

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042791.D
 Acq On : 12 Sep 2019 20:51
 Operator : HP/JU
 Sample : K4852-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 13 07:03:14 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

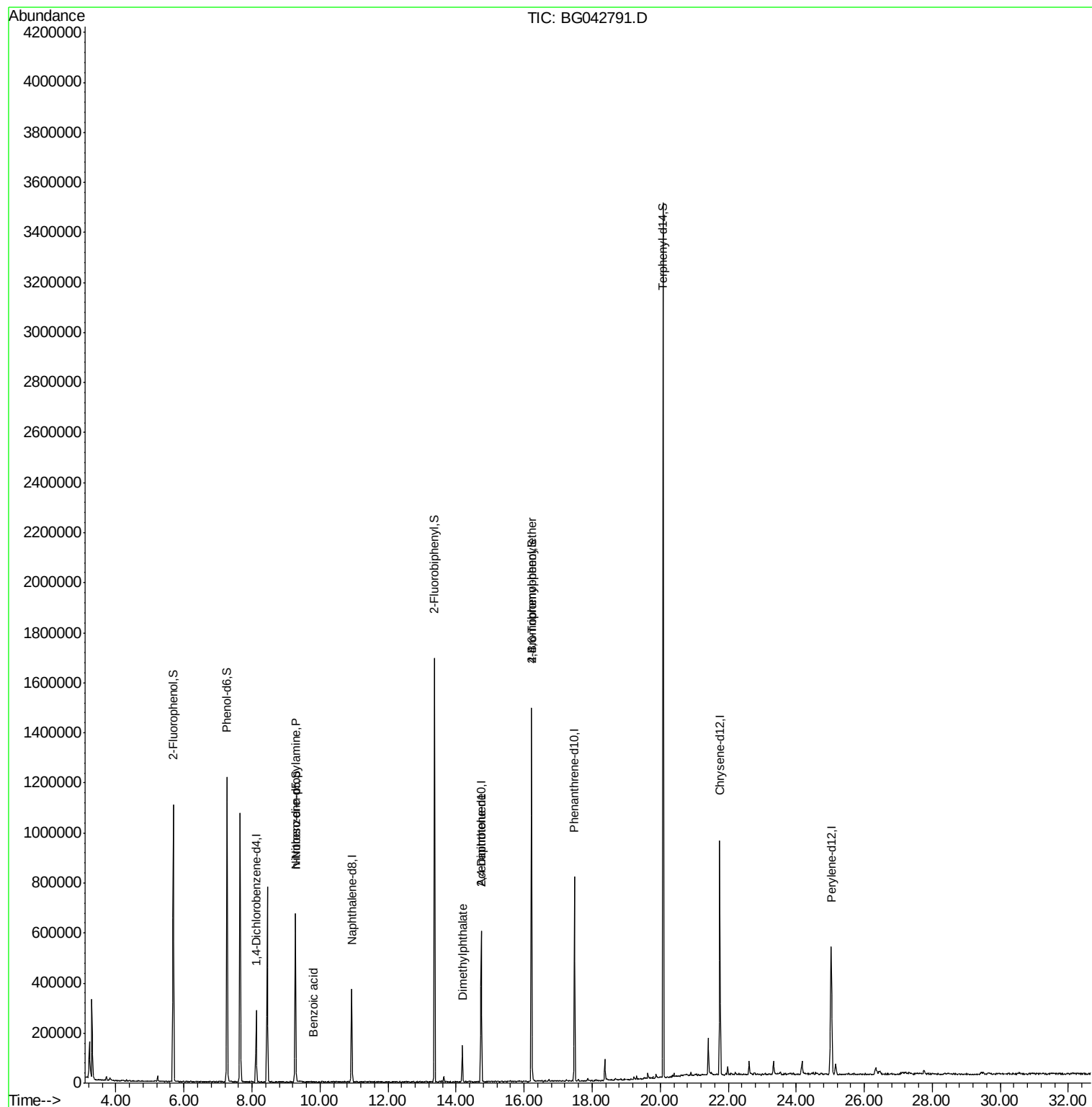
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	81693	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	309678	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	209944	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	506803	20.00	ng	0.00
76) Chrysene-d12	21.75	240	536236	20.00	ng	0.00
87) Perylene-d12	25.03	264	576051	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	449327	95.62	ng	0.00
7) Phenol-d6	7.27	99	674296	99.98	ng	0.00
23) Nitrobenzene-d5	9.27	82	401274	67.46	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	287000	102.75	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	901227	67.95	ng	0.00
79) Terphenyl-d14	20.09	244	1632061	67.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	57512	11.572	ng	# 64
32) Benzoic acid	9.82	122	53	5.978	ng	# 1
50) Dimethylphthalate	14.18	163	98461	6.260	ng	96
57) 2,4-Dinitrotoluene	14.73	165	27986	6.506	ng	# 24
67) 4-Bromophenyl-phenylether	16.22	248	19693	3.210	ng	# 1

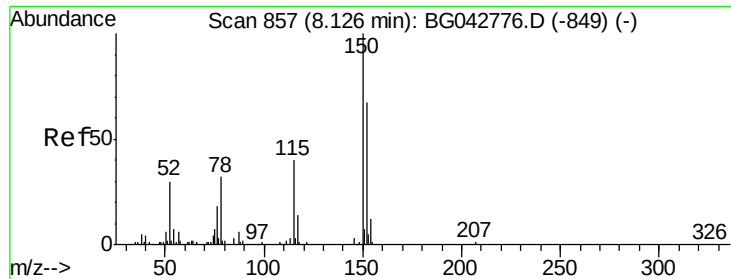
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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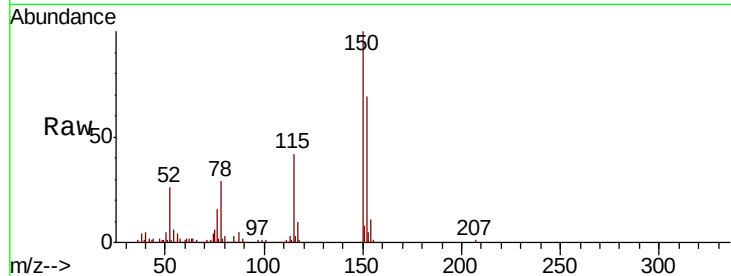


