

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044353.D
 Acq On : 8 Feb 2020 2:48
 Operator : CG/JU
 Sample : L1431-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

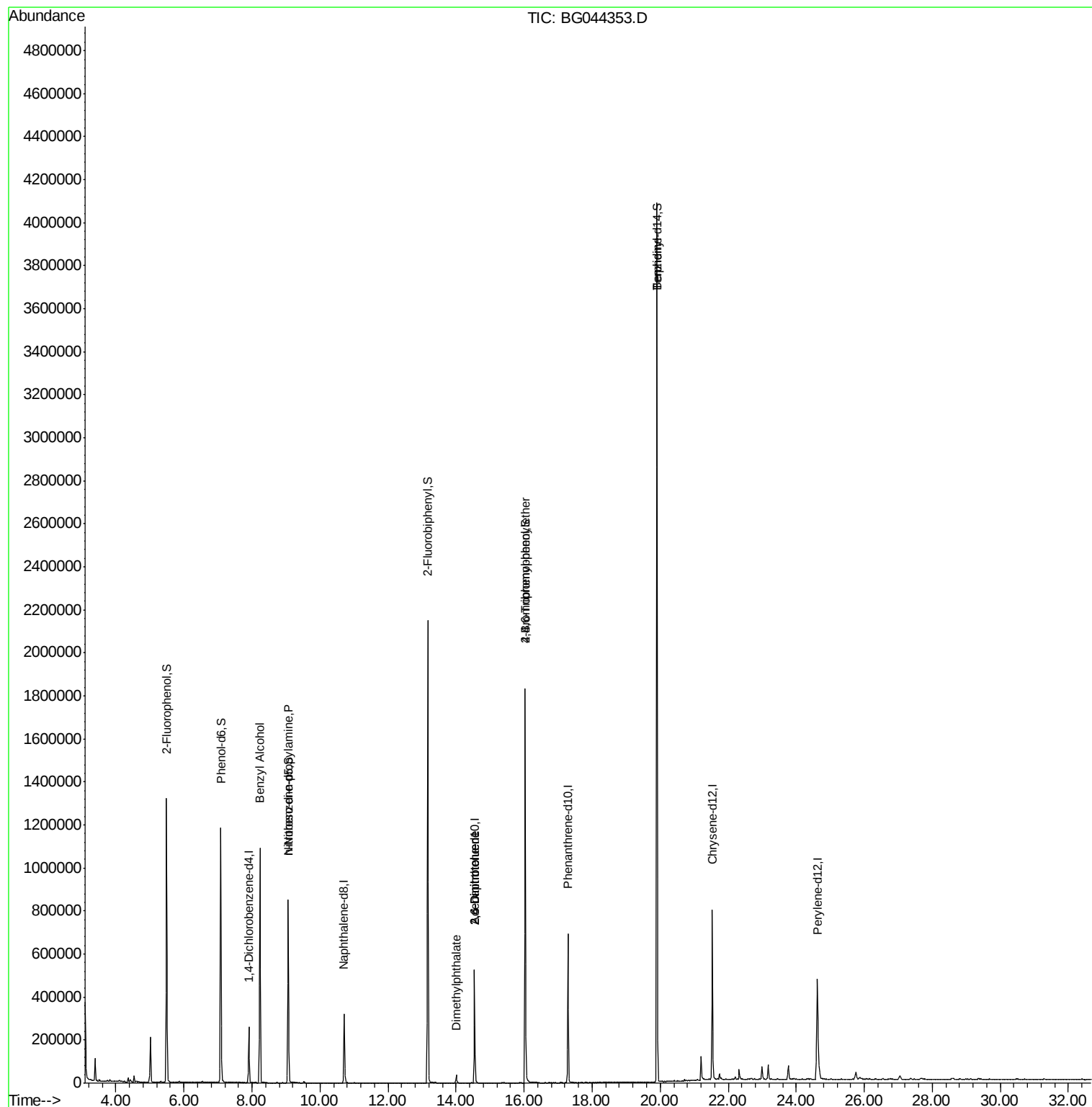
Quant Time: Feb 08 03:24:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

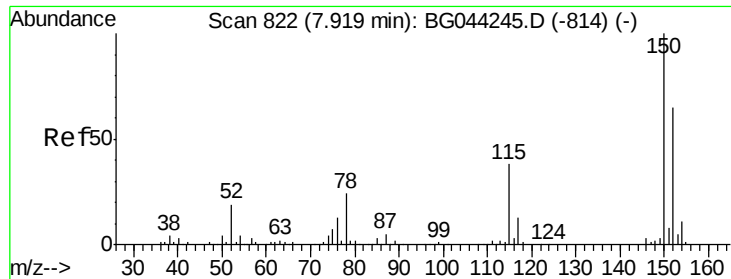
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	77761	20.00	ng	-0.01
21) Naphthalene-d8	10.71	136	306464	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	190934	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	454155	20.00	ng	0.00
76) Chrysene-d12	21.53	240	463369	20.00	ng	-0.01
87) Perylene-d12	24.62	264	473528	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	637500	144.69	ng	0.00
7) Phenol-d6	7.08	99	762294	128.84	ng	0.00
23) Nitrobenzene-d5	9.06	82	544352	100.28	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	367605	164.00	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1199830	105.23	ng	0.00
79) Terphenyl-d14	19.91	244	2040519	90.58	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.23	79	8739	2.086	ng	# 47
19) n-Nitroso-di-n-propylamine	9.06	70	71399	18.107	ng	# 78
50) Dimethylphthalate	14.00	163	34948	2.546	ng	# 97
51) 2,6-Dinitrotoluene	14.55	165	24840	8.117	ng	# 30
57) 2,4-Dinitrotoluene	14.55	165	24840	5.791	ng	# 27
67) 4-Bromophenyl-phenylether	16.04	248	25476	5.149	ng	# 1
77) Benzydine	19.91	184	34098	2.653	ng	# 91

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

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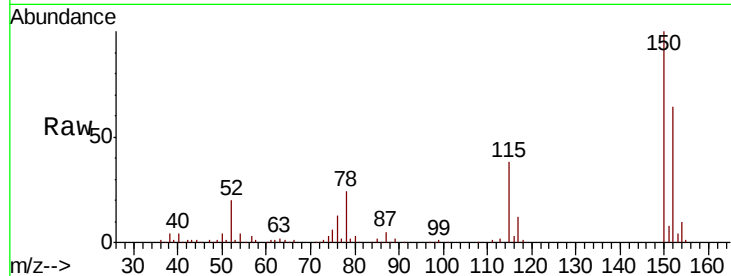




