

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043923.D
 Acq On : 4 Jan 2020 15:29
 Operator : JU
 Sample : K6449-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

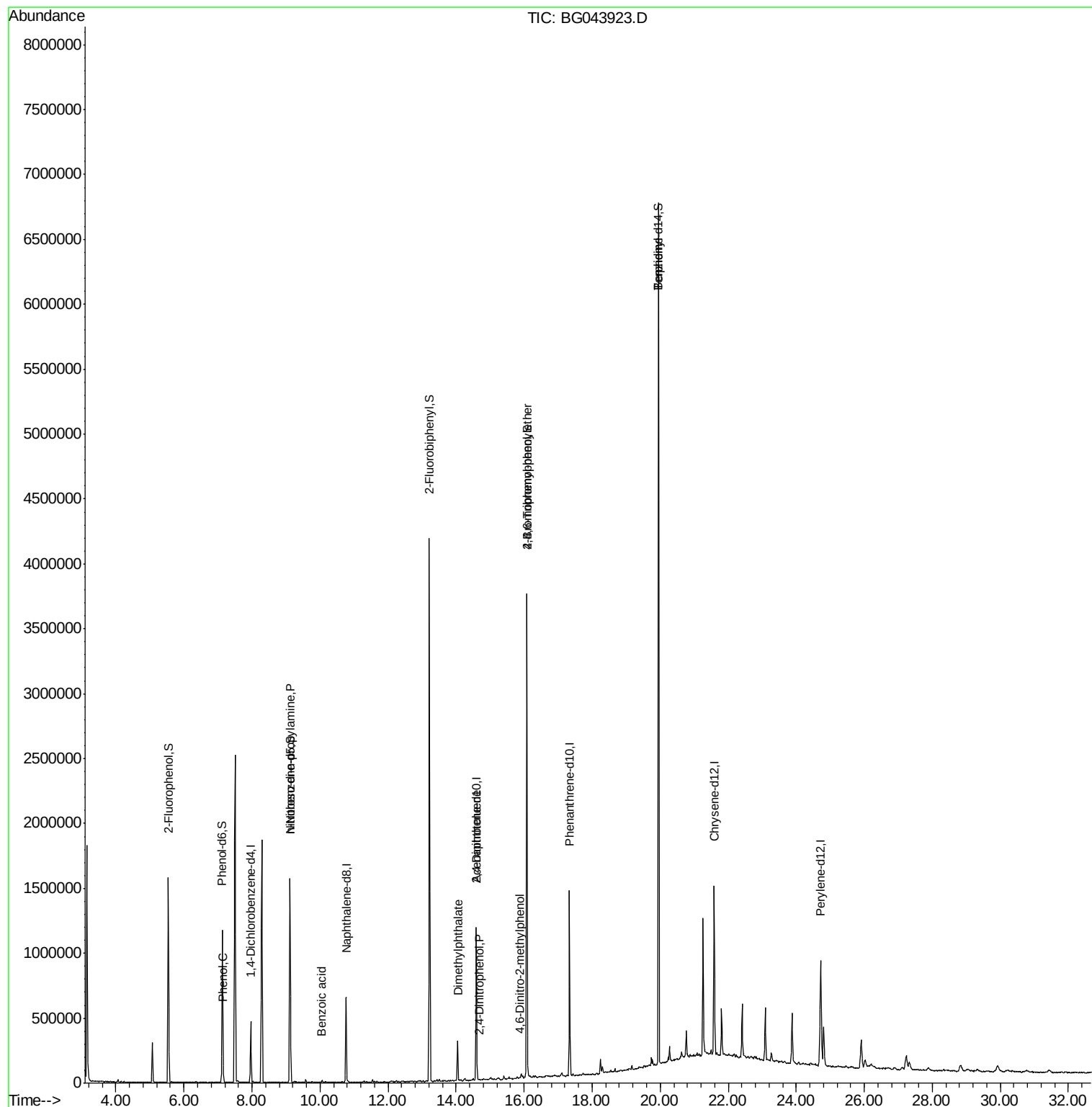
Quant Time: Jan 06 04:32:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

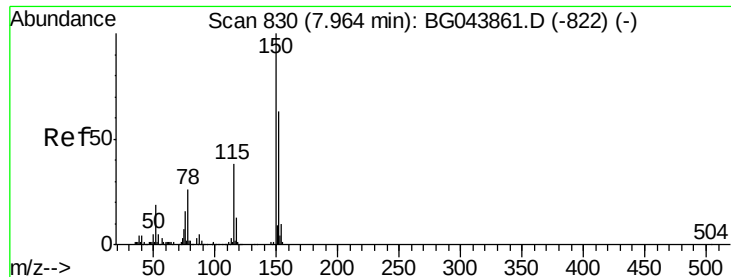
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	136491	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	601913	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	409885	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	850874	20.00	ng	0.00
76) Chrysene-d12	21.59	240	715486	20.00	ng	0.00
87) Perylene-d12	24.72	264	806205	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	743261	99.99	ng	0.00
7) Phenol-d6	7.13	99	732749	70.52	ng	0.00
23) Nitrobenzene-d5	9.12	82	1008774	89.66	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	659503	153.75	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2089616	92.36	ng	0.00
79) Terphenyl-d14	19.95	244	2745927	95.54	ng	0.00
Target Compounds						
10) Phenol	7.15	94	25120	2.346	ng	86
19) n-Nitroso-di-n-propylamine	9.12	70	135991	17.574	ng	# 78
32) Benzoic acid	10.06	122	61	6.270	ng	# 1
50) Dimethylphthalate	14.05	163	211247	7.258	ng	98
54) 2,4-Dinitrophenol	14.69	184	54	5.498	ng	# 1
57) 2,4-Dinitrotoluene	14.59	165	56053	6.262	ng	# 28
65) 4,6-Dinitro-2-methylphenol	15.88	198	117	4.414	ng	# 1
67) 4-Bromophenyl-phenylether	16.08	248	50082	5.233	ng	# 1
77) Benzidine	19.96	184	64005	3.559	ng	# 94

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043923.D
Acq On : 4 Jan 2020 15:29
Operator : JU
Sample : K6449-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Jan 06 04:32:19 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

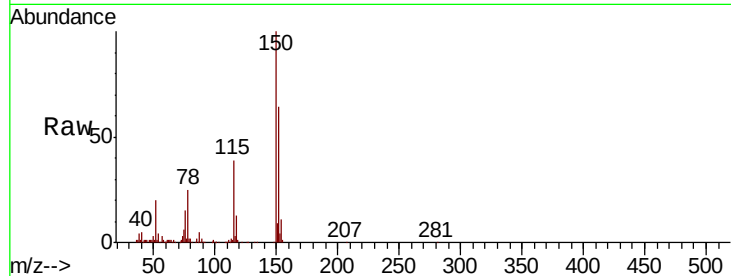




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043923.D
Acq: 4 Jan 2020 15:29

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	127.0	190.4
115	60.5	47.8	71.8

