

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042797.D
 Acq On : 13 Sep 2019 00:41
 Operator : HP/JU
 Sample : K4712-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 13 06:42:44 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

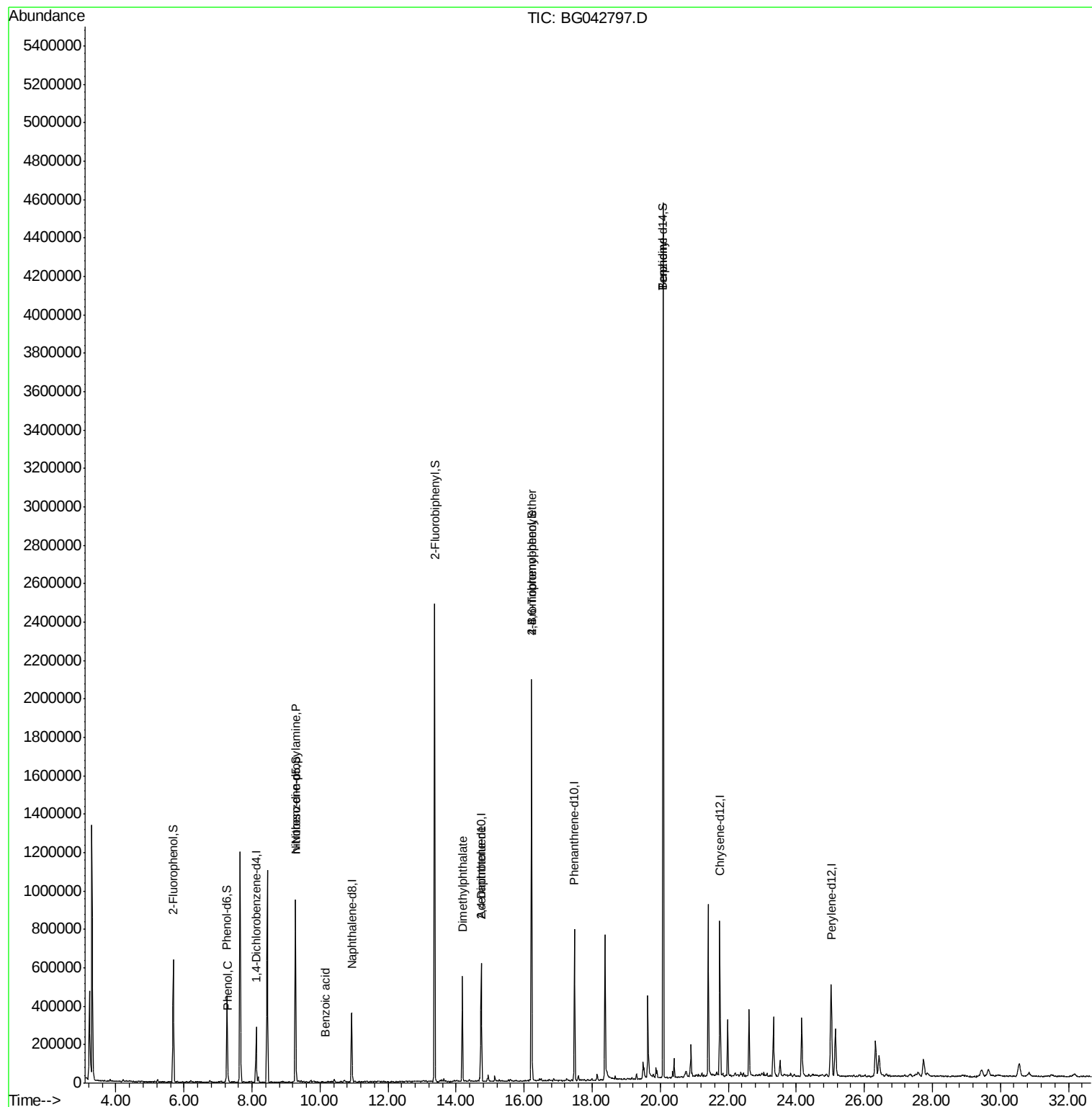
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	80069	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	309820	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	211822	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	491801	20.00	ng	0.00
76) Chrysene-d12	21.75	240	498363	20.00	ng	0.00
87) Perylene-d12	25.03	264	547419	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	257145	55.83	ng	0.00
7) Phenol-d6	7.26	99	241776	36.57	ng	0.00
23) Nitrobenzene-d5	9.27	82	581420	97.70	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	404396	143.50	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1313409	98.15	ng	0.00
79) Terphenyl-d14	20.08	244	2115504	94.08	ng	0.00
Target Compounds						
10) Phenol	7.29	94	23663	3.491	ng	86
19) n-Nitroso-di-n-propylamine	9.27	70	82507	16.938	ng	# 73
32) Benzoic acid	10.15	122	74	5.983	ng	# 1
50) Dimethylphthalate	14.19	163	361449	22.778	ng	98
57) 2,4-Dinitrotoluene	14.74	165	30709	7.076	ng	# 24
67) 4-Bromophenyl-phenylether	16.22	248	28948	4.863	ng	# 1
77) Benzidine	20.08	184	37773	2.713	ng	# 90

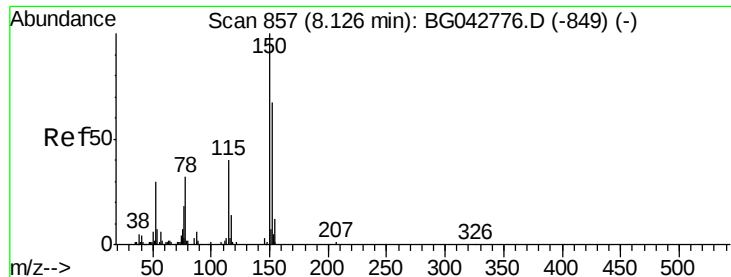
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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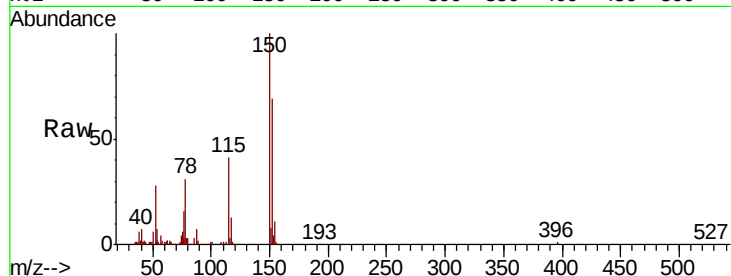


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG042797.D
Acq: 13 Sep 2019 00:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.2	118.9	178.3
115	58.8	47.4	71.2