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG042791.D
Acq: 12 Sep 2019 20:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.0	118.9	178.3
115	59.9	47.4	71.2

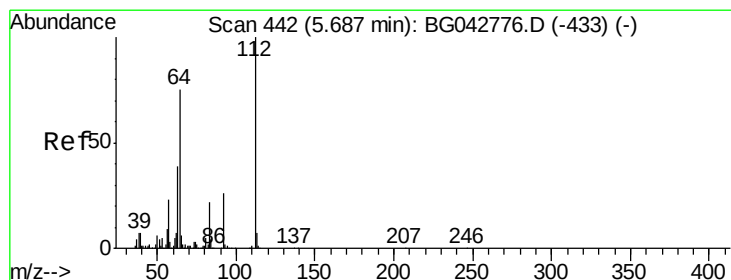
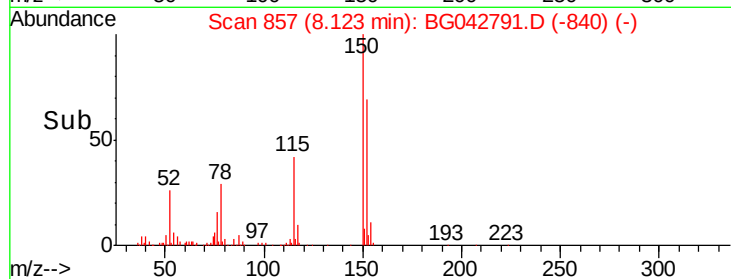
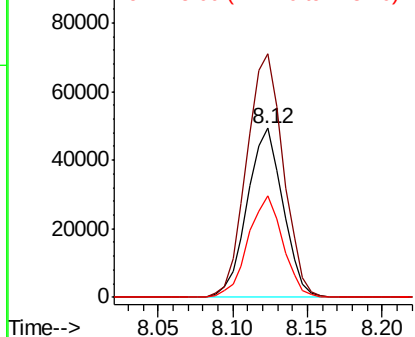


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

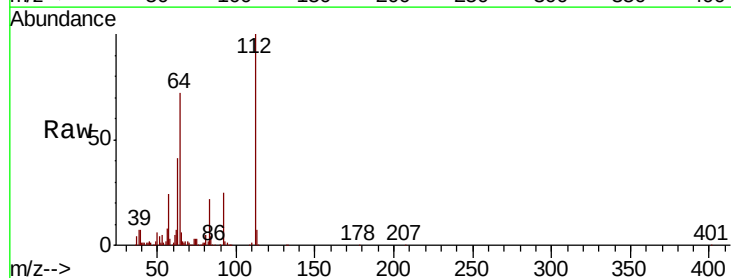
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.623 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042791.D
Acq: 12 Sep 2019 20:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.5	60.2	90.2
63	40.6	31.2	46.8

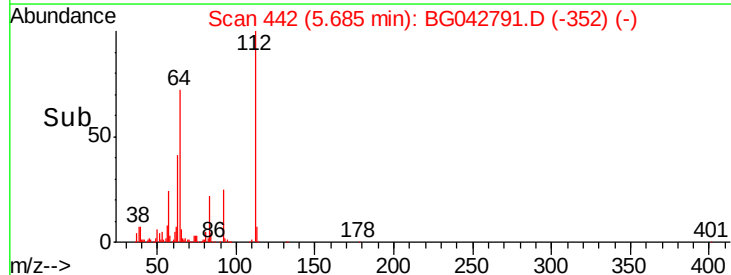
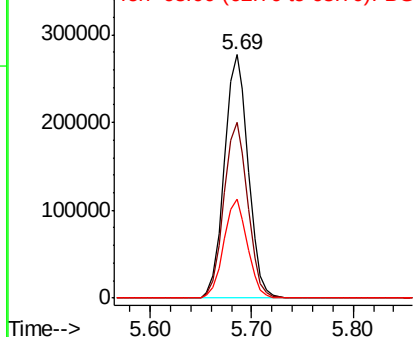


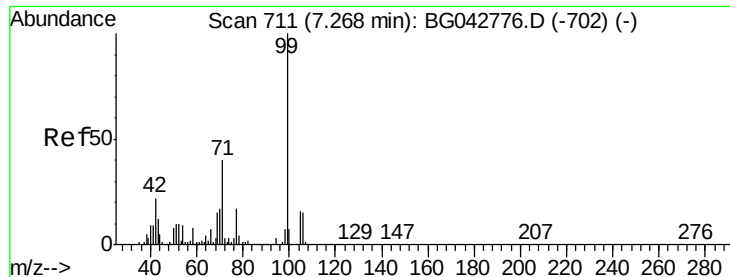
Abundance

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: 99.977 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042791.D

Acq: 12 Sep 2019 20:51

Instrument :

BNA_G

ClientSampleId :