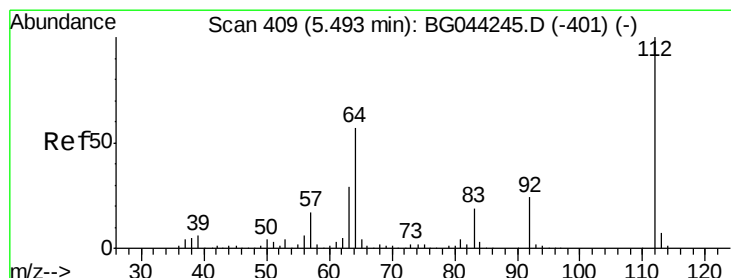
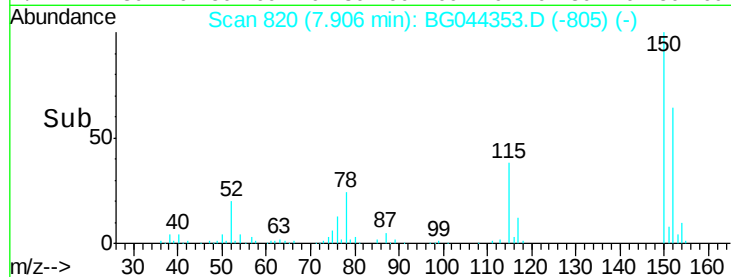
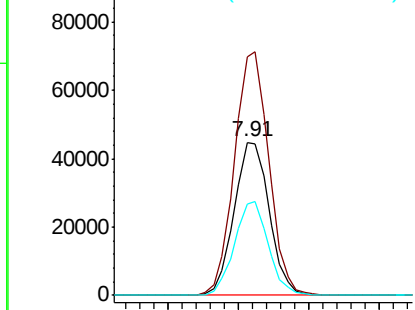
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BG044353.D
Acq: 8 Feb 2020 2:48

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.6	183.8
115	59.6	46.0	69.0



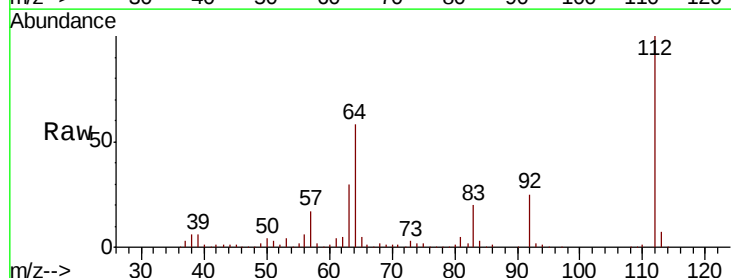
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



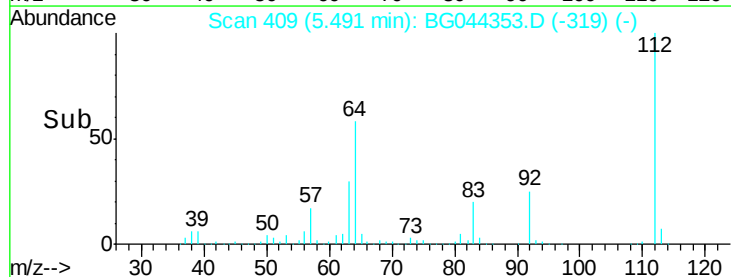
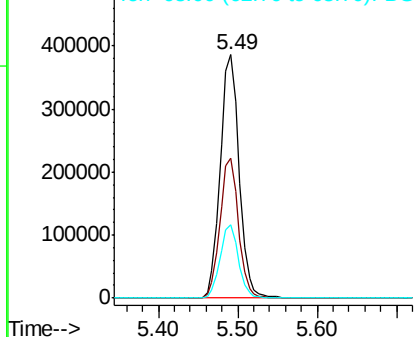
#5

2-Fluorophenol
Concen: 144.685 ng
RT: 5.49 min Scan# 409
Delta R.T. -0.00 min
Lab File: BG044353.D
Acq: 8 Feb 2020 2:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	45.4	68.2
63	30.1	22.9	34.3



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: 128.837 ng

RT: 7.08 min Scan# 680

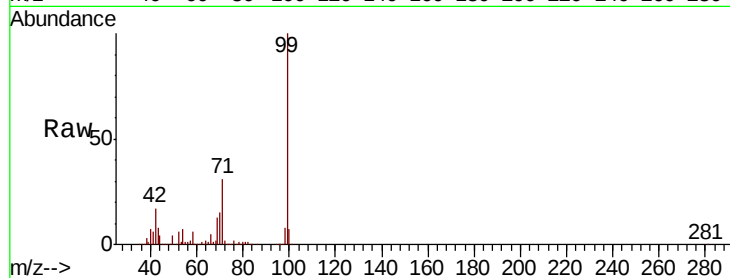
Delta R.T. -0.00 min

Lab File: BG044353.D

Acq: 8 Feb 2020 2:48

Tot Ion: 99 Resp: 762294

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.6
71	30.9	25.5	38.3

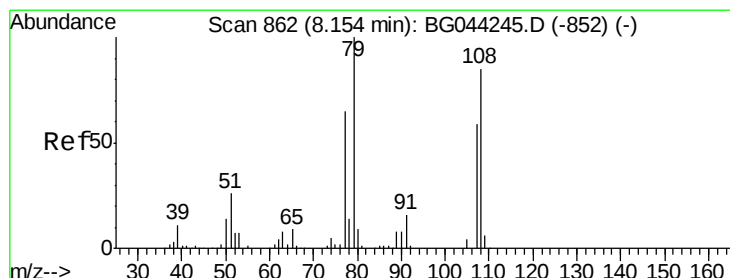
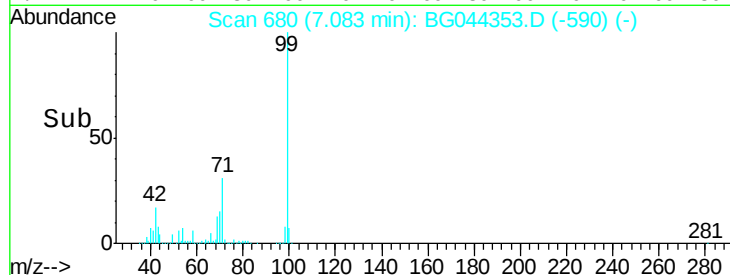
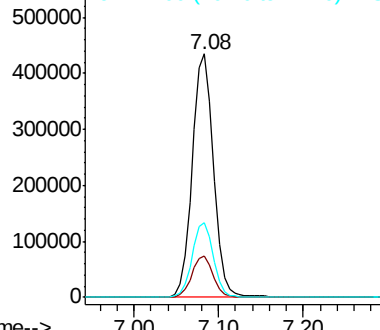


