

Data File : BG043899.D
Acq On : 3 Jan 2020 22:32
Operator : JU
Sample : K6449-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 04 04:43:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	128780	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	565187	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	380466	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	859946	20.00	ng	0.00
76) Chrysene-d12	21.58	240	725553	20.00	ng	0.00
87) Perylene-d12	24.71	264	819041	20.00	ng	-0.01

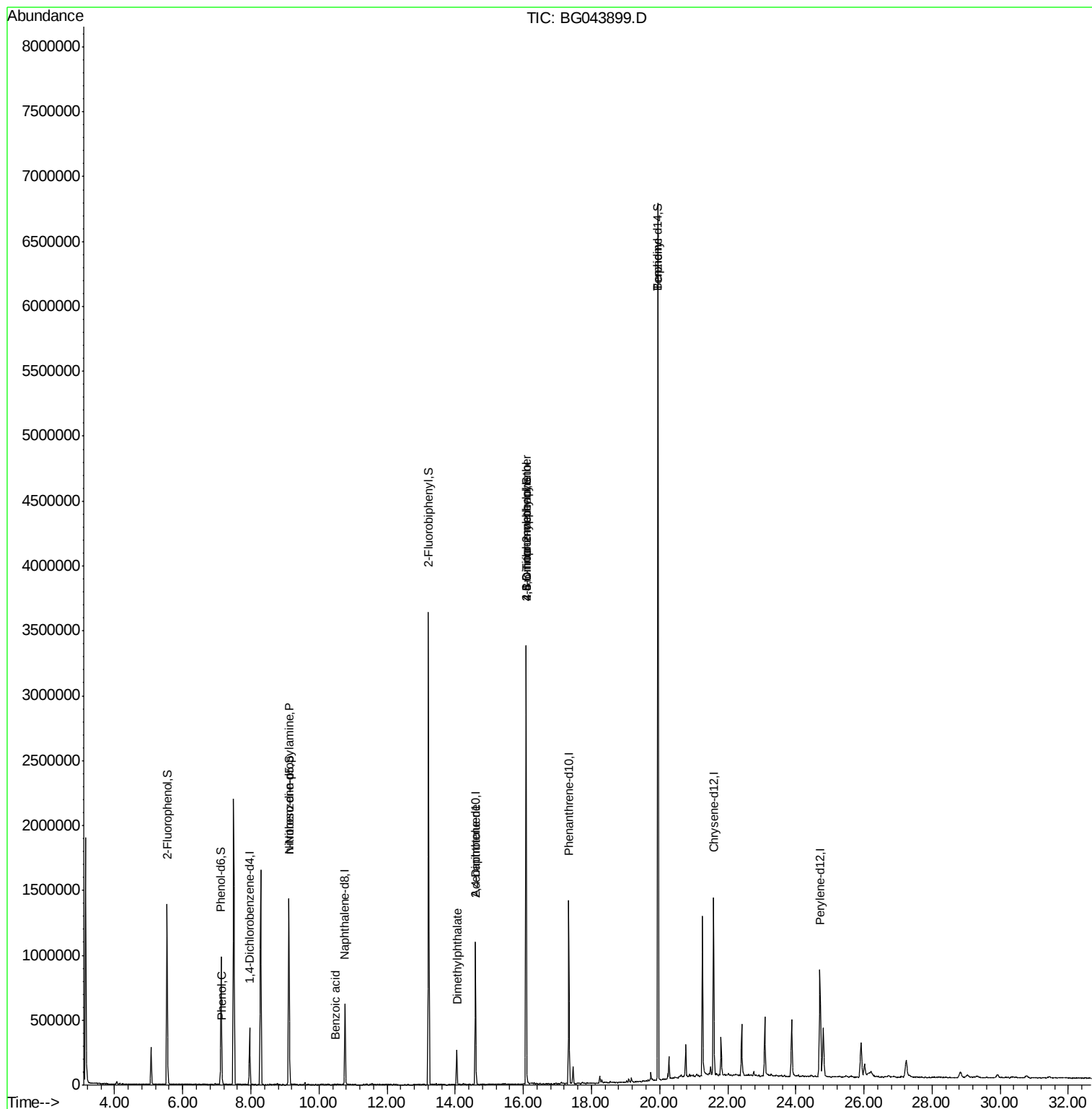
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	624854	89.09	ng	0.00
7) Phenol-d6	7.12	99	599247	61.12	ng	0.00
23) Nitrobenzene-d5	9.12	82	872535	82.59	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	582183	146.22	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1883372	89.69	ng	0.00
79) Terphenyl-d14	19.95	244	2734620	93.16	ng	0.00

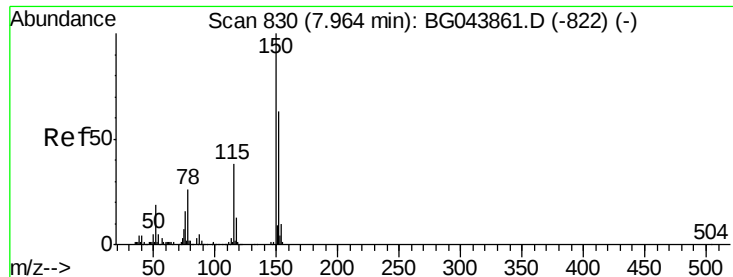
Target Compounds				Qvalue		
10) Phenol	7.15	94	27667	2.739	ng	98
19) n-Nitroso-di-n-propylamine	9.12	70	116183	15.913	ng	# 80
32) Benzoic acid	10.48	122	68	6.272	ng	# 1
50) Dimethylphthalate	14.05	163	186494	6.903	ng	# 96
57) 2,4-Dinitrotoluene	14.59	165	50271	6.051	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.08	198	1973	4.794	ng	# 1
67) 4-Bromophenyl-phenylether	16.08	248	42864	4.432	ng	# 1
77) Benzidine	19.95	184	60755	3.331	ng	# 94

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

Data File : BG043899.D
Acq On : 3 Jan 2020 22:32
Operator : JU
Sample : K6449-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 04 04:43:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