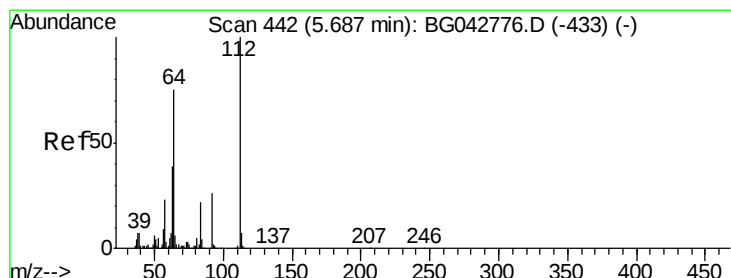
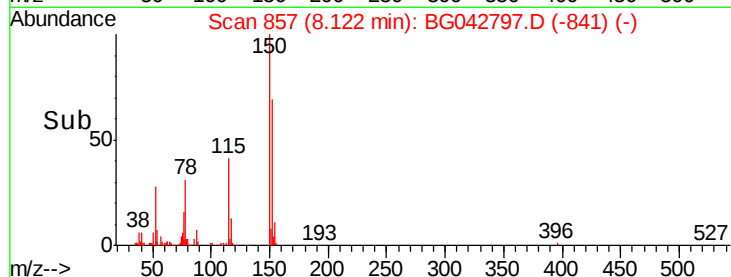
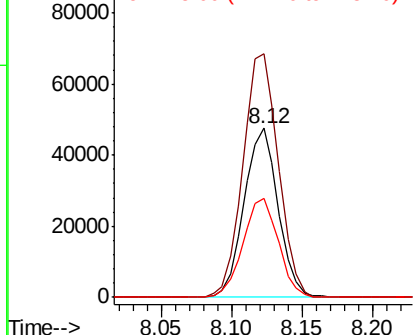


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

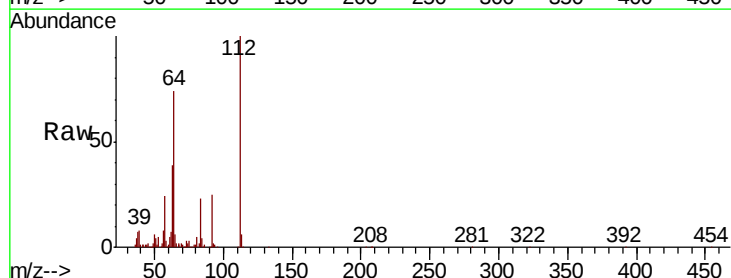
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 55.834 ng
RT: 5.68 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042797.D
Acq: 13 Sep 2019 00:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.4	60.2	90.2
63	39.5	31.2	46.8

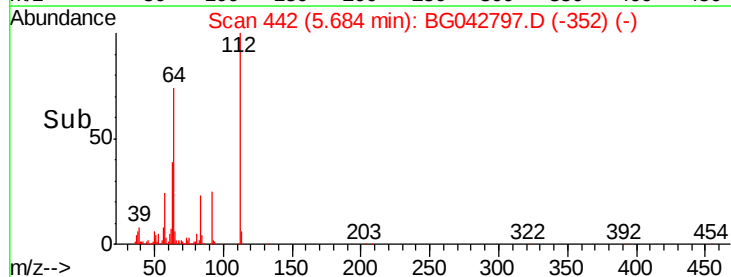
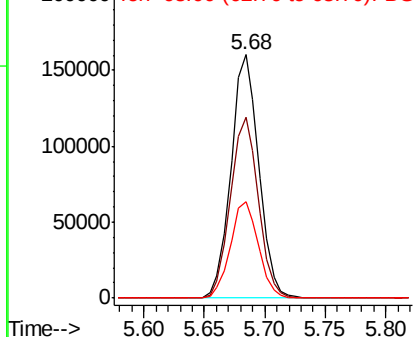


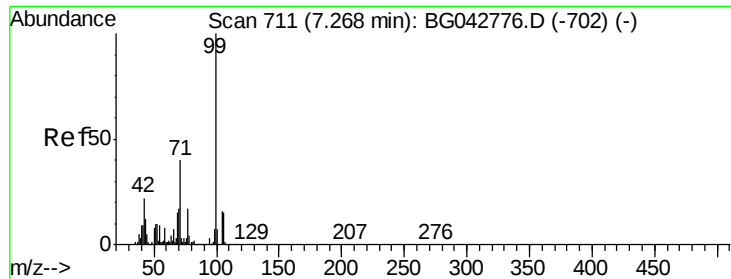
Abundance

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: 36.575 ng

RT: 7.26 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042797.D

Acq: 13 Sep 2019 00:41

Instrument :

BNA_G

ClientSampleId :

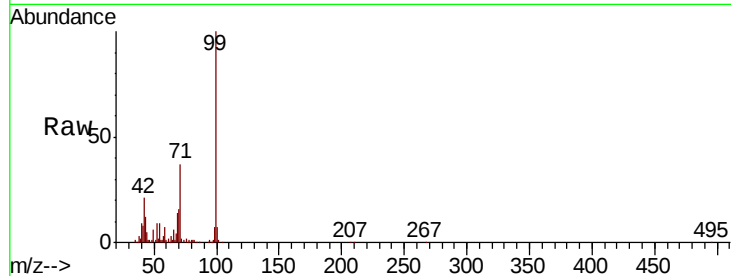
Tot Ion: 99 Resp: 241776

Ion Ratio Lower Upper

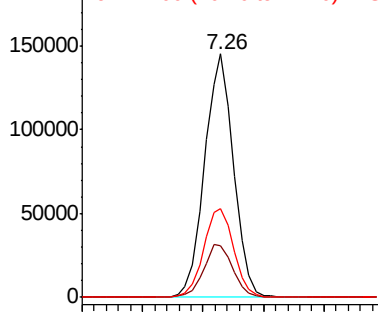
99 100

42 21.1 17.5 26.3

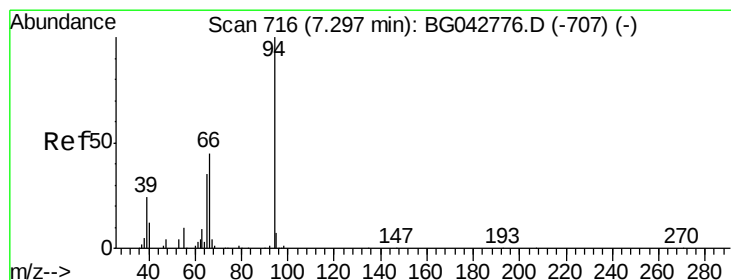
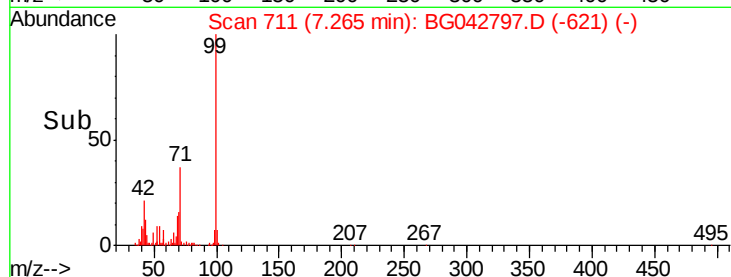
71 36.6 32.0 48.0