Abundance

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



#15

Benzyl Alcohol

Concen: 2.086 ng

RT: 8.23 min Scan# 875

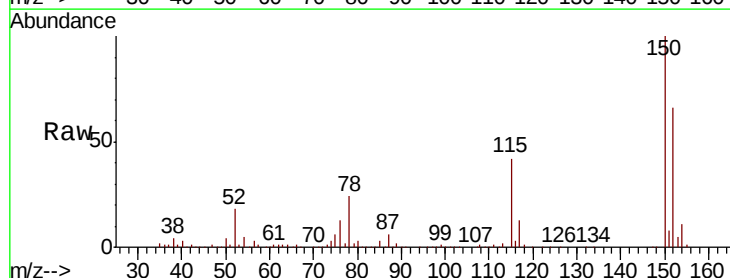
Delta R.T. 0.07 min

Lab File: BG044353.D

Acq: 8 Feb 2020 2:48

Tgt Ion: 79 Resp: 8739

Ion	Ratio	Lower	Upper
79	100		
108	38.9	68.3	102.5#
77	109.6	51.8	77.8#

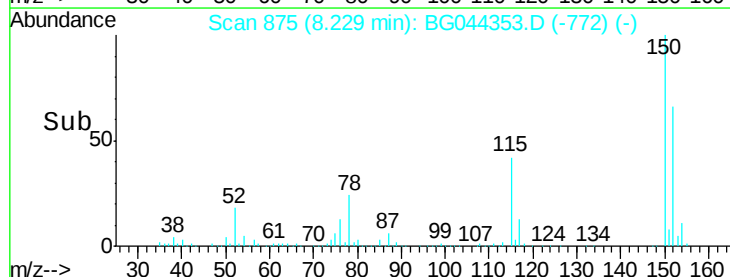
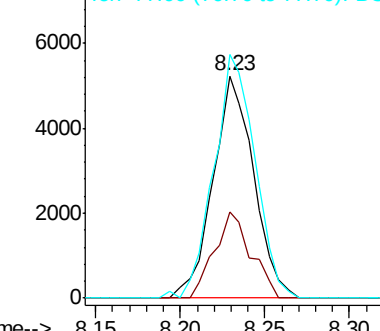


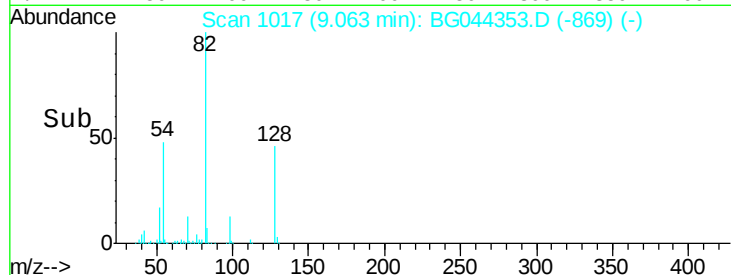
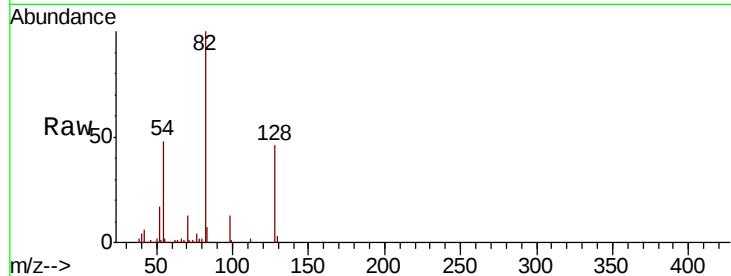
Abundance

Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

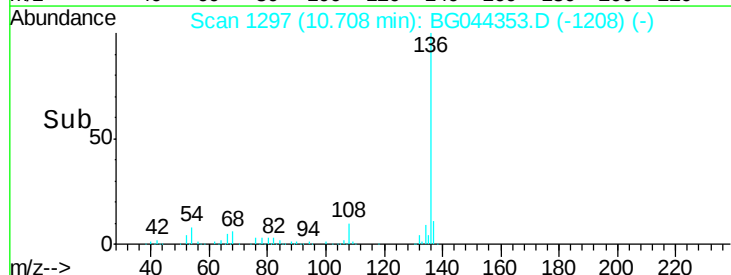
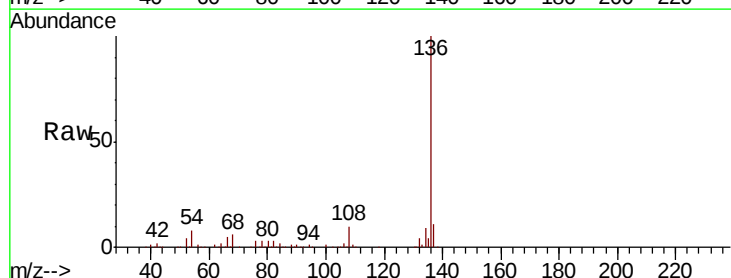
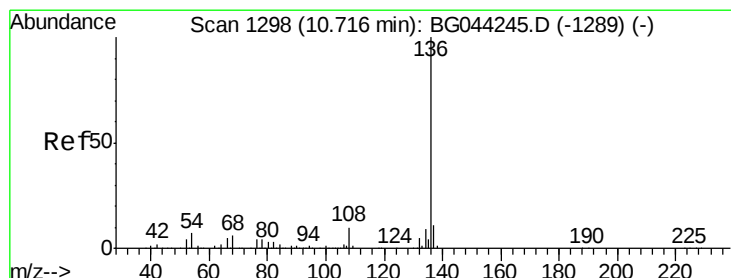
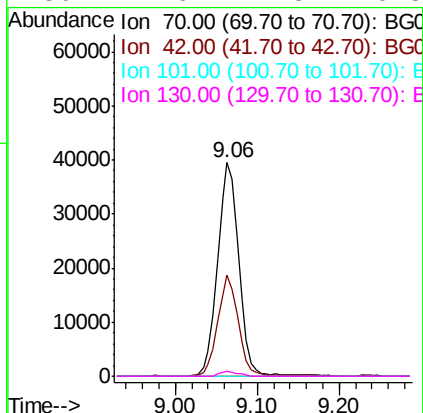
Ion 77.00 (76.70 to 77.70): BGC





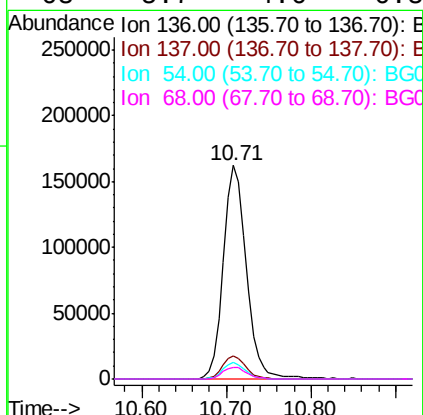
#19
n-Nitroso-di-n-propylamine
Concen: 18.107 ng
RT: 9.06 min Scan# 1017
Delta R.T. 0.34 min
Lab File: BG044353.D
Acq: 8 Feb 2020 2:48