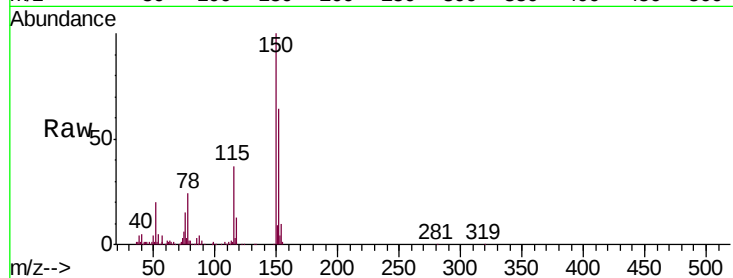




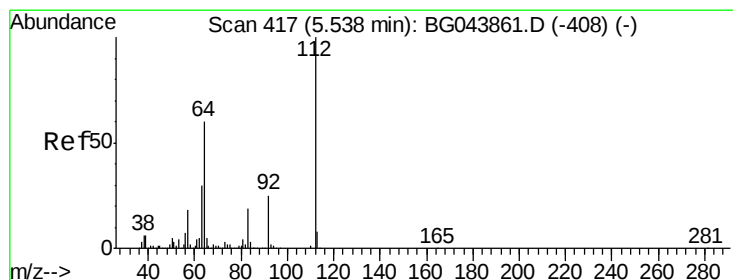
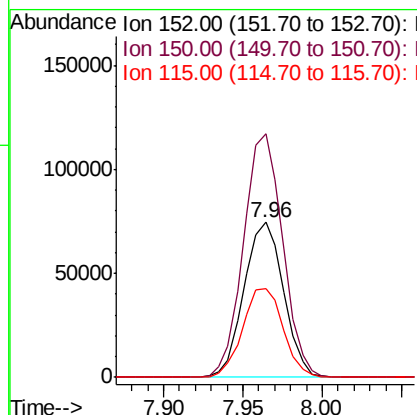
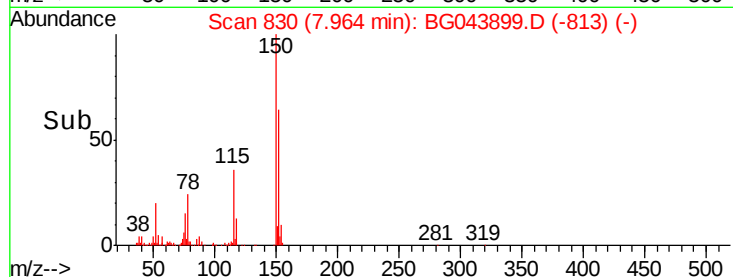
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG043899.D
Acq: 3 Jan 2020 22:32

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.0	127.0	190.4
115	57.5	47.8	71.8



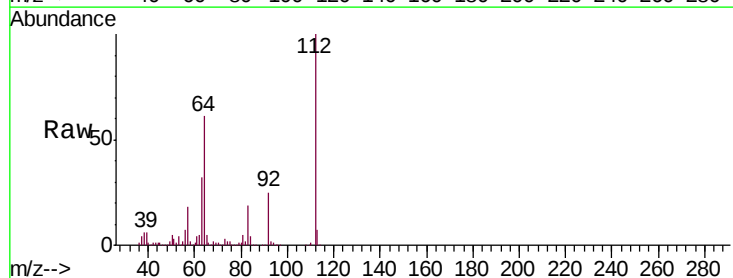
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



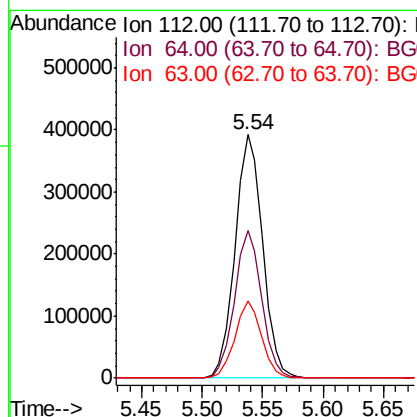
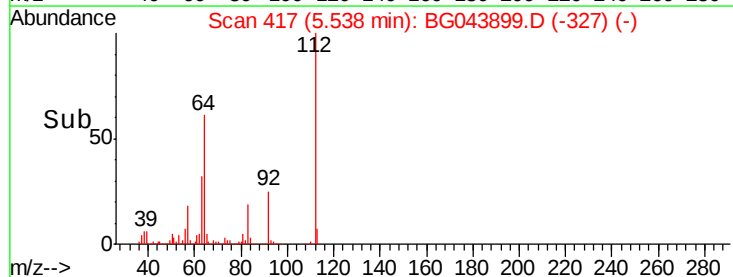
#5

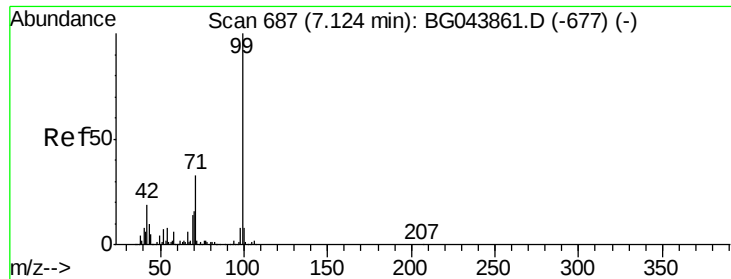
2-Fluorophenol
Concen: 89.090 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG043899.D
Acq: 3 Jan 2020 22:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.8	71.6
63	31.5	24.3	36.5



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: 61.123 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG043899.D

Acq: 3 Jan 2020 22:32

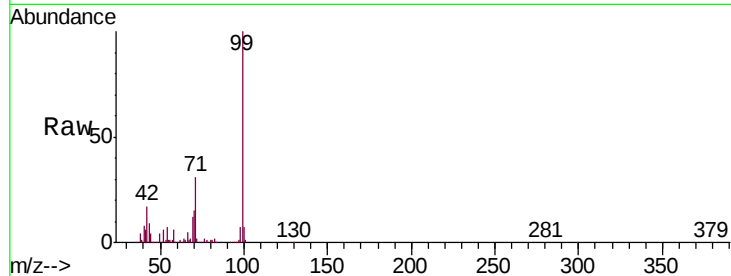
Tgt Ion: 99 Resp: 599247

Ion Ratio Lower Upper

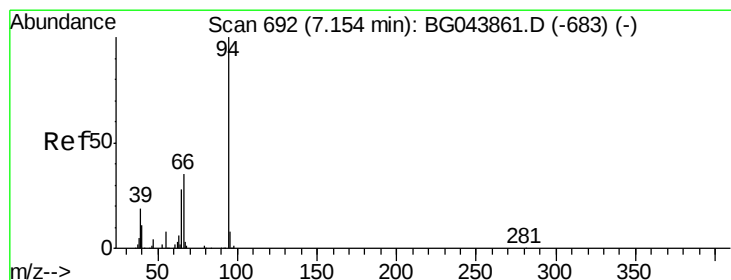
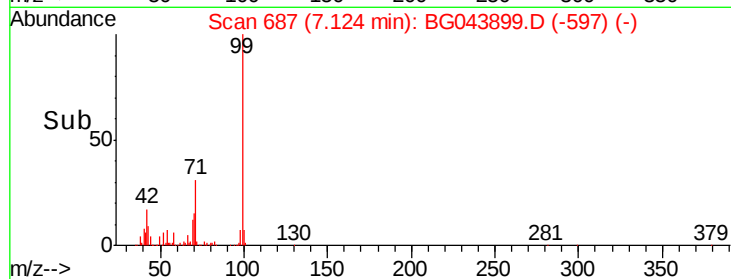
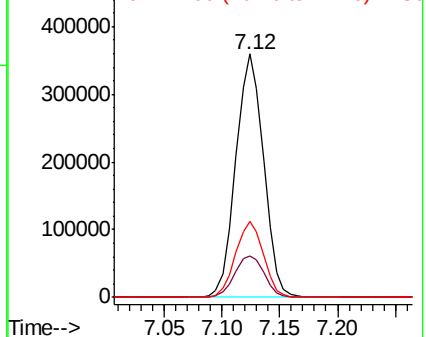
99 100

42 17.0 14.9 22.3

71 31.0 26.4 39.6



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: 2.739 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG043899.D