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



Time--> 7.15 7.20 7.25 7.30 7.35



#10

Phenol

Concen: 3.491 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG042797.D

Acq: 13 Sep 2019 00:41

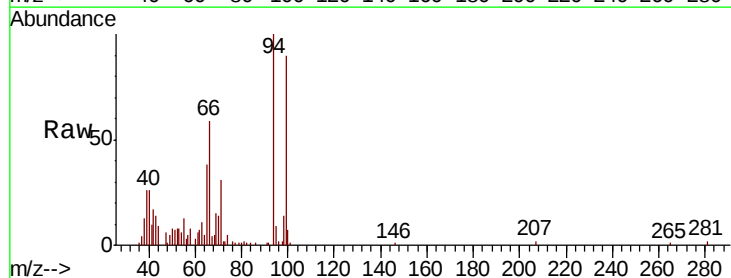
Tgt Ion: 94 Resp: 23663

Ion Ratio Lower Upper

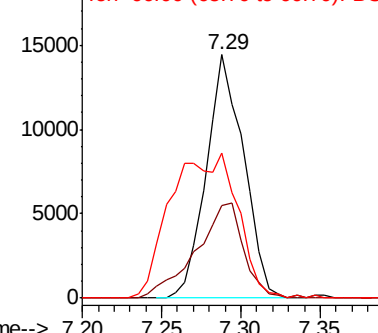
94 100

65 37.8 15.0 55.0

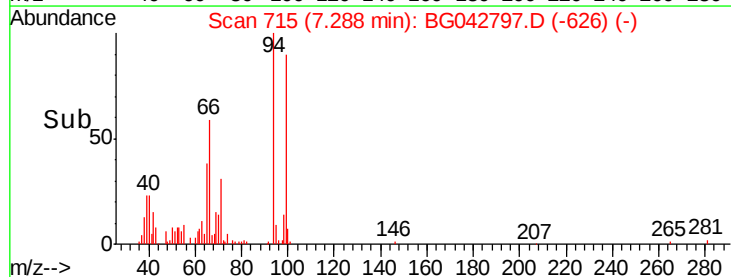
66 59.4 26.1 66.1

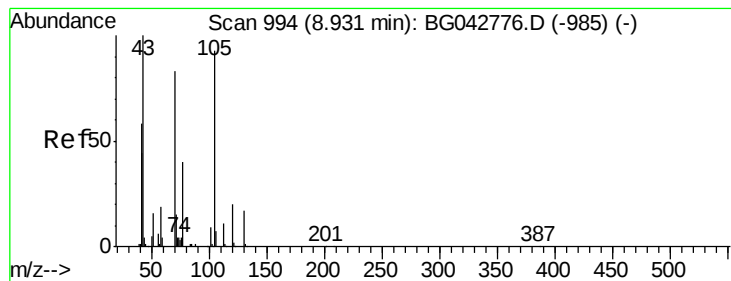


Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



Time--> 7.20 7.25 7.30 7.35





#19

n-Nitroso-di-n-propylamine

Concen: 16.938 ng

RT: 9.27 min Scan# 1053

Delta R.T. 0.34 min

Lab File: BG042797.D

Acq: 13 Sep 2019 00:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 82507

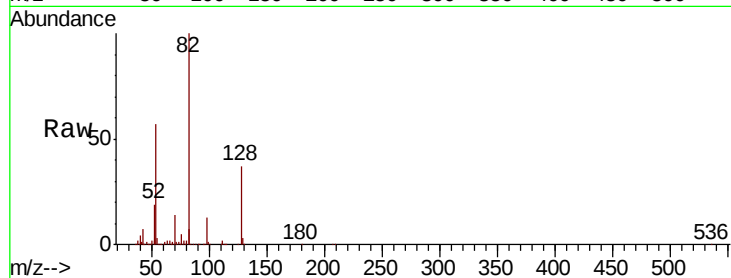
Ion Ratio Lower Upper

70 100

42 51.6 57.0 85.6#

101 0.0 8.4 12.6#

130 1.7 16.1 24.1#

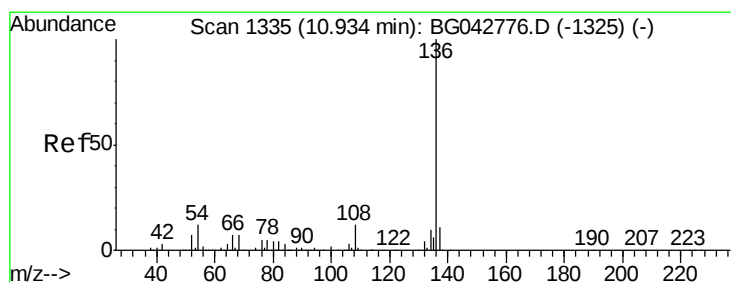
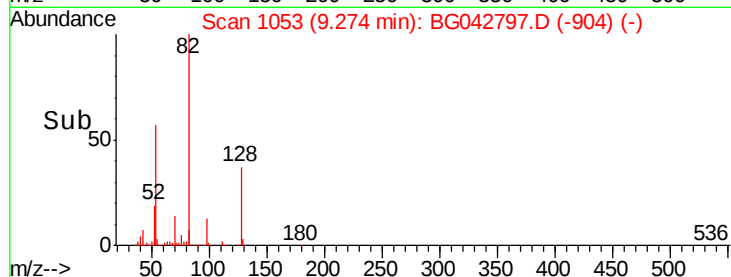
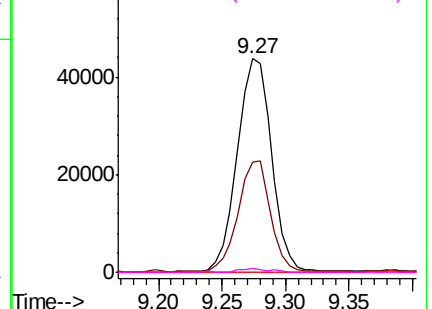


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: BG042797.D

Acq: 13 Sep 2019 00:41

Tgt Ion: 136 Resp: 309820

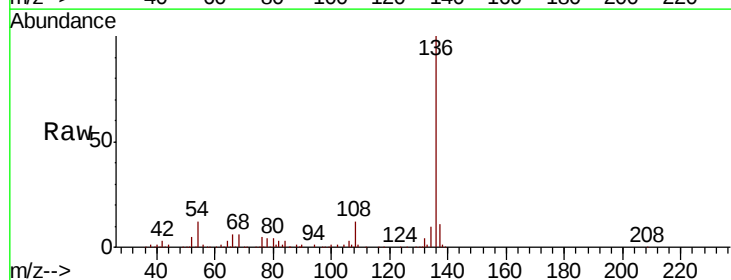
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 11.5 9.4 14.0

68 6.0 5.4 8.2

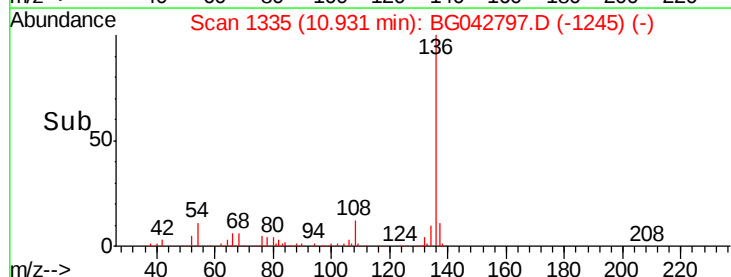
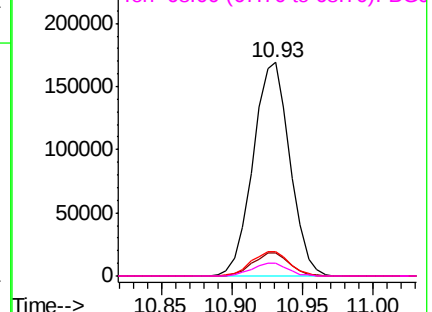