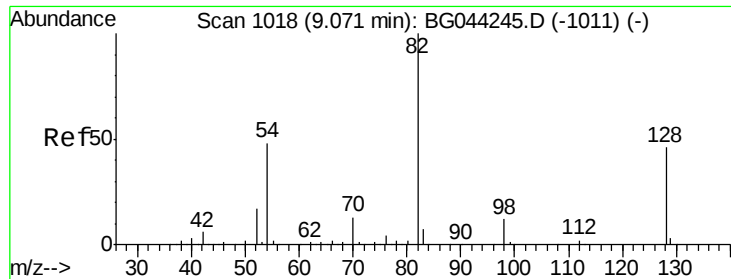
Tot Ion: 70 Resp: 71399
Ion Ratio Lower Upper
70 100
42 47.5 46.2 69.2
101 0.0 8.4 12.6#
130 2.6 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG044353.D
Acq: 8 Feb 2020 2:48

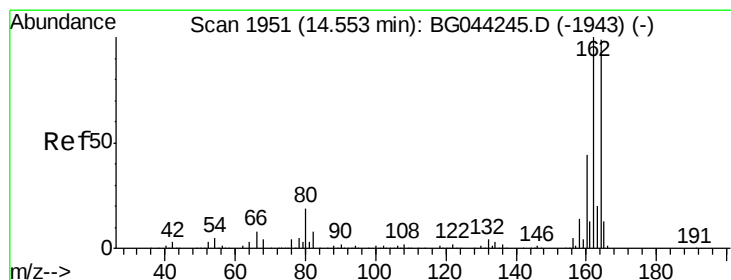
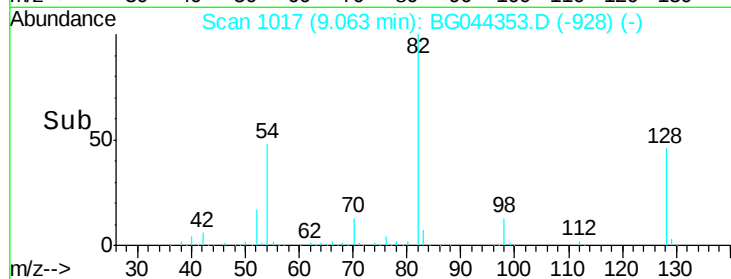
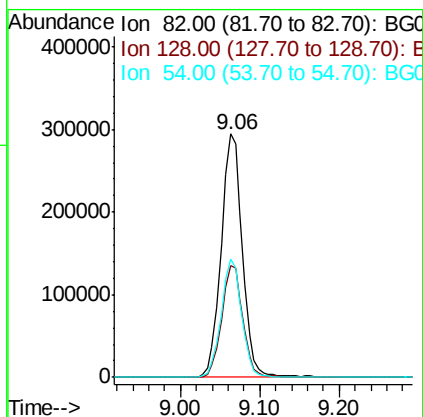
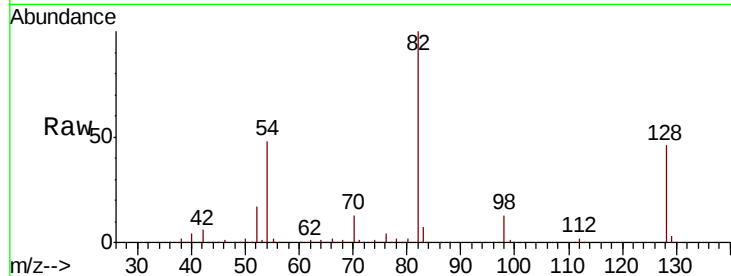
Tgt Ion: 136 Resp: 306464
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.6 5.8 8.8
68 5.7 4.6 6.8





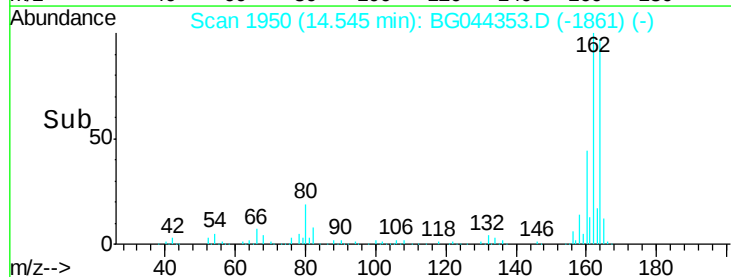
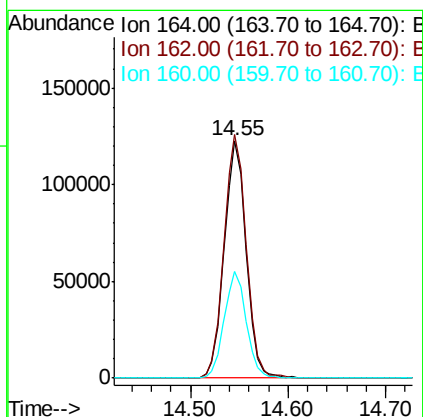
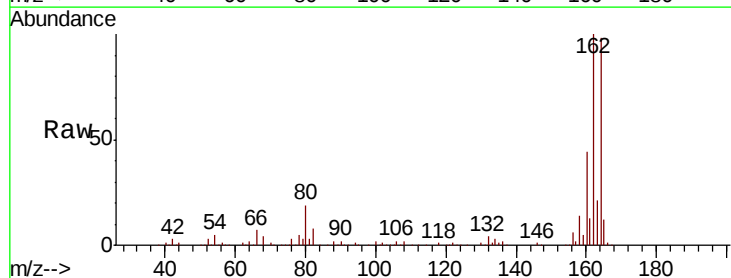
#23
Nitrobenzene-d5
Concen: 100.280 ng
RT: 9.06 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG044353.D
Acq: 8 Feb 2020 2:48

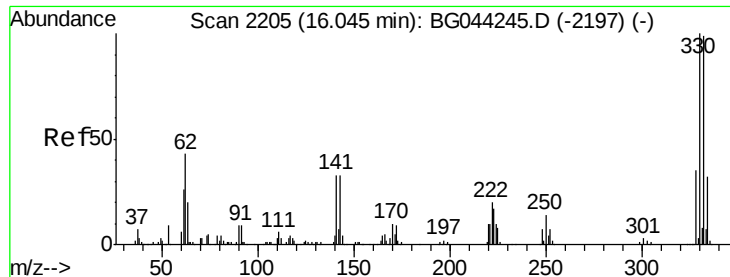
Tot Ion	82	Resp	544352
Ion Ratio	100		
Lower		36.5	
Upper		54.7	
54	48.4	38.6	58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG044353.D
Acq: 8 Feb 2020 2:48

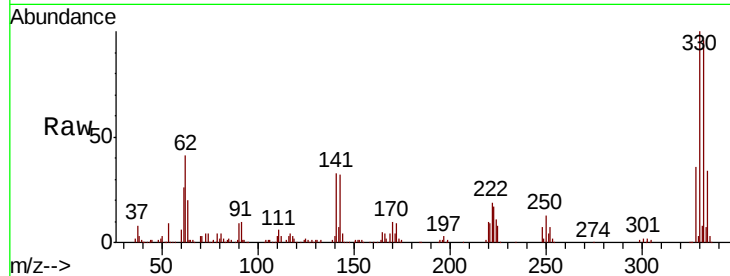
Tgt Ion	164	Resp	190934
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower		80.7	
Upper		121.1	
162	102.4	35.3	52.9
160	44.8		