Acq: 3 Jan 2020 22:32

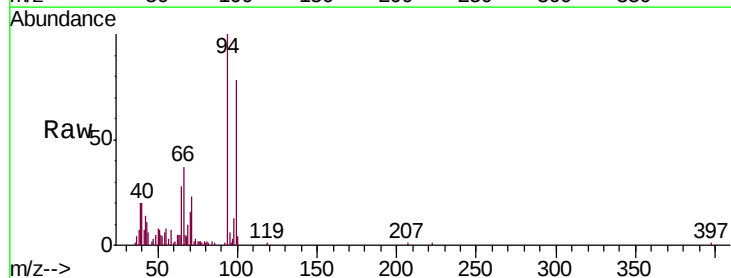
Tgt Ion: 94 Resp: 27667

Ion Ratio Lower Upper

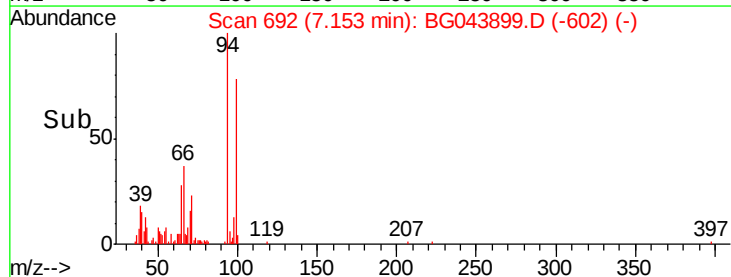
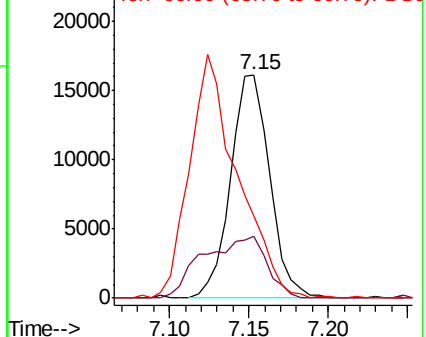
94 100

65 27.5 8.1 48.1

66 37.1 15.6 55.6



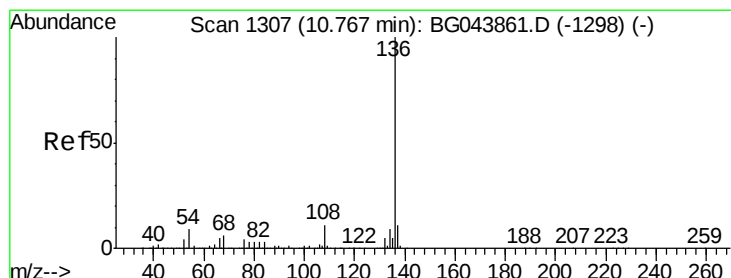
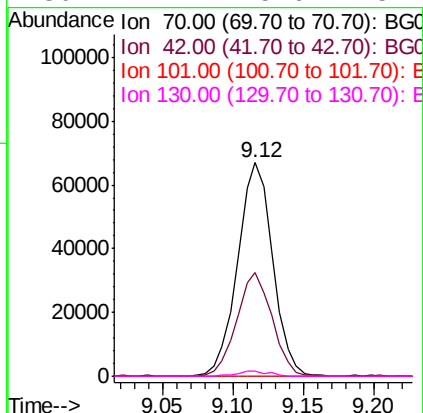
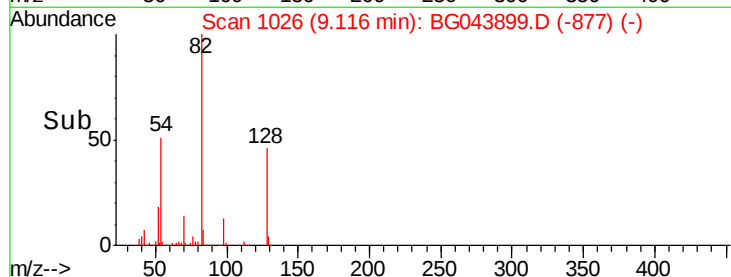
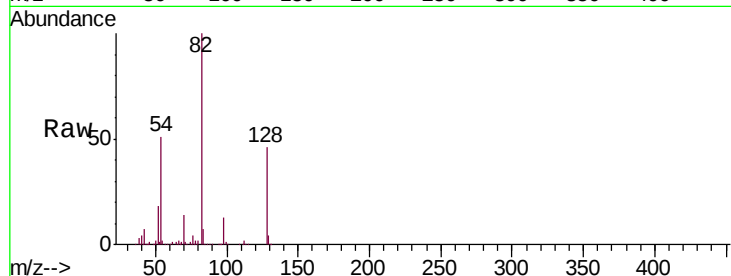
Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





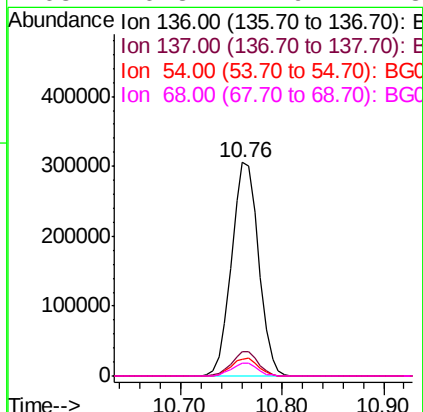
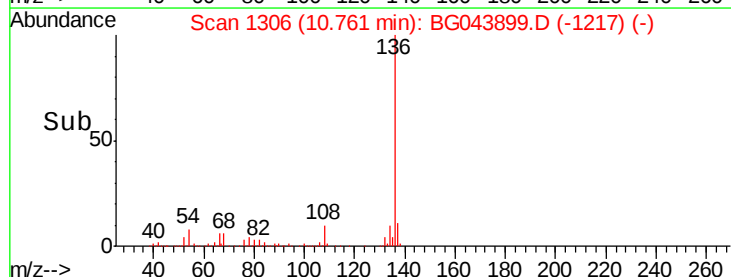
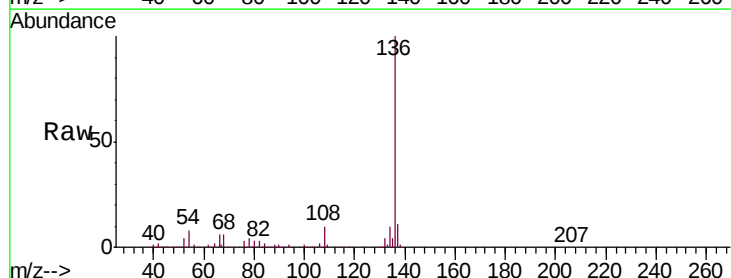
#19
n-Nitroso-di-n-propylamine
Concen: 15.913 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.35 min
Lab File: BG043899.D
Acq: 3 Jan 2020 22:32

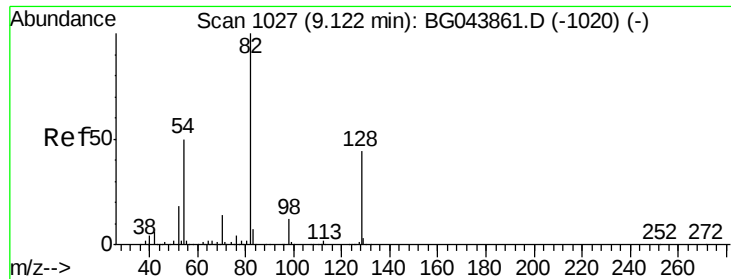
Tgt Ion:	70	Resp:	116183
Ion	Ratio	Lower	Upper
70	100		
42	48.6	47.0	70.4
101	0.0	7.2	10.8#
130	2.1	15.6	23.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG043899.D
Acq: 3 Jan 2020 22:32

Tgt Ion:	136	Resp:	565187
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.1	7.0	10.4
68	6.3	4.9	7.3