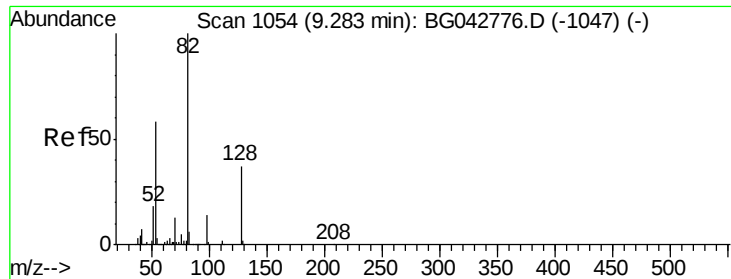
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

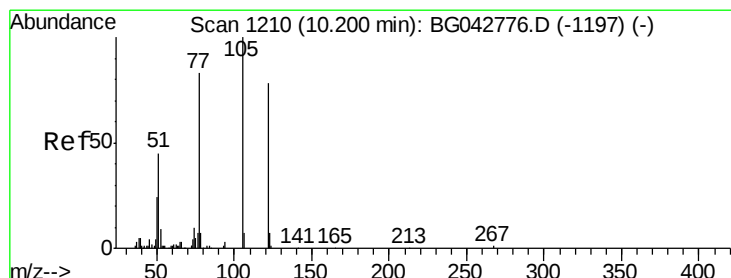
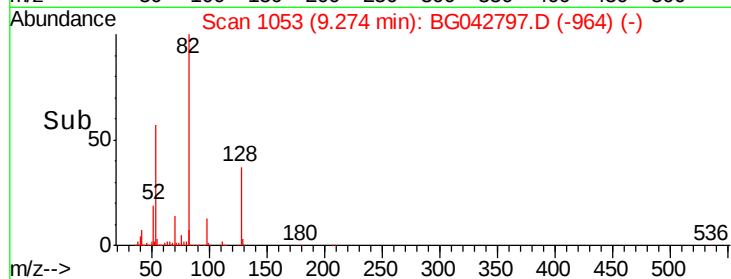
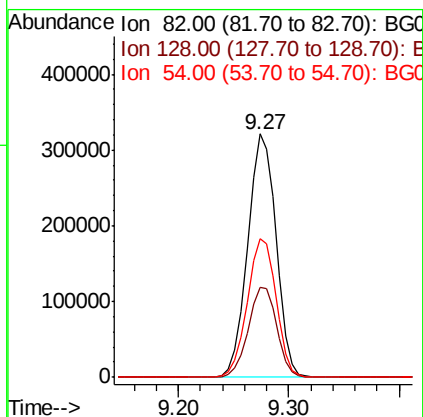
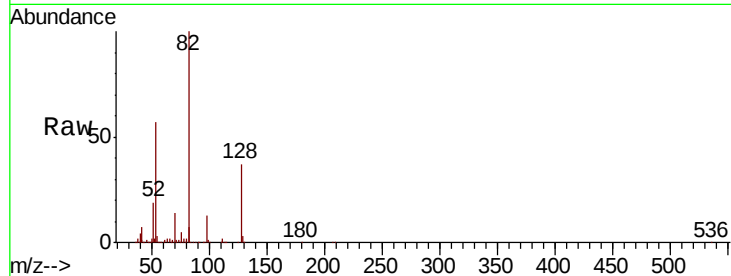




#23
Nitrobenzene-d5
Concen: 97.702 ng
RT: 9.27 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042797.D
Acq: 13 Sep 2019 00:41

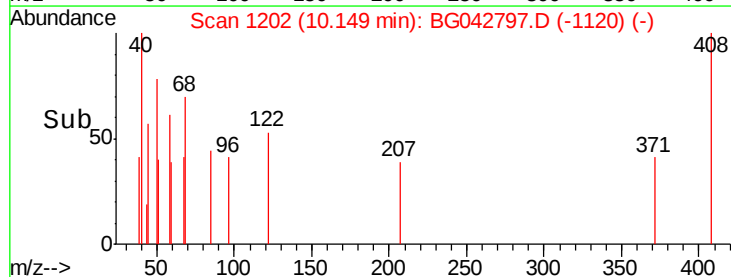
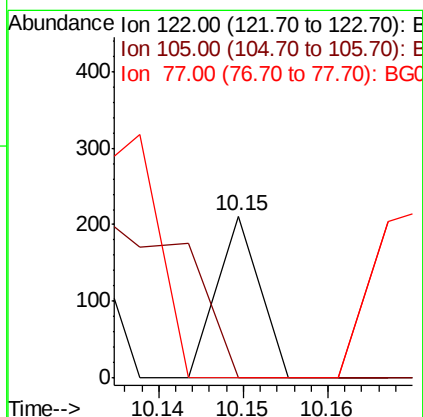
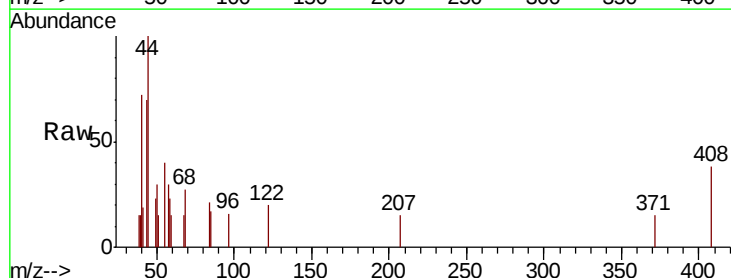
Instrument :
BNA_G
ClientSampleId :

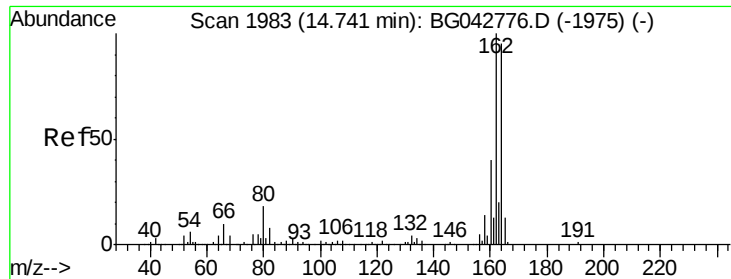
Tot Ion	82	Resp	581420
Ion Ratio	Lower	Upper	
82	100		
128	36.7	29.8	44.8
54	57.1	46.1	69.1



#32
Benzoic acid
Concen: 5.983 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.05 min
Lab File: BG042797.D
Acq: 13 Sep 2019 00:41

Tgt Ion	122	Resp	74
Ion Ratio	Lower	Upper	
122	100		
105	0.0	104.0	144.0#
77	0.0	84.2	124.2#