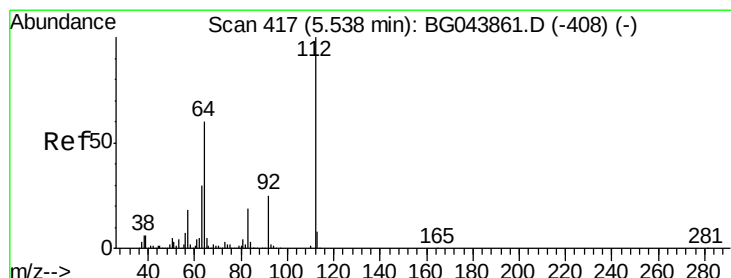
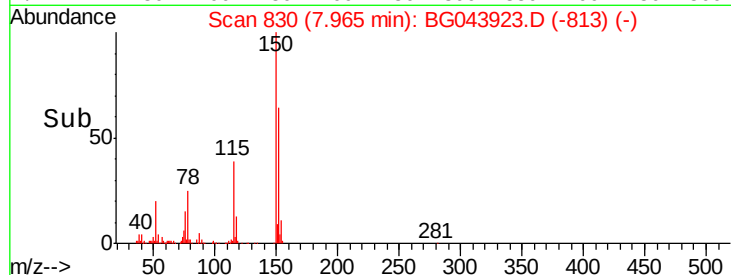
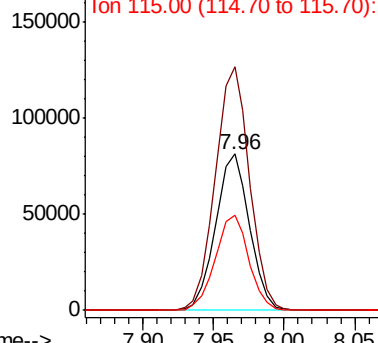


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

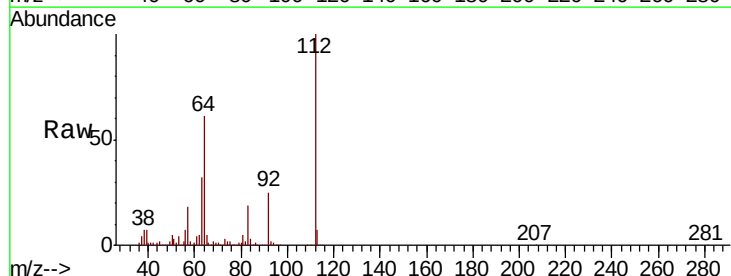
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 99.986 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG043923.D
Acq: 4 Jan 2020 15:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	47.8	71.6
63	31.9	24.3	36.5

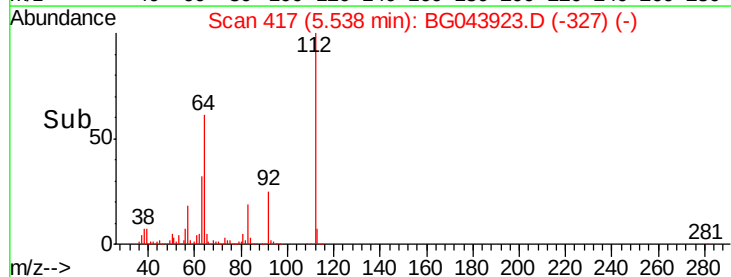
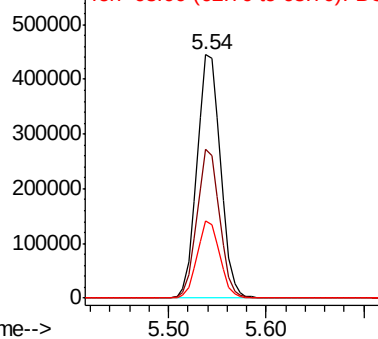


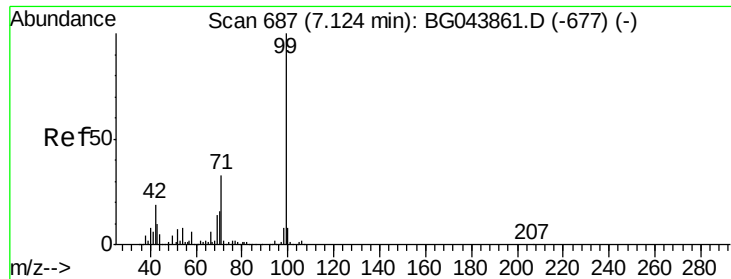
Abundance

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: 70.518 ng

RT: 7.13 min Scan# 688

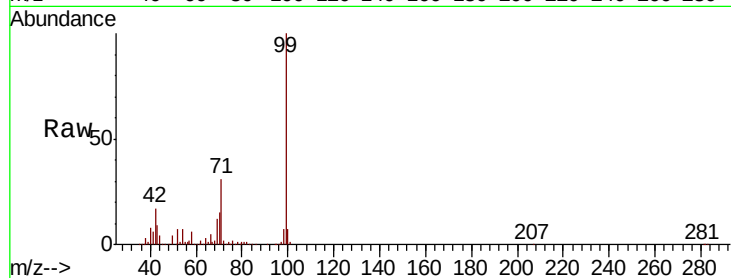
Delta R.T. 0.01 min

Lab File: BG043923.D

Acq: 4 Jan 2020 15:29

Tot Ion: 99 Resp: 732749

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.9	22.3
71	31.5	26.4	39.6

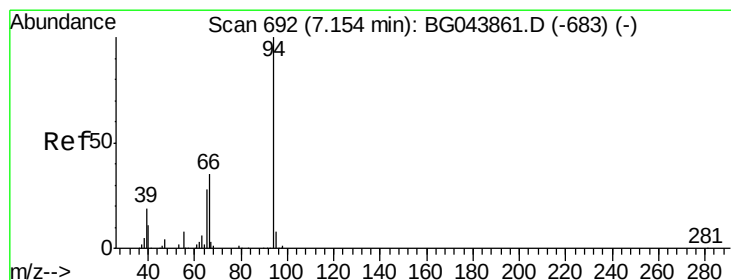
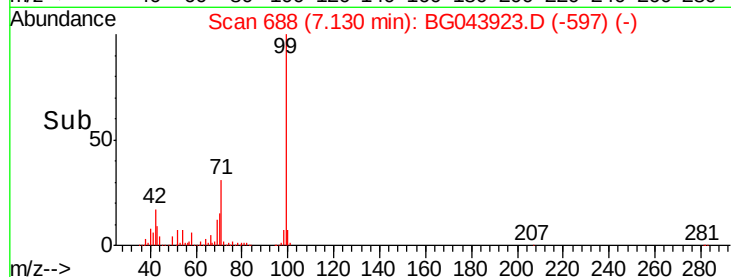
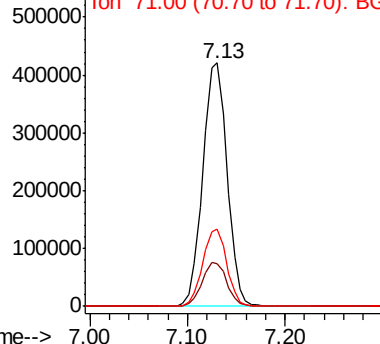


Abundance

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: 2.346 ng

RT: 7.15 min Scan# 692

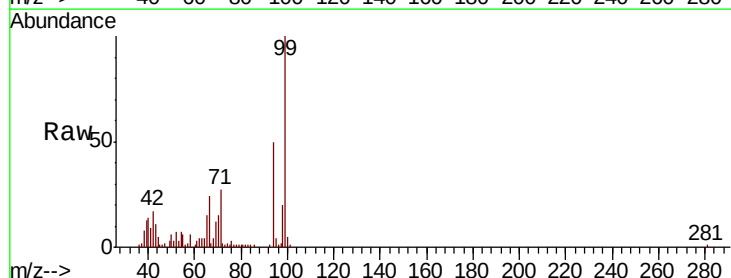
Delta R.T. 0.00 min

Lab File: BG043923.D

Acq: 4 Jan 2020 15:29

Tgt Ion: 94 Resp: 25120

Ion	Ratio	Lower	Upper
94	100		
65	30.7	8.1	48.1
66	47.5	15.6	55.6

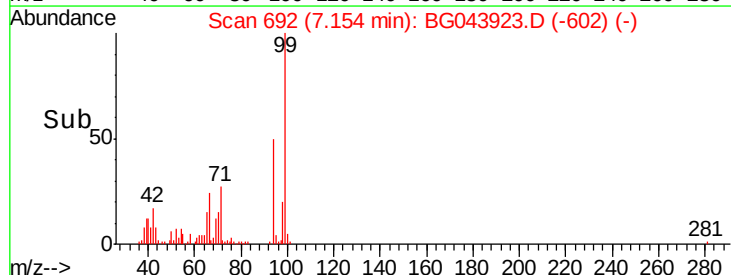
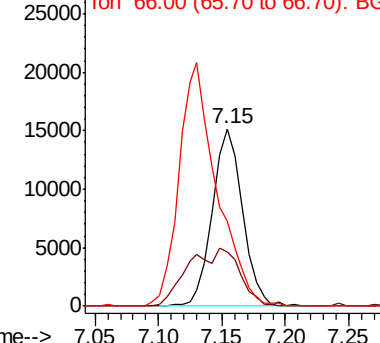