#23

Nitrobenzene-d5

Concen: 82.587 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BG043899.D

Acq: 3 Jan 2020 22:32

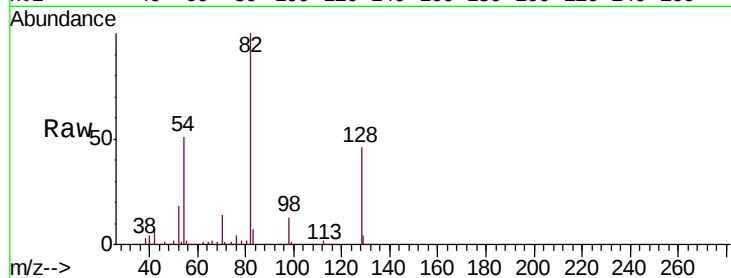
Tgt Ion: 82 Resp: 872535

Ion Ratio Lower Upper

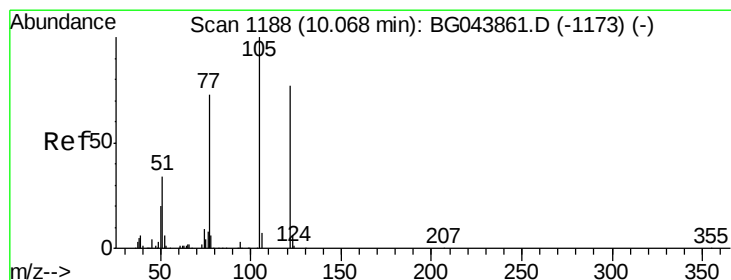
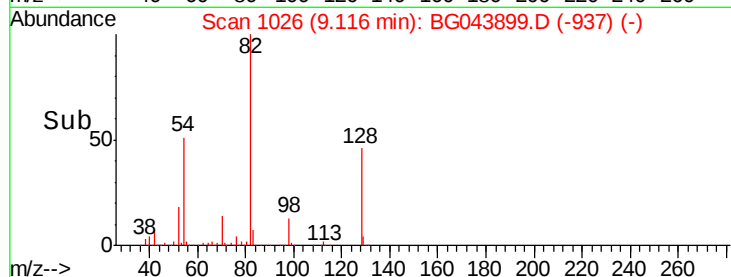
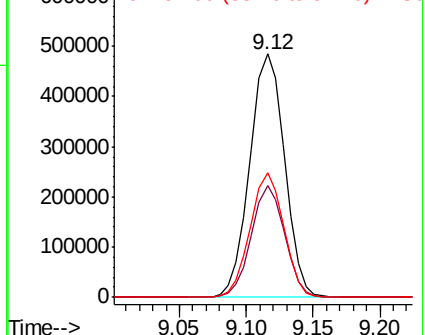
82 100

128 46.2 35.1 52.7

54 51.0 40.1 60.1



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: 6.272 ng

RT: 10.48 min Scan# 1258

Delta R.T. 0.41 min

Lab File: BG043899.D

Acq: 3 Jan 2020 22:32

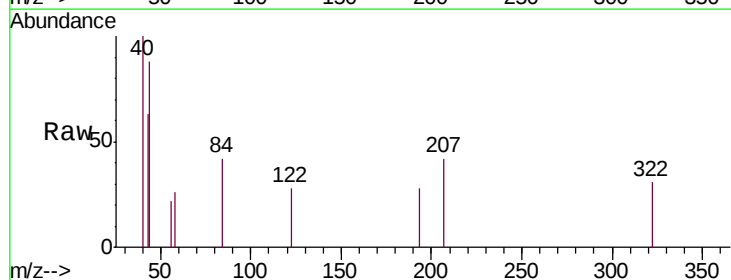
Tgt Ion: 122 Resp: 68

Ion Ratio Lower Upper

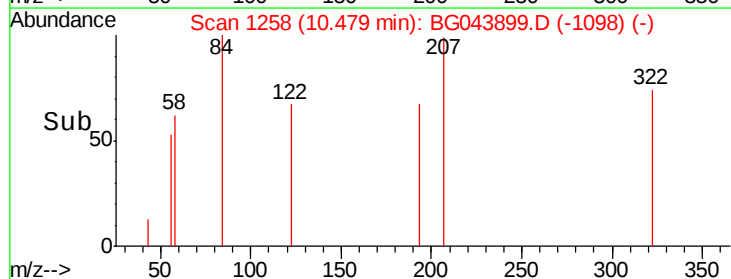
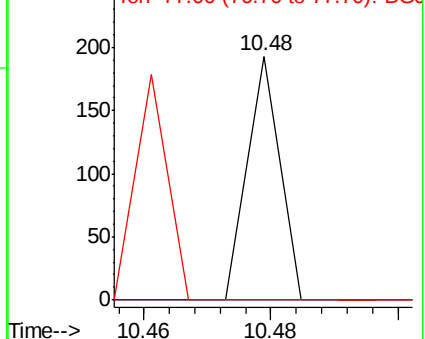
122 100

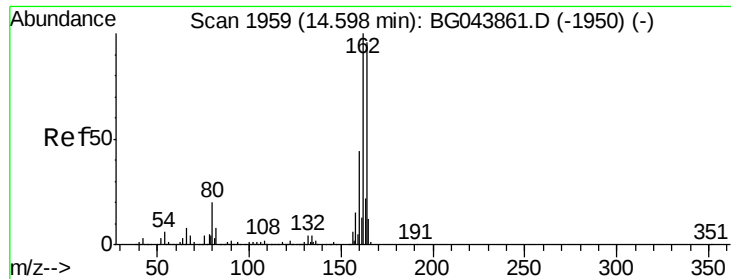
105 0.0 106.4 146.4#

77 0.0 74.6 114.6#



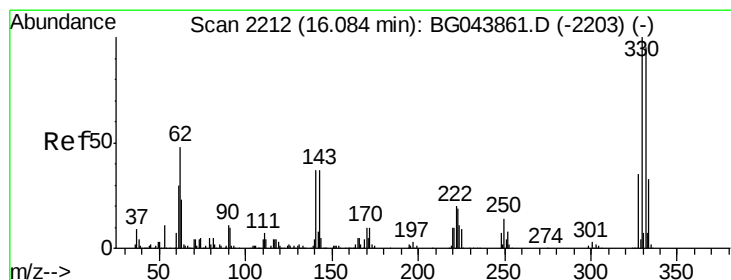
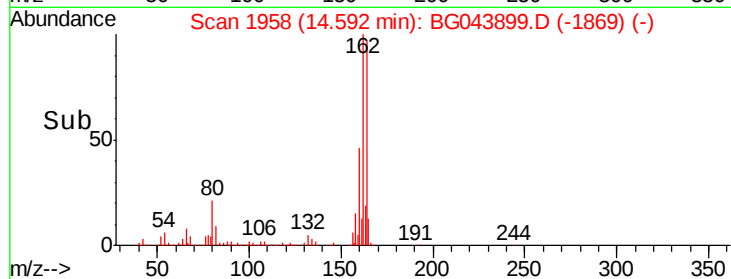
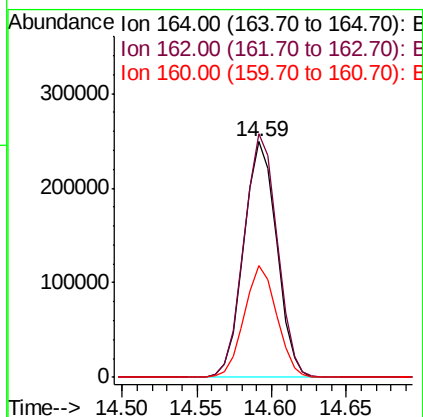
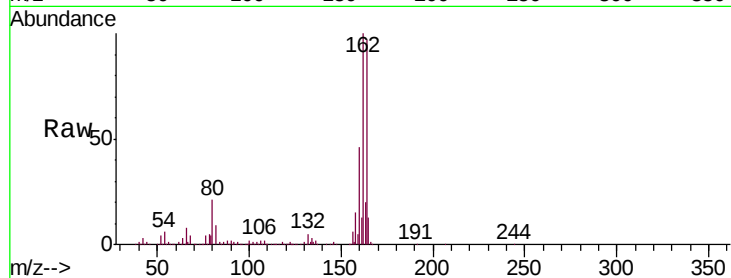
Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