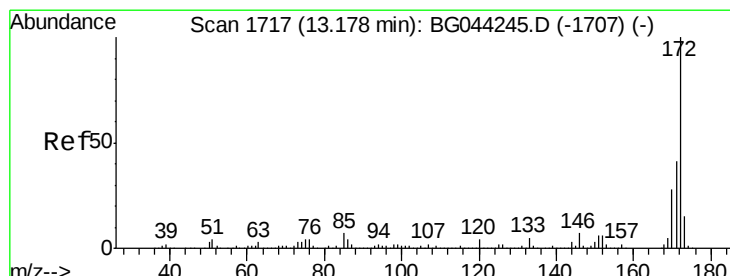
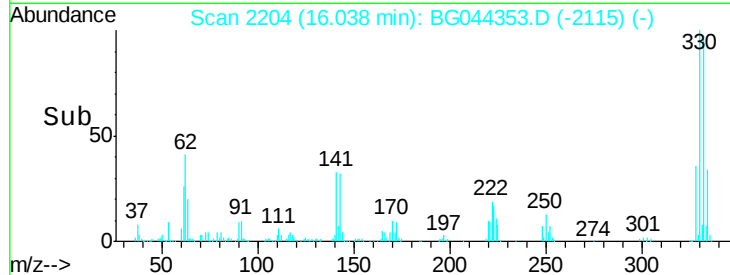
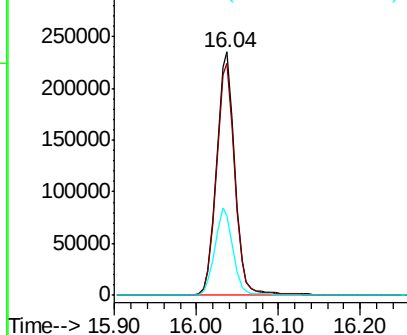


#42
 2,4,6-Tribromophenol
 Concen: 164.003 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG044353.D
 Acq: 8 Feb 2020 2:48

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.2	115.8
141	35.4	28.3	42.5

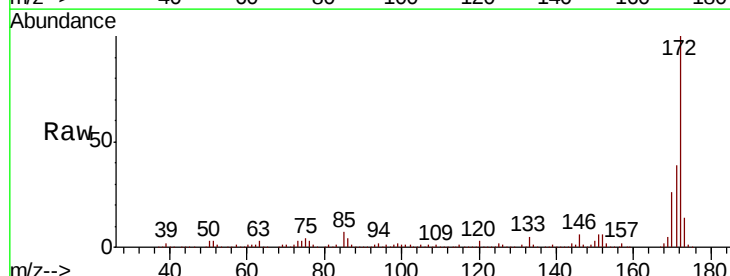


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

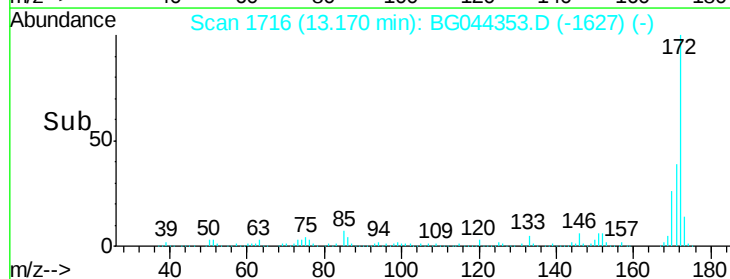
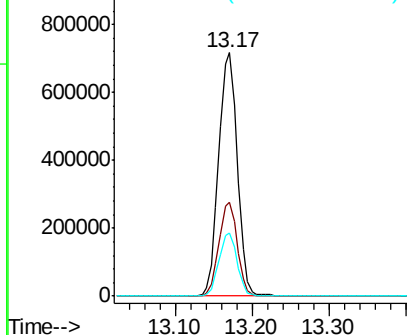


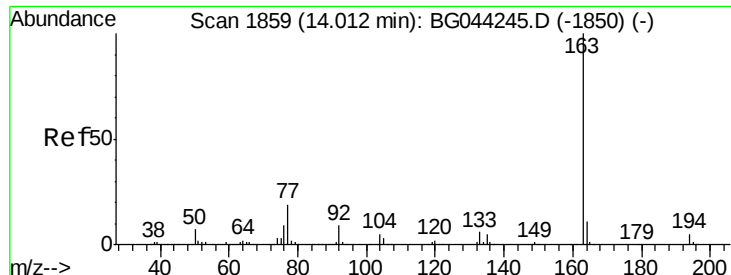
#45
 2-Fluorobiphenyl
 Concen: 105.229 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG044353.D
 Acq: 8 Feb 2020 2:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	32.9	49.3
170	26.2	22.0	33.0



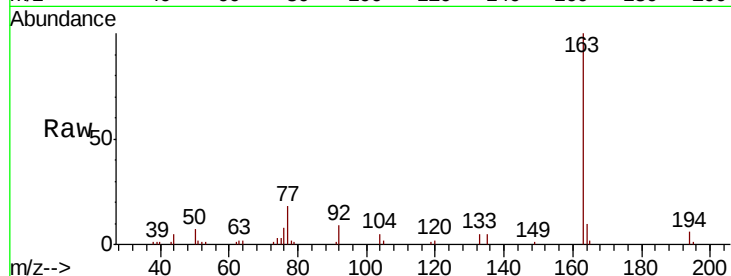
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



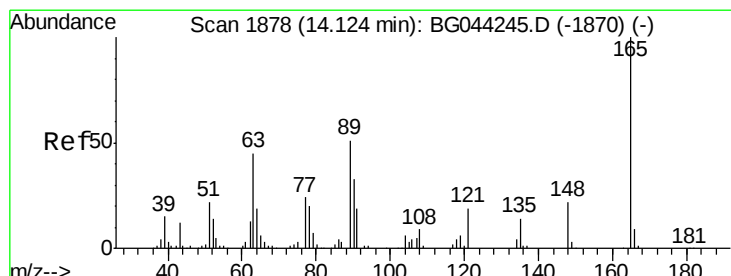
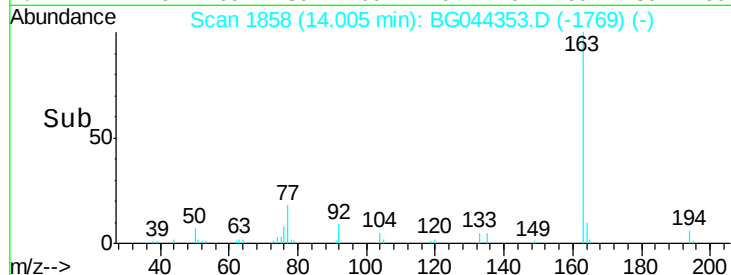
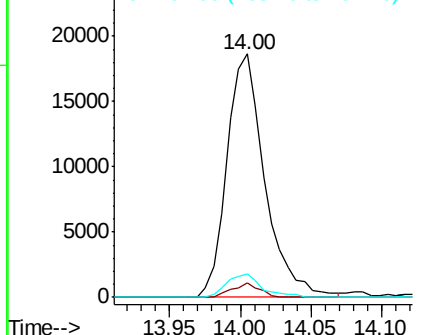