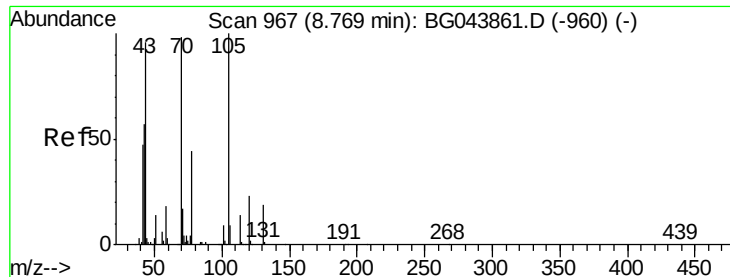
Abundance

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: 17.574 ng

RT: 9.12 min Scan# 1026

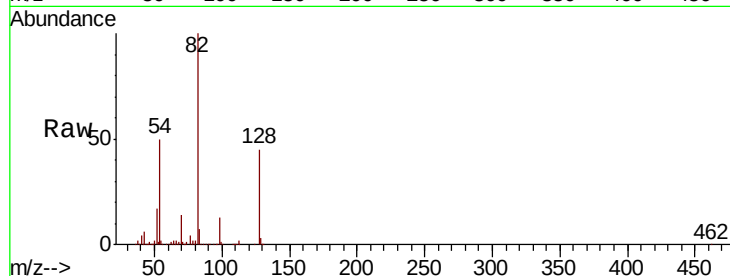
Delta R.T. 0.35 min

Lab File: BG043923.D

Acq: 4 Jan 2020 15:29

Tot Ion: 70 Resp: 135991

Ion	Ratio	Lower	Upper
70	100		
42	46.6	47.0	70.4#
101	0.0	7.2	10.8#
130	2.1	15.6	23.4#



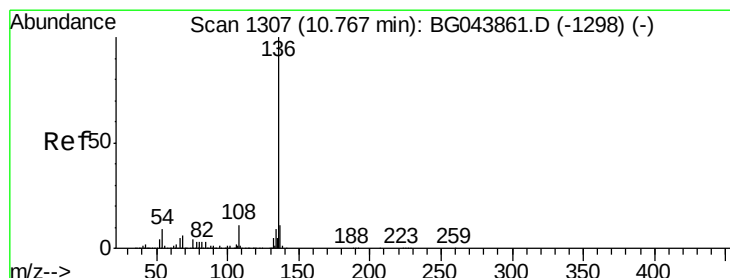
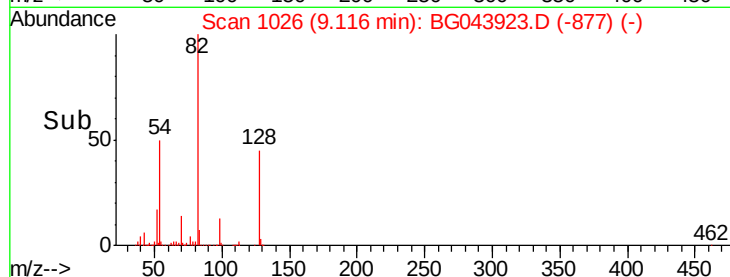
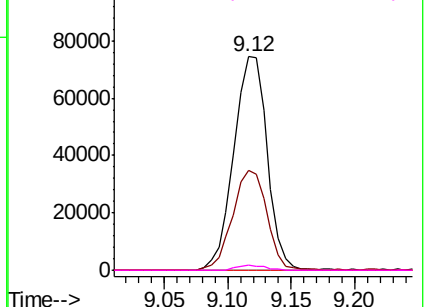
Abundance

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: 10.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BG043923.D

Acq: 4 Jan 2020 15:29

Tgt Ion: 136 Resp: 601913

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.1	7.0	10.4
68	6.1	4.9	7.3

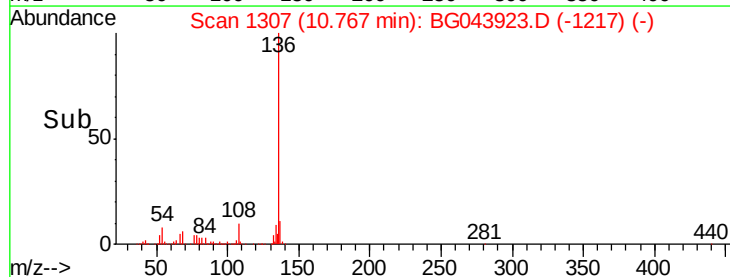
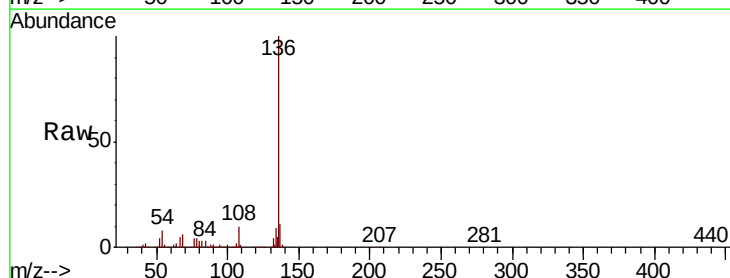
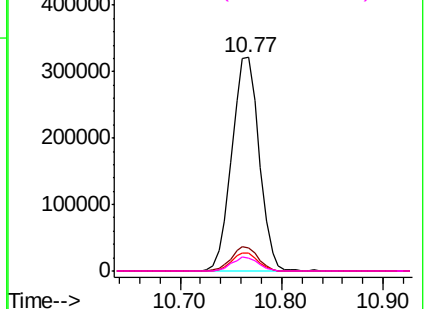
Abundance

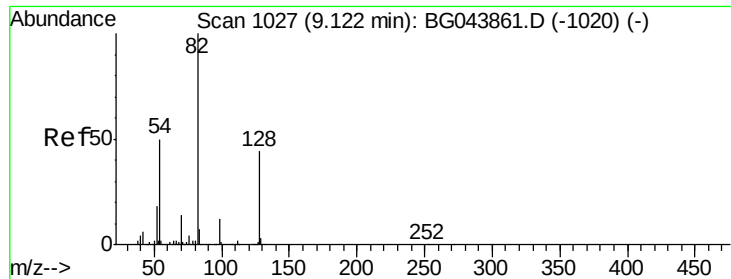
Ion 136.00 (135.70 to 136.70): BGC

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: 89.656 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BG043923.D