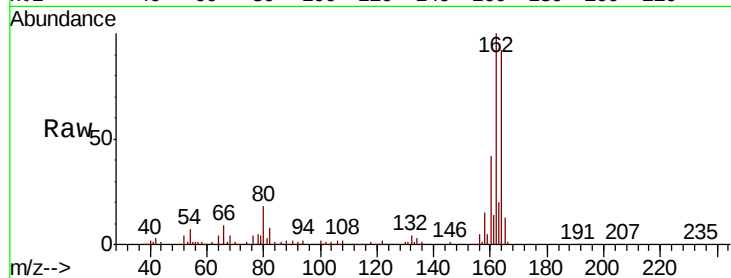




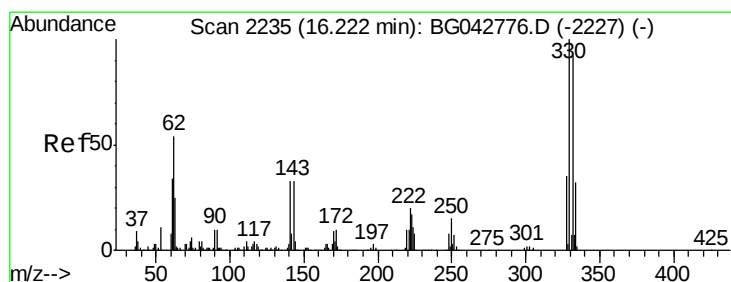
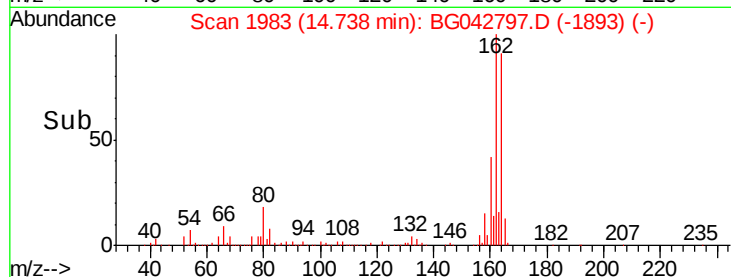
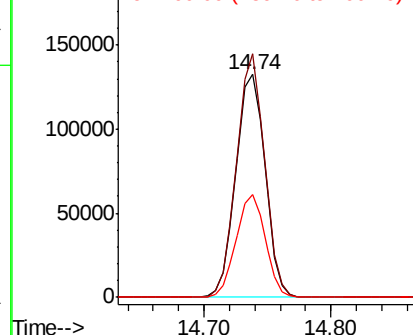
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG042797.D
Acq: 13 Sep 2019 00:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 211822
Ion Ratio Lower Upper
164 100
162 109.3 84.6 126.8
160 46.4 34.2 51.2

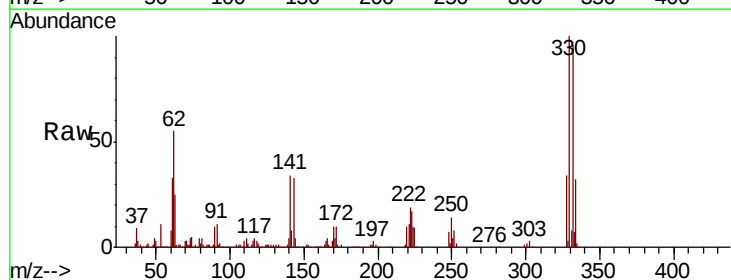


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

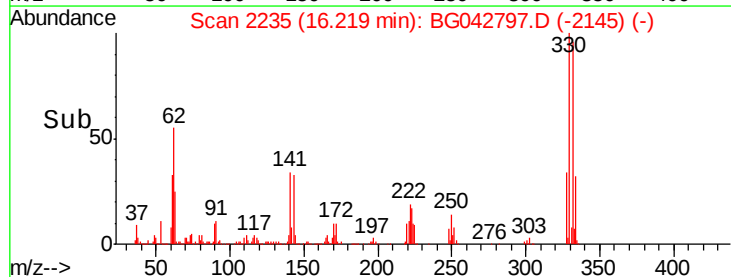
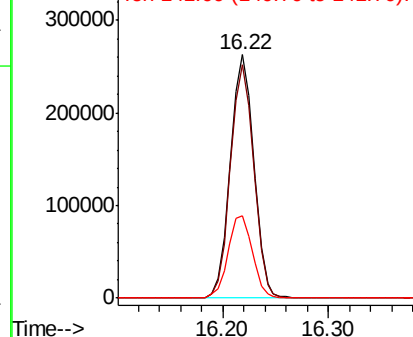


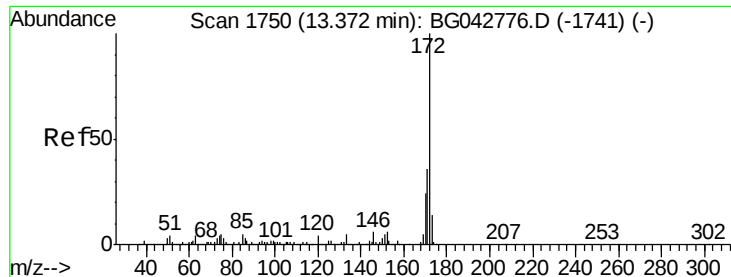
#42
2,4,6-Tribromophenol
Concen: 143.498 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BG042797.D
Acq: 13 Sep 2019 00:41

Tgt Ion:330 Resp: 404396
Ion Ratio Lower Upper
330 100
332 95.2 76.7 115.1
141 35.3 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

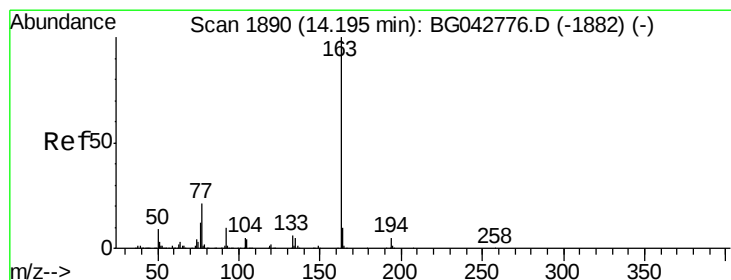
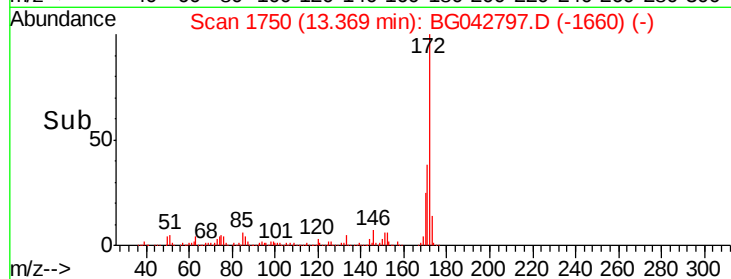
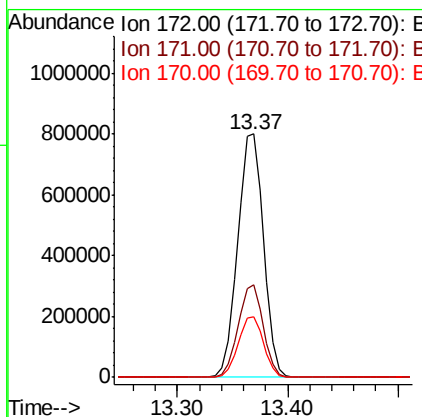
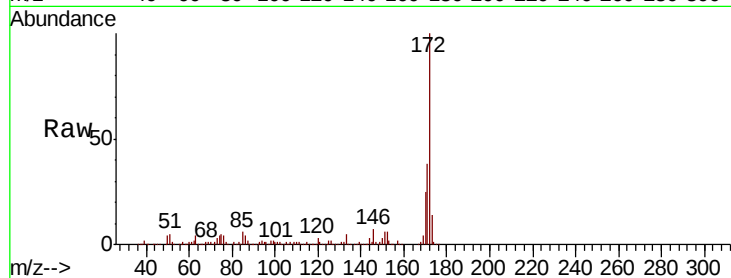




