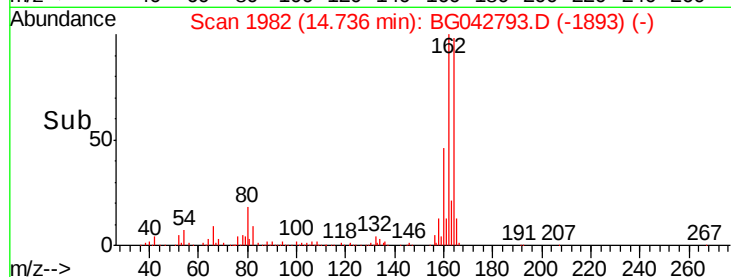
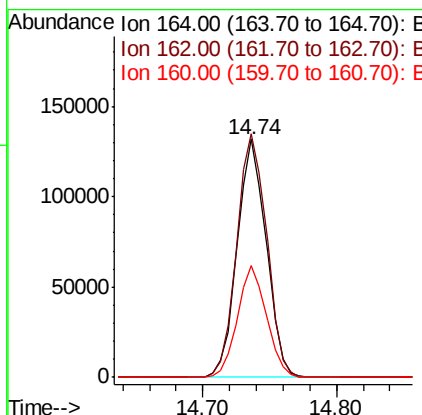
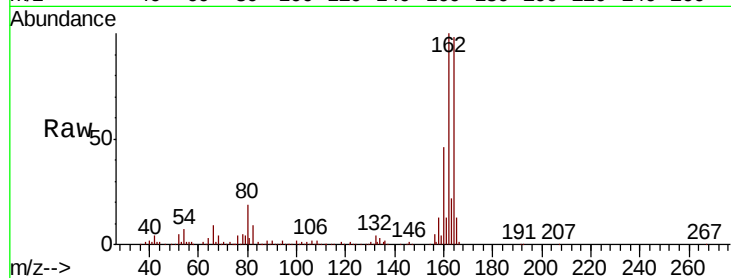




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG042793.D
Acq: 12 Sep 2019 22:08

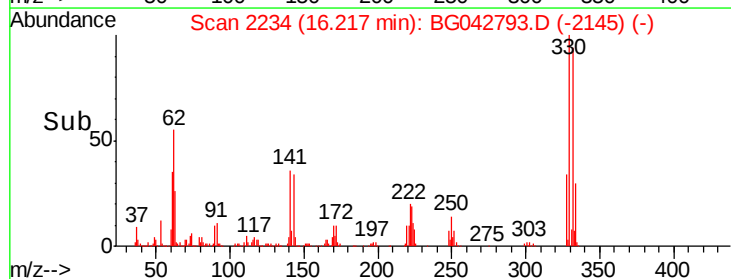
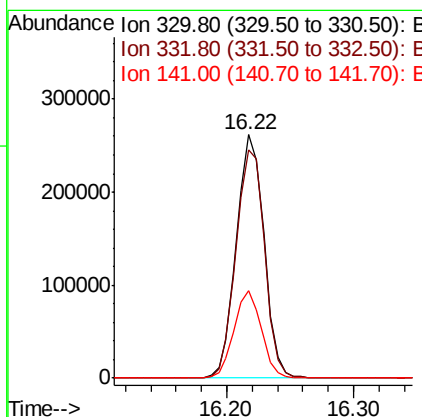
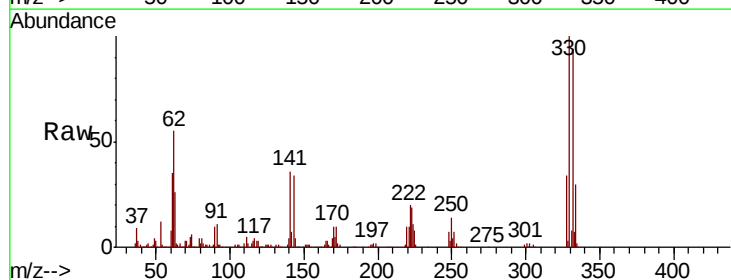
Instrument :
BNA_G
ClientSampleId :