Acq: 4 Jan 2020 15:29

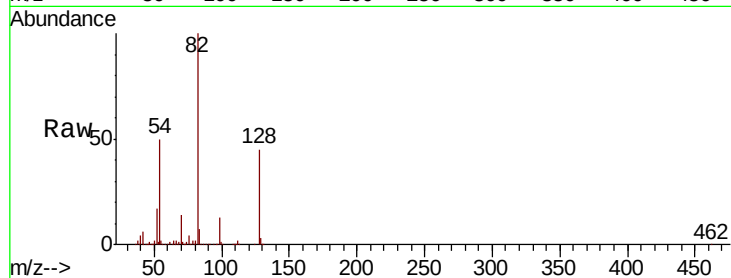
Tot Ion: 82 Resp: 1008774

Ion Ratio Lower Upper

82 100

128 45.0 35.1 52.7

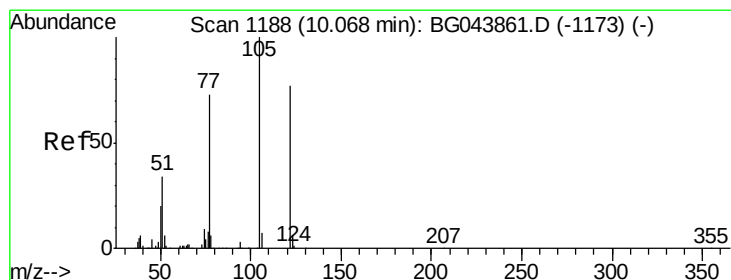
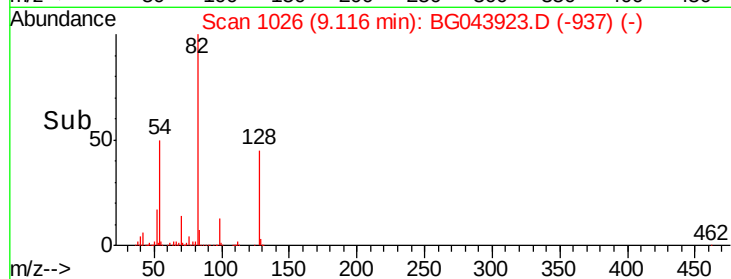
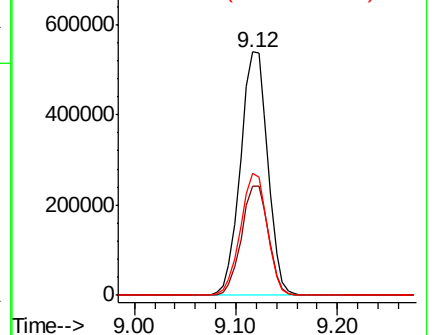
54 49.9 40.1 60.1



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: 6.270 ng

RT: 10.06 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BG043923.D

Acq: 4 Jan 2020 15:29

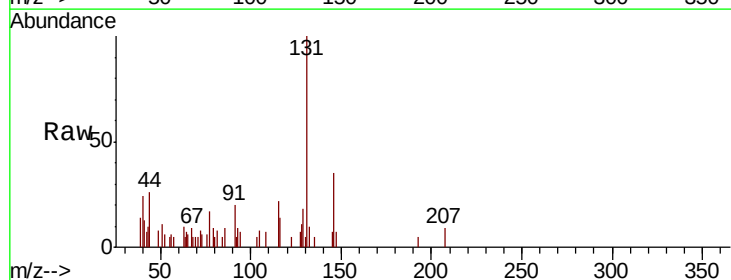
Tgt Ion: 122 Resp: 61

Ion Ratio Lower Upper

122 100

105 147.1 106.4 146.4#

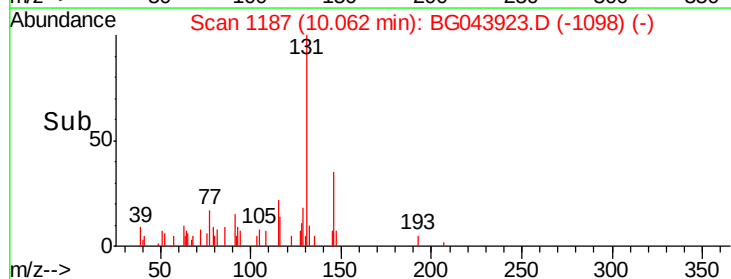
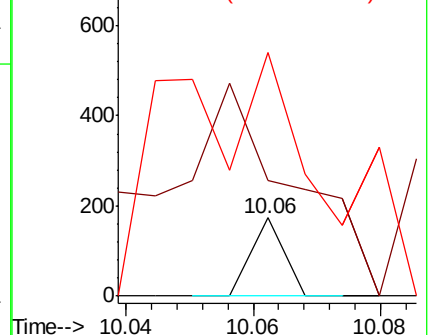
77 310.3 74.6 114.6#

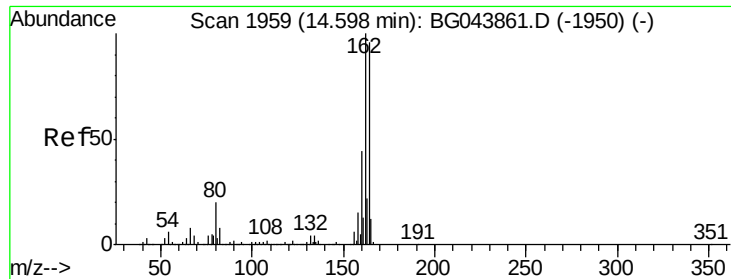


Abundance Ion 122.00 (121.70 to 122.70): BGC

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: BG043923.D

Acq: 4 Jan 2020 15:29

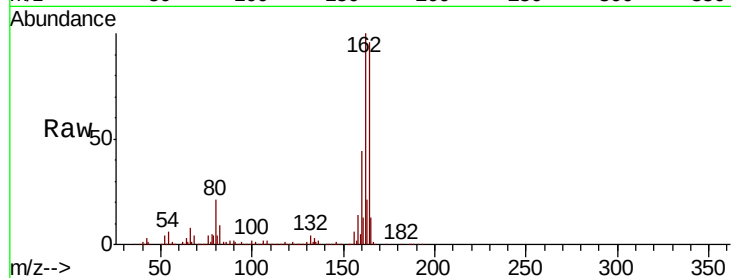
Tot Ion:164 Resp: 409885

Ion Ratio Lower Upper

164 100

162 104.2 83.0 124.4

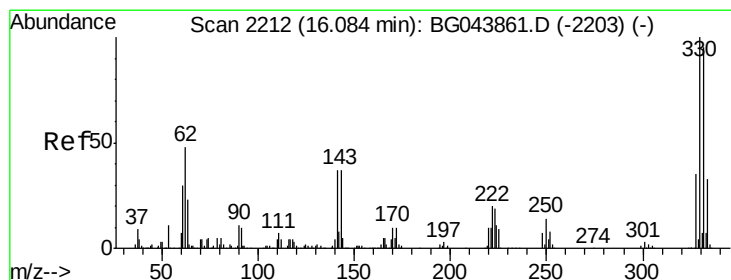
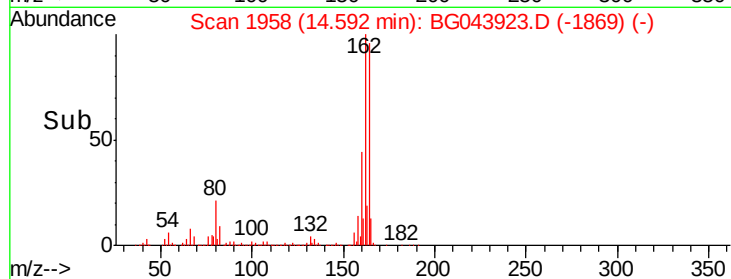
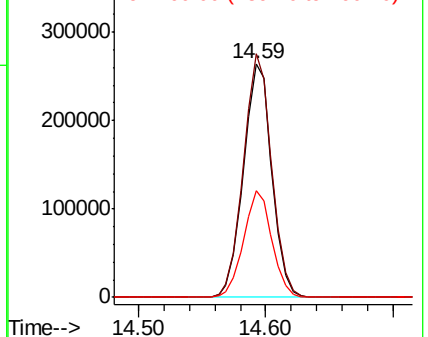
160 45.7 36.1 54.1



