

Data File : BG043898.D
Acq On : 3 Jan 2020 21:52
Operator : JU
Sample : K6449-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 04 04:43:04 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	129817	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	570051	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	378897	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	817239	20.00	ng	0.00
76) Chrysene-d12	21.58	240	687020	20.00	ng	0.00
87) Perylene-d12	24.72	264	797010	20.00	ng	0.00

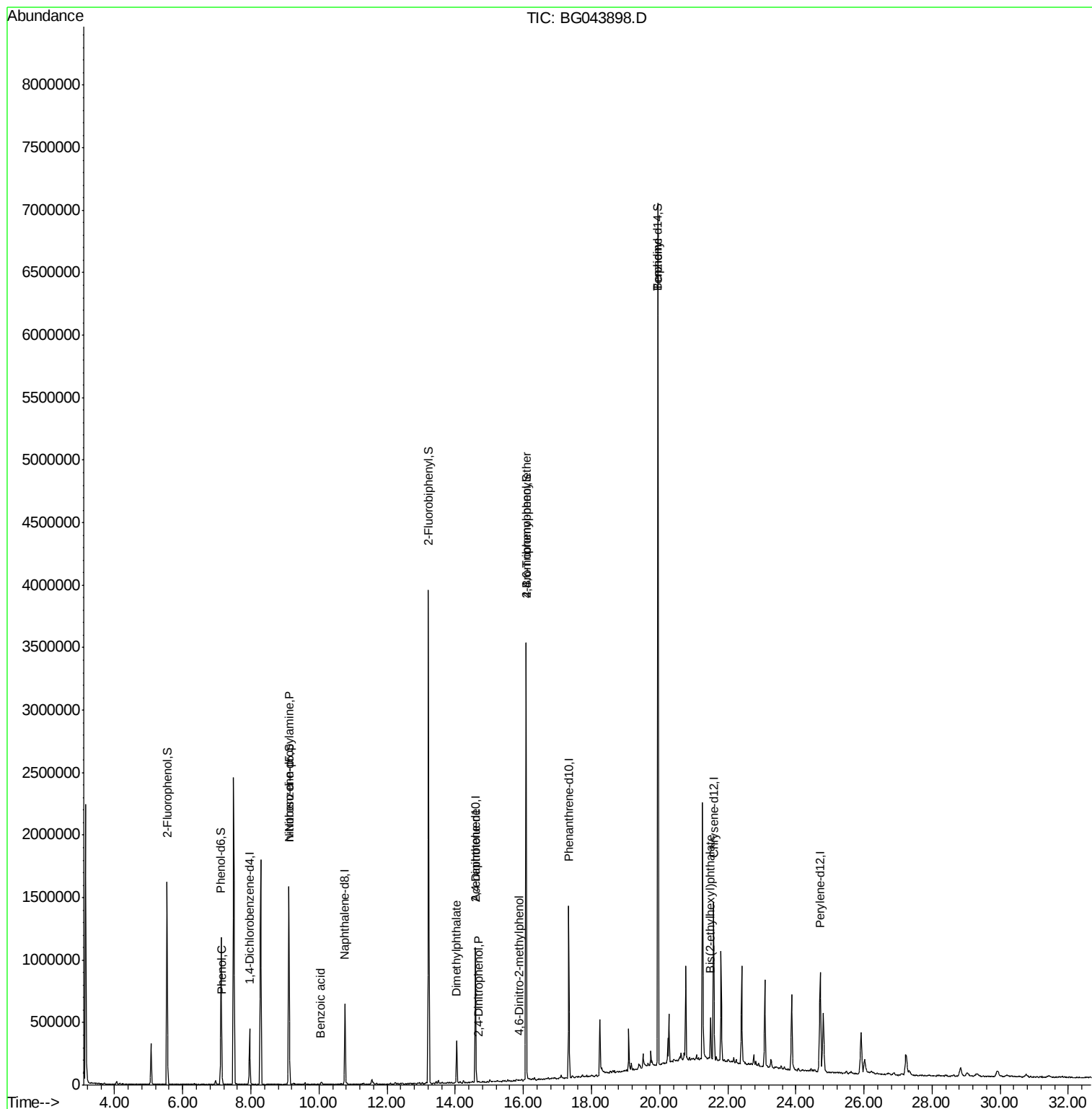
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	725634	102.63	ng	0.00
7) Phenol-d6	7.12	99	713844	72.23	ng	0.00
23) Nitrobenzene-d5	9.12	82	962669	90.34	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	623489	157.24	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1981454	94.75	ng	0.00
79) Terphenyl-d14	19.95	244	2691664	98.34	ng	0.00

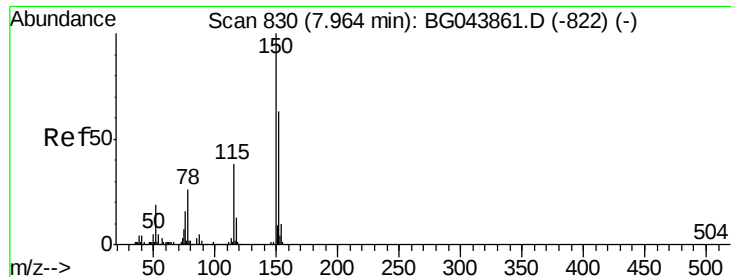
Target Compounds				Qvalue		
10) Phenol	7.15	94	39810	3.910	ng	96
19) n-Nitroso-di-n-propylamine	9.12	70	128318	17.435	ng	# 77
32) Benzoic acid	10.06	122	128	6.280	ng	# 40
50) Dimethylphthalate	14.05	163	236091	8.776	ng	96
54) 2,4-Dinitrophenol	14.69	184	54	5.499	ng	# 18
57) 2,4-Dinitrotoluene	14.59	165	51717	6.251	ng	# 27
65) 4,6-Dinitro-2-methylphenol	15.87	198	113	4.414	ng	# 1
67) 4-Bromophenyl-phenylether	16.08	248	45802	4.983	ng	# 1
77) Benzidine	19.95	184	61260	3.547	ng	# 87
84) Bis(2-ethylhexyl)phthalate	21.50	149	140132	4.757	ng	93

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

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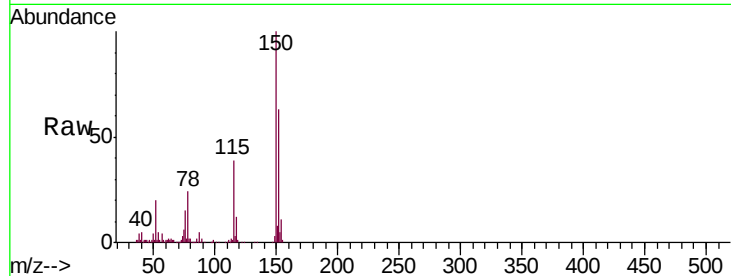




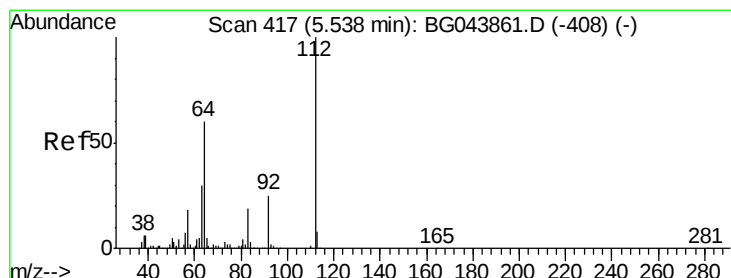
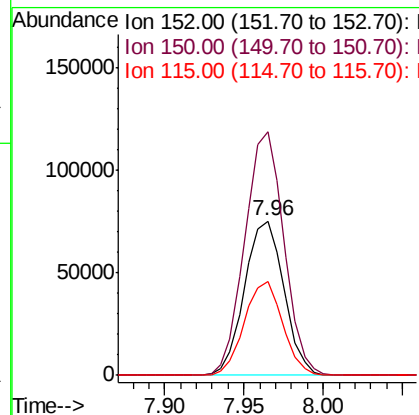
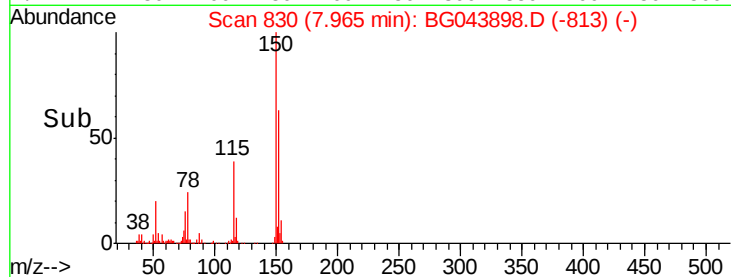
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043898.D
Acq: 3 Jan 2020 21:52