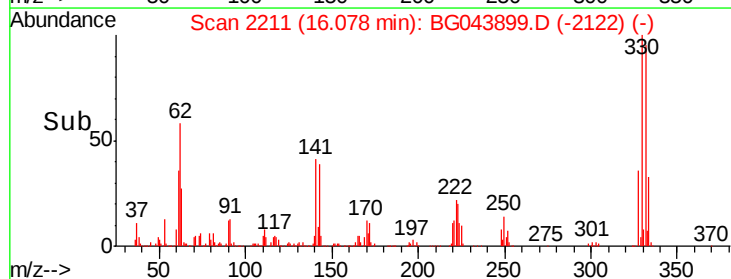
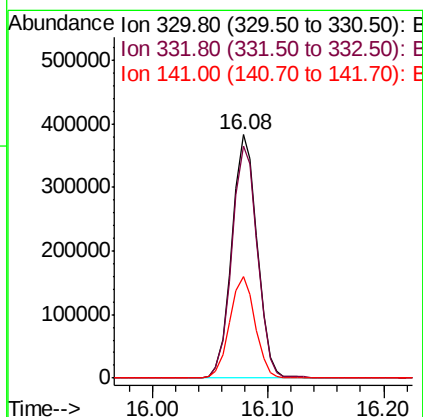
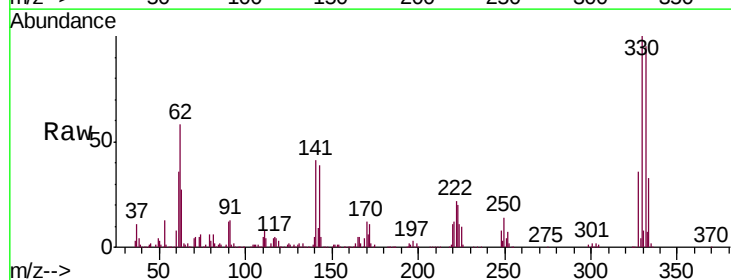
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG043899.D
Acq: 3 Jan 2020 22:32

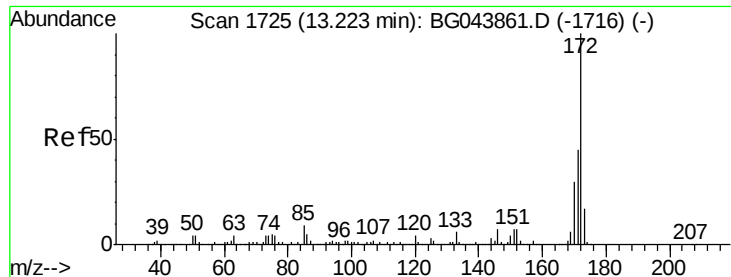
Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.3	380466	83.0	124.4
160	47.2		36.1	54.1



#42
2,4,6-Tribromophenol
Concen: 146.222 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BG043899.D
Acq: 3 Jan 2020 22:32

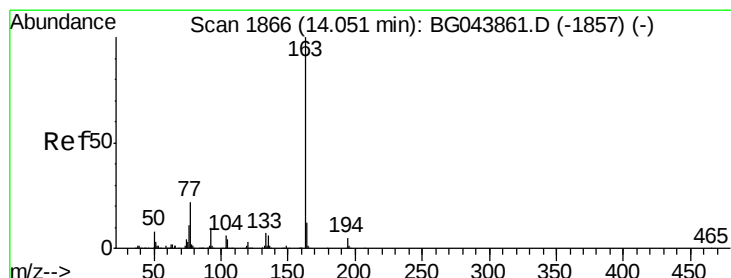
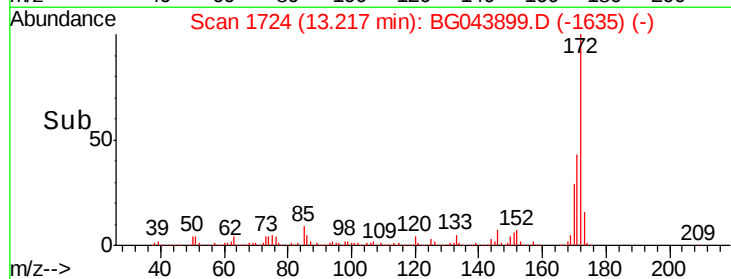
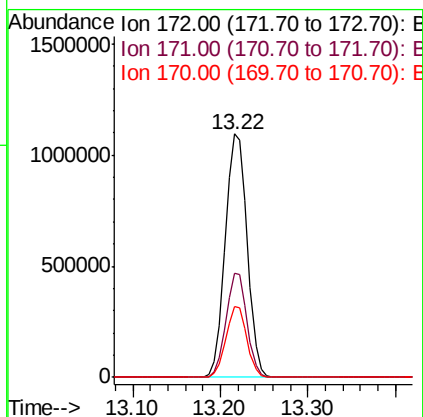
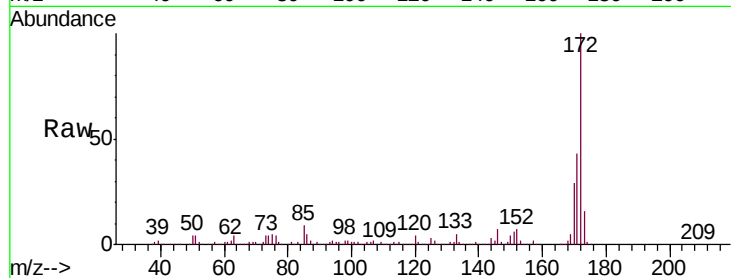
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	582183		
332	96.0		77.2	115.8
141	41.5		33.1	49.7





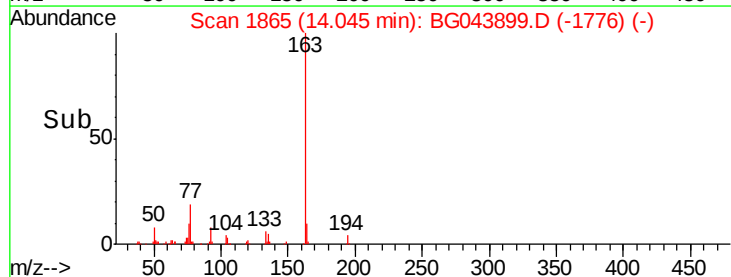
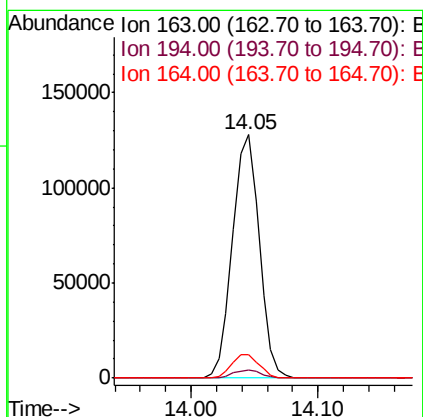
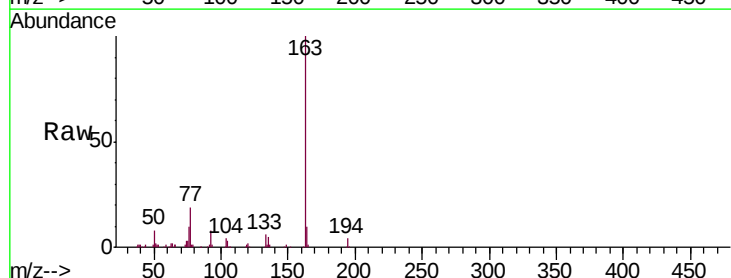
#45
 2-Fluorobiphenyl
 Concen: 89.686 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG043899.D
 Acq: 3 Jan 2020 22:32