#50
Dimethylphthalate
Concen: 2.546 ng
RT: 14.00 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG044353.D
Acq: 8 Feb 2020 2:48

Tot Ion:163 Resp: 34948
Ion Ratio Lower Upper
163 100
194 5.9 3.6 5.4#
164 9.9 8.7 13.1

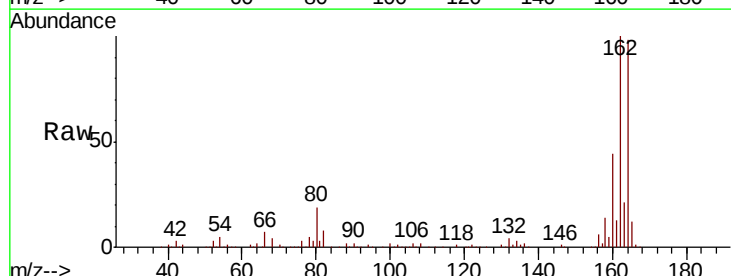


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

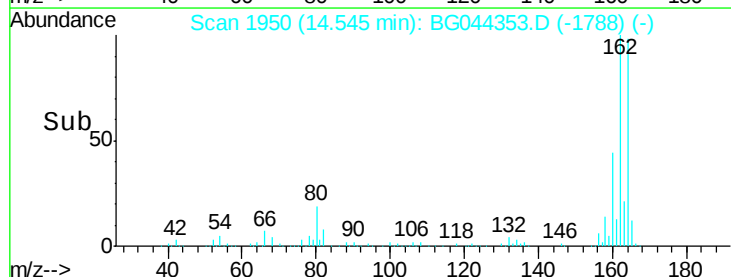
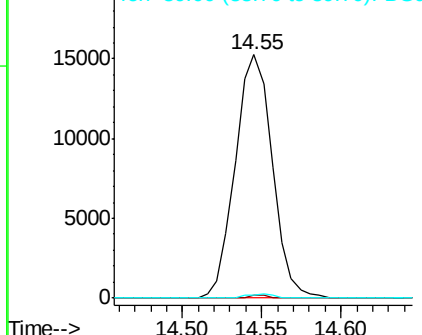


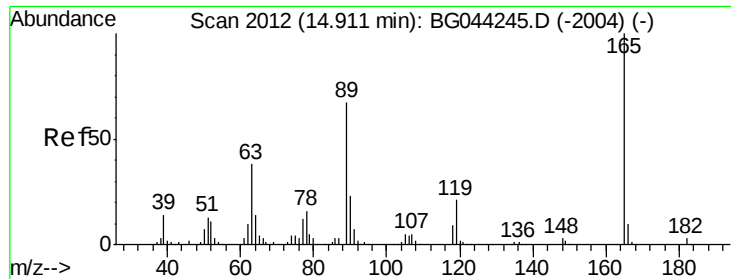
#51
2,6-Dinitrotoluene
Concen: 8.117 ng
RT: 14.55 min Scan# 1950
Delta R.T. 0.42 min
Lab File: BG044353.D
Acq: 8 Feb 2020 2:48

Tgt Ion:165 Resp: 24840
Ion Ratio Lower Upper
165 100
63 1.4 38.7 58.1#
89 1.1 40.4 60.6#



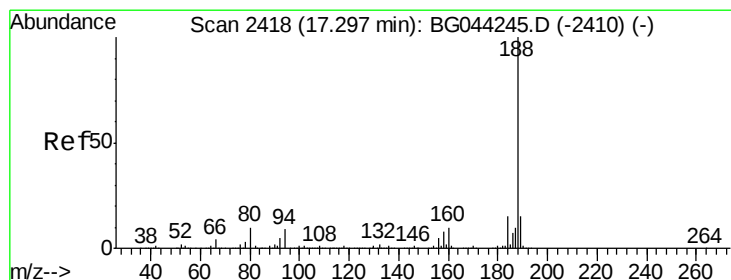
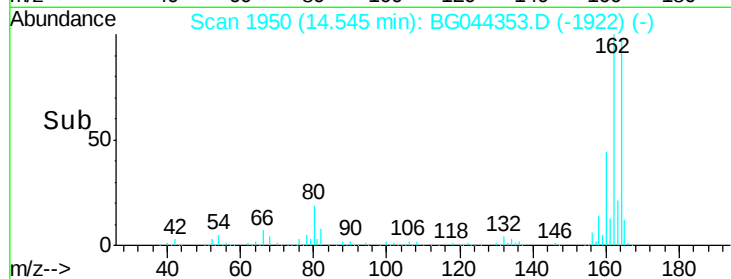
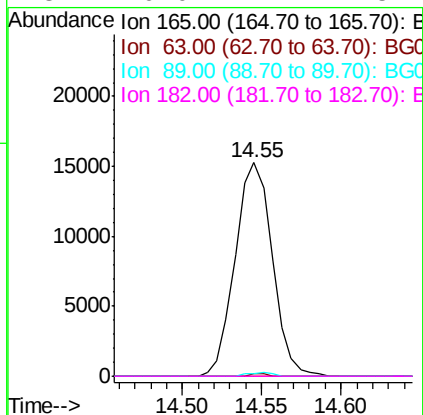
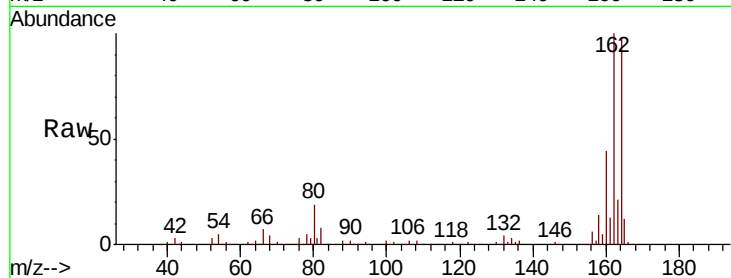
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0