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.6	127.0	190.4
115	60.9	47.8	71.8



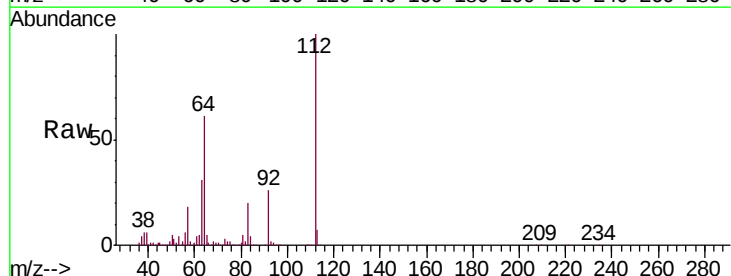
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



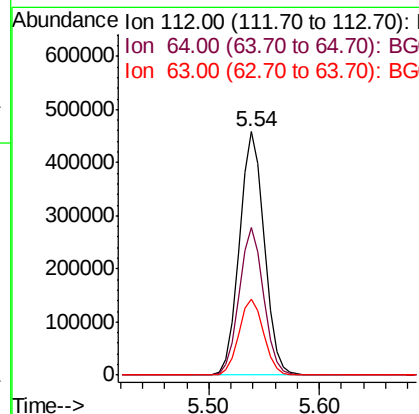
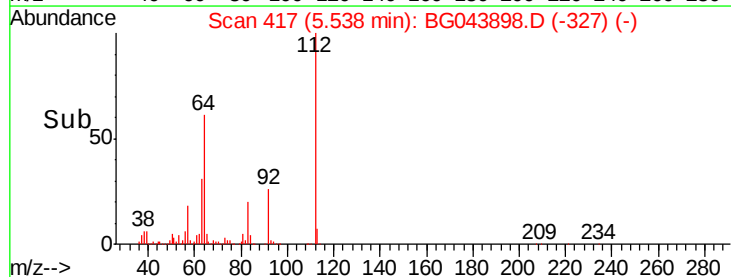
#5

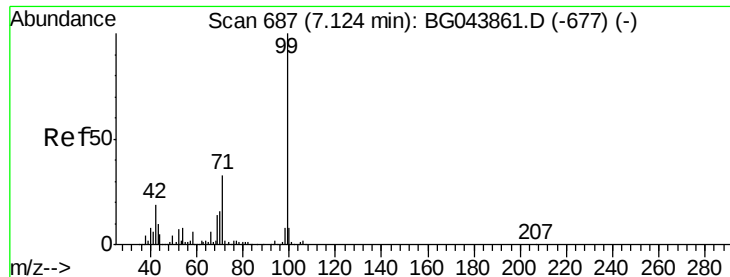
2-Fluorophenol
Concen: 102.633 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG043898.D
Acq: 3 Jan 2020 21:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	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: 72.231 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043898.D

Acq: 3 Jan 2020 21:52

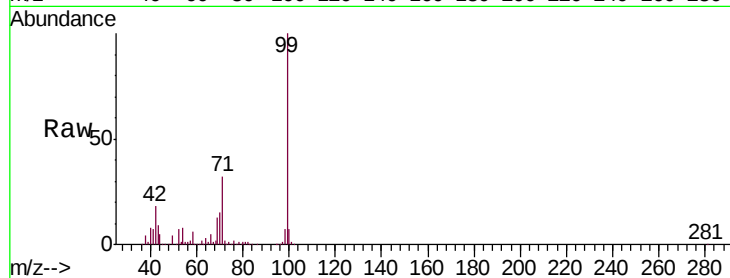
Tgt Ion: 99 Resp: 713844

Ion Ratio Lower Upper

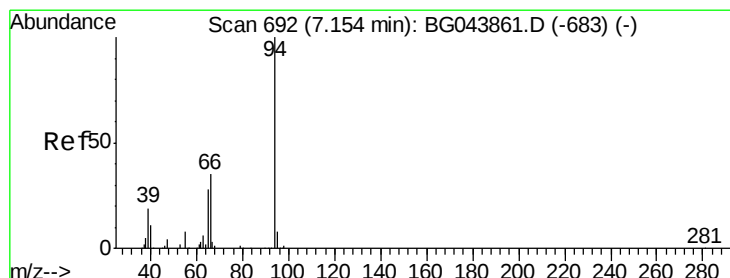
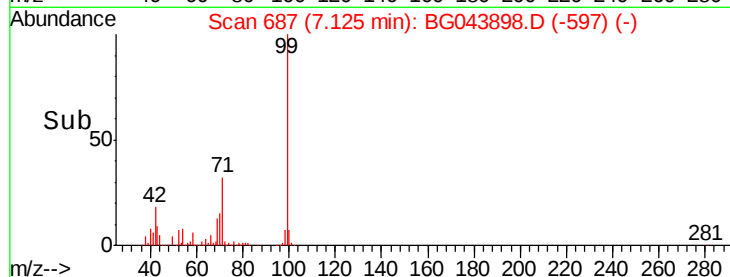
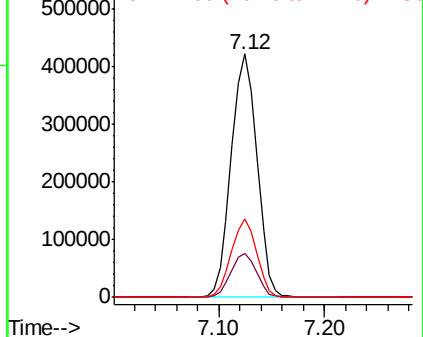
99 100

42 17.9 14.9 22.3

71 32.3 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: 3.910 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG043898.D

Acq: 3 Jan 2020 21:52

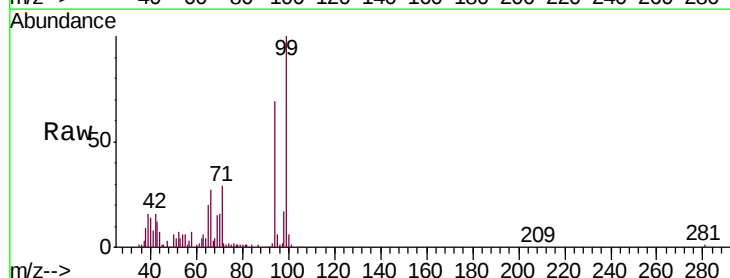
Tgt Ion: 94 Resp: 39810

Ion Ratio Lower Upper

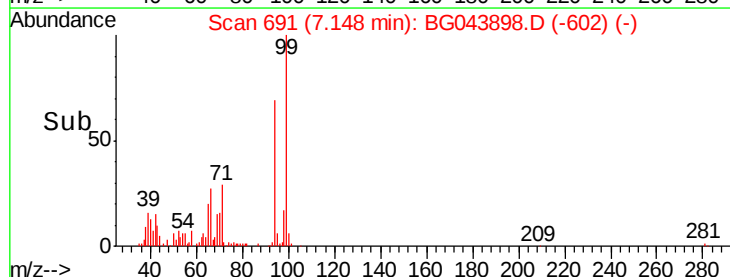
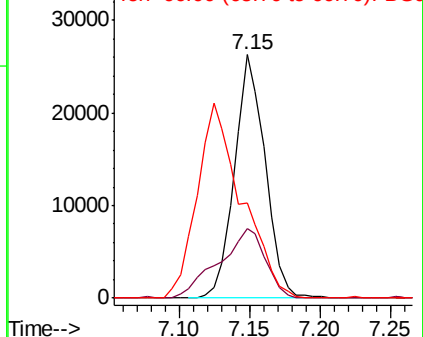
94 100