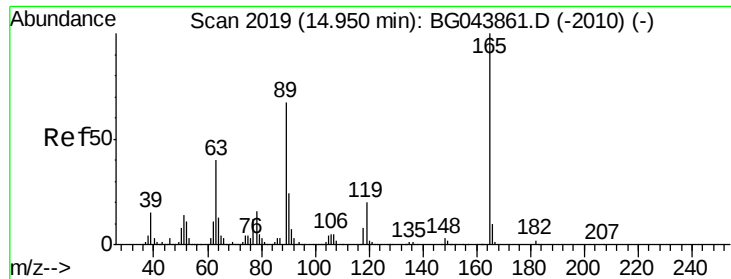
Tgt Ion:	172	Resp:	1883372
Ion	Ratio	Lower	Upper
172	100		
171	42.8	35.8	53.8
170	29.2	24.2	36.4



#50
 Dimethylphthalate
 Concen: 6.903 ng
 RT: 14.05 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BG043899.D
 Acq: 3 Jan 2020 22:32

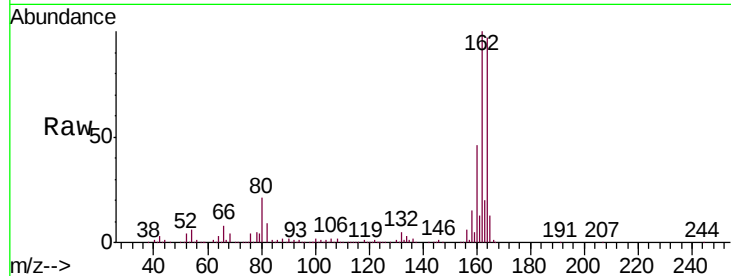
Tgt Ion:	163	Resp:	186494
Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.7	5.5#
164	9.7	9.3	13.9



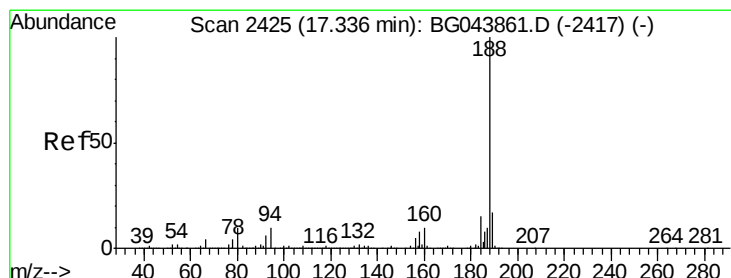
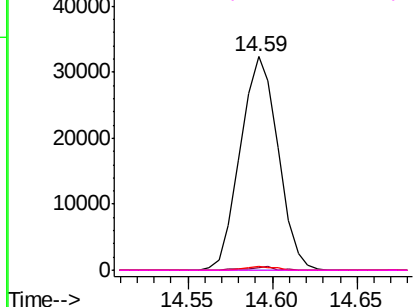
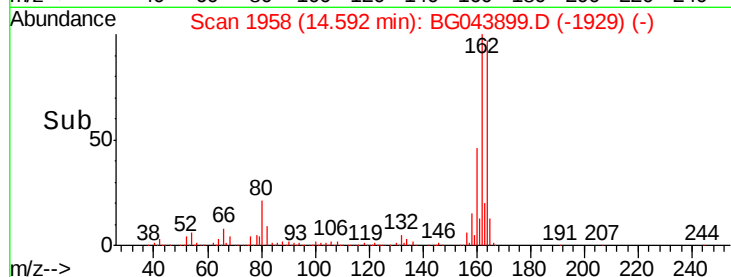


#57
 2,4-Dinitrotoluene
 Concen: 6.051 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.36 min
 Lab File: BG043899.D
 Acq: 3 Jan 2020 22:32

Tgt Ion:	165	Resp:	50271
Ion	Ratio	Lower	Upper
165	100		
63	1.3	31.9	47.9#
89	2.0	53.8	80.6#
182	0.0	2.0	3.0#

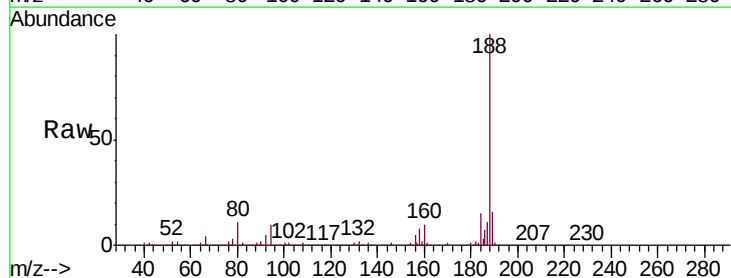


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

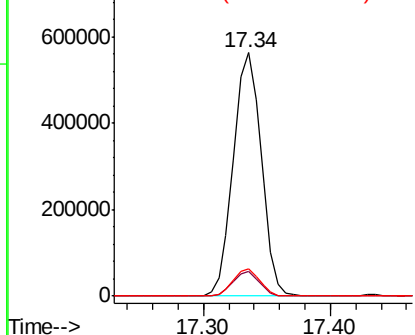
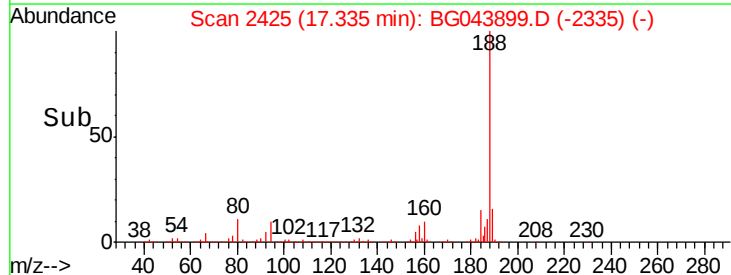


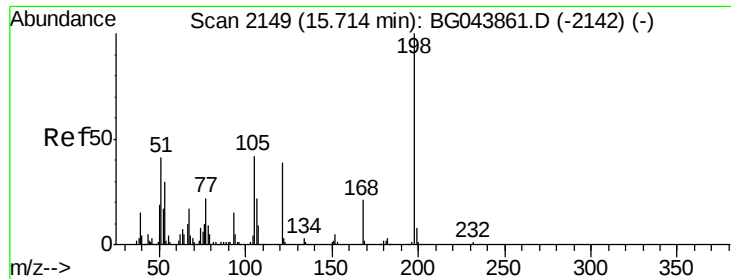
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.34 min Scan# 2425
 Delta R.T. -0.00 min
 Lab File: BG043899.D
 Acq: 3 Jan 2020 22:32

Tgt Ion:	188	Resp:	859946
Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.9	11.9
80	11.1	8.2	12.4



