

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044351.D
 Acq On : 8 Feb 2020 1:29
 Operator : CG/JU
 Sample : PB126664BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

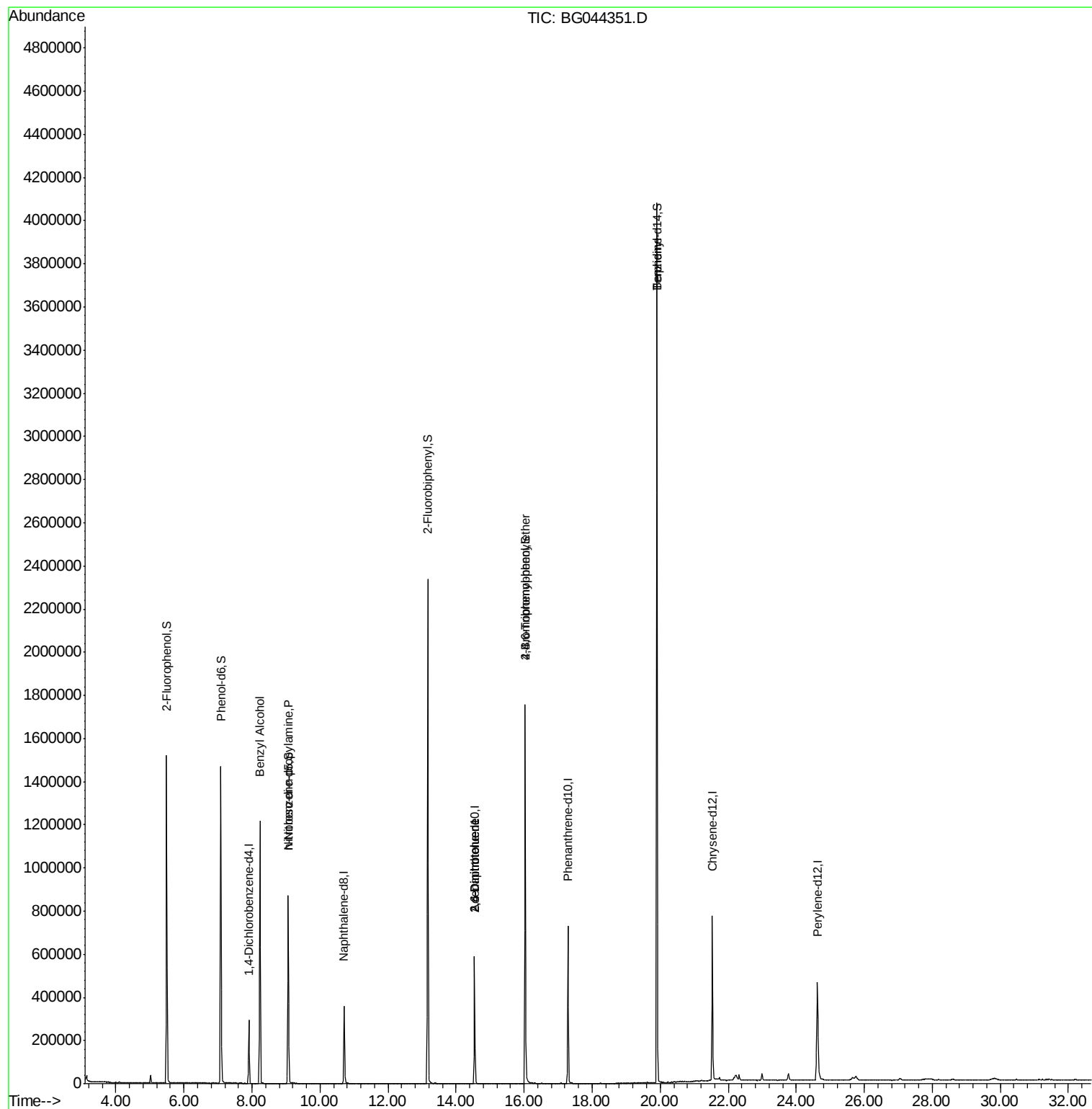
Quant Time: Feb 08 02:36:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

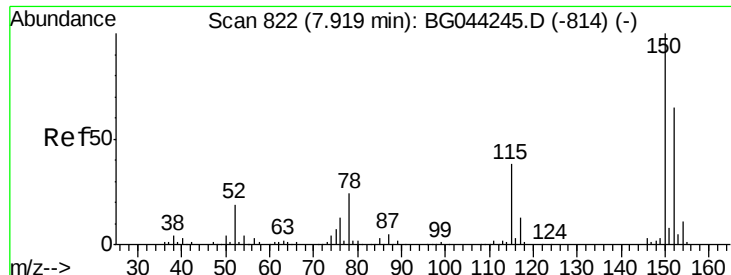
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	88706	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	345079	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	214589	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	477704	20.00	ng	0.00
76) Chrysene-d12	21.53	240	459988	20.00	ng	-0.01
87) Perylene-d12	24.62	264	468135	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	746277	148.47	ng	0.00
7) Phenol-d6	7.08	99	939489	139.19	ng	0.00
23) Nitrobenzene-d5	9.06	82	574281	93.95	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	354539	140.74	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1276238	99.59	ng	0.00
79) Terphenyl-d14	19.90	244	1957298	87.52	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.24	79	9783	2.047	ng	# 45
19) n-Nitroso-di-n-propylamine	9.06	70	74940	16.660	ng	# 76
51) 2,6-Dinitrotoluene	14.55	165	29107	8.463	ng	# 30
57) 2,4-Dinitrotoluene	14.55	165	29107	6.038	ng	# 28
67) 4-Bromophenyl-phenylether	16.03	248	24095	4.630	ng	# 1
77) Benzidine	19.91	184	33367	2.615	ng	# 91

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

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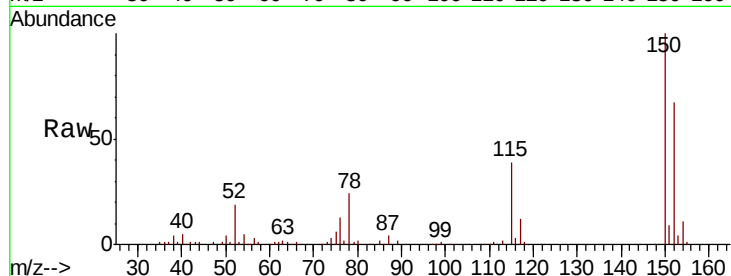