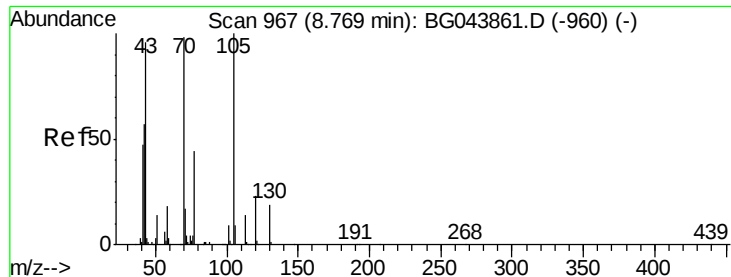
65 28.7 8.1 48.1

66 38.9 15.6 55.6



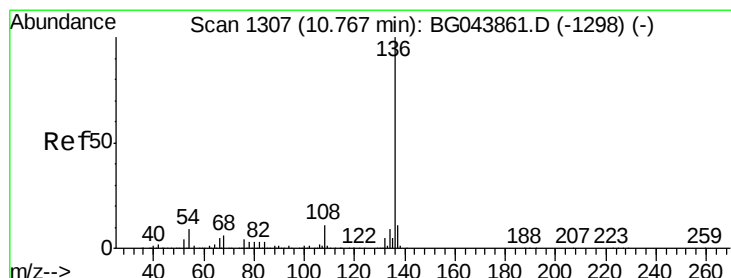
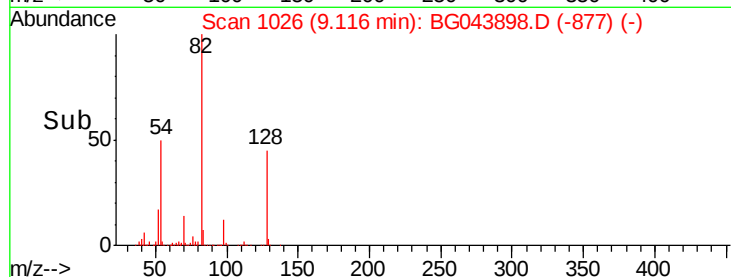
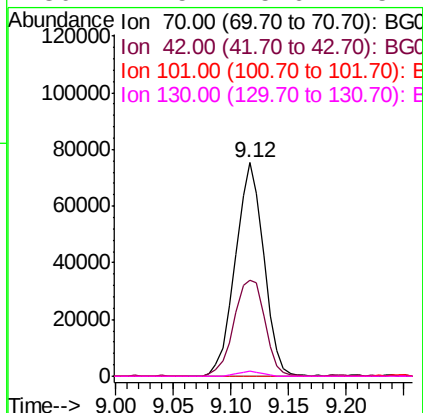
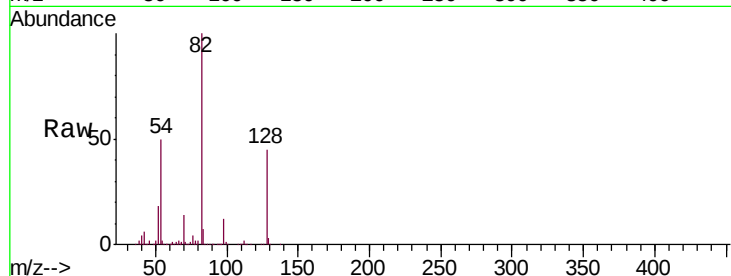
Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





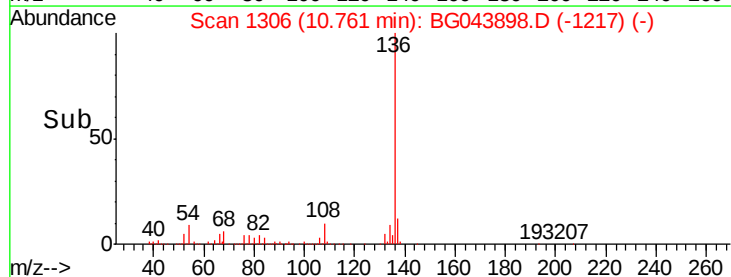
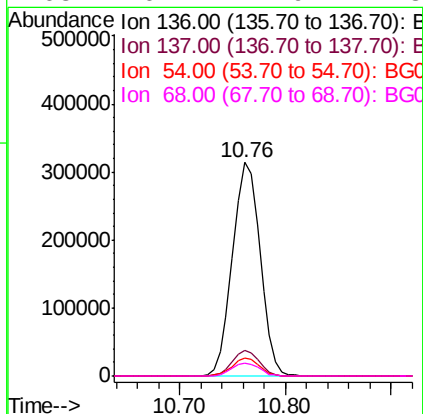
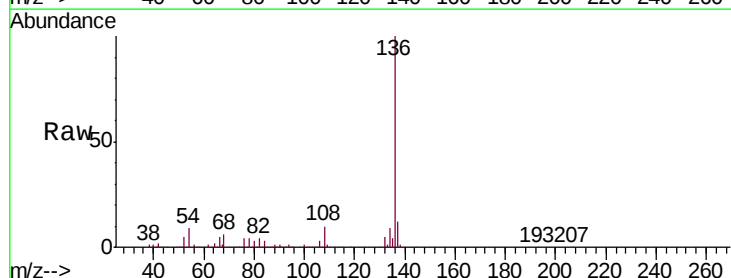
#19
n-Nitroso-di-n-propylamine
Concen: 17.435 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.35 min
Lab File: BG043898.D
Acq: 3 Jan 2020 21:52

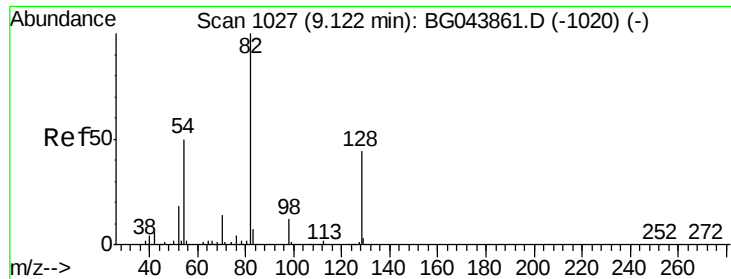
Tgt Ion: 70 Resp: 128318
Ion Ratio Lower Upper
70 100
42 45.0 47.0 70.4#
101 0.0 7.2 10.8#
130 2.5 15.6 23.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG043898.D
Acq: 3 Jan 2020 21:52

Tgt Ion: 136 Resp: 570051
Ion Ratio Lower Upper
136 100
137 11.7 8.8 13.2
54 8.5 7.0 10.4
68 6.1 4.9 7.3





#23

Nitrobenzene-d5

Concen: 90.341 ng

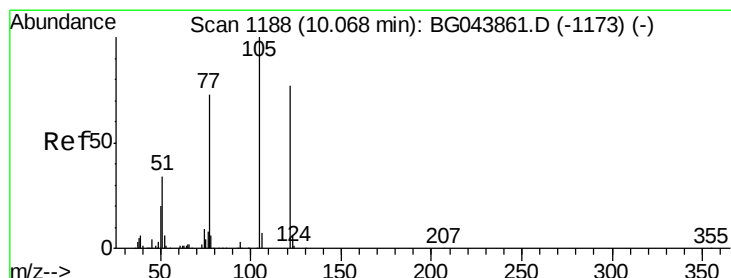
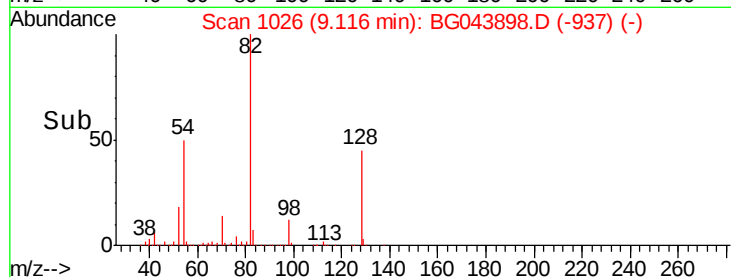
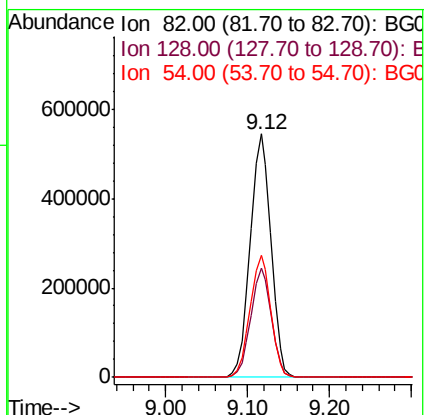
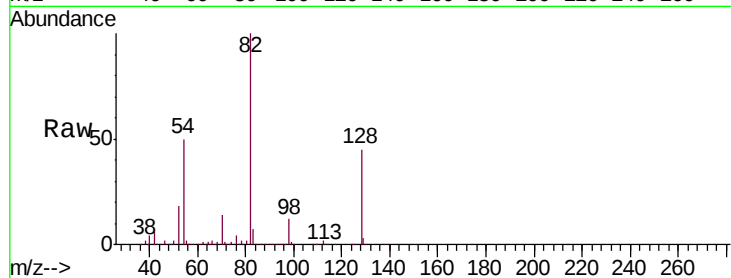
RT: 9.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BG043898.D