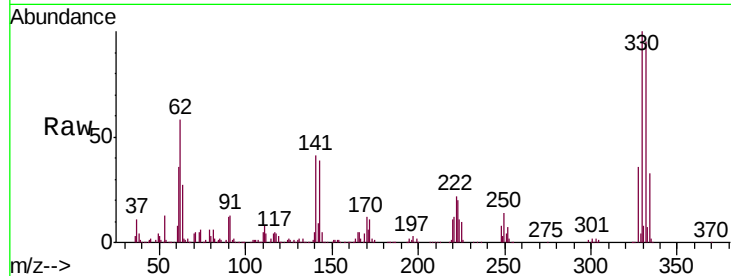
Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC



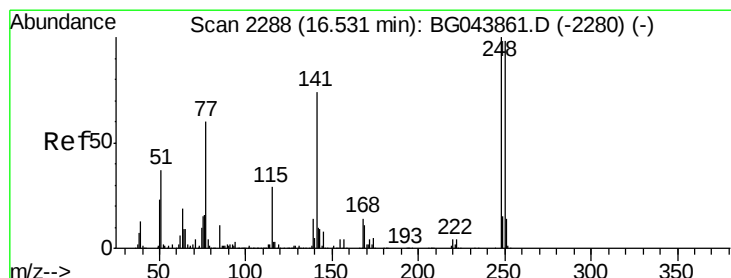
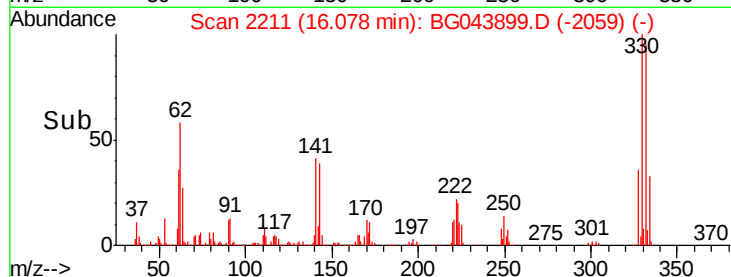
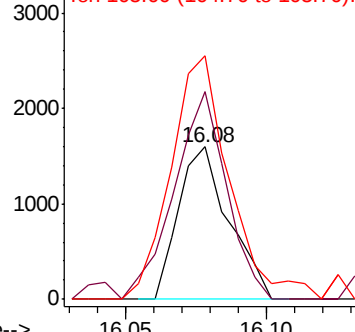


#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.794 ng
 RT: 16.08 min Scan# 2211
 Delta R.T. 0.36 min
 Lab File: BG043899.D
 Acq: 3 Jan 2020 22:32

Tgt Ion:198 Resp: 1973
 Ion Ratio Lower Upper
 198 100
 51 136.7 22.5 62.5#
 105 160.0 22.3 62.3#

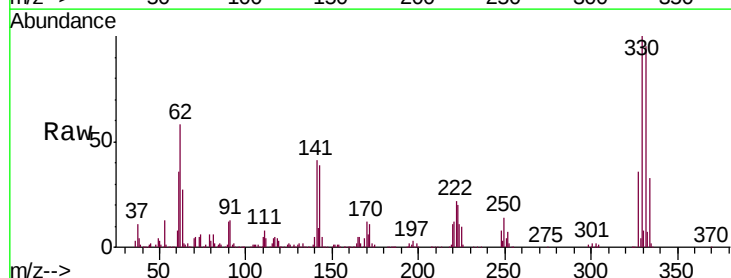


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

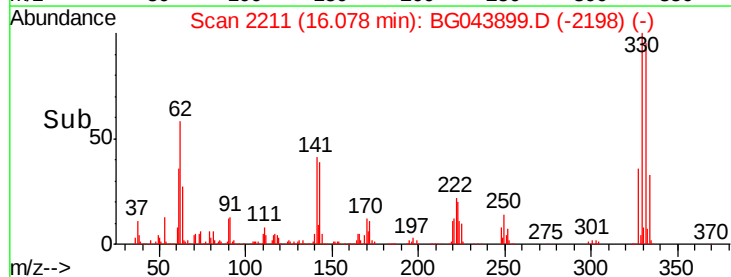
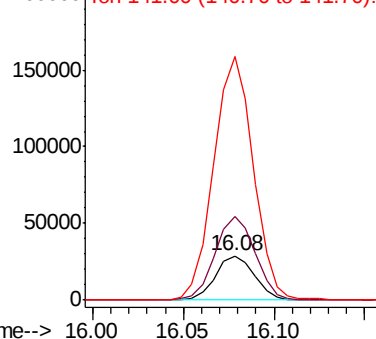


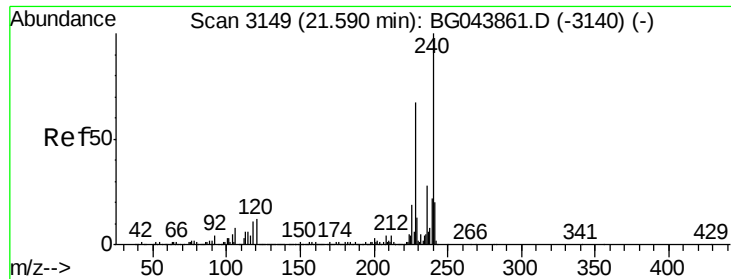
#67
 4-Bromophenyl-phenylether
 Concen: 4.432 ng
 RT: 16.08 min Scan# 2211
 Delta R.T. -0.45 min
 Lab File: BG043899.D
 Acq: 3 Jan 2020 22:32

Tgt Ion:248 Resp: 42864
 Ion Ratio Lower Upper
 248 100
 250 187.9 78.2 117.2#
 141 551.0 59.3 88.9#



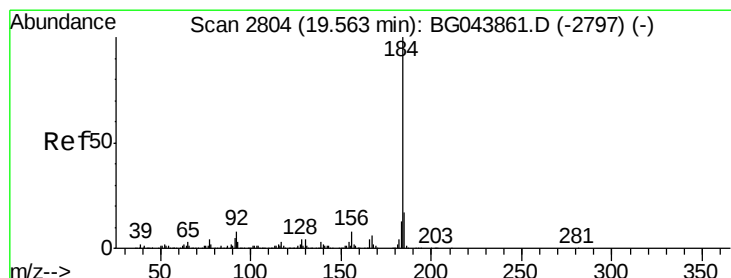
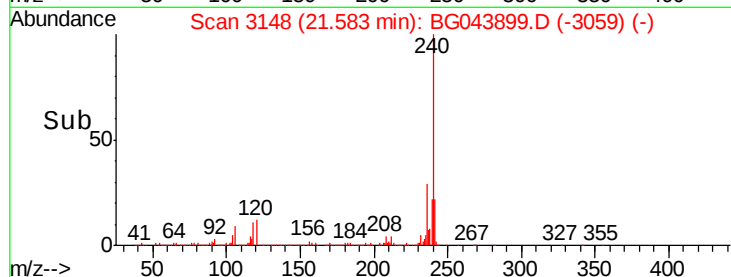
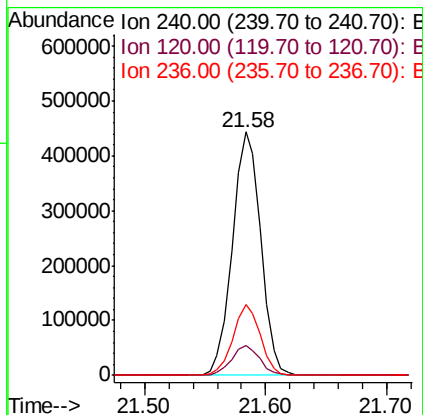
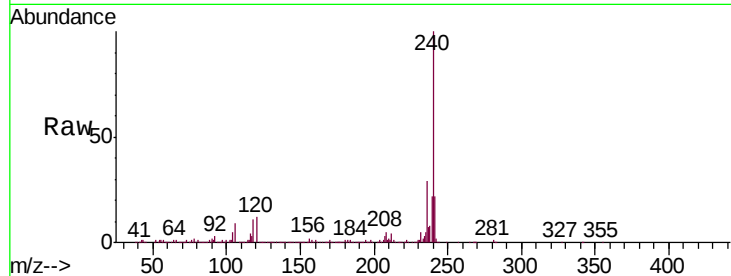
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