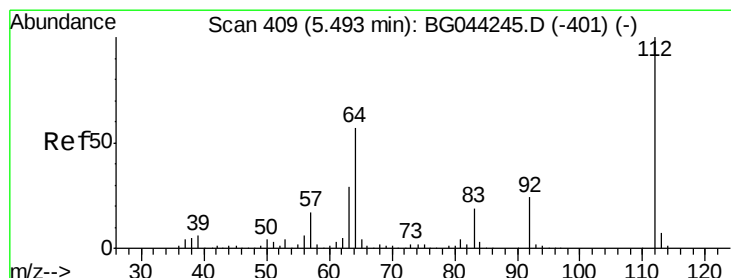
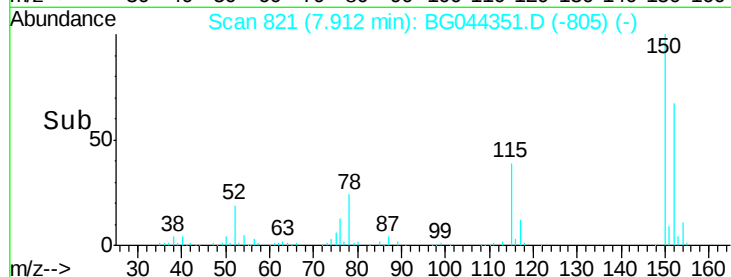
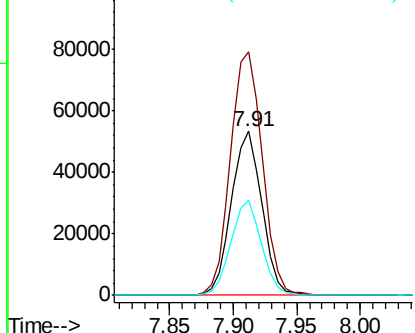
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044351.D
Acq: 8 Feb 2020 1:29

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	122.6	183.8
115	57.9	46.0	69.0



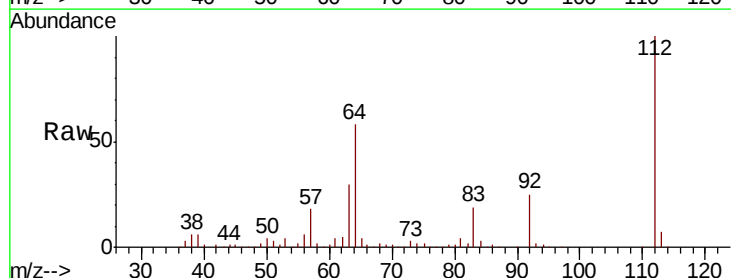
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



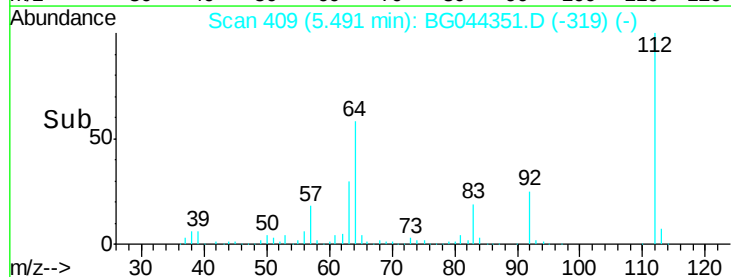
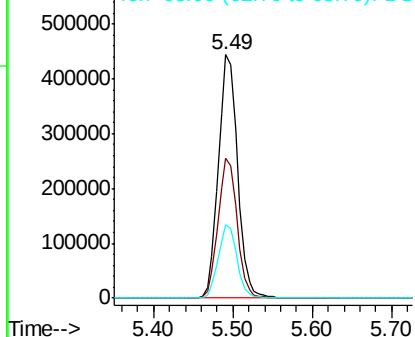
#5

2-Fluorophenol
Concen: 148.475 ng
RT: 5.49 min Scan# 409
Delta R.T. -0.00 min
Lab File: BG044351.D
Acq: 8 Feb 2020 1:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	45.4	68.2
63	30.3	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: 139.193 ng

RT: 7.08 min Scan# 680

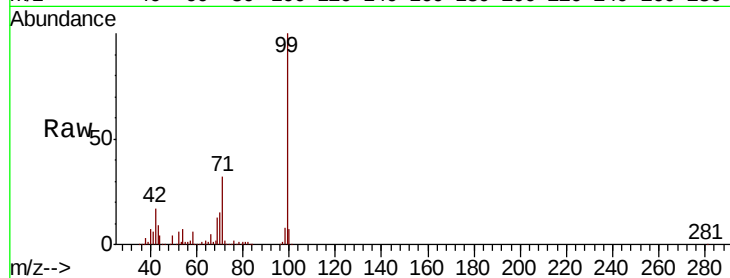
Delta R.T. -0.00 min

Lab File: BG044351.D

Acq: 8 Feb 2020 1:29

Tot Ion: 99 Resp: 939489

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.8	20.6
71	32.0	25.5	38.3

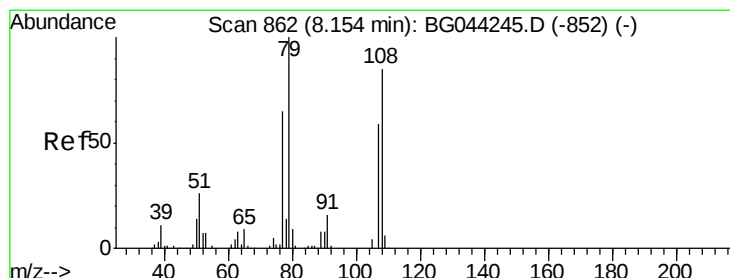
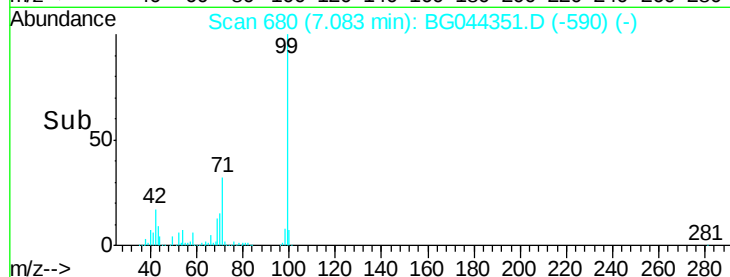
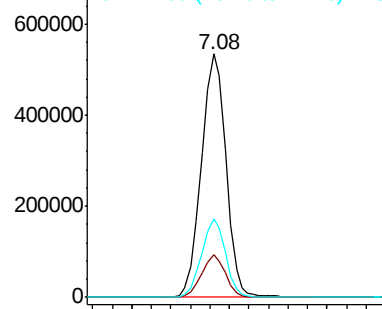