Acq: 3 Jan 2020 21:52

Tgt Ion:	82	Resp:	962669
Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.1	52.7
54	50.3	40.1	60.1



#32

Benzoic acid

Concen: 6.280 ng

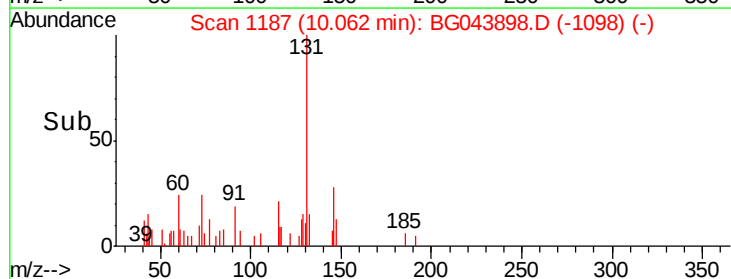
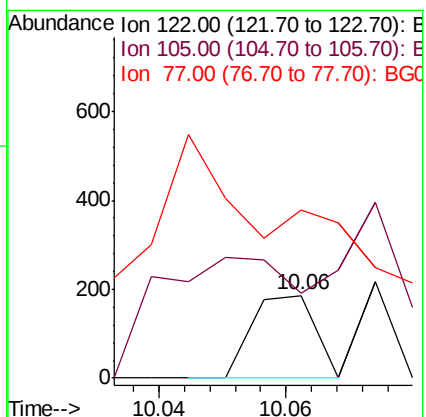
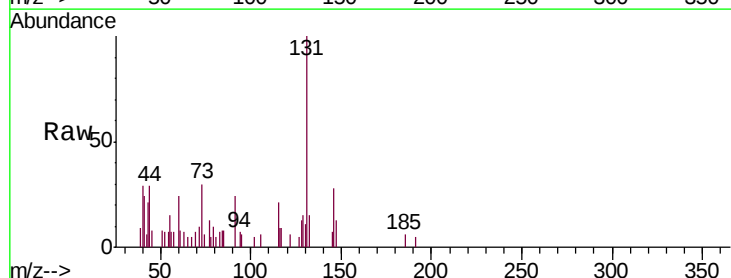
RT: 10.06 min Scan# 1187

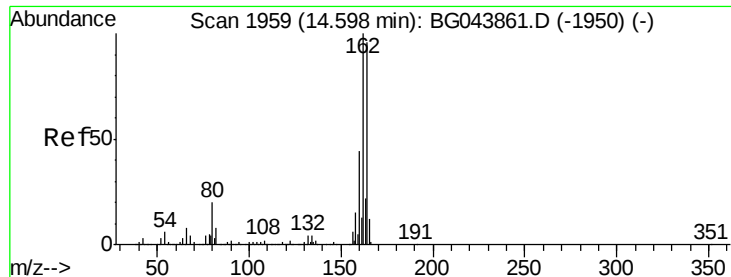
Delta R.T. -0.00 min

Lab File: BG043898.D

Acq: 3 Jan 2020 21:52

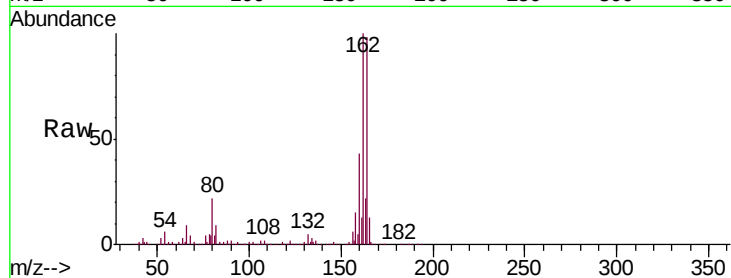
Tgt Ion:	122	Resp:	128
Ion	Ratio	Lower	Upper
122	100		
105	103.2	106.4	146.4#
77	203.8	74.6	114.6#



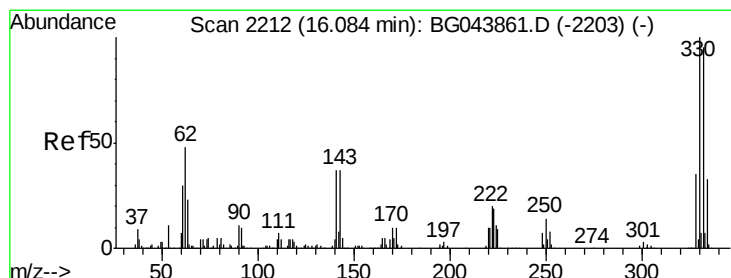
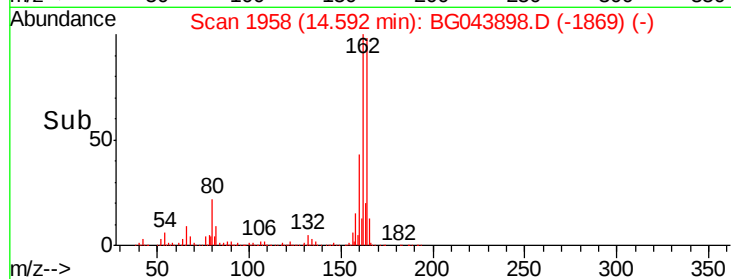
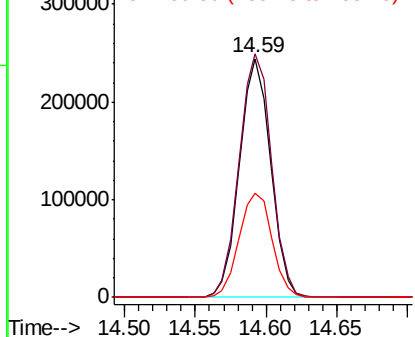


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG043898.D
Acq: 3 Jan 2020 21:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.0	124.4
160	43.7	36.1	54.1

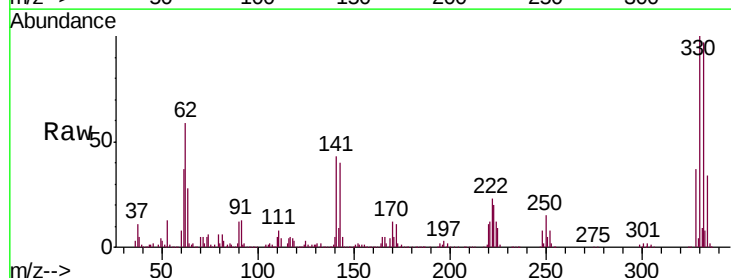


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

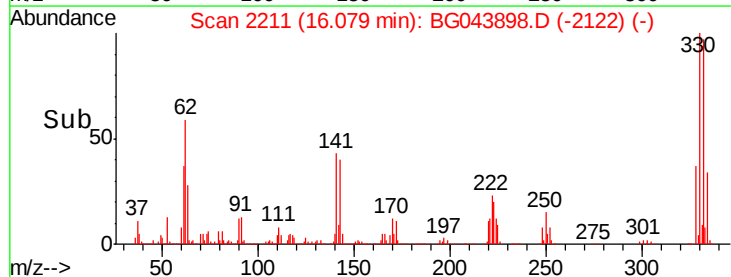
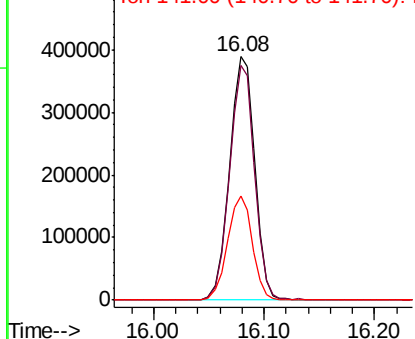