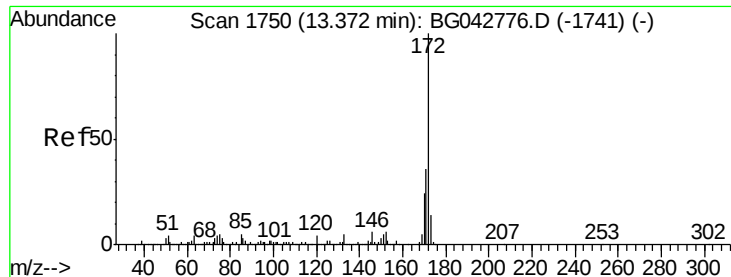
Tot Ion:164 Resp: 198531
Ion Ratio Lower Upper
164 100
162 102.3 84.6 126.8
160 47.2 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 150.030 ng
RT: 16.22 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BG042793.D
Acq: 12 Sep 2019 22:08

Tgt Ion:330 Resp: 396275
Ion Ratio Lower Upper
330 100
332 96.7 76.7 115.1
141 35.2 27.0 40.6



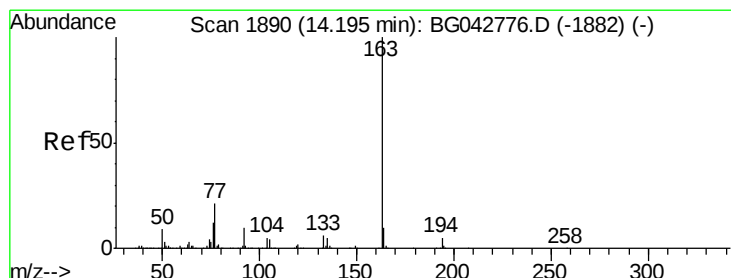
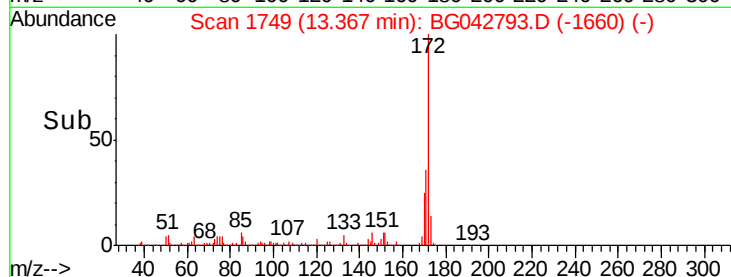
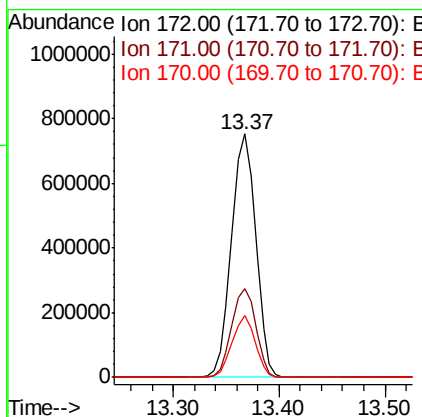
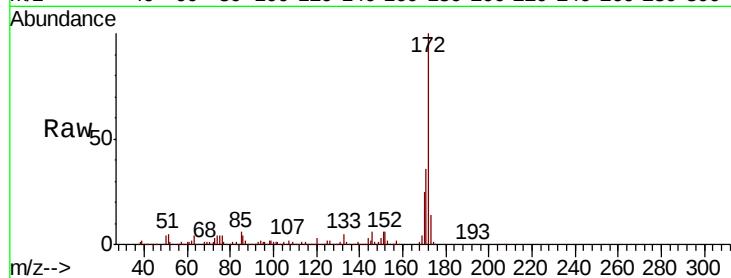


#45
2-Fluorobiphenyl
Concen: 95.144 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042793.D
Acq: 12 Sep 2019 22:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1193299