Abundance

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: 2.047 ng

RT: 8.24 min Scan# 876

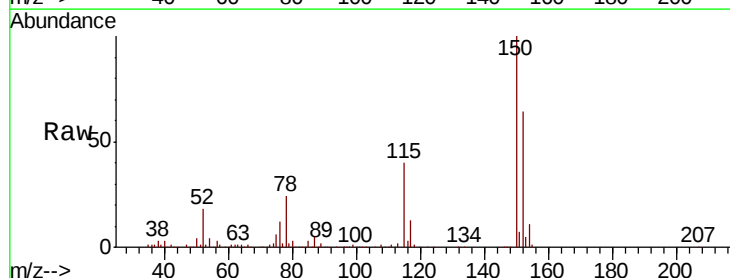
Delta R.T. 0.08 min

Lab File: BG044351.D

Acq: 8 Feb 2020 1:29

Tgt Ion: 79 Resp: 9783

Ion	Ratio	Lower	Upper
79	100		
108	41.1	68.3	102.5#
77	115.0	51.8	77.8#

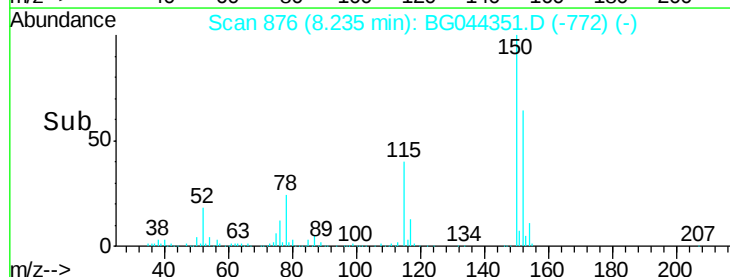
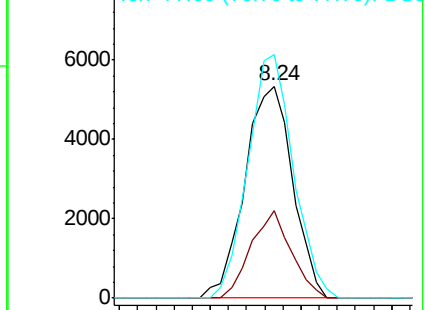


Abundance

Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

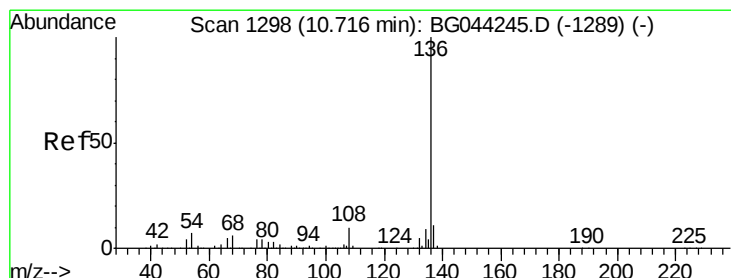
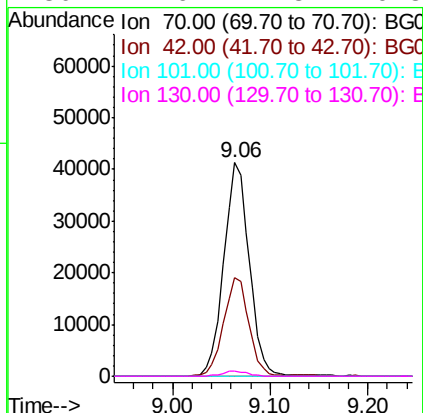
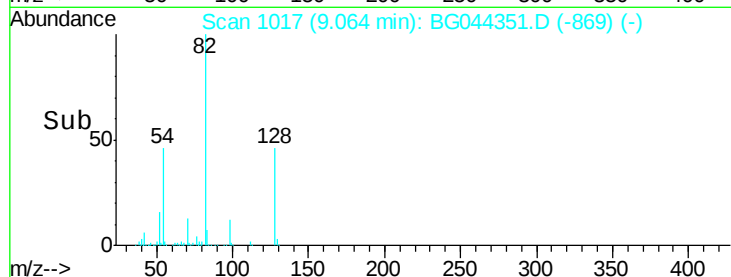
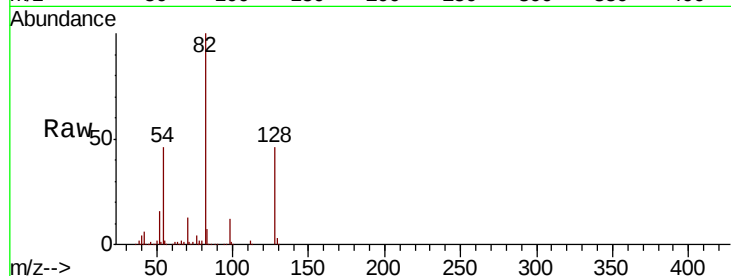
Ion 77.00 (76.70 to 77.70): BGC





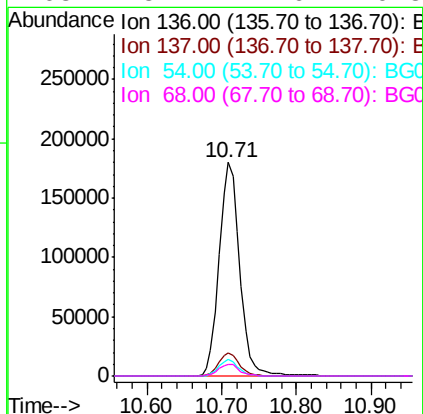
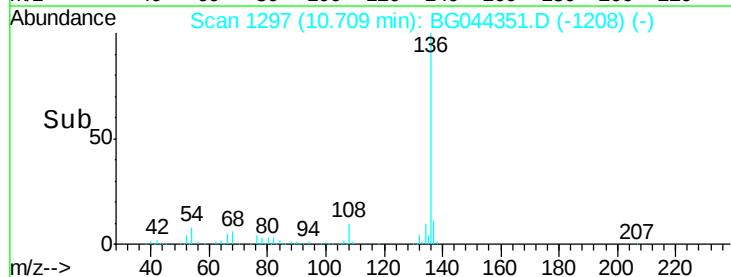
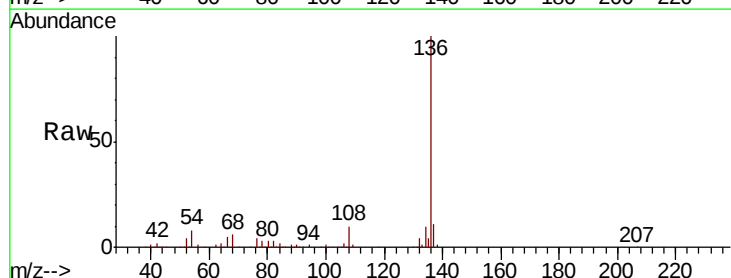
#19
n-Nitroso-di-n-propylamine
Concen: 16.660 ng
RT: 9.06 min Scan# 1017
Delta R.T. 0.34 min
Lab File: BG044351.D
Acq: 8 Feb 2020 1:29