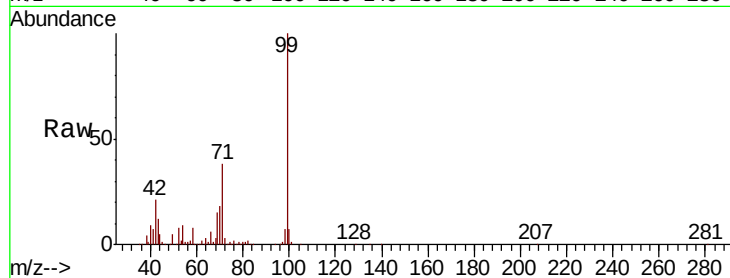
Tot Ion: 99 Resp: 674296

Ion Ratio Lower Upper

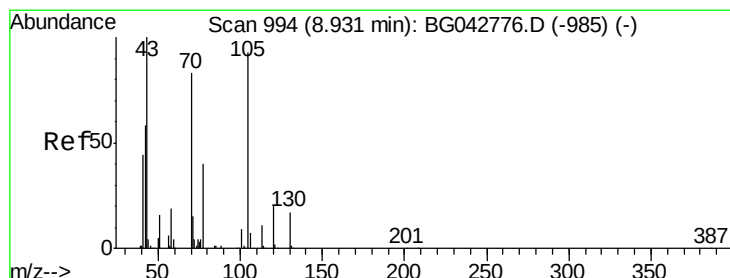
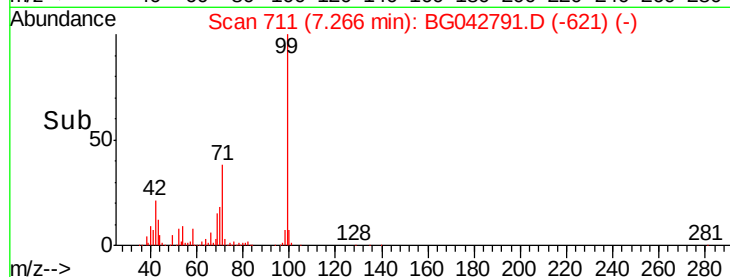
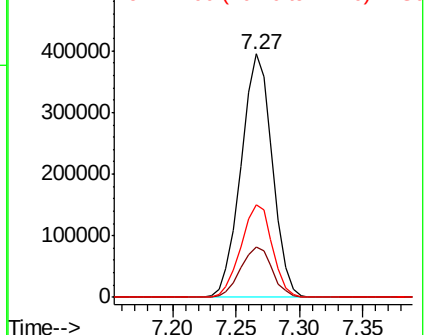
99 100

42 20.8 17.5 26.3

71 37.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 11.572 ng

RT: 9.27 min Scan# 1053

Delta R.T. 0.34 min

Lab File: BG042791.D

Acq: 12 Sep 2019 20:51

Tgt Ion: 70 Resp: 57512

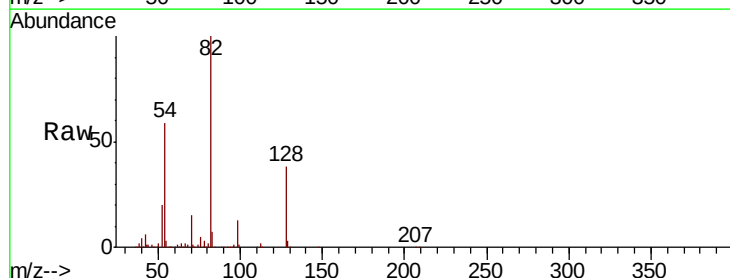
Ion Ratio Lower Upper

70 100

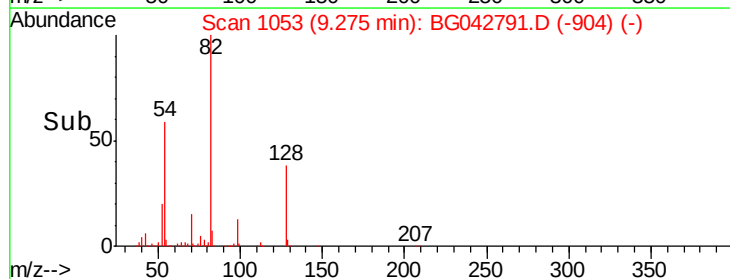
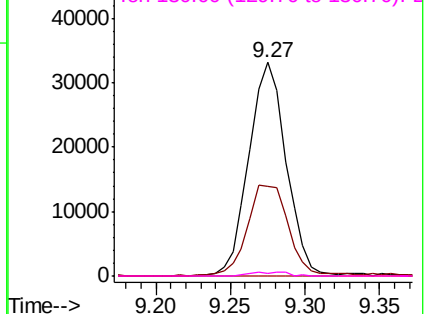
42 42.1 57.0 85.6#

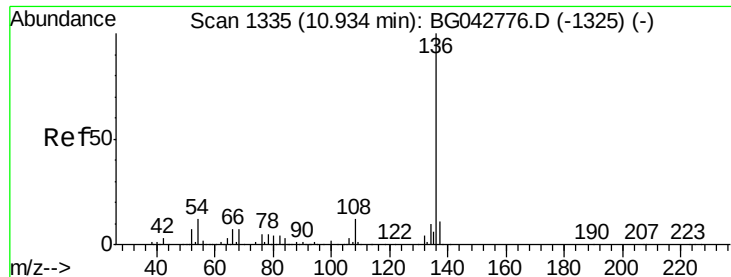
101 0.0 8.4 12.6#

130 1.5 16.1 24.1#



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

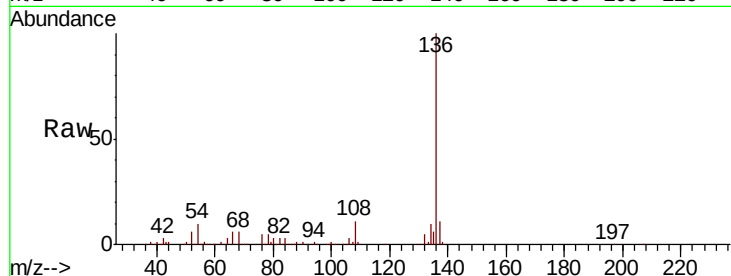




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG042791.D
Acq: 12 Sep 2019 20:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	309678
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.0 13.6
54	10.1	9.4 14.0
68	6.1	5.4 8.2



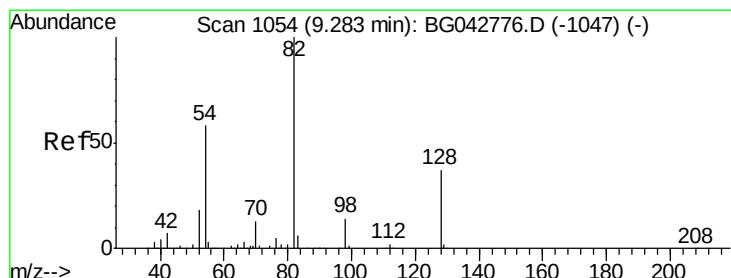
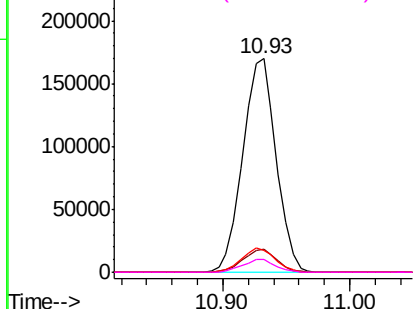
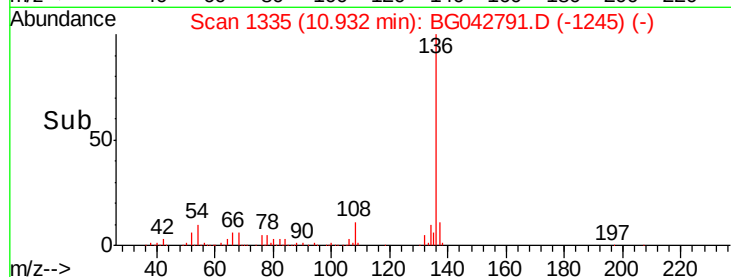
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