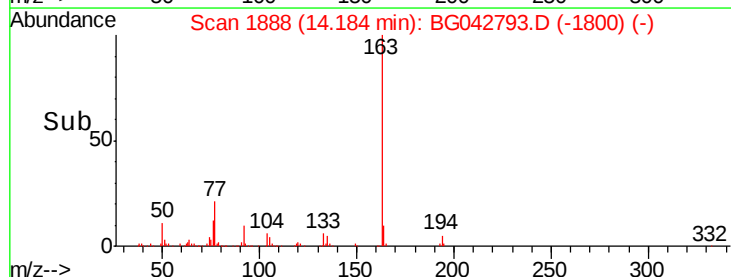
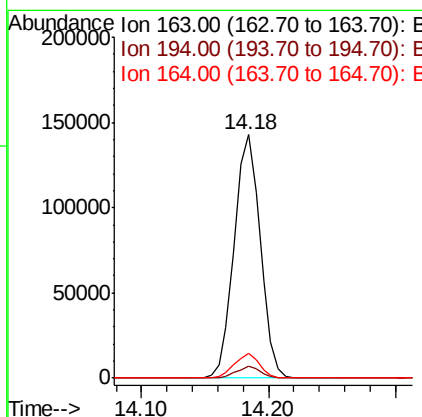
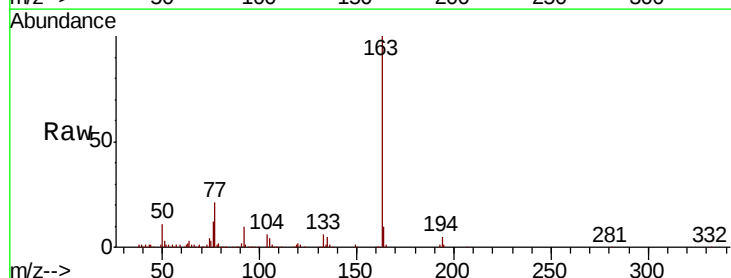
Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	25.4	19.1	28.7

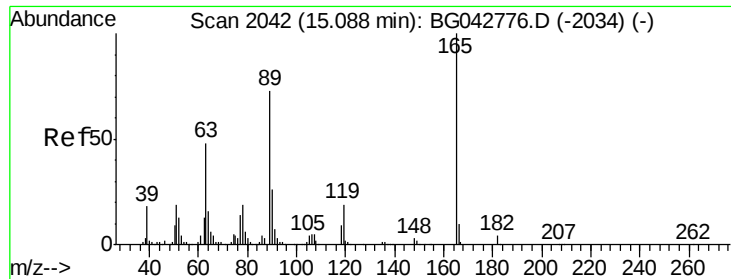


#50
Dimethylphthalate
Concen: 13.624 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG042793.D
Acq: 12 Sep 2019 22:08

Tgt Ion:163 Resp: 202619

Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.2	6.4
164	10.0	8.4	12.6

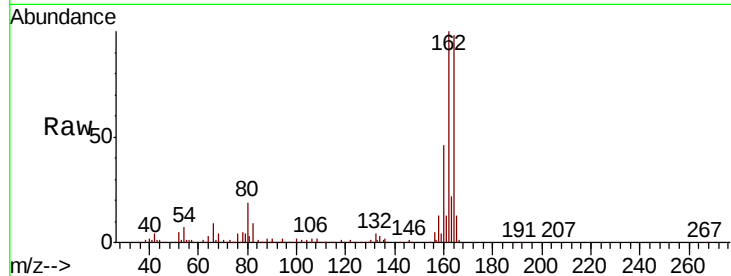




#57
 2,4-Dinitrotoluene
 Concen: 6.580 ng
 RT: 14.74 min Scan# 1982
 Delta R.T. -0.35 min
 Lab File: BG042793.D
 Acq: 12 Sep 2019 22:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	38.3	57.5#
89	1.9	58.4	87.6#
182	0.0	2.9	4.3#