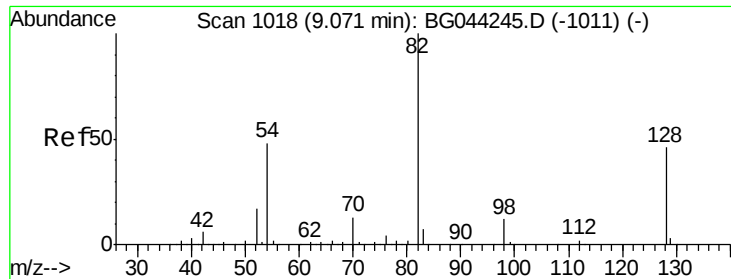
Tot Ion: 70 Resp: 74940
Ion Ratio Lower Upper
70 100
42 45.9 46.2 69.2#
101 0.0 8.4 12.6#
130 2.6 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG044351.D
Acq: 8 Feb 2020 1:29

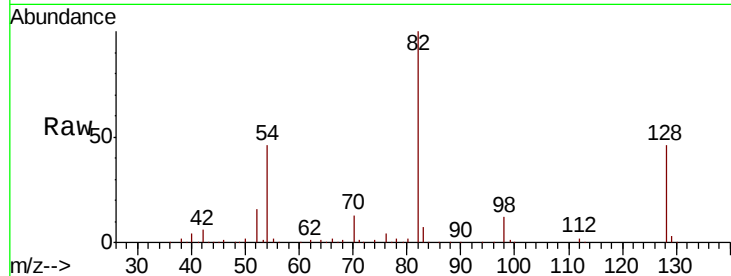
Tgt Ion: 136 Resp: 345079
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.0 5.8 8.8
68 5.7 4.6 6.8



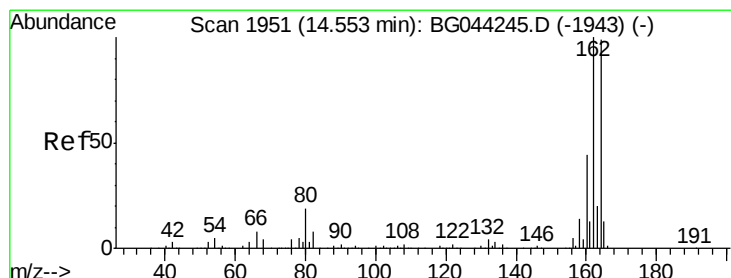
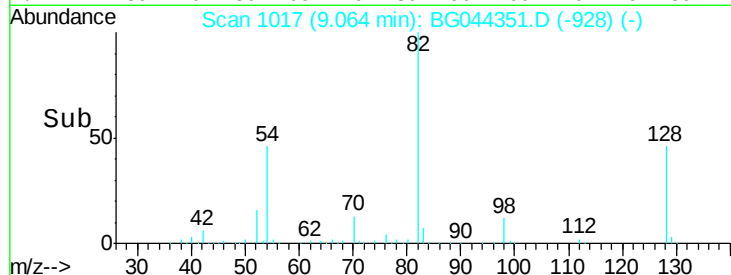
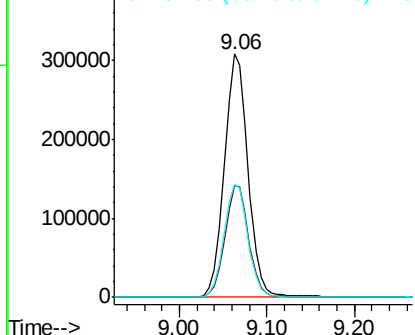


#23
Nitrobenzene-d5
Concen: 93.955 ng
RT: 9.06 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG044351.D
Acq: 8 Feb 2020 1:29

Tot Ion:	82	Resp:	574281
Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.5	54.7
54	46.3	38.6	58.0

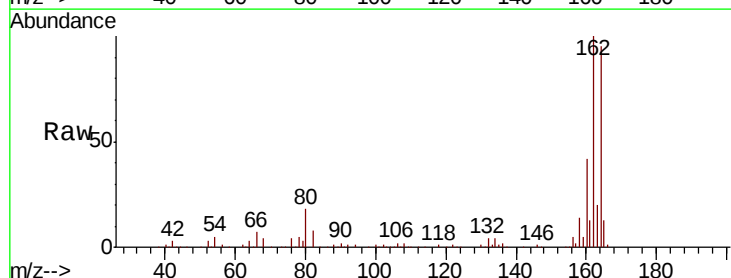


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

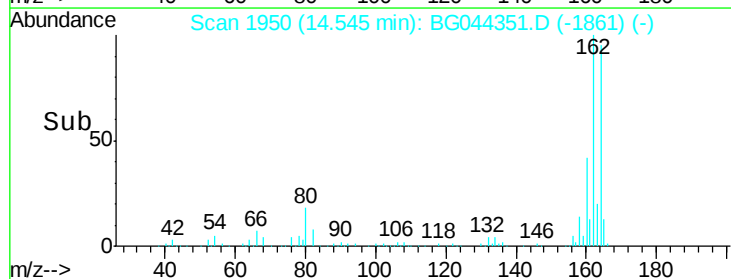
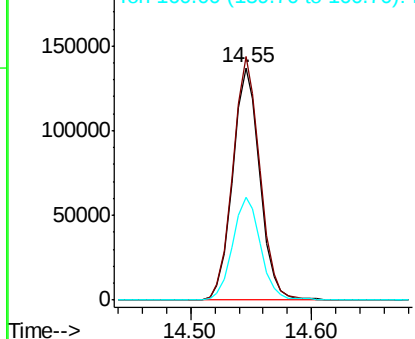