#45
2-Fluorobiphenyl
Concen: 98.150 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.00 min
Lab File: BG042797.D
Acq: 13 Sep 2019 00:41

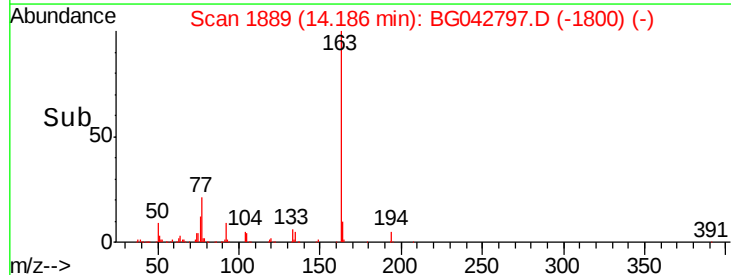
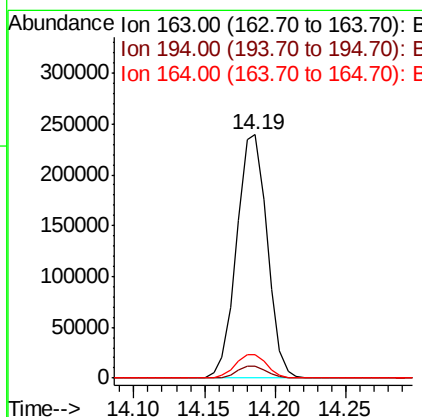
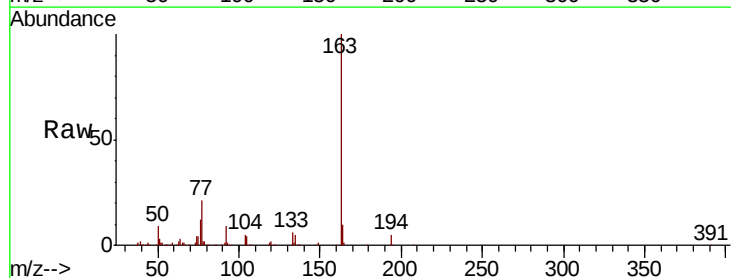
Instrument :
BNA_G
ClientSampleId :

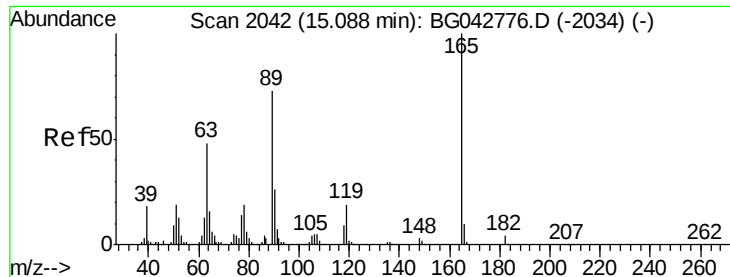
Tot Ion:172 Resp: 1313409
Ion Ratio Lower Upper
172 100
171 38.2 28.9 43.3
170 24.8 19.1 28.7



#50
Dimethylphthalate
Concen: 22.778 ng
RT: 14.19 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG042797.D
Acq: 13 Sep 2019 00:41

Tgt Ion:163 Resp: 361449
Ion Ratio Lower Upper
163 100
194 5.0 4.2 6.4
164 9.6 8.4 12.6

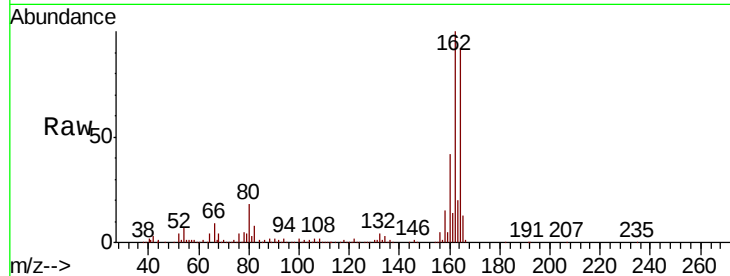




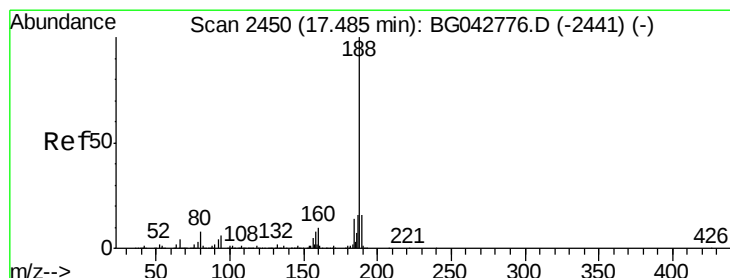
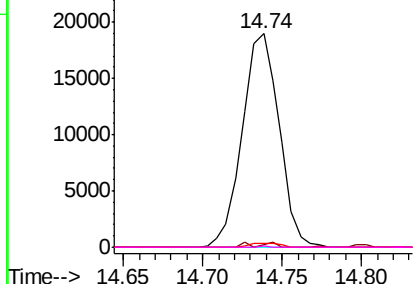
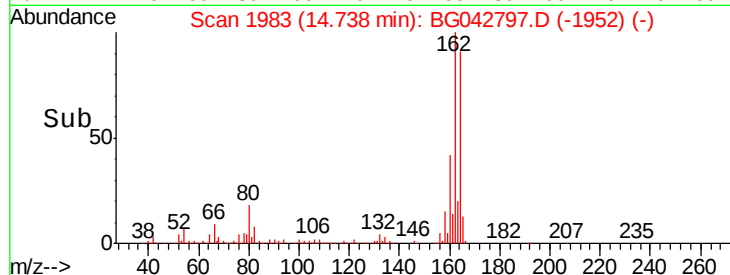
#57
 2,4-Dinitrotoluene
 Concen: 7.076 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.35 min
 Lab File: BG042797.D
 Acq: 13 Sep 2019 00:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	30709
Ion Ratio	Lower	Upper
165	100	
63	1.4	38.3 57.5#
89	1.9	58.4 87.6#
182	0.9	2.9 4.3#