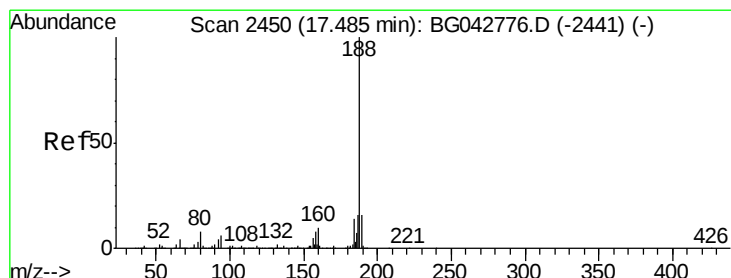
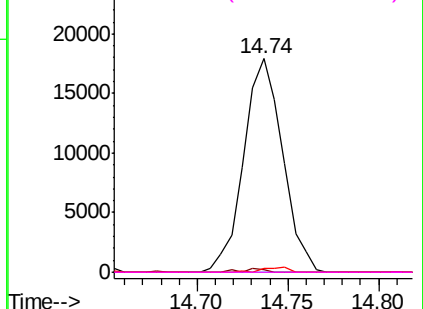
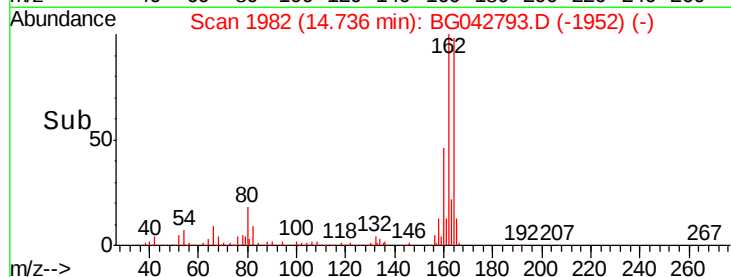
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

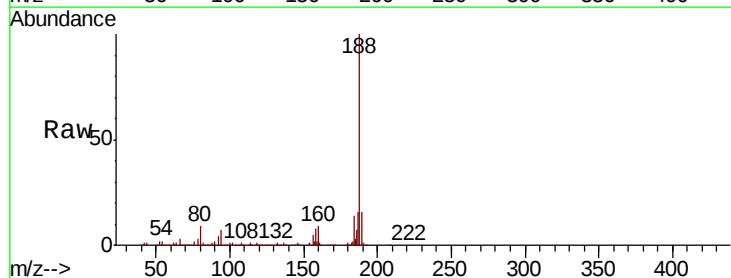
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG042793.D
 Acq: 12 Sep 2019 22:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	4.8	7.2
80	8.6	6.6	9.8

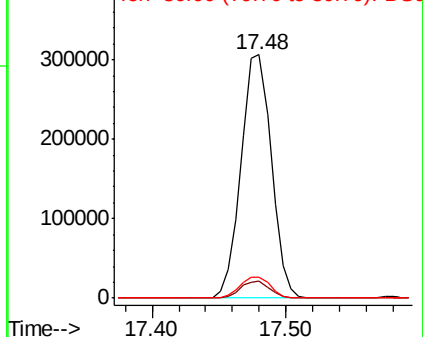
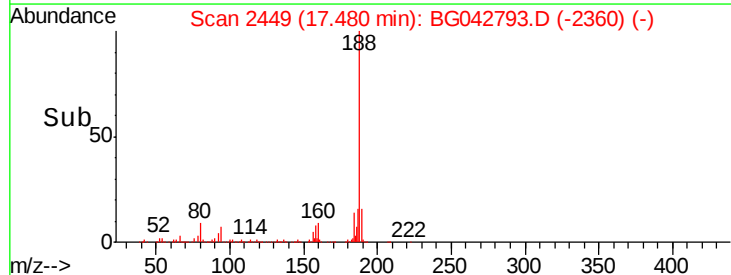