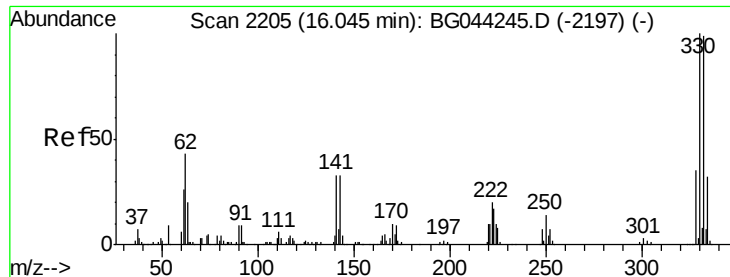
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG044351.D
Acq: 8 Feb 2020 1:29

Tgt Ion:	164	Resp:	214589
Ion	Ratio	Lower	Upper
164	100		
162	104.8	80.7	121.1
160	44.4	35.3	52.9



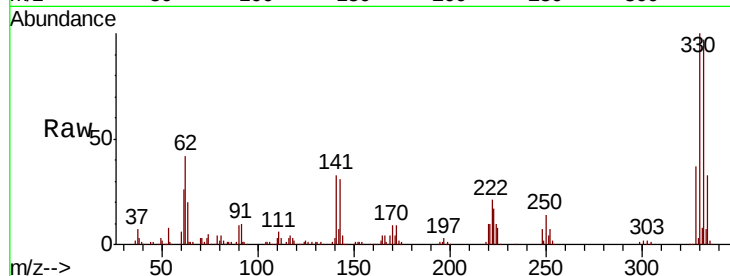
Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC



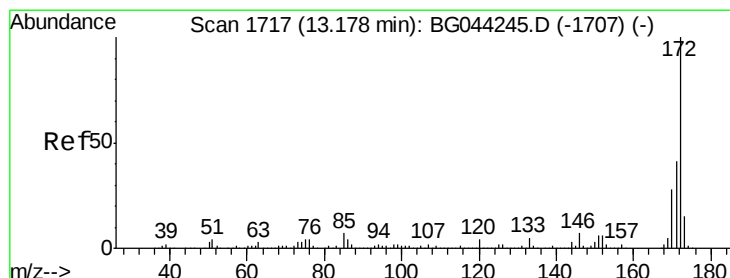
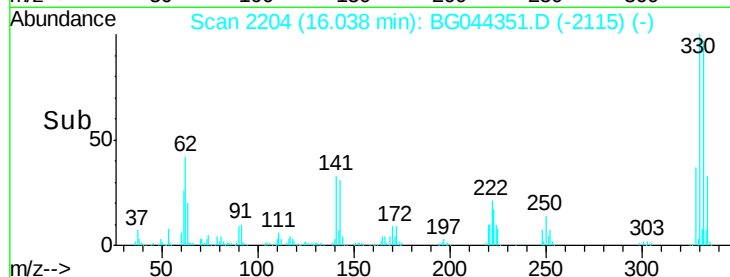
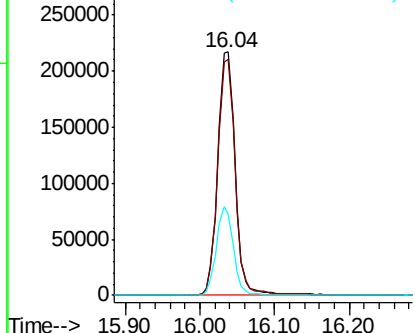


#42
 2,4,6-Tribromophenol
 Concen: 140.737 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG044351.D
 Acq: 8 Feb 2020 1:29

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.2	115.8
141	35.6	28.3	42.5

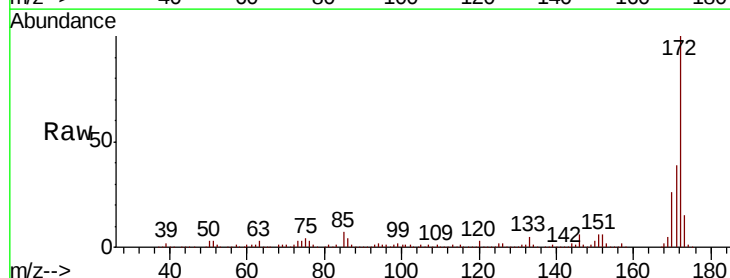


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

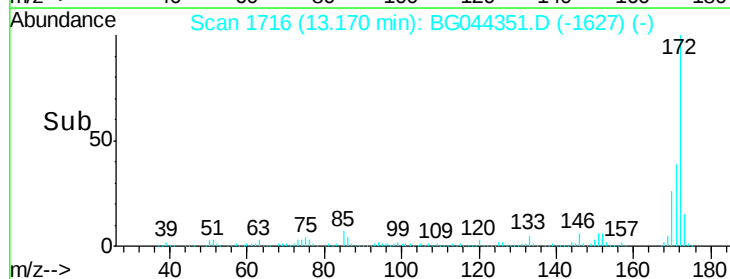
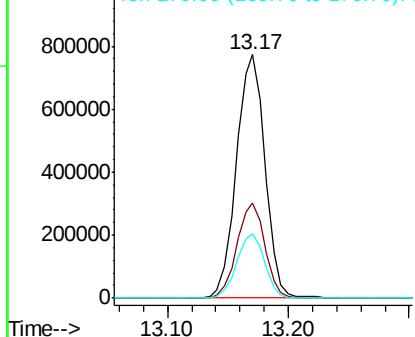


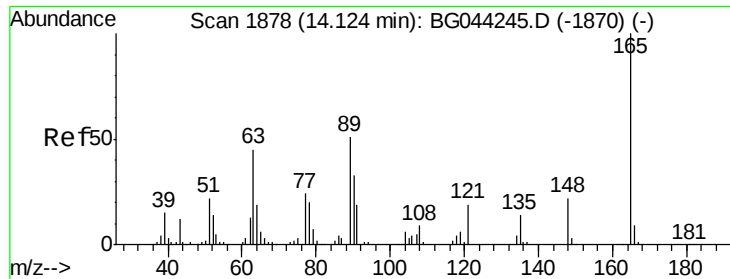
#45
 2-Fluorobiphenyl
 Concen: 99.592 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG044351.D
 Acq: 8 Feb 2020 1:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	32.9	49.3
170	26.5	22.0	33.0