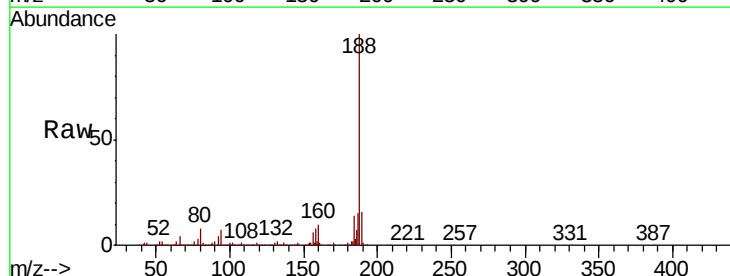


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

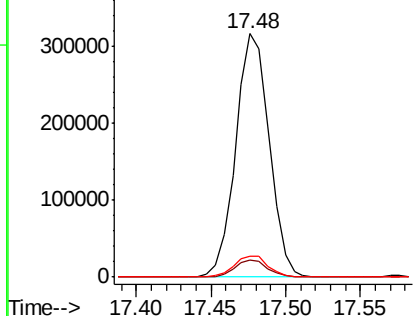
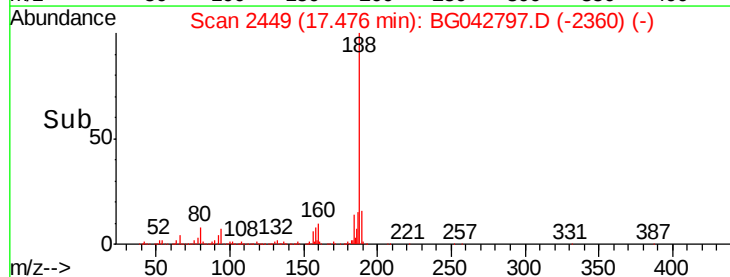


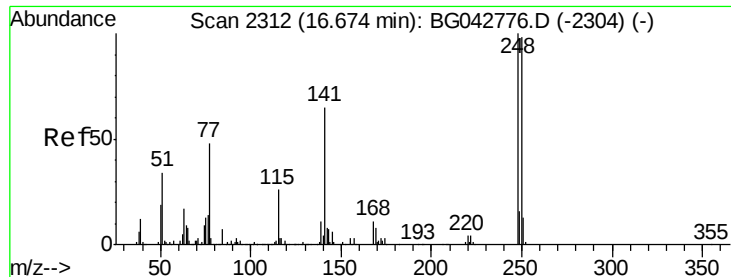
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG042797.D
 Acq: 13 Sep 2019 00:41

Tgt Ion:188	Resp:	491801
Ion Ratio	Lower	Upper
188	100	
94	6.9	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): BGC
 Ion 80.00 (79.70 to 80.70): BGC

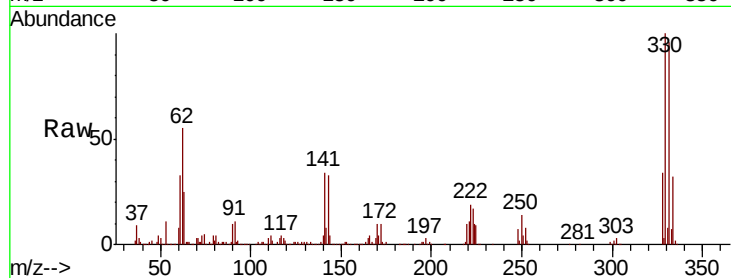




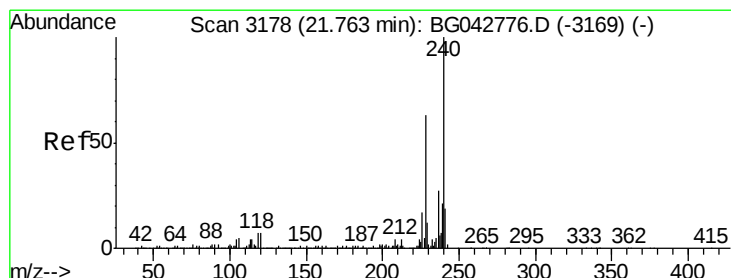
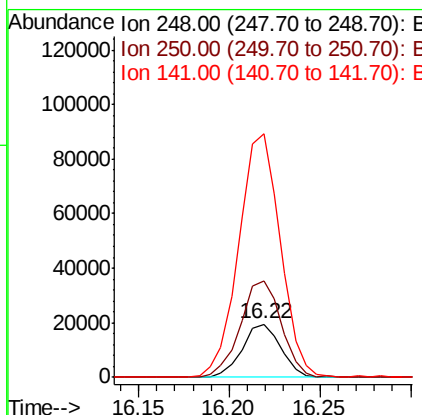
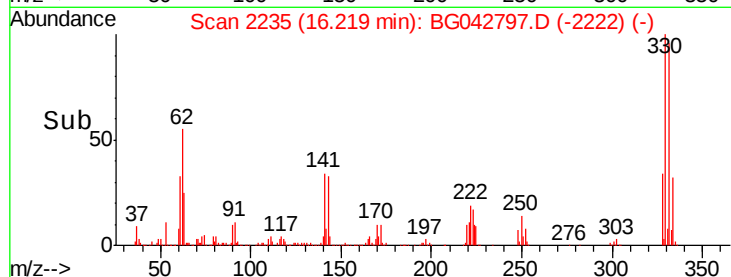
#67
 4-Bromophenyl-phenylether
 Concen: 4.863 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.46 min
 Lab File: BG042797.D
 Acq: 13 Sep 2019 00:41

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:248 Resp: 28948
 Ion Ratio Lower Upper
 248 100
 250 183.0 78.0 117.0#
 141 459.6 51.8 77.6#

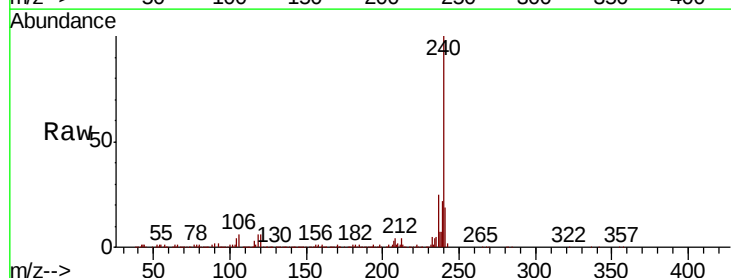


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

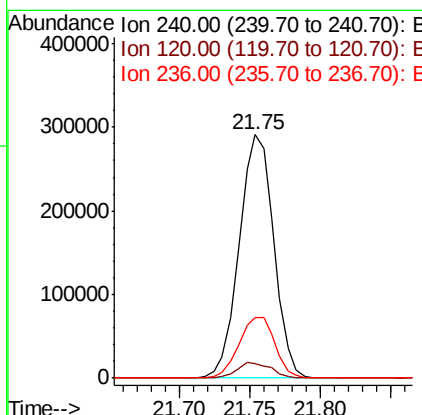
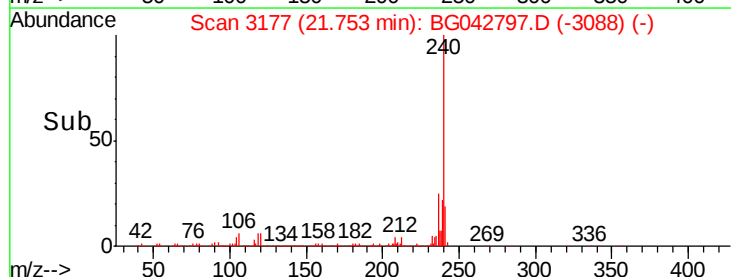