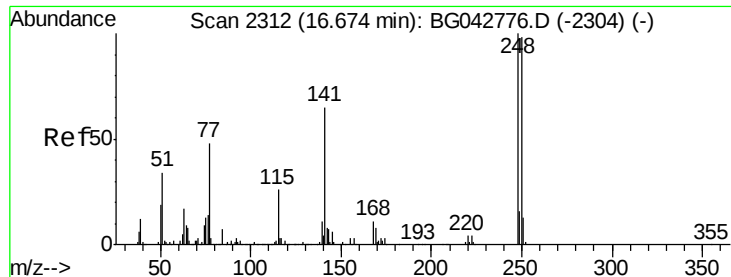
Abundance

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

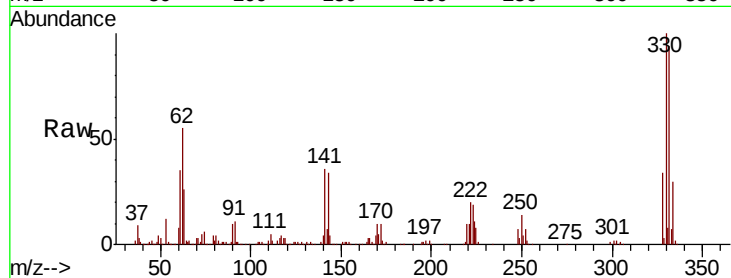




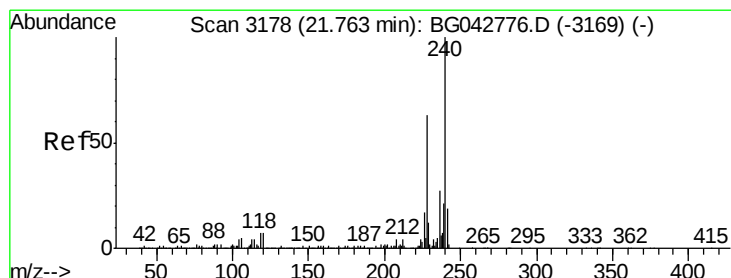
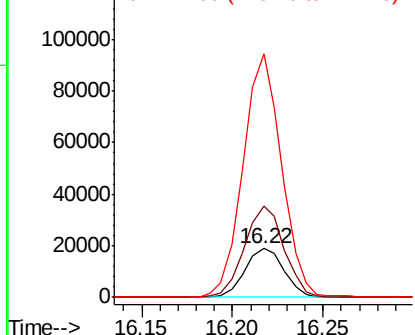
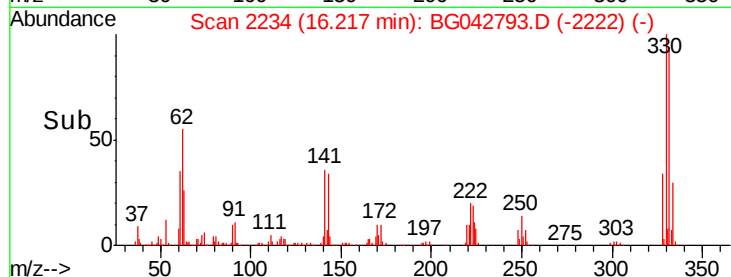
#67
 4-Bromophenyl-phenylether
 Concen: 4.897 ng
 RT: 16.22 min Scan# 2234
 Delta R.T. -0.46 min
 Lab File: BG042793.D
 Acq: 12 Sep 2019 22:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 28436
 Ion Ratio Lower Upper
 248 100
 250 186.4 78.0 117.0#
 141 497.4 51.8 77.6#