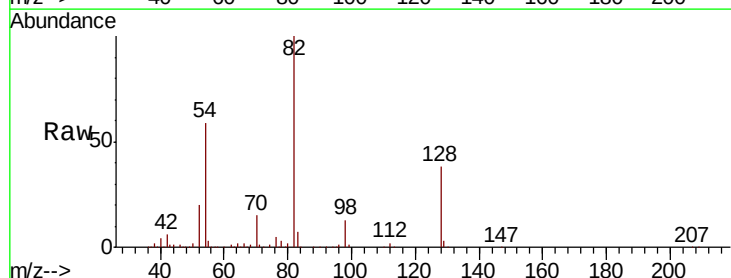
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 67.461 ng
RT: 9.27 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042791.D
Acq: 12 Sep 2019 20:51

Tgt Ion: 82	Resp:	401274
Ion	Ratio	Lower Upper
82	100	
128	37.9	29.8 44.8
54	59.1	46.1 69.1

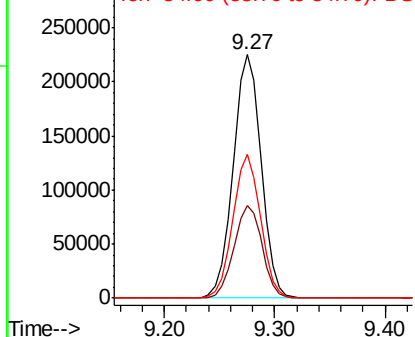
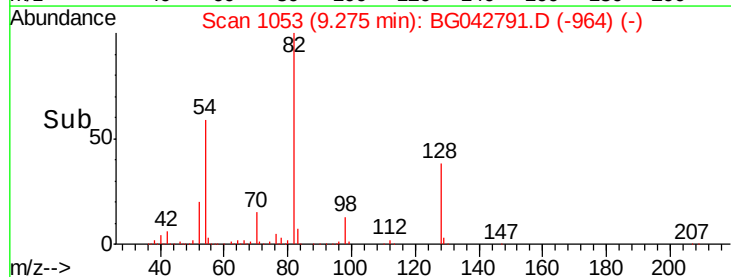


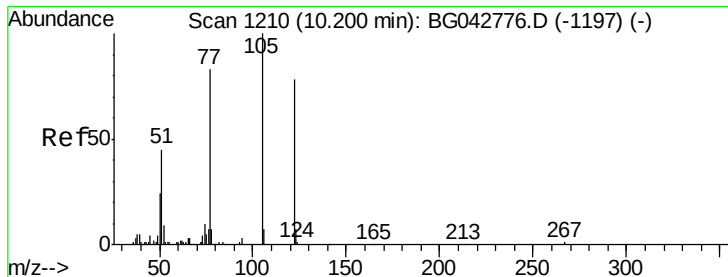
Abundance

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

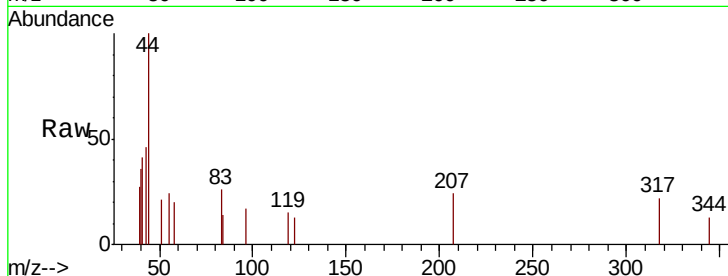




#32
Benzoic acid
Concen: 5.978 ng
RT: 9.82 min Scan# 1146
Delta R.T. -0.38 min
Lab File: BG042791.D
Acq: 12 Sep 2019 20:51

Instrument :
BNA_G
ClientSampleID :

Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	104.0	144.0#
77	0.0	84.2	124.2#

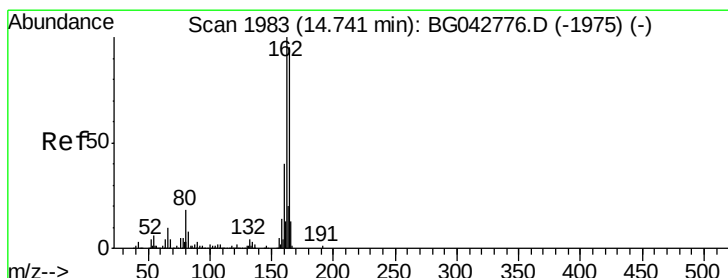
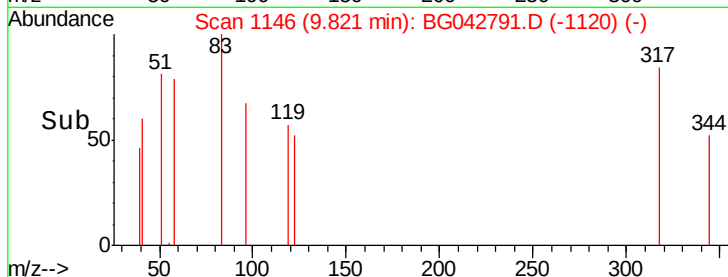
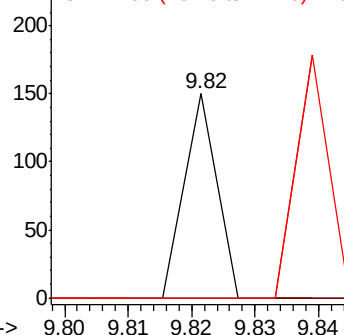


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG042791.D
Acq: 12 Sep 2019 20:51