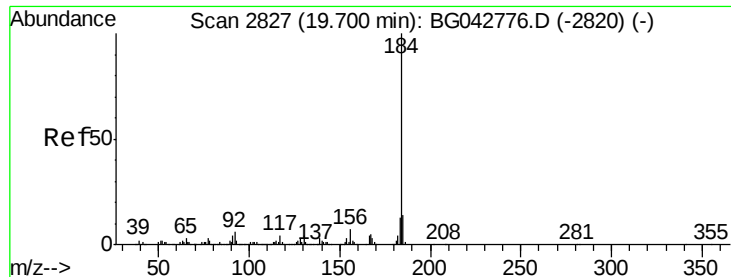
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3177
 Delta R.T. -0.01 min
 Lab File: BG042797.D
 Acq: 13 Sep 2019 00:41

Tgt Ion:240 Resp: 498363
 Ion Ratio Lower Upper
 240 100
 120 6.1 5.4 8.2
 236 24.9 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: 2.713 ng

RT: 20.08 min Scan# 2893

Delta R.T. 0.38 min

Lab File: BG042797.D

Acq: 13 Sep 2019 00:41

Instrument :

BNA_G

ClientSampleId :

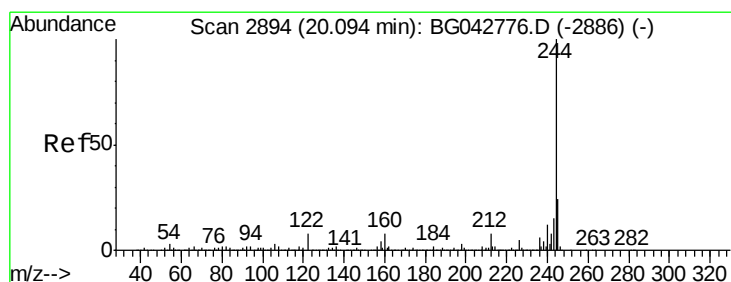
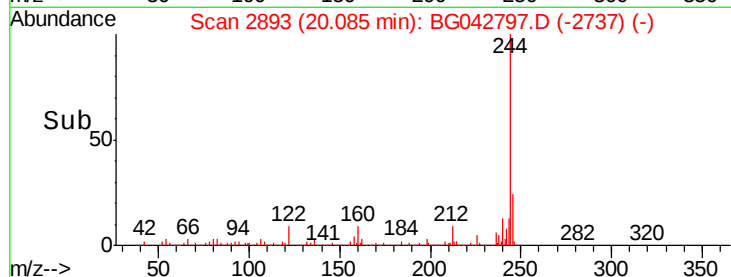
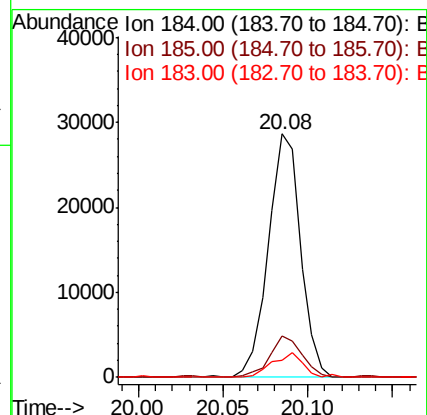
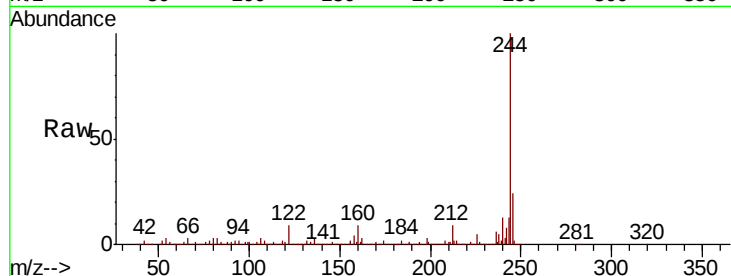
Tot Ion:184 Resp: 37773

Ion Ratio Lower Upper

184 100

185 16.9 11.6 17.4

183 7.1 10.4 15.6#



#79

Terphenyl-d14

Concen: 94.079 ng

RT: 20.08 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042797.D

Acq: 13 Sep 2019 00:41

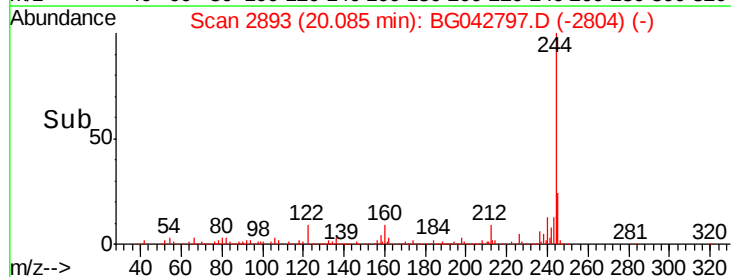
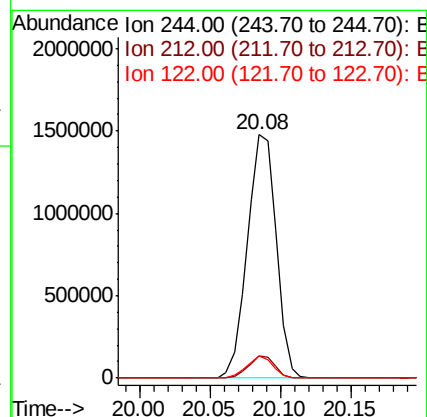
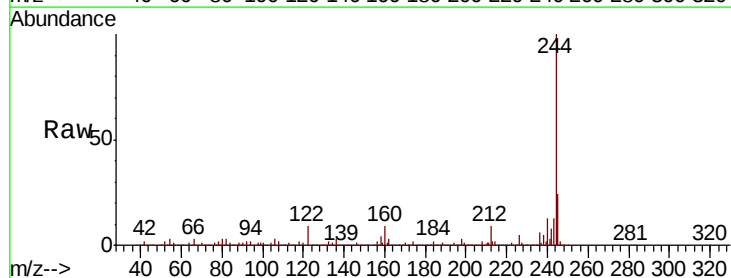
Tgt Ion:244 Resp: 2115504

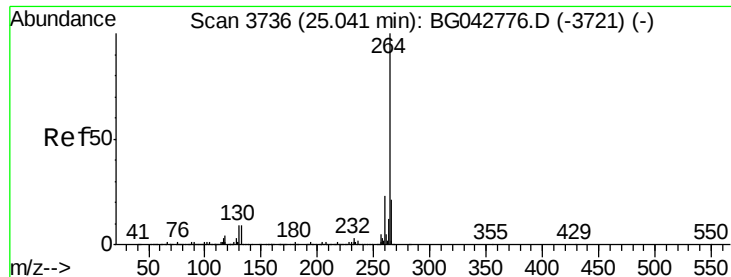
Ion Ratio Lower Upper

244 100

212 9.0 6.6 10.0

122 9.3 6.2 9.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.03 min Scan# 3734
 Delta R.T. -0.02 min
 Lab File: BG042797.D
 Acq: 13 Sep 2019 00:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.2	27.2
265	20.8	16.9	25.3