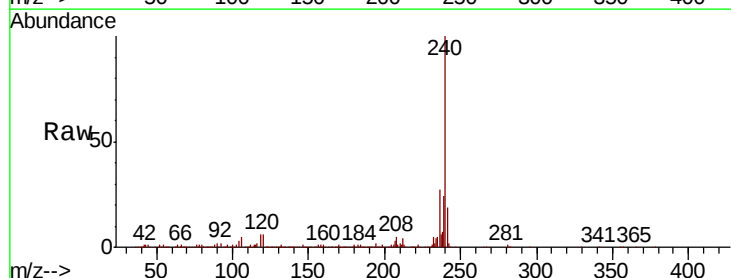


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

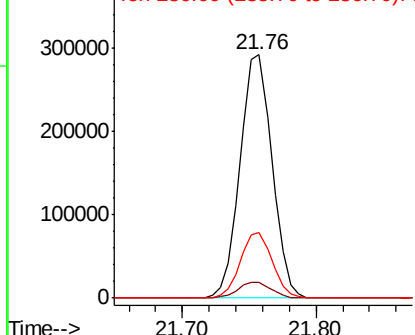
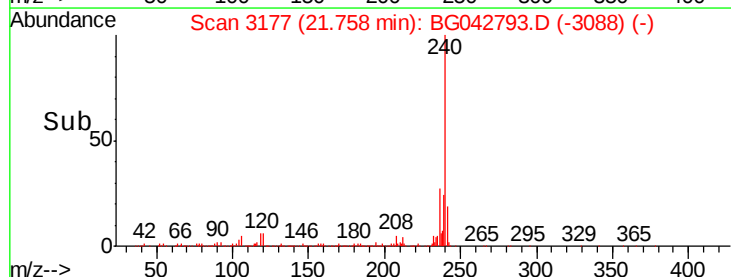


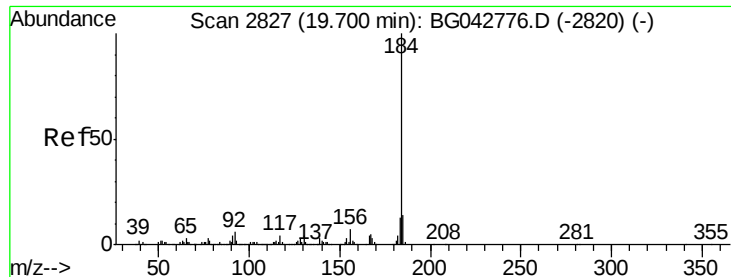
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3177
 Delta R.T. -0.01 min
 Lab File: BG042793.D
 Acq: 12 Sep 2019 22:08

Tgt Ion:240 Resp: 485225
 Ion Ratio Lower Upper
 240 100
 120 6.5 5.4 8.2
 236 27.2 21.7 32.5



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: 2.647 ng

RT: 20.09 min Scan# 2893

Delta R.T. 0.39 min

Lab File: BG042793.D

Acq: 12 Sep 2019 22:08

Instrument :

BNA_G

ClientSampleId :