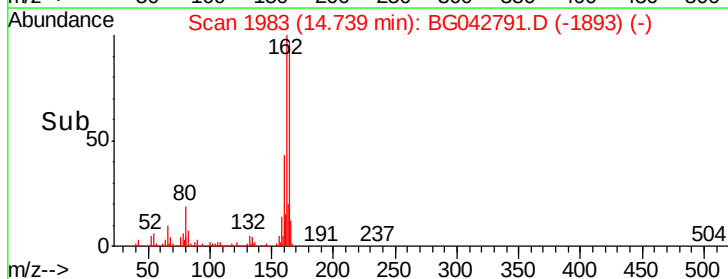
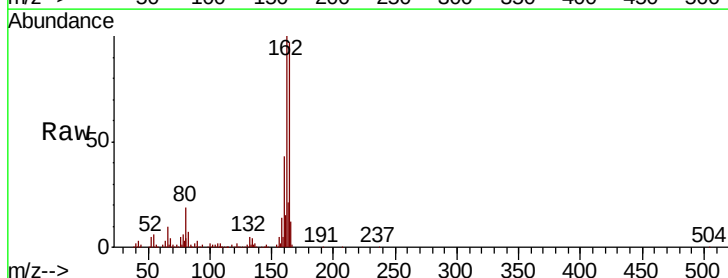
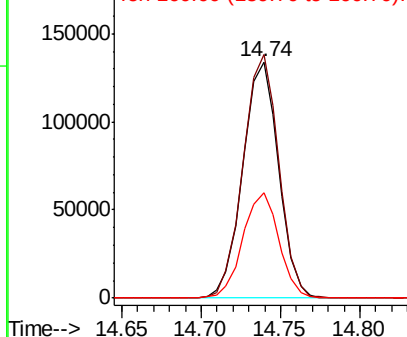
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	84.6	126.8
160	44.7	34.2	51.2

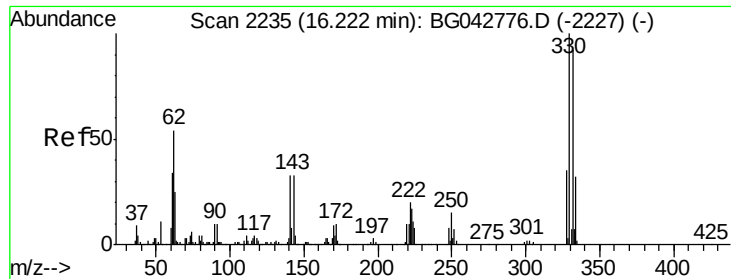
Abundance

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

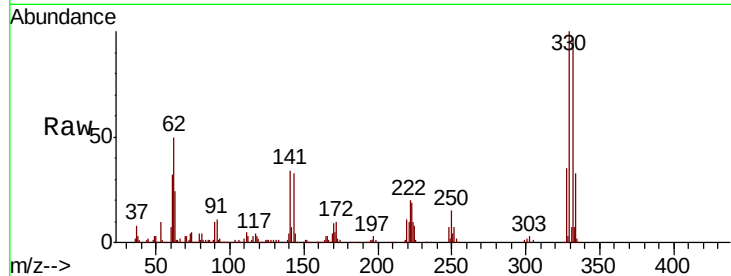




#42
 2,4,6-Tribromophenol
 Concen: 102.752 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG042791.D
 Acq: 12 Sep 2019 20:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.7	115.1
141	35.1	27.0	40.6

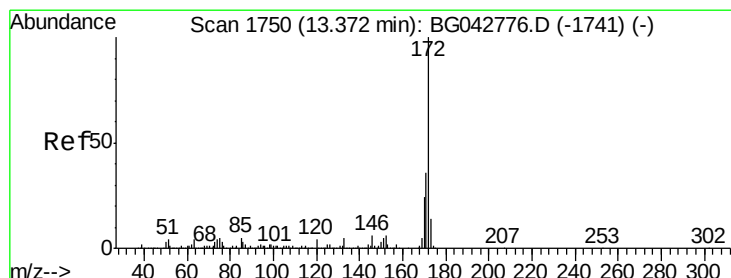
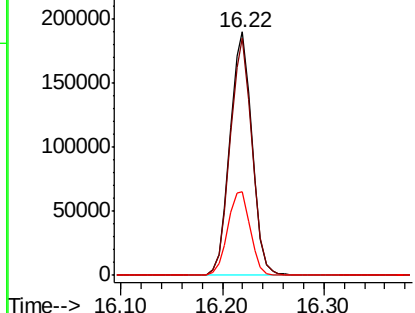
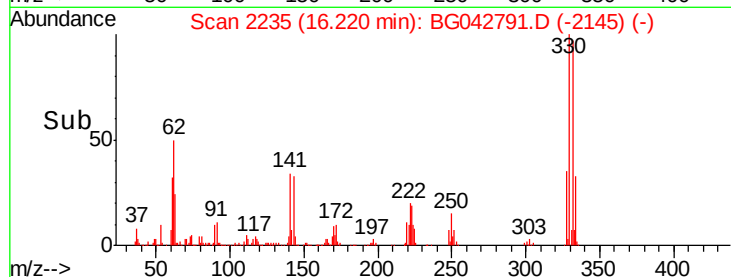


Abundance

Ion 329.80 (329.50 to 330.50): E

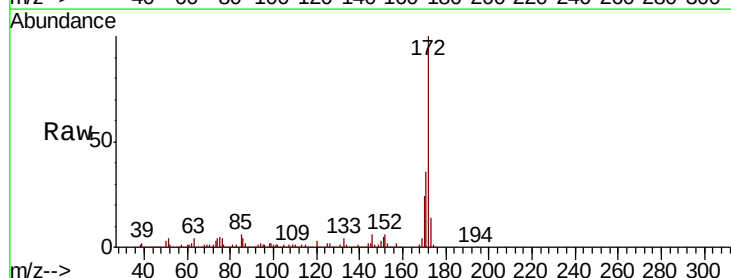
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 67.951 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042791.D
 Acq: 12 Sep 2019 20:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	23.8	19.1	28.7