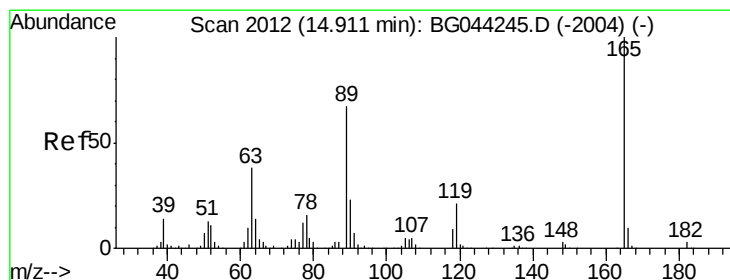
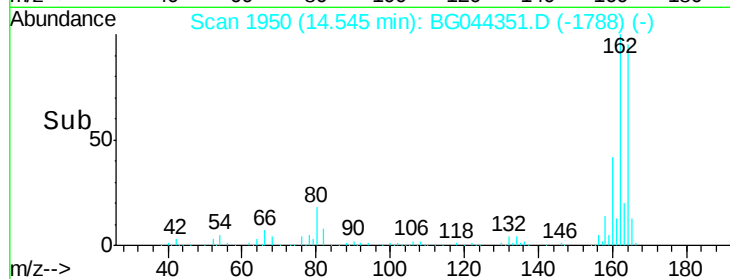
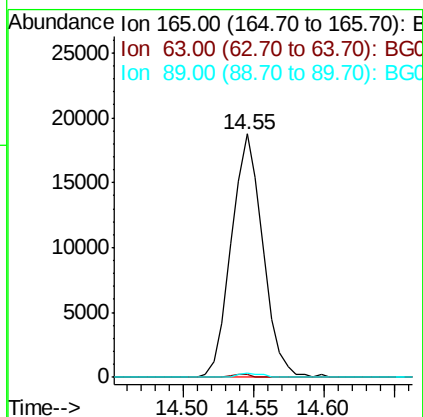
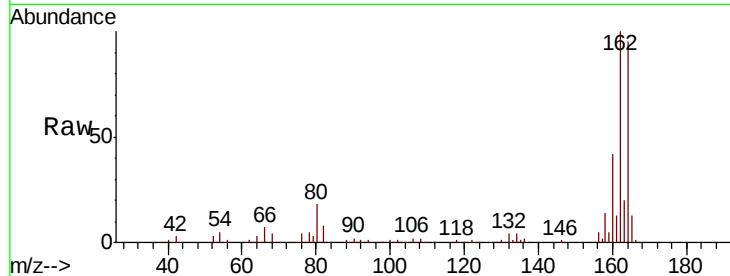
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





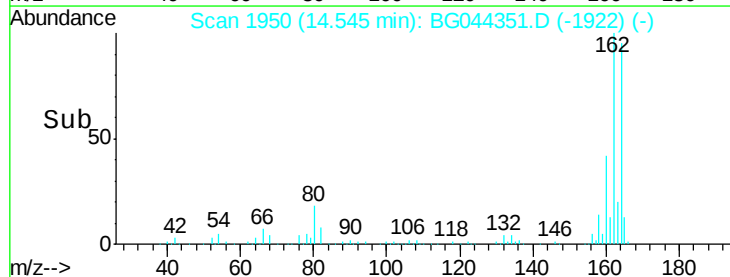
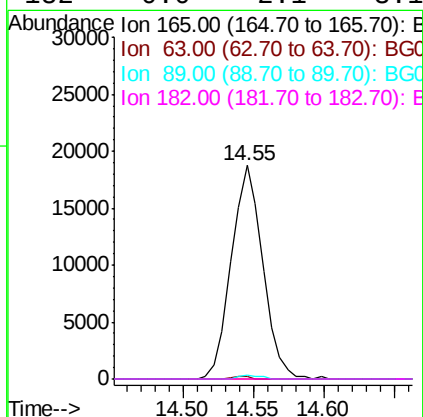
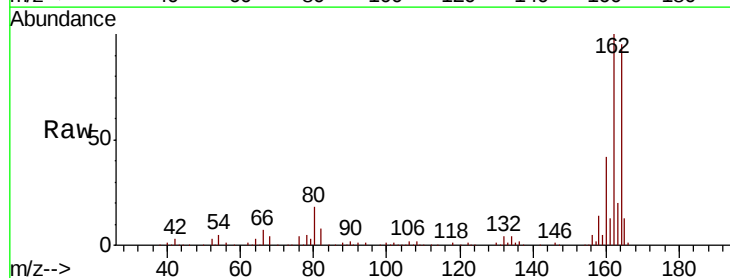
#51
 2,6-Dinitrotoluene
 Concen: 8.463 ng
 RT: 14.55 min Scan# 1950
 Delta R.T. 0.42 min
 Lab File: BG044351.D
 Acq: 8 Feb 2020 1:29

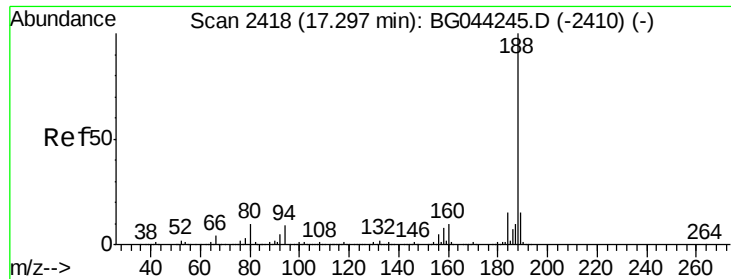
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	38.7	58.1#
89	1.5	40.4	60.6#



#57
 2,4-Dinitrotoluene
 Concen: 6.038 ng
 RT: 14.55 min Scan# 1950
 Delta R.T. -0.37 min
 Lab File: BG044351.D
 Acq: 8 Feb 2020 1:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	30.3	45.5#
89	1.5	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: BG044351.D