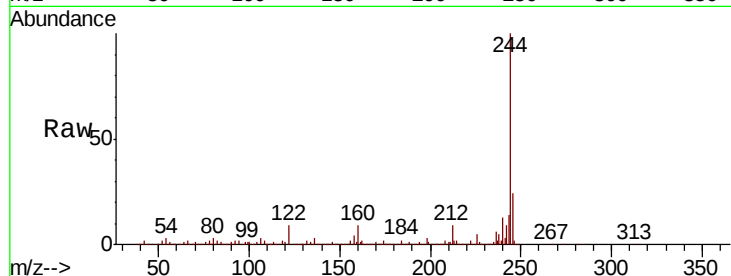
Tot Ion:184 Resp: 35878

Ion Ratio Lower Upper

184 100

185 17.9 11.6 17.4#

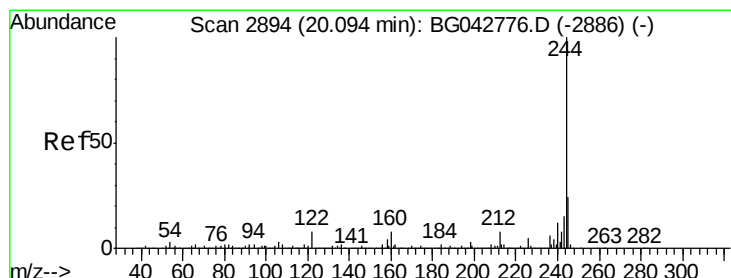
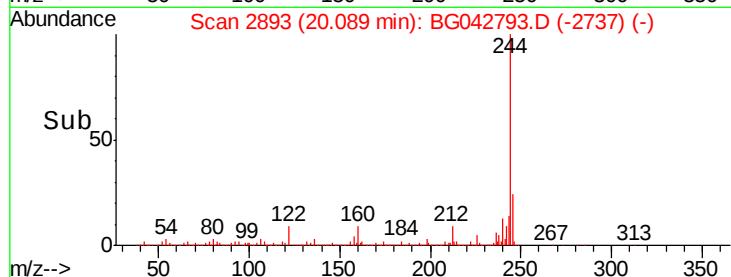
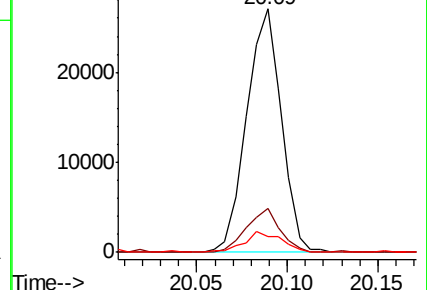
183 6.7 10.4 15.6#



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: 92.142 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042793.D

Acq: 12 Sep 2019 22:08

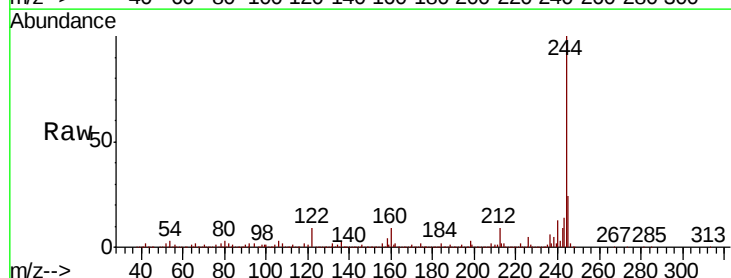
Tgt Ion:244 Resp: 2017334

Ion Ratio Lower Upper

244 100

212 9.0 6.6 10.0

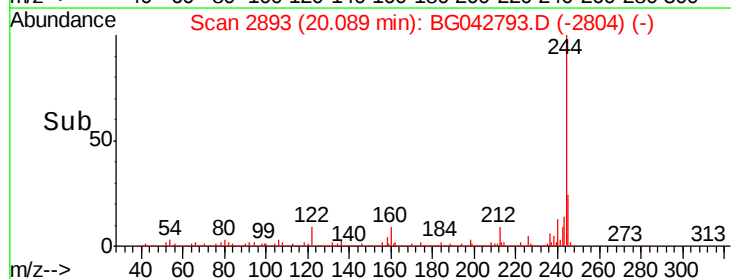
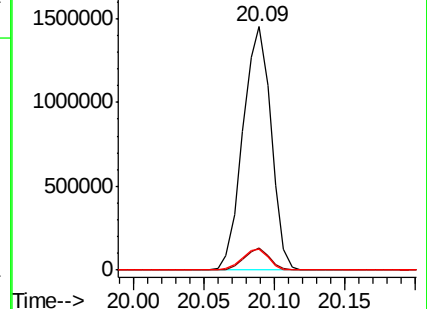
122 8.7 6.2 9.4

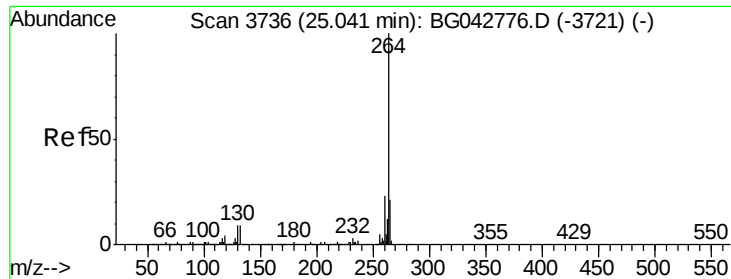


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3733
 Delta R.T. -0.02 min
 Lab File: BG042793.D
 Acq: 12 Sep 2019 22:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.2	27.2
265	20.1	16.9	25.3