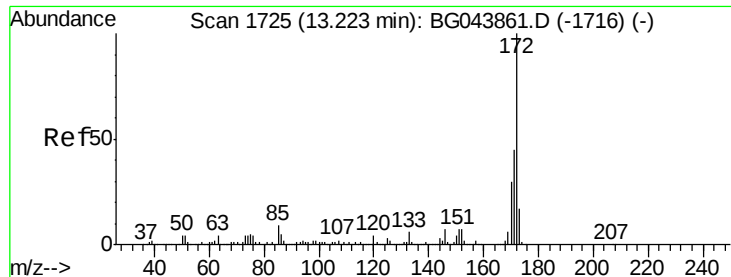
#42
2,4,6-Tribromophenol
Concen: 157.245 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BG043898.D
Acq: 3 Jan 2020 21:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.2	115.8
141	42.0	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: 94.747 ng

RT: 13.22 min Scan# 1724

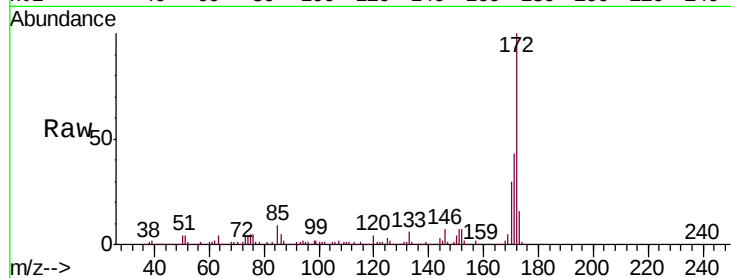
Delta R.T. -0.01 min

Lab File: BG043898.D

Acq: 3 Jan 2020 21:52

Tgt Ion:172 Resp: 1981454

Ion	Ratio	Lower	Upper
172	100		
171	43.1	35.8	53.8
170	29.6	24.2	36.4

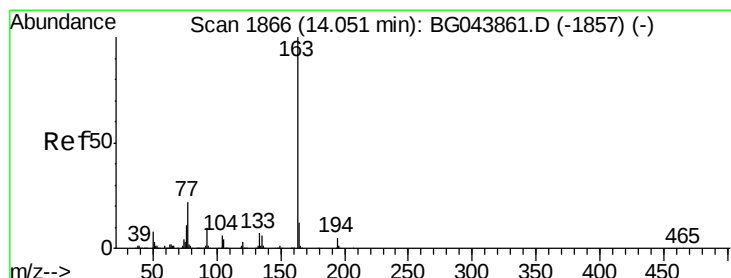
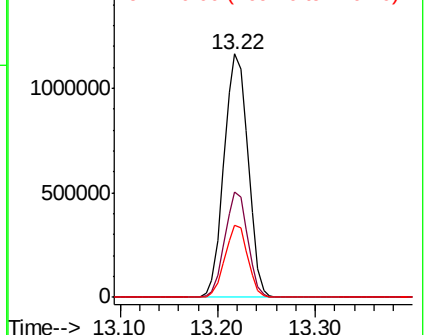
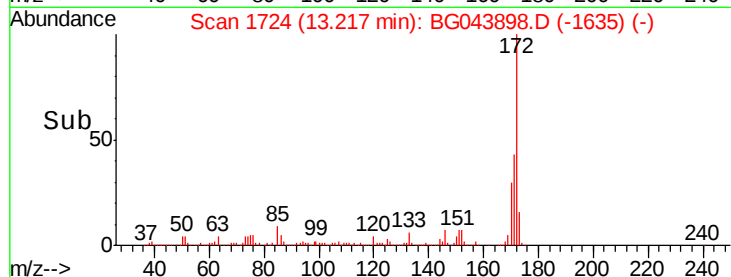


Abundance

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: 8.776 ng

RT: 14.05 min Scan# 1865

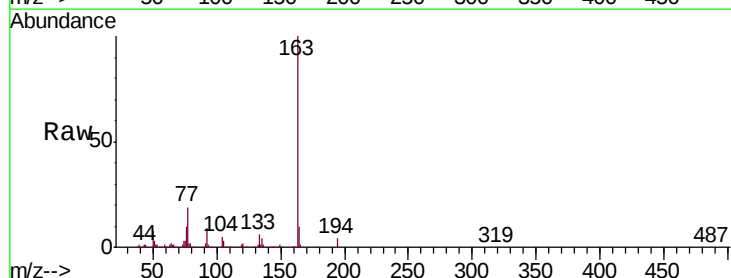
Delta R.T. -0.01 min

Lab File: BG043898.D

Acq: 3 Jan 2020 21:52

Tgt Ion:163 Resp: 236091

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.7	5.5
164	9.9	9.3	13.9

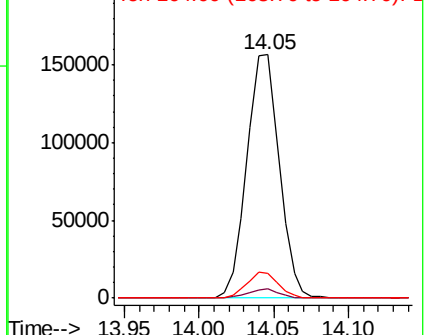
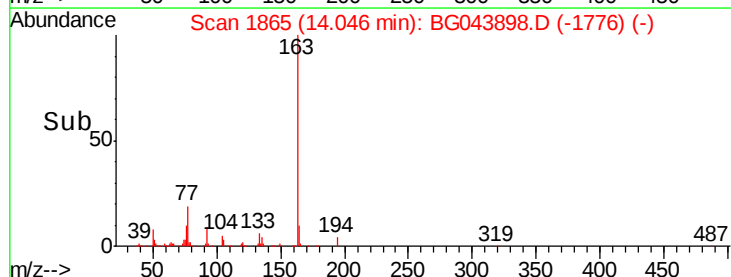


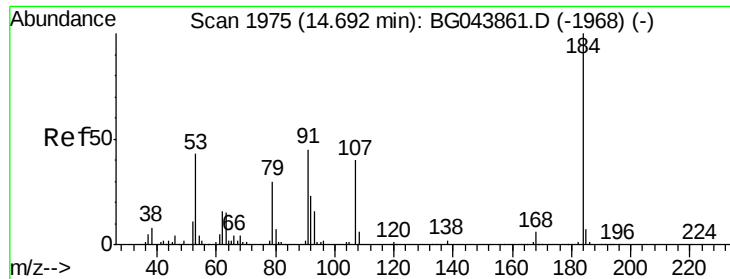
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

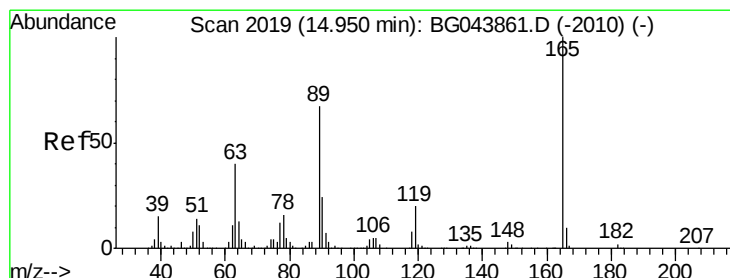
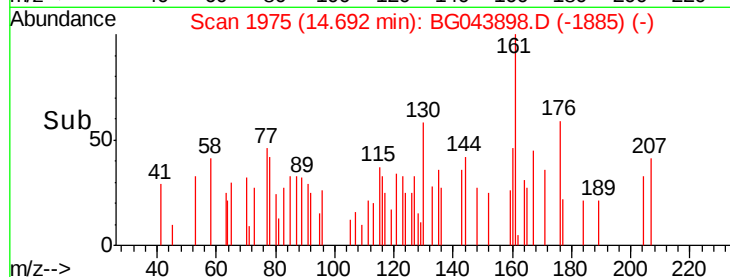
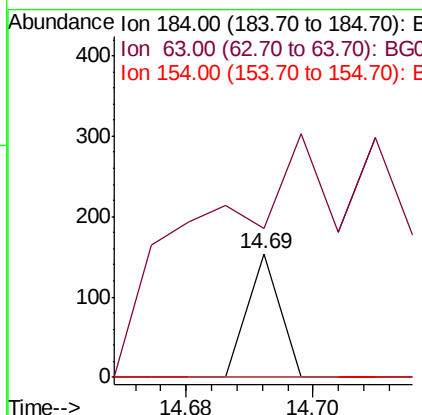
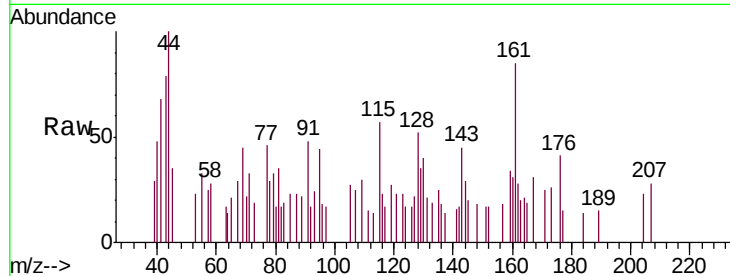
Ion 164.00 (163.70 to 164.70): E