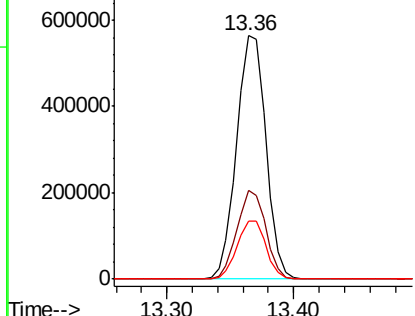
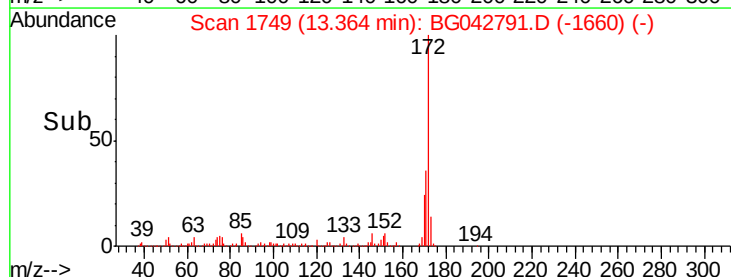


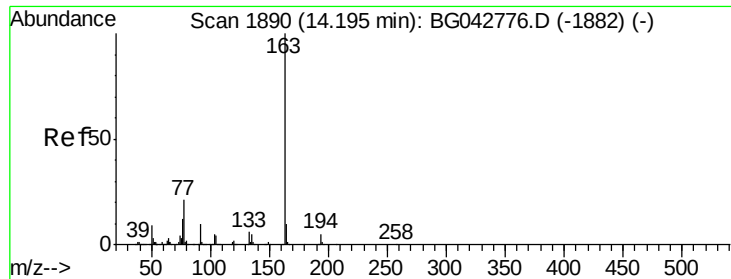
Abundance

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





#50

Dimethylphthalate

Concen: 6.260 ng

RT: 14.18 min Scan# 1888

Delta R.T. -0.01 min

Lab File: BG042791.D

Acq: 12 Sep 2019 20:51

Instrument :

BNA_G

ClientSampleId :

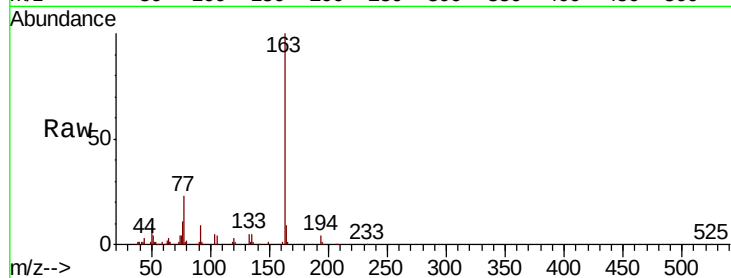
Tot Ion:163 Resp: 98461

Ion Ratio Lower Upper

163 100

194 4.3 4.2 6.4

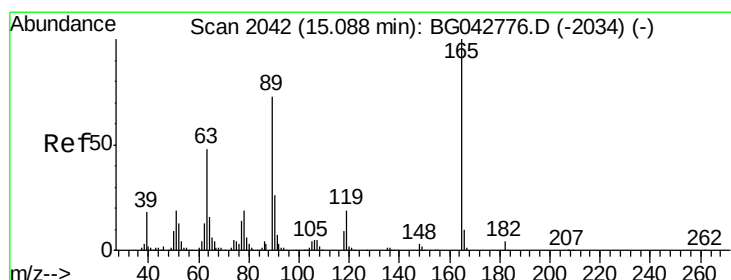
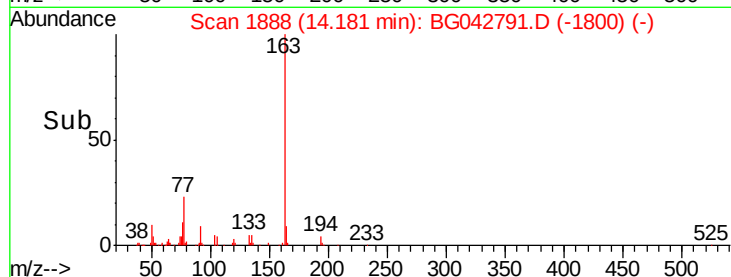
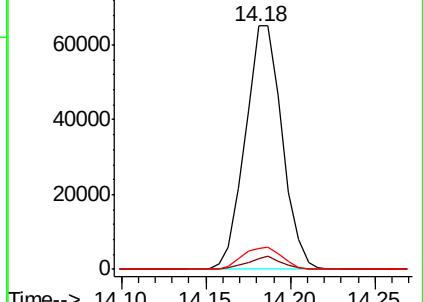
164 8.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 6.506 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.35 min

Lab File: BG042791.D

Acq: 12 Sep 2019 20:51

Tgt Ion:165 Resp: 27986

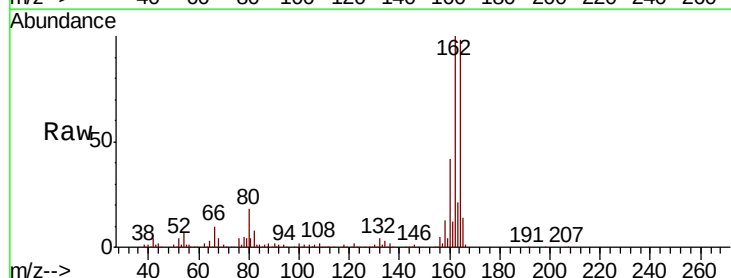
Ion Ratio Lower Upper

165 100

63 1.9 38.3 57.5#

89 2.4 58.4 87.6#

182 0.0 2.9 4.3#

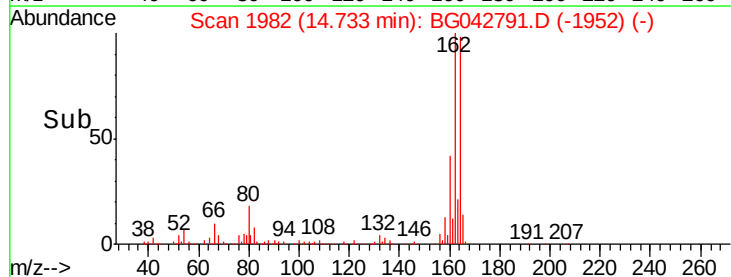
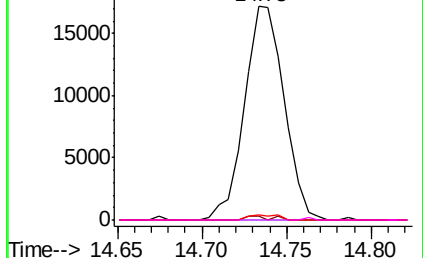