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: 153.753 ng

RT: 16.08 min Scan# 2212

Delta R.T. 0.00 min

Lab File: BG043923.D

Acq: 4 Jan 2020 15:29

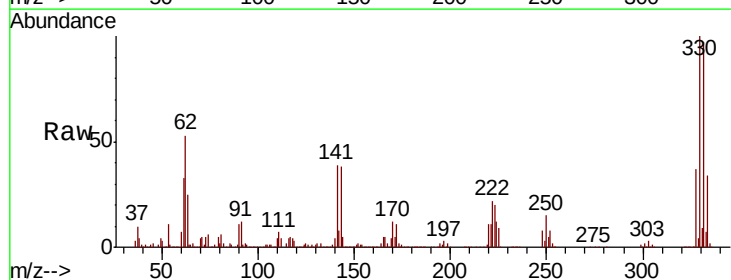
Tgt Ion:330 Resp: 659503

Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

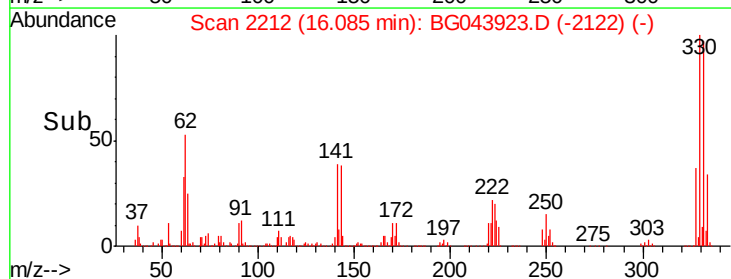
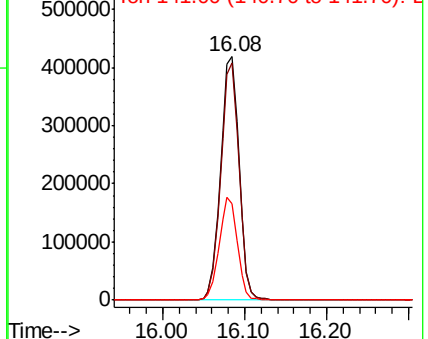
141 41.3 33.1 49.7

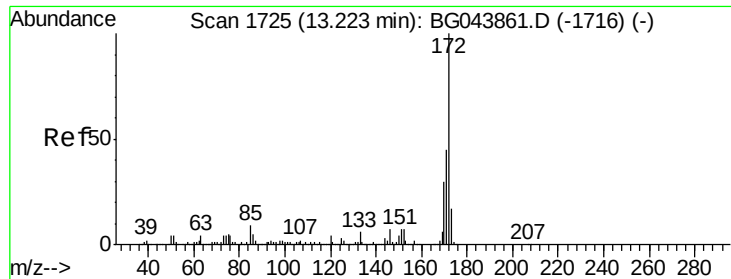


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

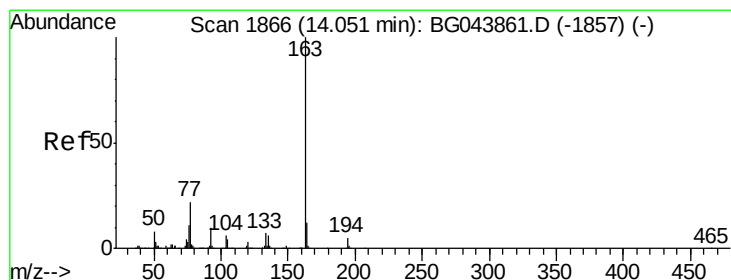
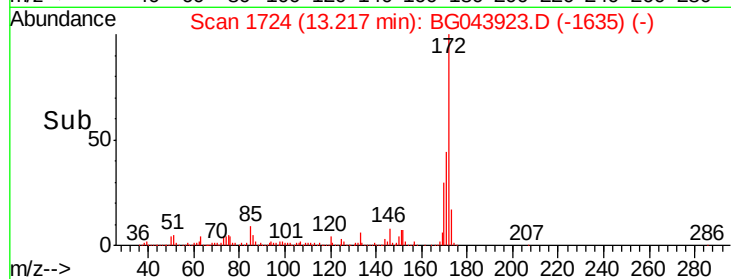
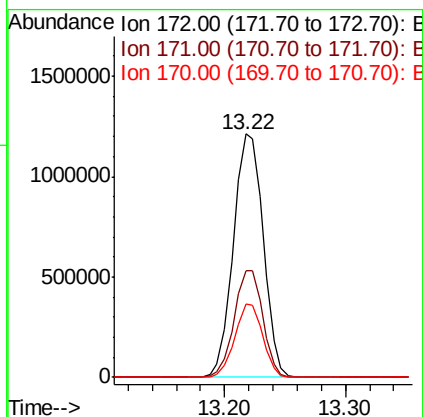
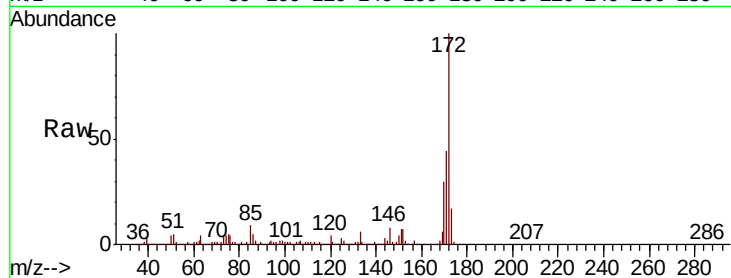




#45
2-Fluorobiphenyl
Concen: 92.365 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BG043923.D
Acq: 4 Jan 2020 15:29

Tot Ion:172 Resp: 2089616

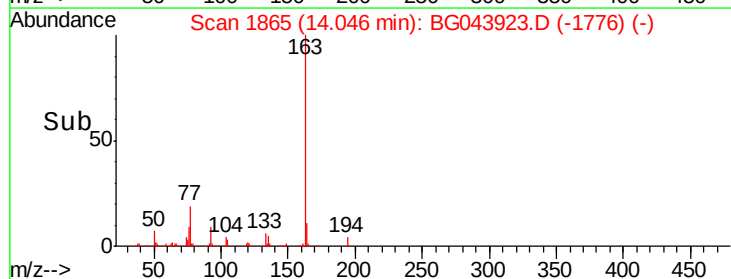
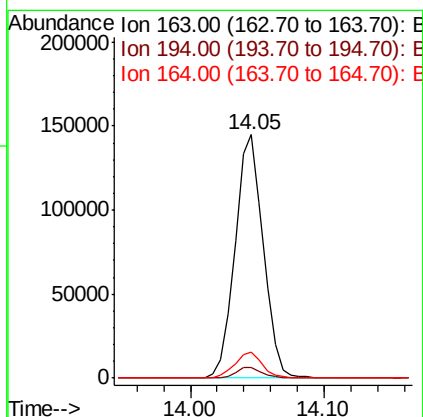
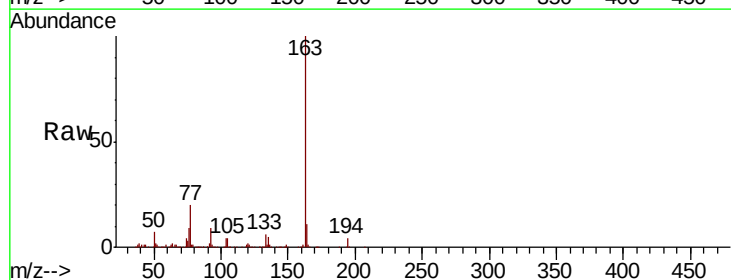
Ion	Ratio	Lower	Upper
172	100		
171	43.7	35.8	53.8
170	30.3	24.2	36.4