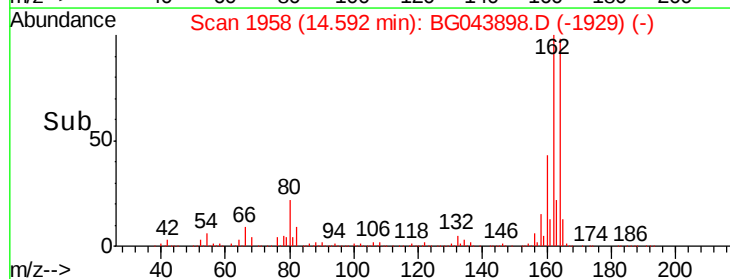
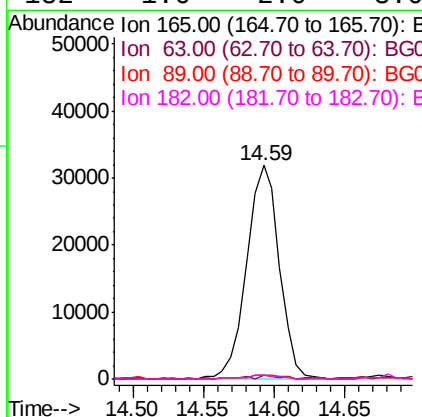
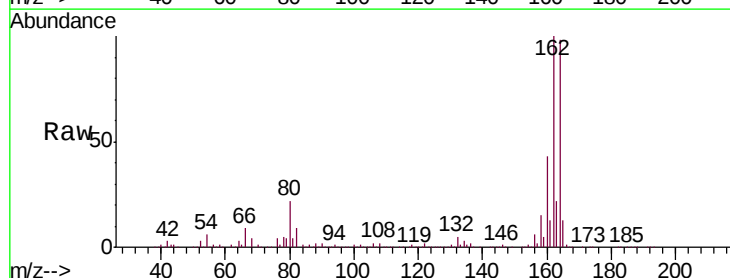
#54
2,4-Dinitrophenol
Concen: 5.499 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043898.D
Acq: 3 Jan 2020 21:52

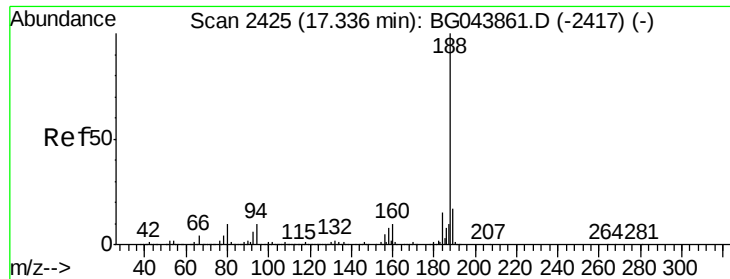
Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 120.8 46.6 70.0#
154 0.0 50.2 75.4#



#57
2,4-Dinitrotoluene
Concen: 6.251 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.36 min
Lab File: BG043898.D
Acq: 3 Jan 2020 21:52

Tgt Ion:165 Resp: 51717
Ion Ratio Lower Upper
165 100
63 1.9 31.9 47.9#
89 1.5 53.8 80.6#
182 1.6 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG043898.D

Acq: 3 Jan 2020 21:52

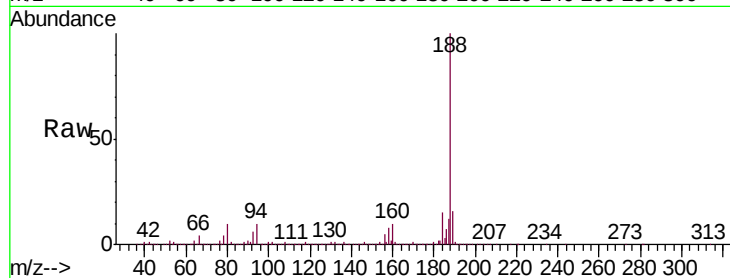
Tgt Ion:188 Resp: 817239

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

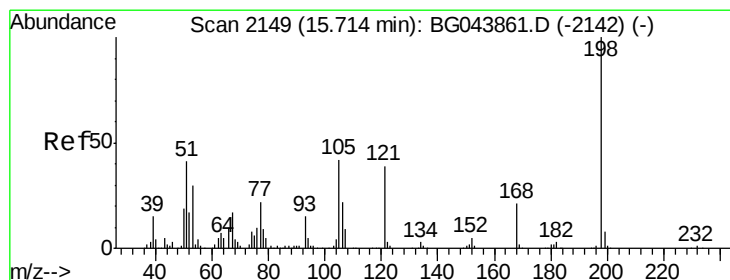
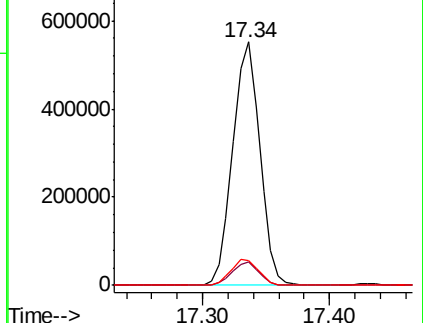
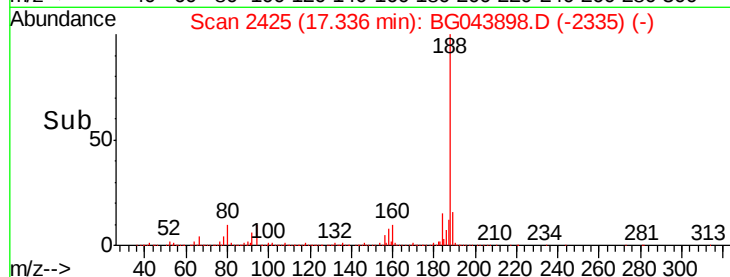
80 10.4 8.2 12.4



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: 4.414 ng

RT: 15.87 min Scan# 2176

Delta R.T. 0.16 min

Lab File: BG043898.D

Acq: 3 Jan 2020 21:52

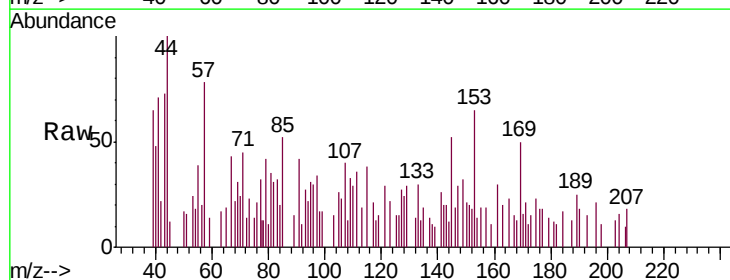
Tgt Ion:198 Resp: 113

Ion Ratio Lower Upper

198 100

51 142.7 22.5 62.5#

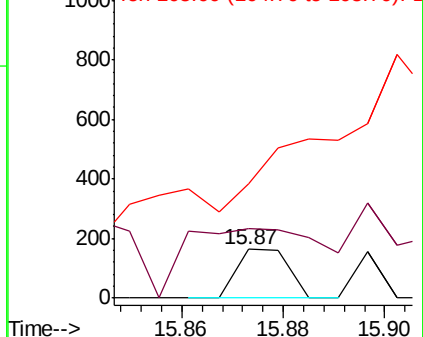
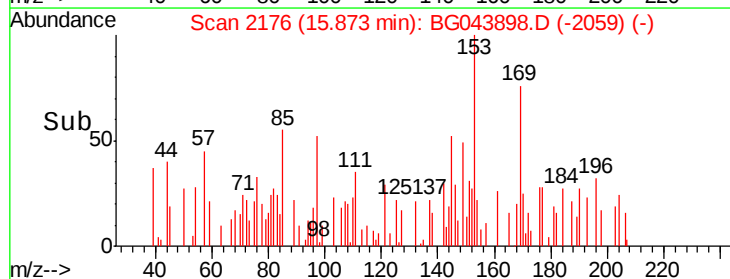
105 234.8 22.3 62.3#