Acq: 8 Feb 2020 1:29

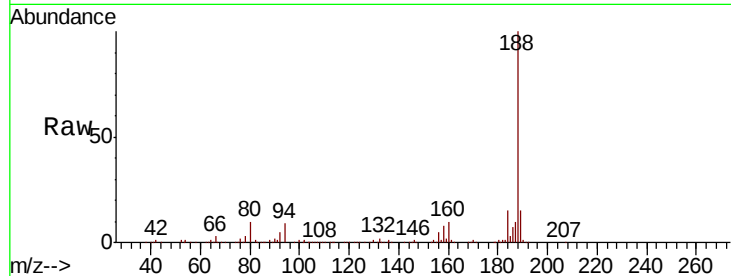
Tot Ion:188 Resp: 477704

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

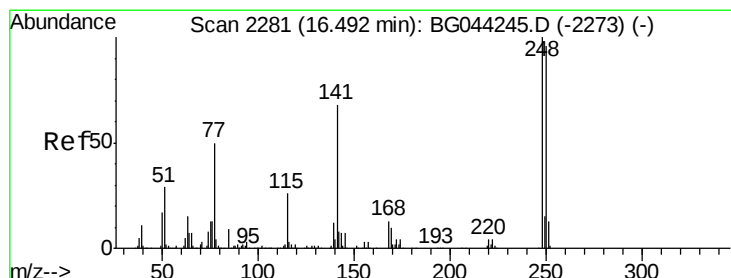
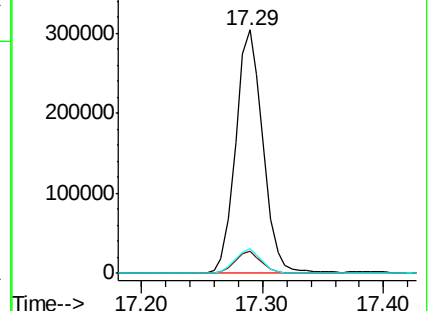
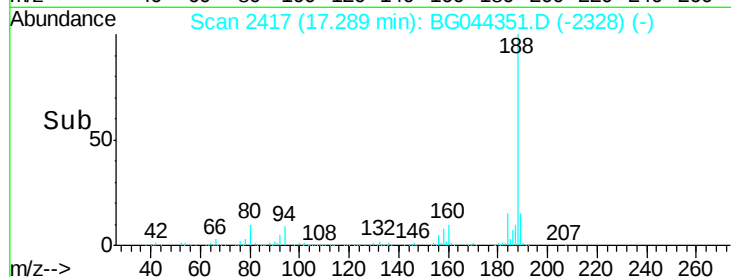
80 10.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 4.630 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.46 min

Lab File: BG044351.D

Acq: 8 Feb 2020 1:29

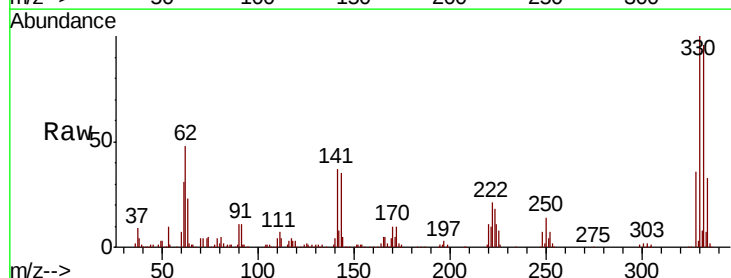
Tgt Ion:248 Resp: 24095

Ion Ratio Lower Upper

248 100

250 198.3 76.6 114.8#

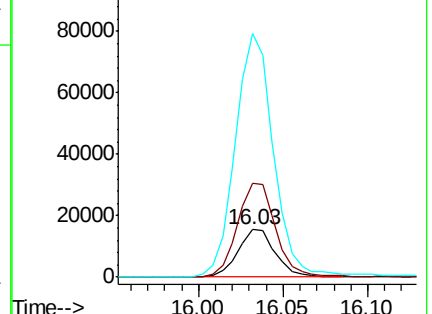
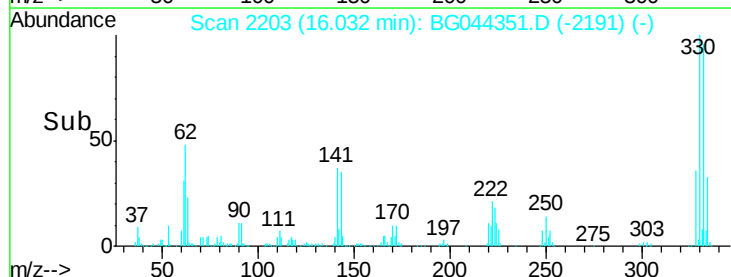
141 513.7 54.7 82.1#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

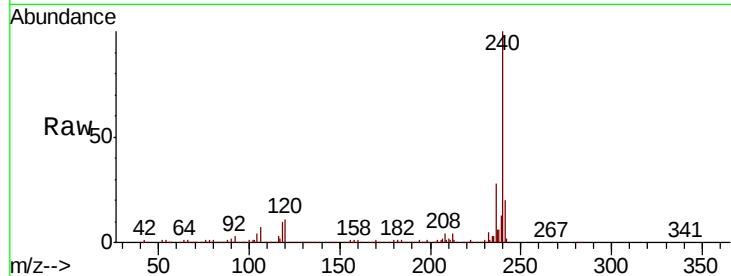
Ion 141.00 (140.70 to 141.70): E



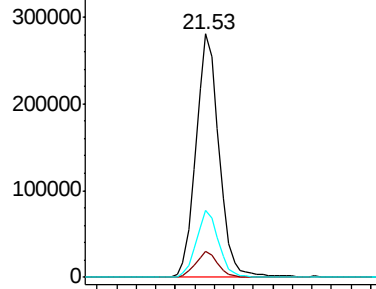


#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG044351.D
 Acq: 8 Feb 2020 1:29

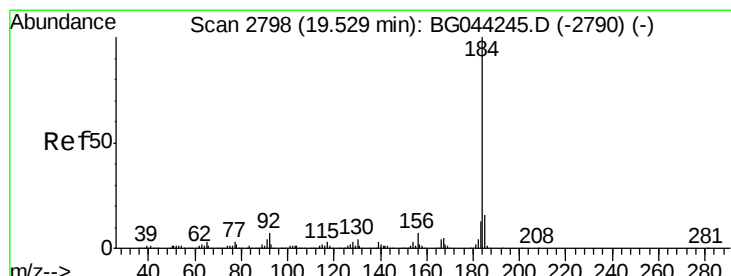
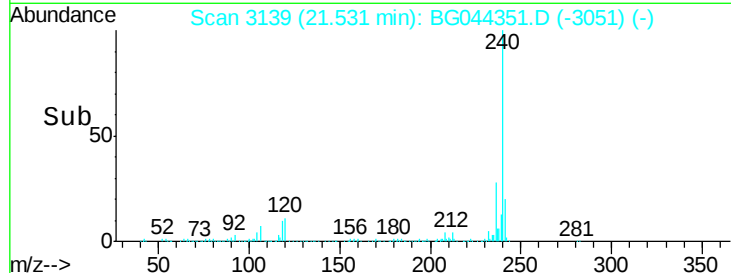
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.4	12.6
236	27.7	22.1	33.1