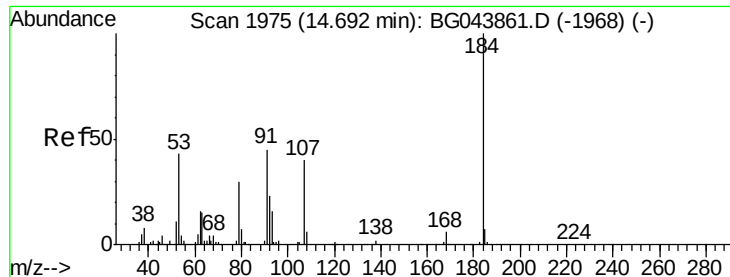


#50
Dimethylphthalate
Concen: 7.258 ng
RT: 14.05 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG043923.D
Acq: 4 Jan 2020 15:29

Tgt Ion:163 Resp: 211247

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.7	5.5
164	10.8	9.3	13.9





#54

2,4-Dinitrophenol

Concen: 5.498 ng

RT: 14.69 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BG043923.D

Acq: 4 Jan 2020 15:29

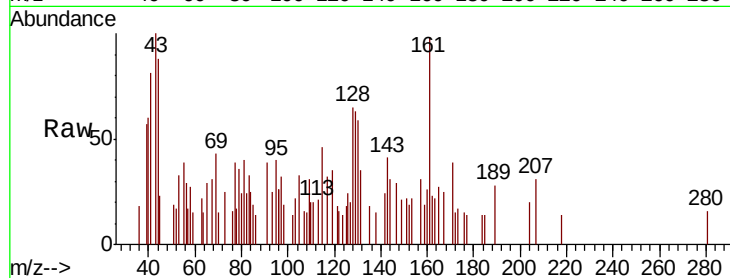
Tot Ion:184 Resp: 54

Ion Ratio Lower Upper

184 100

63 262.5 46.6 70.0#

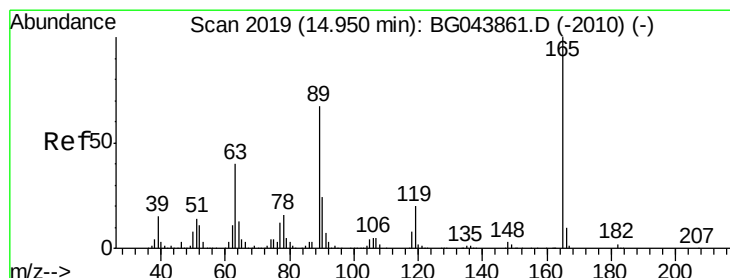
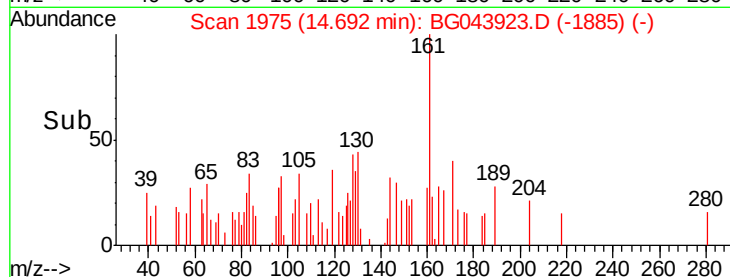
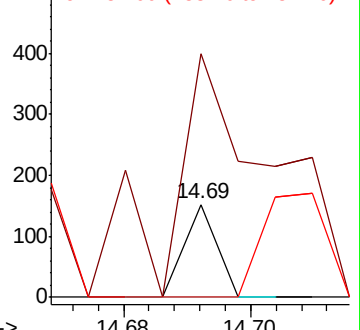
154 0.0 50.2 75.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E



#57

2,4-Dinitrotoluene

Concen: 6.262 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.36 min

Lab File: BG043923.D

Acq: 4 Jan 2020 15:29

Tgt Ion:165 Resp: 56053

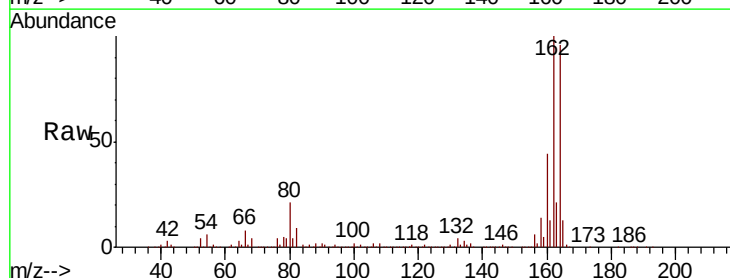
Ion Ratio Lower Upper

165 100

63 2.0 31.9 47.9#

89 2.4 53.8 80.6#

182 1.1 2.0 3.0#

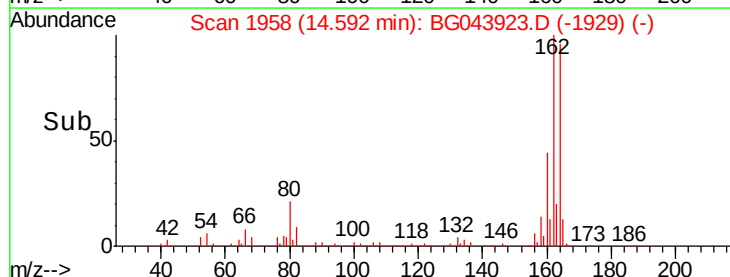
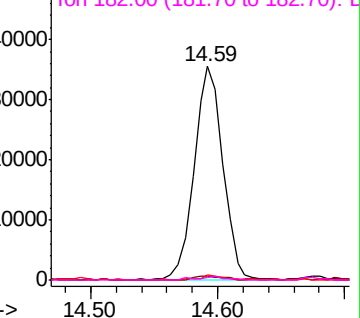


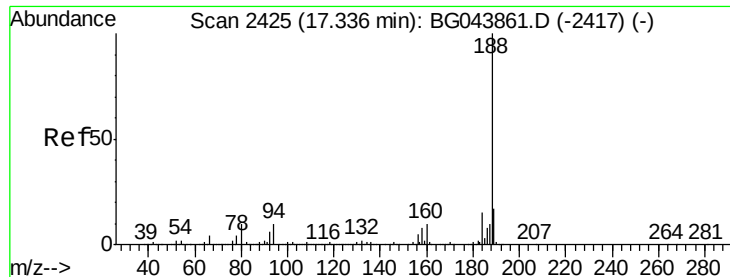
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

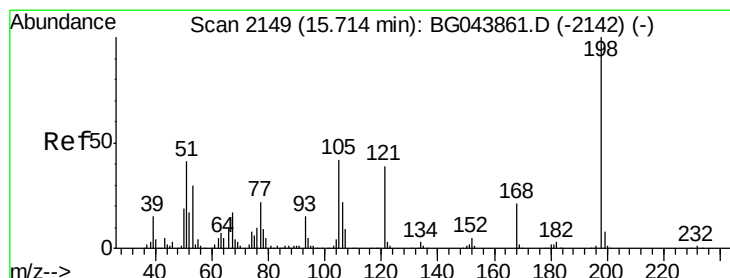
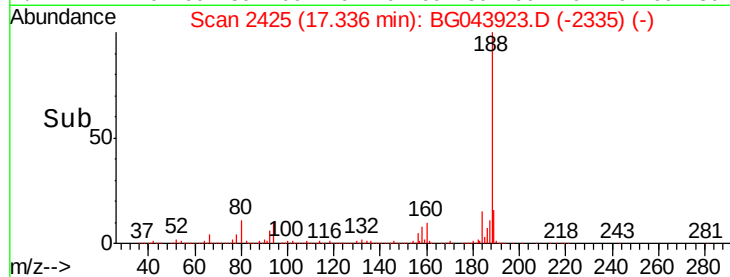
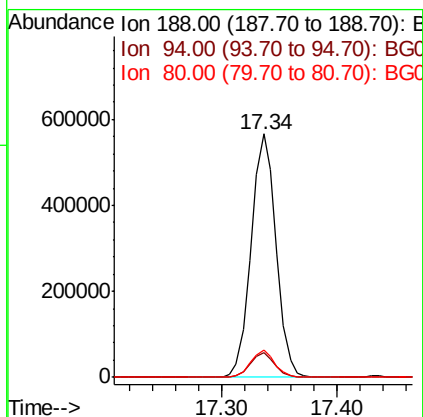
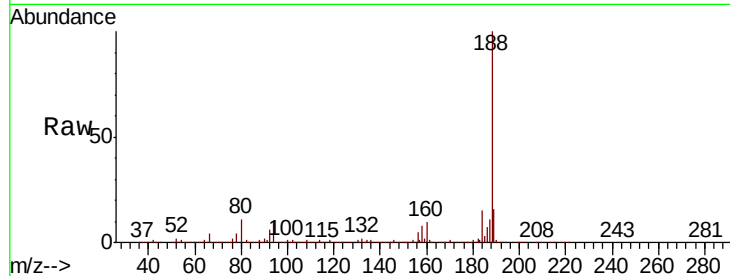
Ion 182.00 (181.70 to 182.70): E