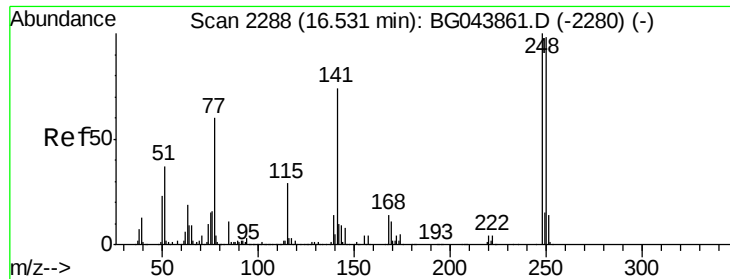


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#67

4-Bromophenyl-phenylether

Concen: 4.983 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.45 min

Lab File: BG043898.D

Acq: 3 Jan 2020 21:52

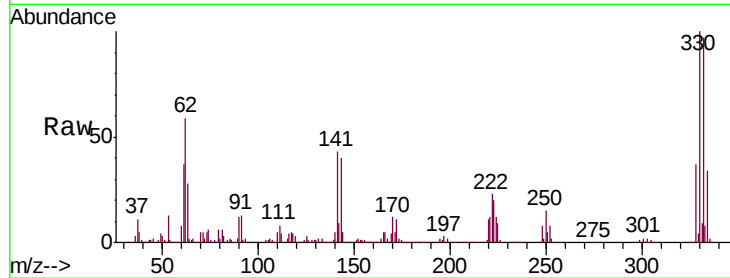
Tgt Ion: 248 Resp: 45802

Ion Ratio Lower Upper

248 100

250 197.4 78.2 117.2#

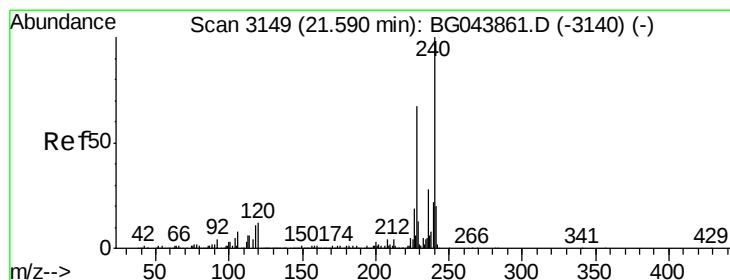
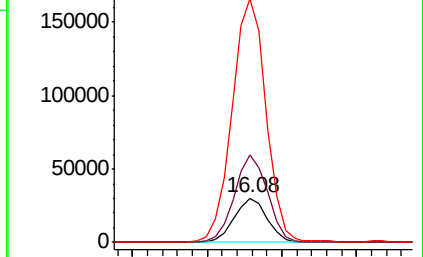
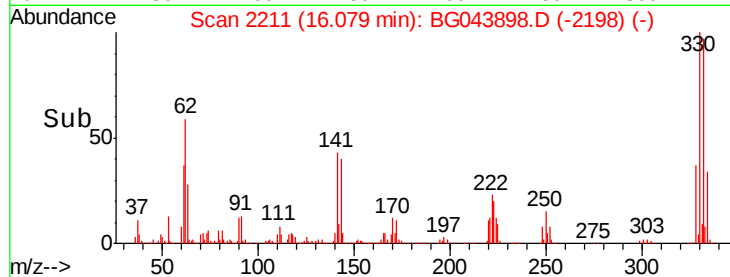
141 551.2 59.3 88.9#



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: BG043898.D

Acq: 3 Jan 2020 21:52

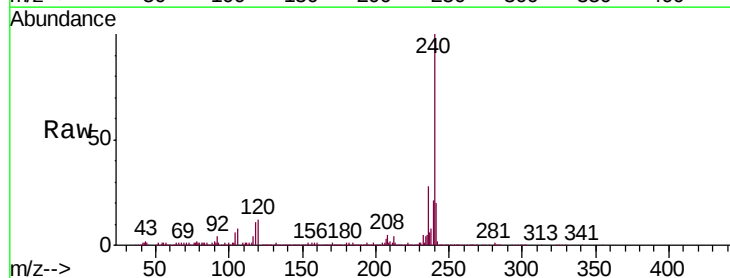
Tgt Ion: 240 Resp: 687020

Ion Ratio Lower Upper

240 100

120 12.1 9.6 14.4

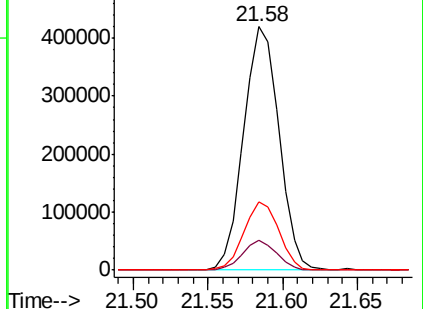
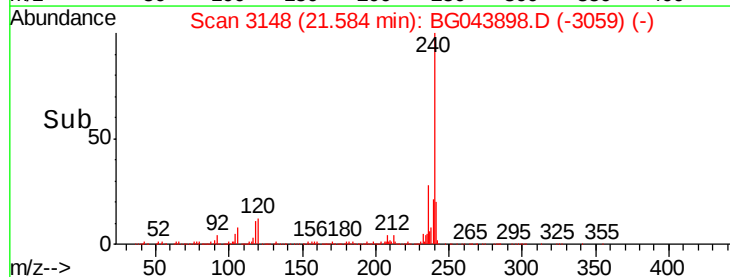
236 27.8 22.2 33.2