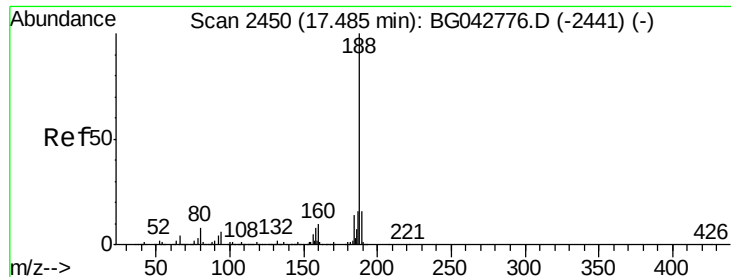
Abundance Ion 165.00 (164.70 to 165.70): E

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: BG042791.D

Acq: 12 Sep 2019 20:51

Instrument :

BNA_G

ClientSampleId :

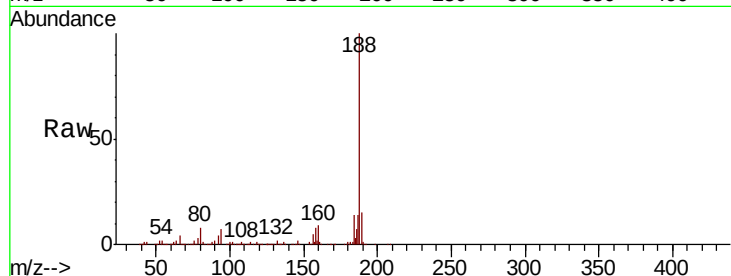
Tot Ion:188 Resp: 506803

Ion Ratio Lower Upper

188 100

94 6.8 4.8 7.2

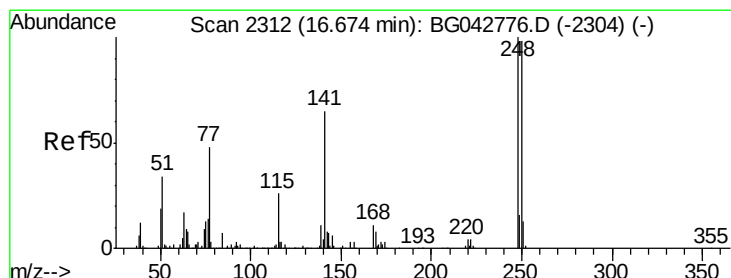
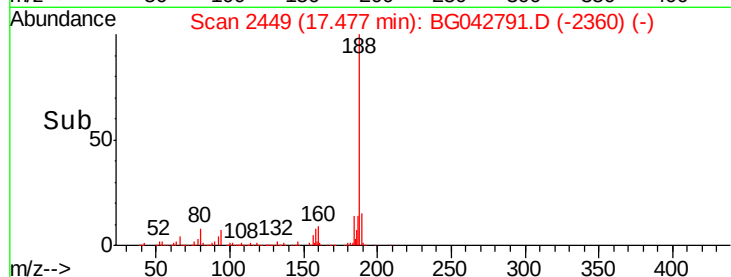
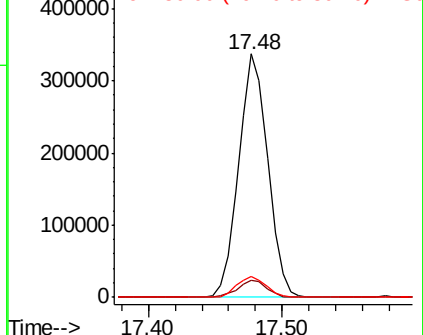
80 8.4 6.6 9.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 3.210 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.45 min

Lab File: BG042791.D

Acq: 12 Sep 2019 20:51

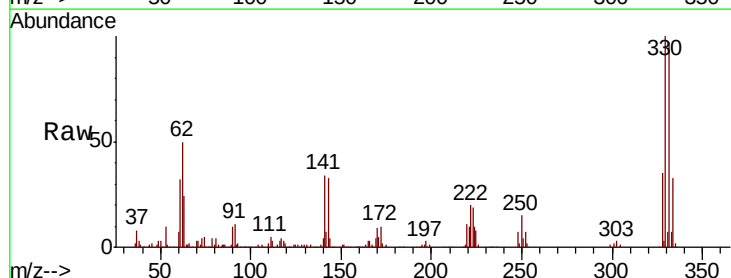
Tgt Ion:248 Resp: 19693

Ion Ratio Lower Upper

248 100

250 219.0 78.0 117.0#

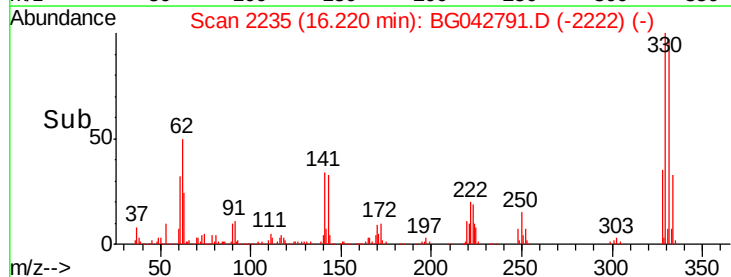
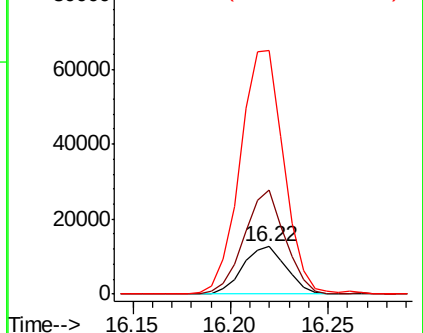
141 514.4 51.8 77.6#