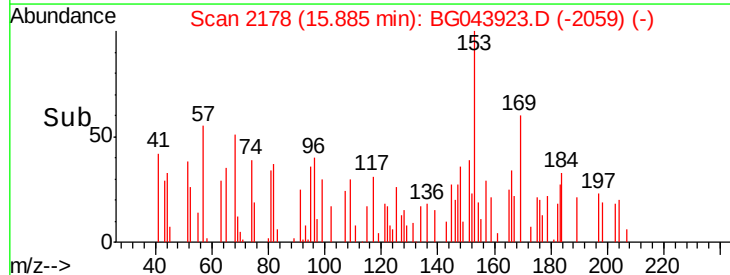
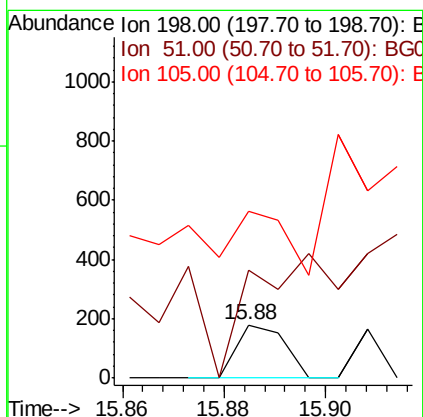
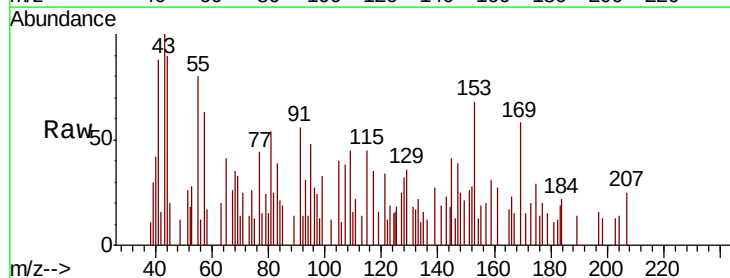
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.34 min Scan# 2425
 Delta R.T. 0.00 min
 Lab File: BG043923.D
 Acq: 4 Jan 2020 15:29

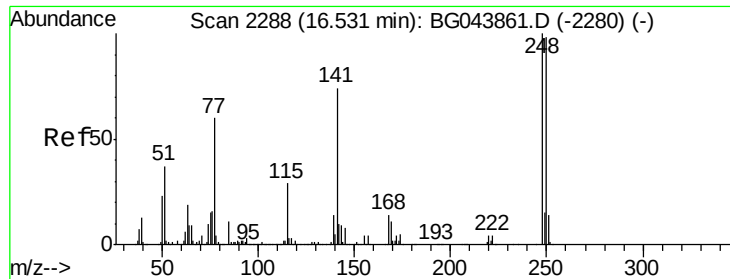
Tot Ion:188 Resp: 850874
 Ion Ratio Lower Upper
 188 100
 94 10.0 7.9 11.9
 80 11.0 8.2 12.4



#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.414 ng
 RT: 15.88 min Scan# 2178
 Delta R.T. 0.17 min
 Lab File: BG043923.D
 Acq: 4 Jan 2020 15:29

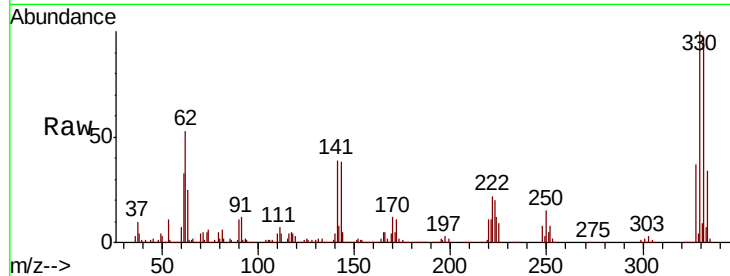
Tgt Ion:198 Resp: 117
 Ion Ratio Lower Upper
 198 100
 51 203.3 22.5 62.5#
 105 312.8 22.3 62.3#



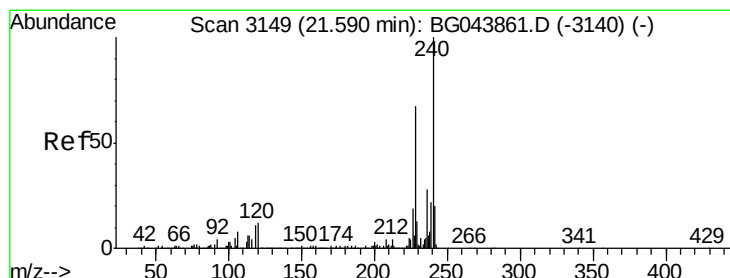
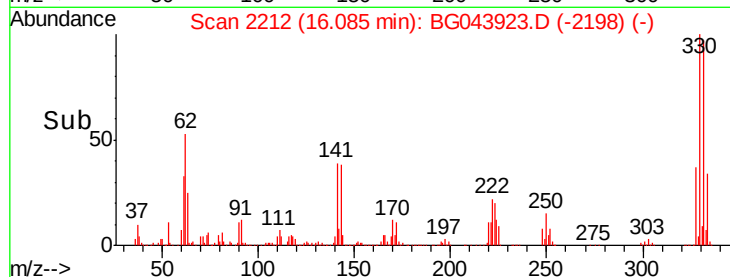
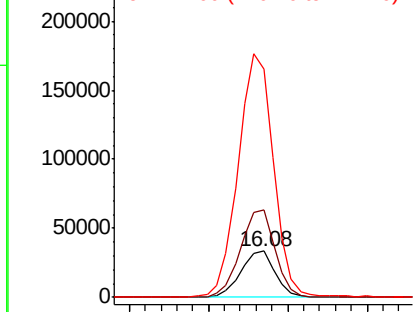


#67
4-Bromophenyl-phenylether
Concen: 5.233 ng
RT: 16.08 min Scan# 2212
Delta R.T. -0.45 min
Lab File: BG043923.D
Acq: 4 Jan 2020 15:29

Tot Ion:248 Resp: 50082
Ion Ratio Lower Upper
248 100
250 188.0 78.2 117.2#
141 491.0 59.3 88.9#