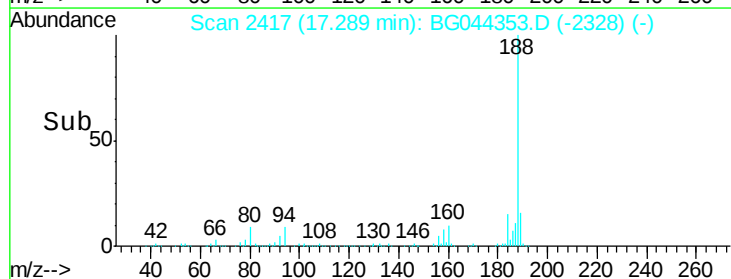
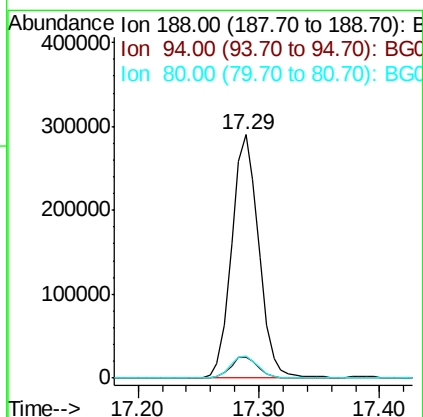
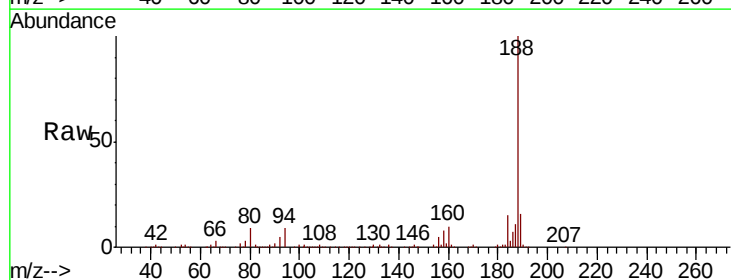
#57
 2,4-Dinitrotoluene
 Concen: 5.791 ng
 RT: 14.55 min Scan# 1950
 Delta R.T. -0.37 min
 Lab File: BG044353.D
 Acq: 8 Feb 2020 2:48

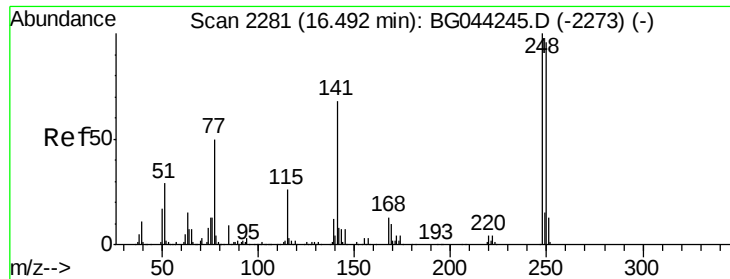
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	30.3	45.5#
89	1.1	53.4	80.2#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.29 min Scan# 2417
 Delta R.T. -0.01 min
 Lab File: BG044353.D
 Acq: 8 Feb 2020 2:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.4	11.2
80	9.2	7.7	11.5





#67

4-Bromophenyl-phenylether

Concen: 5.149 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.45 min

Lab File: BG044353.D

Acq: 8 Feb 2020 2:48

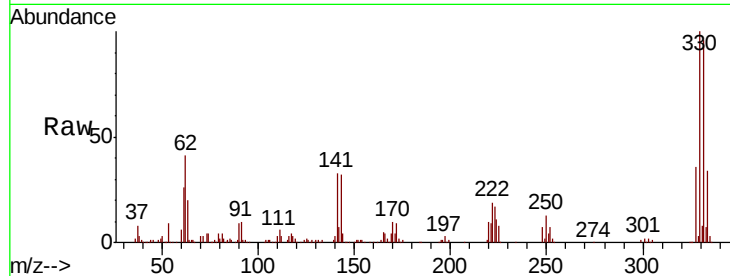
Tot Ion:248 Resp: 25476

Ion Ratio Lower Upper

248 100

250 191.2 76.6 114.8#

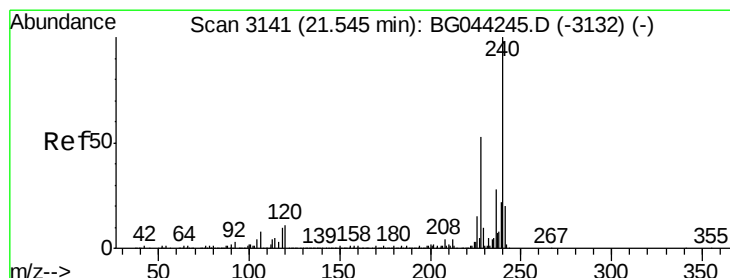
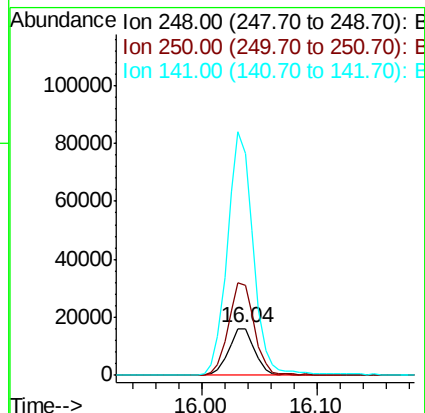
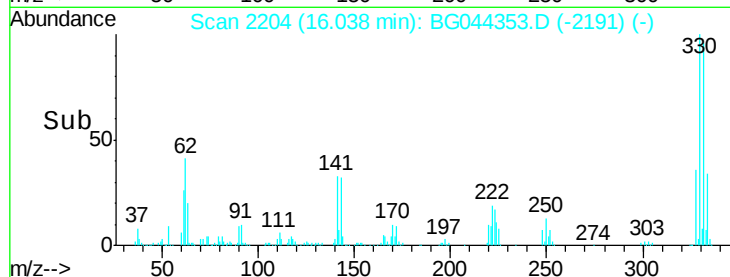
141 473.5 54.7 82.1#



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: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG044353.D

Acq: 8 Feb 2020 2:48

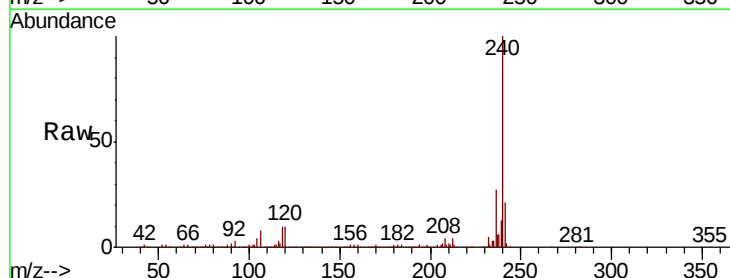
Tgt Ion:240 Resp: 463369

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

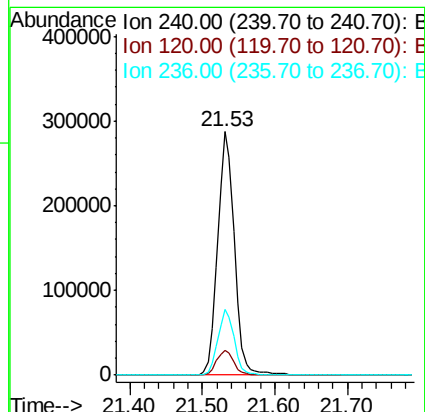
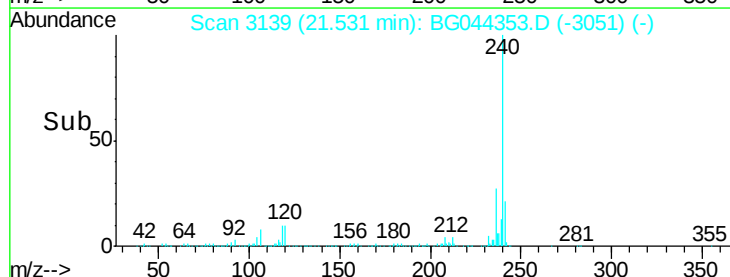
236 27.2 22.1 33.1