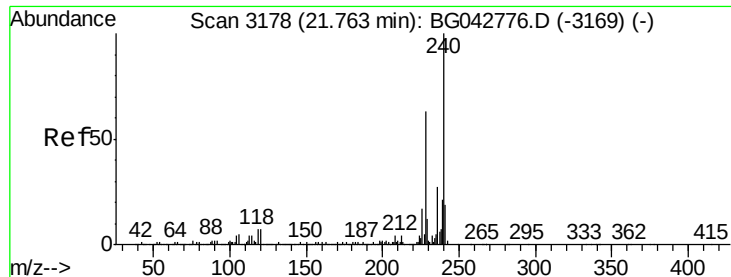


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

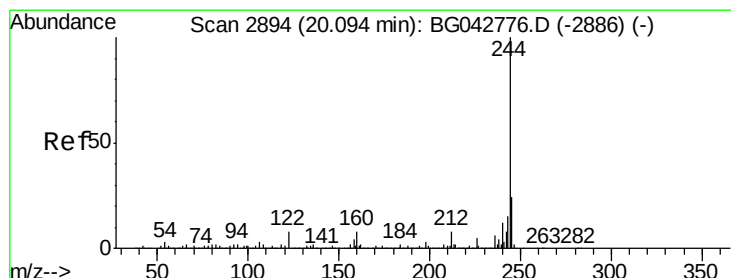
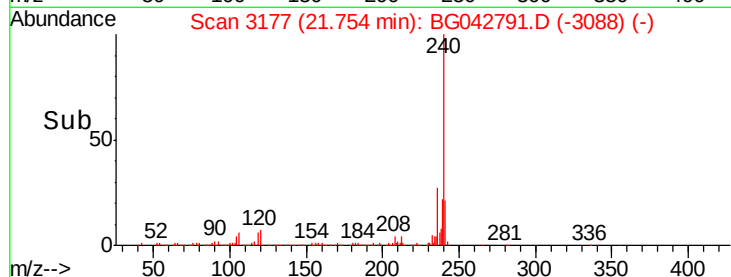
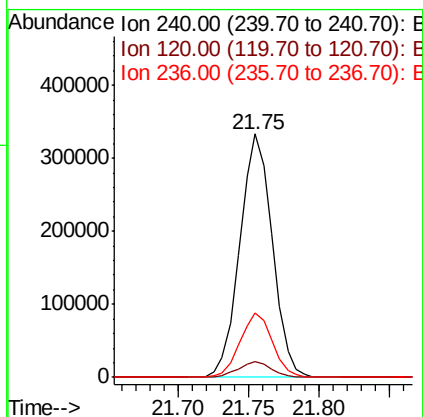
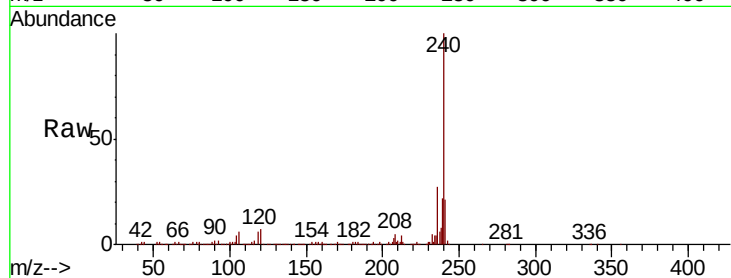




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG042791.D
Acq: 12 Sep 2019 20:51

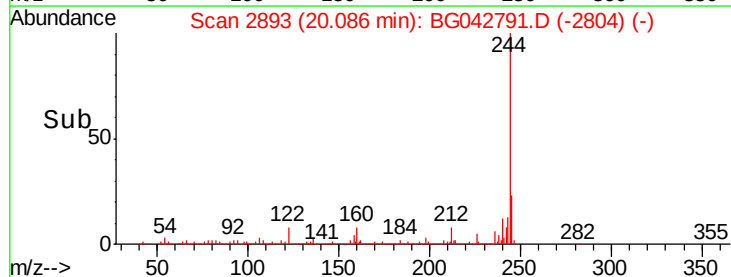
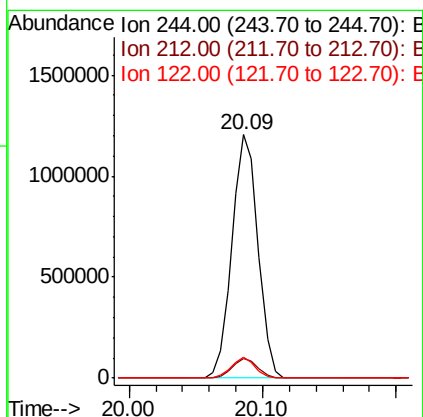
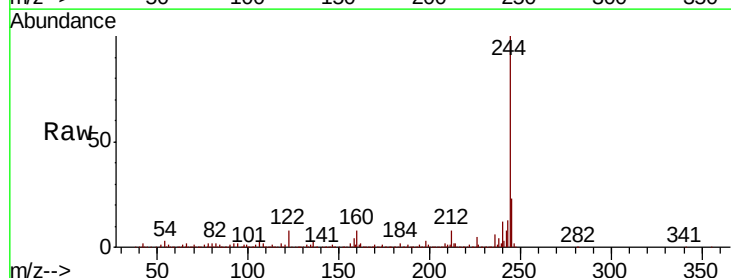
Instrument :
BNA_G
ClientSampleId :

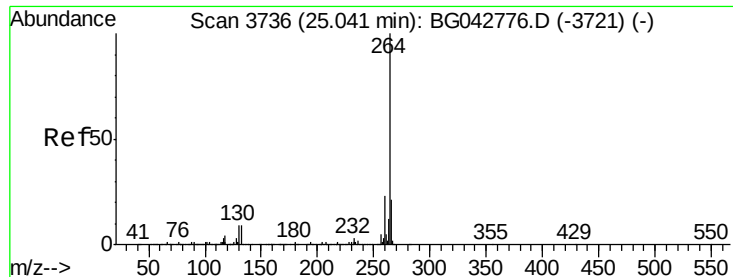
Tot Ion:240 Resp: 536236
Ion Ratio Lower Upper
240 100
120 6.5 5.4 8.2
236 26.7 21.7 32.5



#79
Terphenyl-d14
Concen: 67.454 ng
RT: 20.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: BG042791.D
Acq: 12 Sep 2019 20:51

Tgt Ion:244 Resp: 1632061
Ion Ratio Lower Upper
244 100
212 8.1 6.6 10.0
122 8.4 6.2 9.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3734
Delta R.T. -0.01 min
Lab File: BG042791.D
Acq: 12 Sep 2019 20:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.2
265	21.3	16.9	25.3