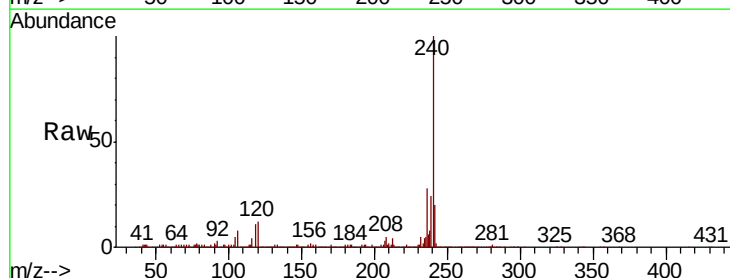


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

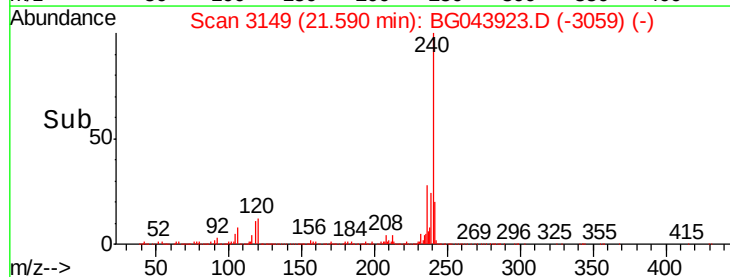
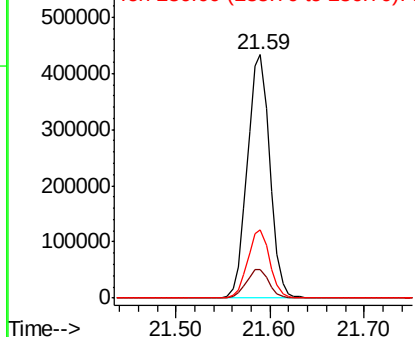


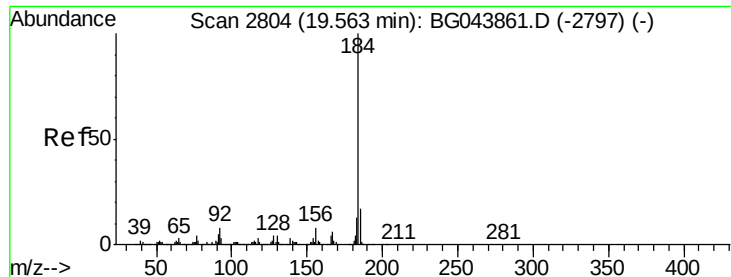
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG043923.D
Acq: 4 Jan 2020 15:29

Tgt Ion:240 Resp: 715486
Ion Ratio Lower Upper
240 100
120 11.7 9.6 14.4
236 27.8 22.2 33.2



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: 3.559 ng

RT: 19.96 min Scan# 2871

Delta R.T. 0.39 min

Lab File: BG043923.D

Acq: 4 Jan 2020 15:29

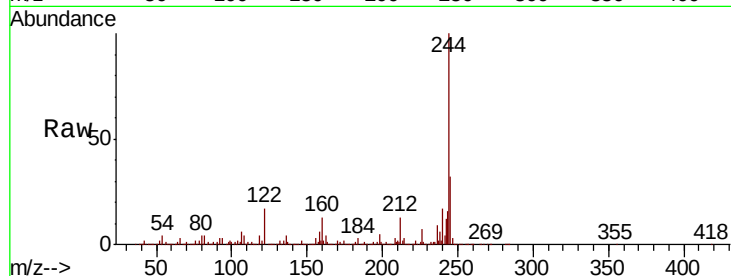
Tot Ion:184 Resp: 64005

Ion Ratio Lower Upper

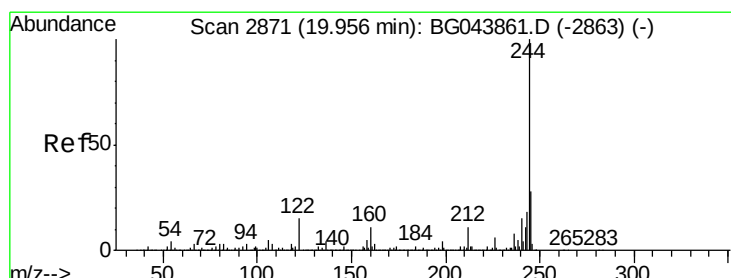
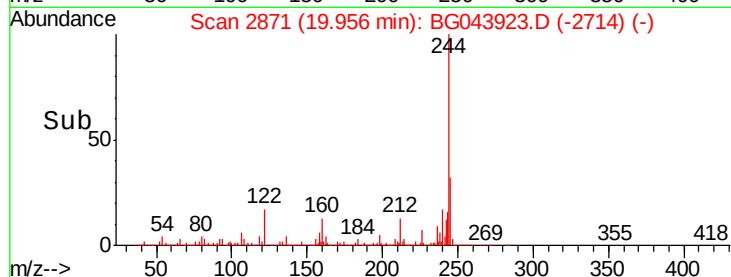
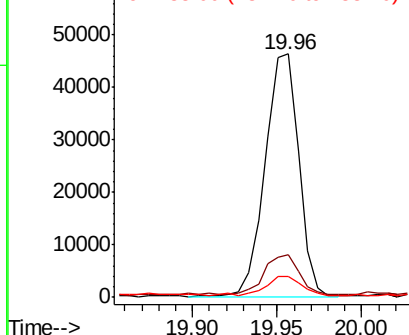
184 100

185 17.3 13.4 20.0

183 8.4 10.6 15.8#



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: 95.536 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG043923.D

Acq: 4 Jan 2020 15:29

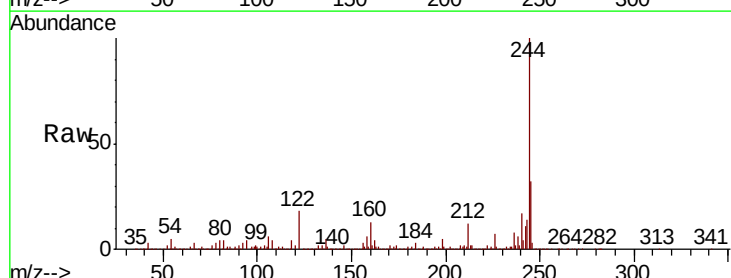
Tgt Ion:244 Resp: 2745927

Ion Ratio Lower Upper

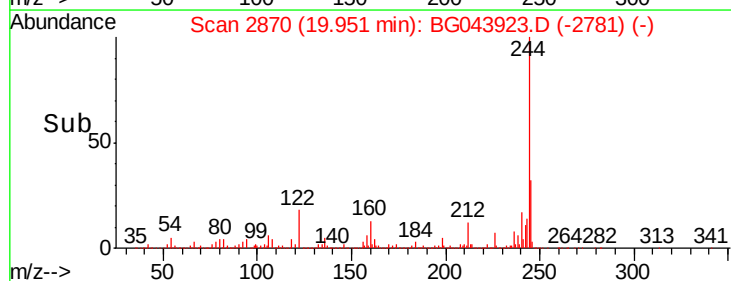
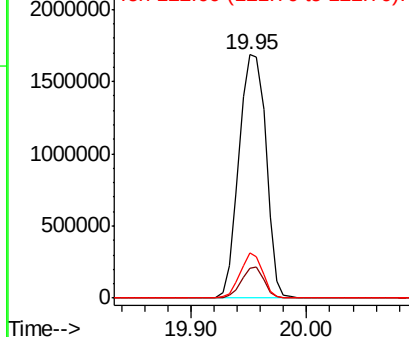
244 100

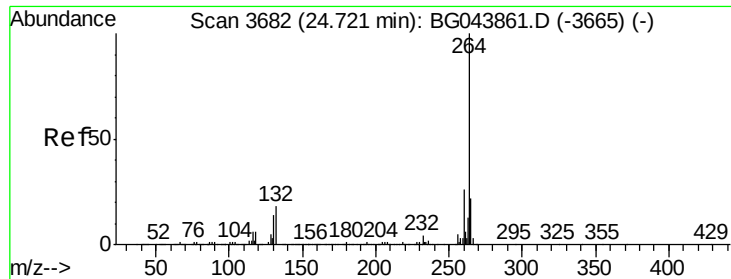
212 12.5 8.6 13.0

122 18.4 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
Pervlene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG043923.D
Acq: 4 Jan 2020 15:29

Tot Ion:	264	Resp:	806205
Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.4	30.6
265	22.7	17.4	26.2