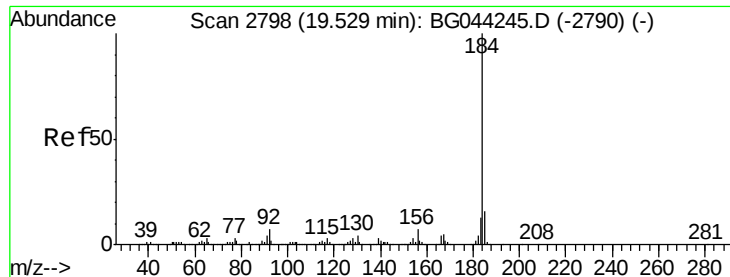


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.653 ng

RT: 19.91 min Scan# 2863

Delta R.T. 0.38 min

Lab File: BG044353.D

Acq: 8 Feb 2020 2:48

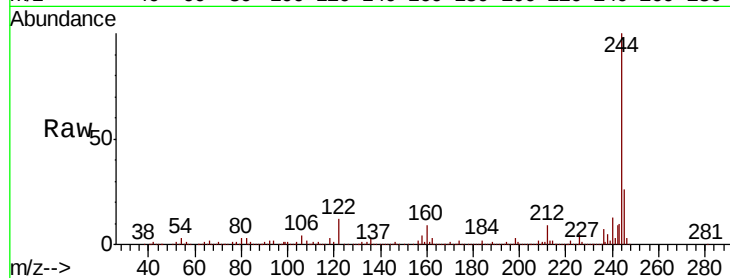
Tot Ion:184 Resp: 34098

Ion Ratio Lower Upper

184 100

185 17.0 12.9 19.3

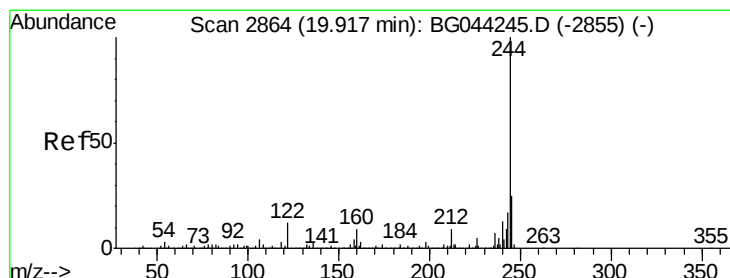
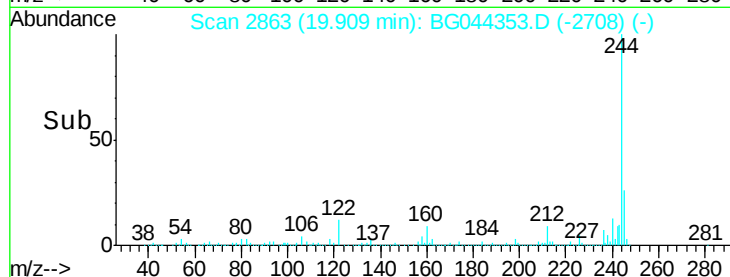
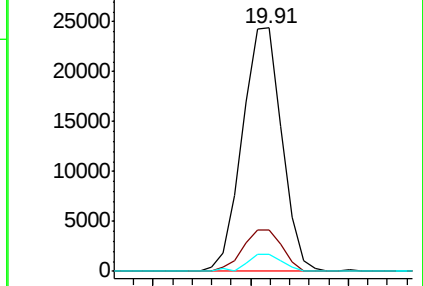
183 6.8 10.8 16.2#



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: 90.578 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG044353.D

Acq: 8 Feb 2020 2:48

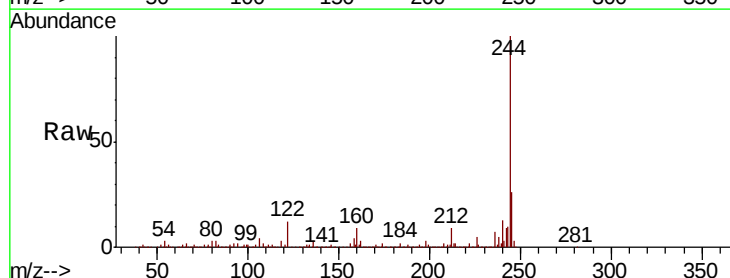
Tgt Ion:244 Resp: 2040519

Ion Ratio Lower Upper

244 100

212 9.4 7.4 11.2

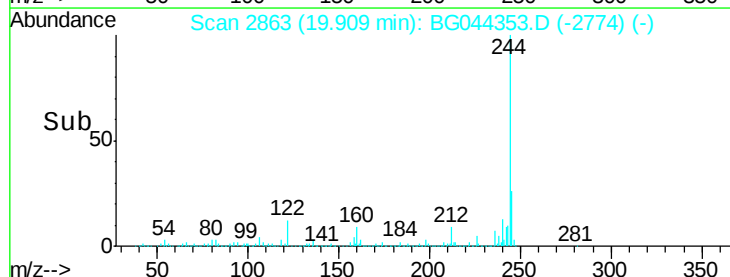
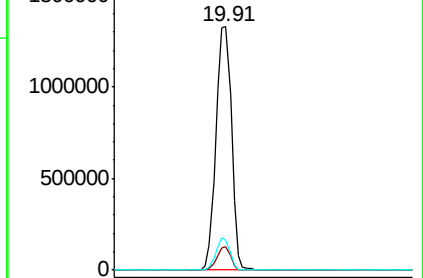
122 12.3 9.8 14.6

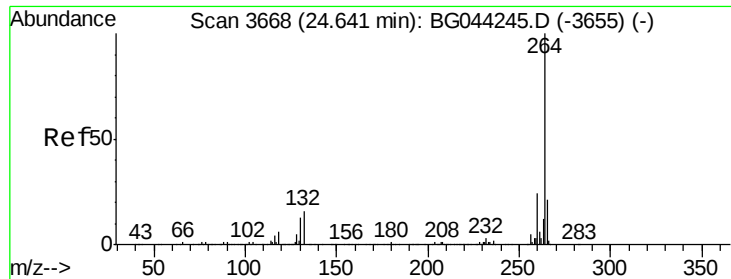


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.62 min Scan# 3665
Delta R.T. -0.02 min
Lab File: BG044353.D
Acq: 8 Feb 2020 2:48

Tot Ion:	264	Resp:	473528
Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.4	29.2
265	23.0	16.7	25.1