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

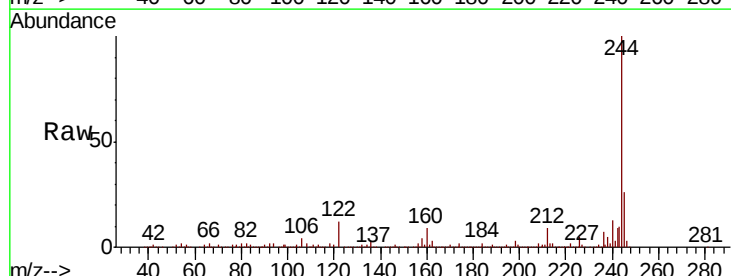


Time-->

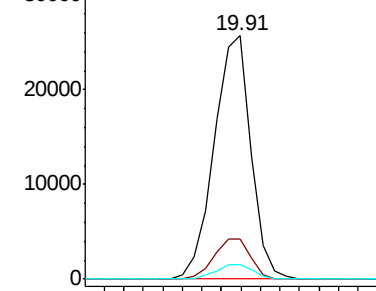


#77
 Benzidine
 Concen: 2.615 ng
 RT: 19.91 min Scan# 2863
 Delta R.T. 0.38 min
 Lab File: BG044351.D
 Acq: 8 Feb 2020 1:29

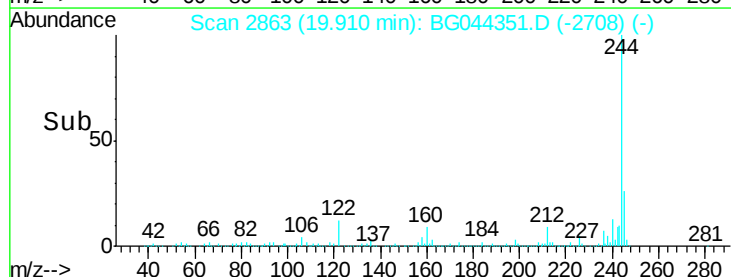
Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.5	12.9	19.3
183	5.9	10.8	16.2#

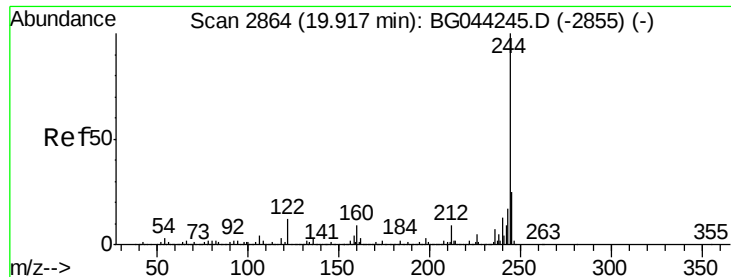


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E



Time-->





#79

Terphenyl-d14

Concen: 87.522 ng

RT: 19.90 min Scan# 2862

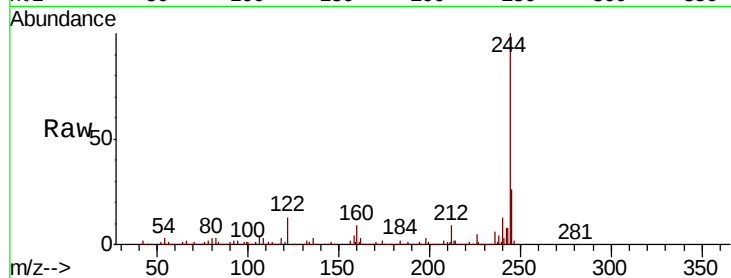
Delta R.T. -0.01 min

Lab File: BG044351.D

Acq: 8 Feb 2020 1:29

Tot Ion:244 Resp: 1957298

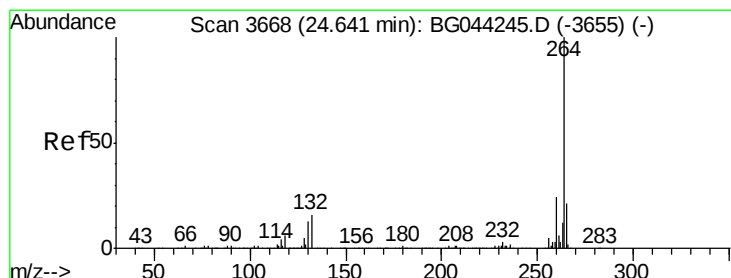
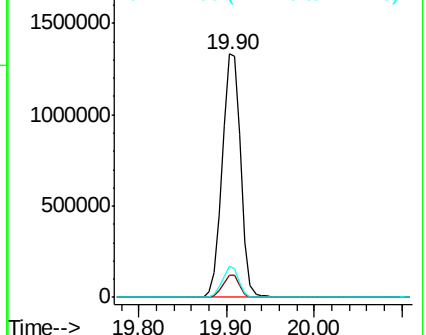
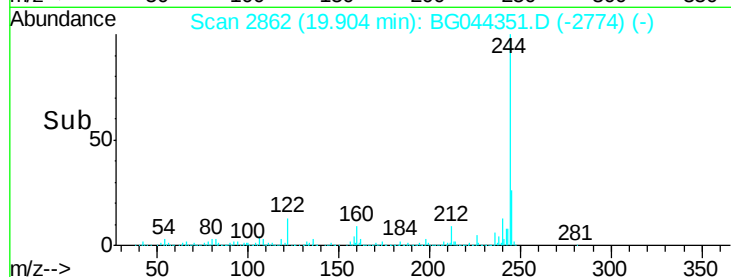
Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.4	11.2
122	12.6	9.8	14.6



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

Perylene-d12

Concen: 20.000 ng

RT: 24.62 min Scan# 3665

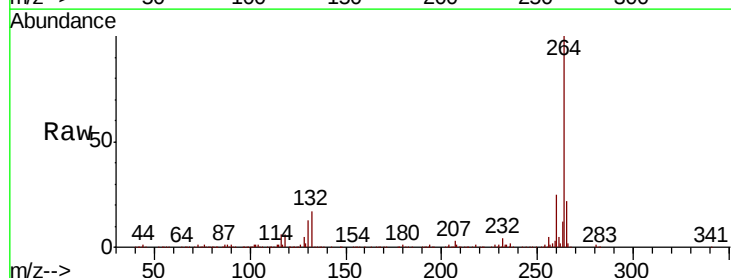
Delta R.T. -0.02 min

Lab File: BG044351.D

Acq: 8 Feb 2020 1:29

Tgt Ion:264 Resp: 468135

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	21.6	16.7	25.1



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