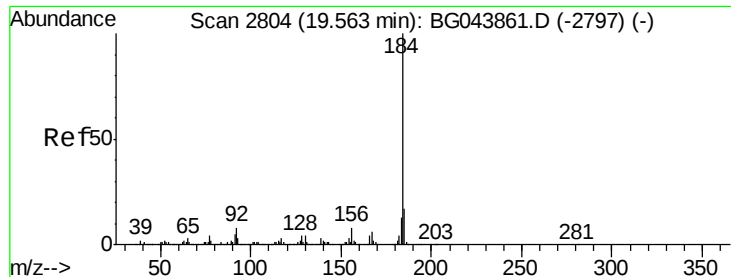


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.547 ng

RT: 19.95 min Scan# 2870

Delta R.T. 0.39 min

Lab File: BG043898.D

Acq: 3 Jan 2020 21:52

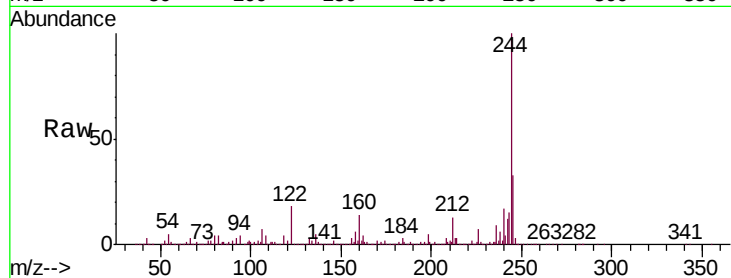
Tgt Ion:184 Resp: 61260

Ion Ratio Lower Upper

184 100

185 23.0 13.4 20.0#

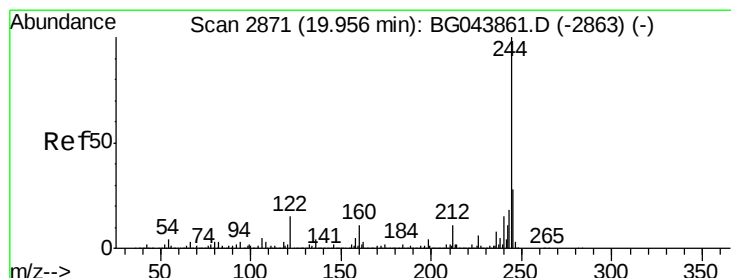
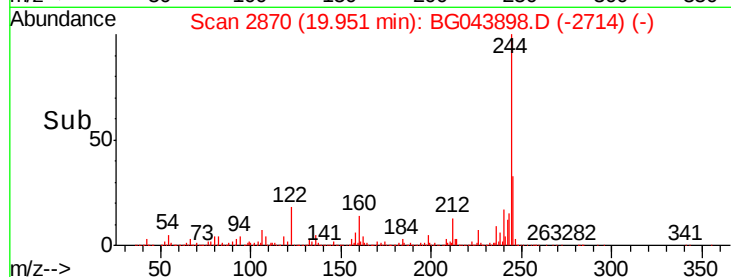
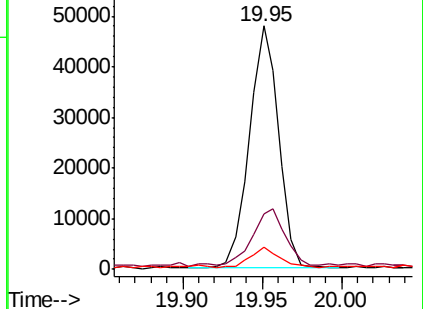
183 9.0 10.6 15.8#



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: 98.336 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG043898.D

Acq: 3 Jan 2020 21:52

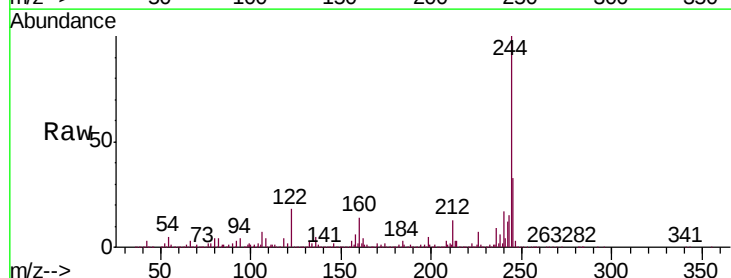
Tgt Ion:244 Resp: 2691664

Ion Ratio Lower Upper

244 100

212 12.9 8.6 13.0

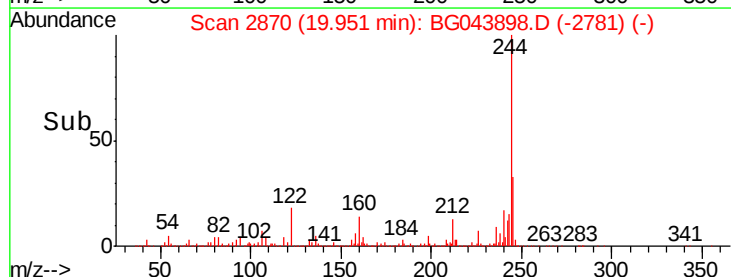
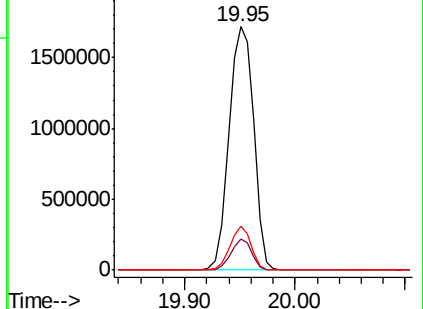
122 18.1 11.9 17.9#

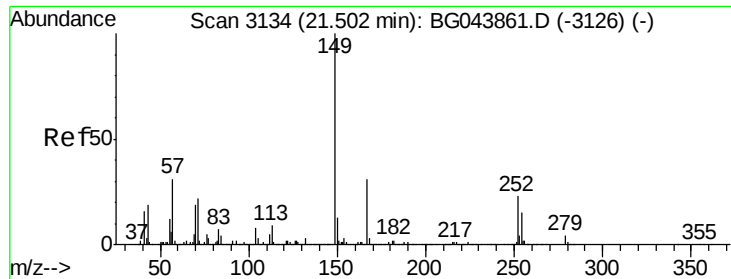


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.757 ng

RT: 21.50 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG043898.D

Acq: 3 Jan 2020 21:52

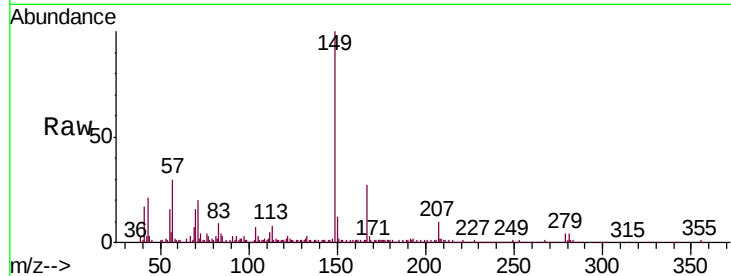
Tgt Ion:149 Resp: 140132

Ion Ratio Lower Upper

149 100

167 26.8 24.7 37.1

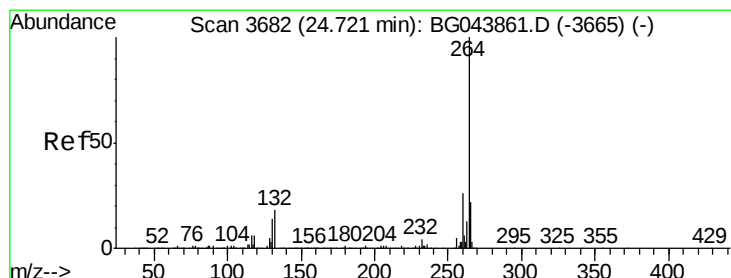
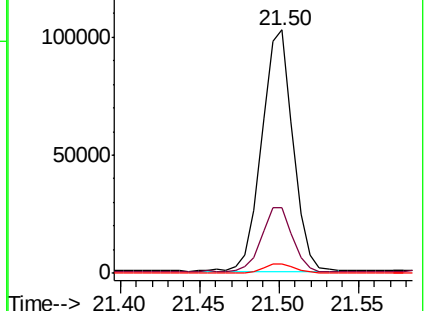
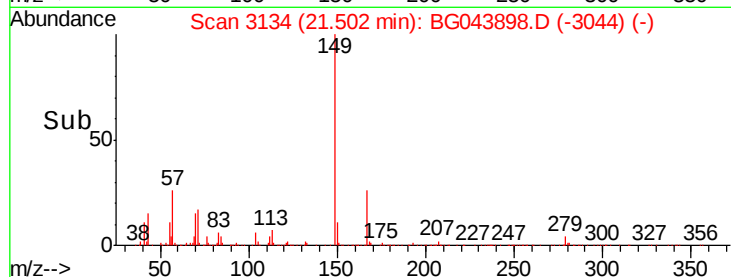
279 4.0 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.72 min Scan# 3681

Delta R.T. -0.01 min

Lab File: BG043898.D

Acq: 3 Jan 2020 21:52

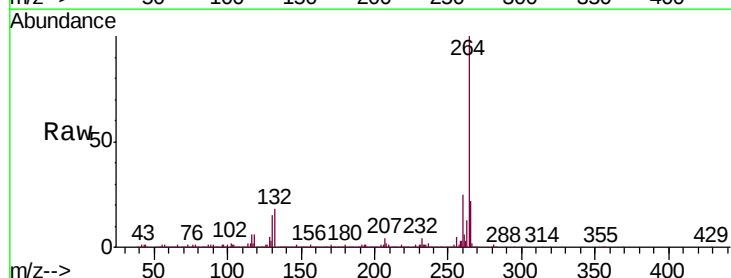
Tgt Ion:264 Resp: 797010

Ion Ratio Lower Upper

264 100

260 25.2 20.4 30.6

265 21.6 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