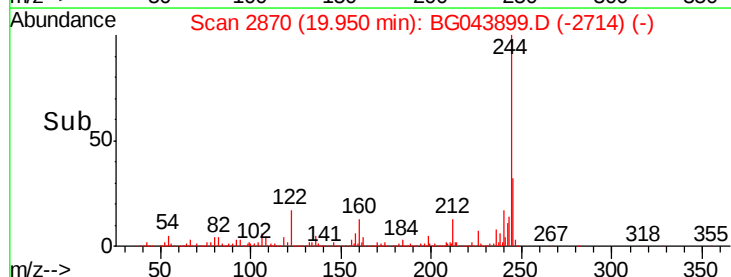
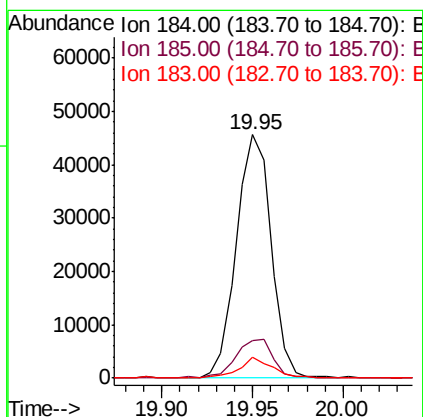
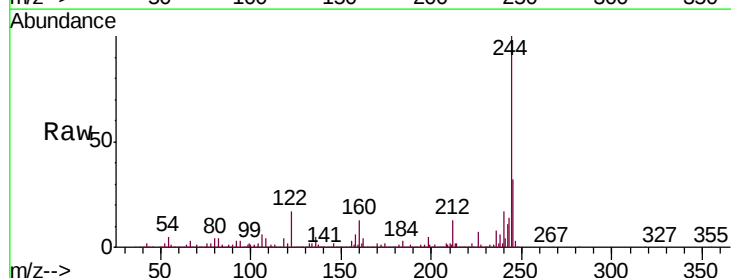
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG043899.D
Acq: 3 Jan 2020 22:32

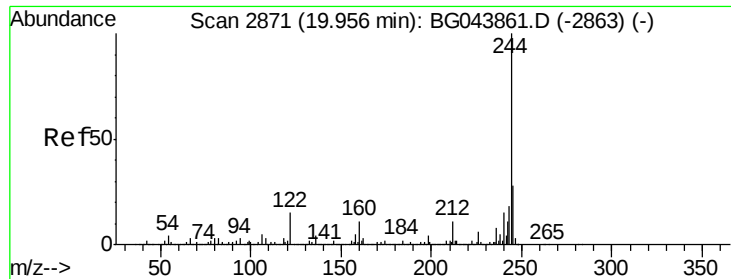
Tgt Ion:	240	Resp:	725553
Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.6	14.4
236	28.9	22.2	33.2



#77
Benzidine
Concen: 3.331 ng
RT: 19.95 min Scan# 2870
Delta R.T. 0.39 min
Lab File: BG043899.D
Acq: 3 Jan 2020 22:32

Tgt Ion:	184	Resp:	60755
Ion	Ratio	Lower	Upper
184	100		
185	15.6	13.4	20.0
183	8.7	10.6	15.8#





#79

Terphenyl-d14

Concen: 93.162 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG043899.D

Acq: 3 Jan 2020 22:32

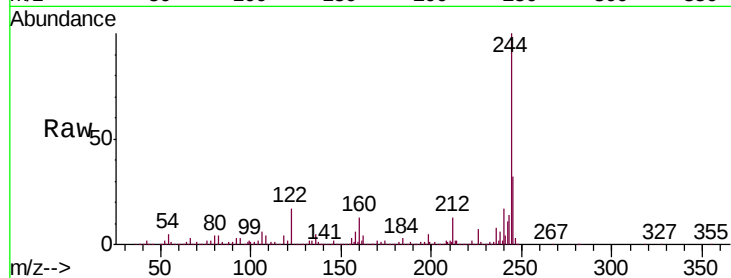
Tgt Ion:244 Resp: 2734620

Ion Ratio Lower Upper

244 100

212 12.5 8.6 13.0

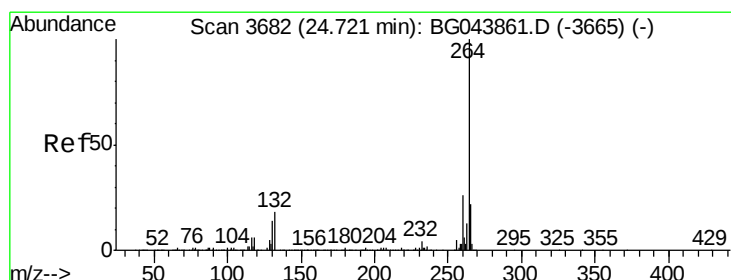
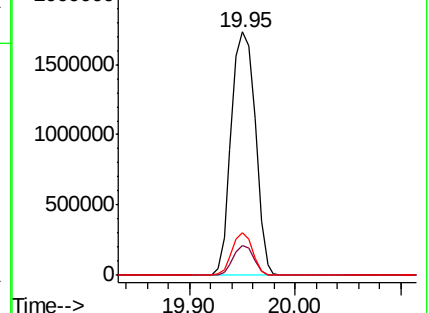
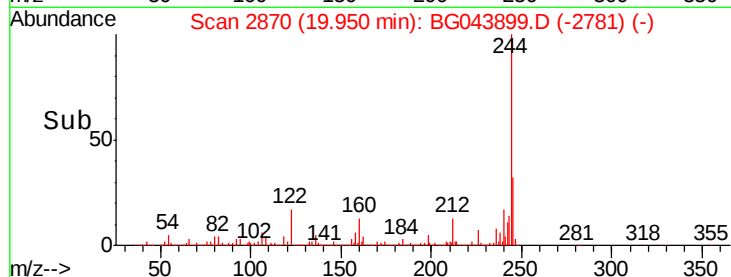
122 17.5 11.9 17.9



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

Perylene-d12

Concen: 20.000 ng

RT: 24.71 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG043899.D

Acq: 3 Jan 2020 22:32

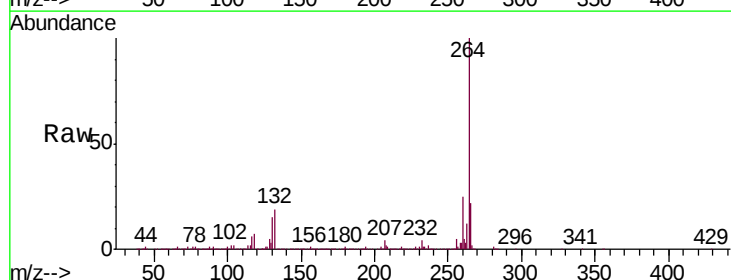
Tgt Ion:264 Resp: 819041

Ion Ratio Lower Upper

264 100

260 24.7 20.4 30.6

265 22.0 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

