

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044335.D
 Acq On : 7 Feb 2020 13:41
 Operator : CG/JU
 Sample : PB126649BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

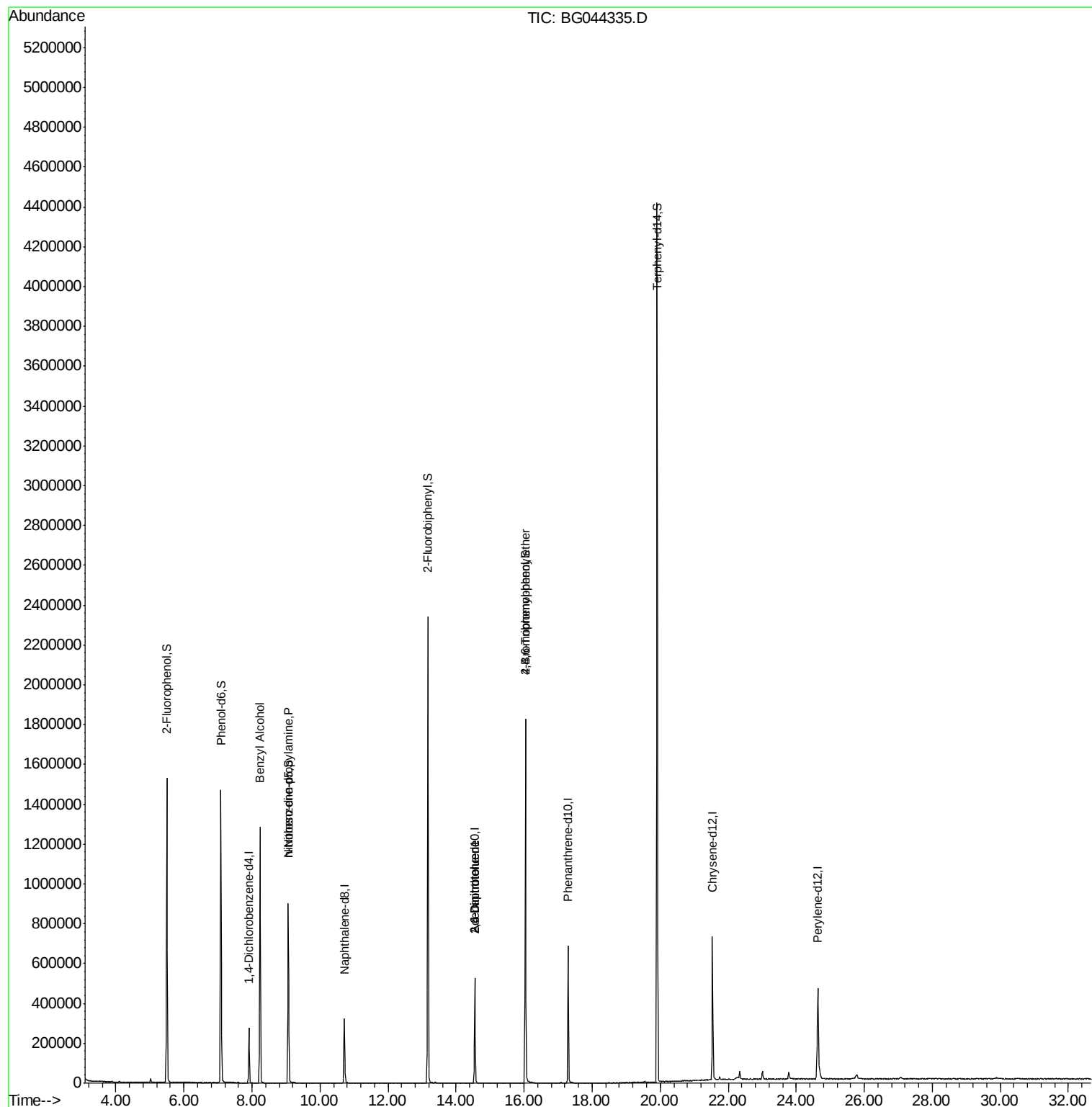
Quant Time: Feb 08 02:31:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

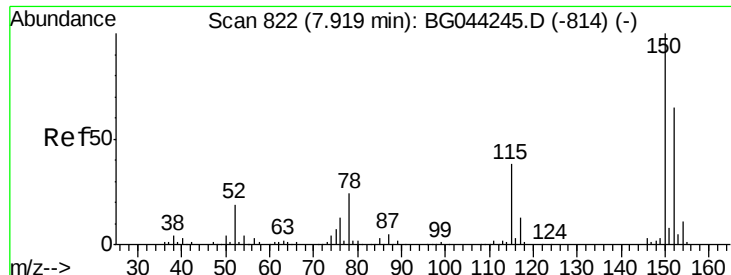
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	83878	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	318444	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	199242	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	454010	20.00	ng	0.00
76) Chrysene-d12	21.54	240	455617	20.00	ng	0.00
87) Perylene-d12	24.63	264	470428	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	773468	162.74	ng	0.00
7) Phenol-d6	7.08	99	966008	151.36	ng	0.00
23) Nitrobenzene-d5	9.07	82	590660	104.72	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	375686	160.62	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1299194	109.19	ng	0.00
79) Terphenyl-d14	19.91	244	2093472	94.51	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.24	79	9766	2.161	ng	# 48
19) n-Nitroso-di-n-propylamine	9.07	70	76830	18.063	ng	# 75
51) 2,6-Dinitrotoluene	14.55	165	26270	8.226	ng	# 29
57) 2,4-Dinitrotoluene	14.55	165	26270	5.869	ng	# 27
67) 4-Bromophenyl-phenylether	16.04	248	25433	5.142	ng	# 1

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

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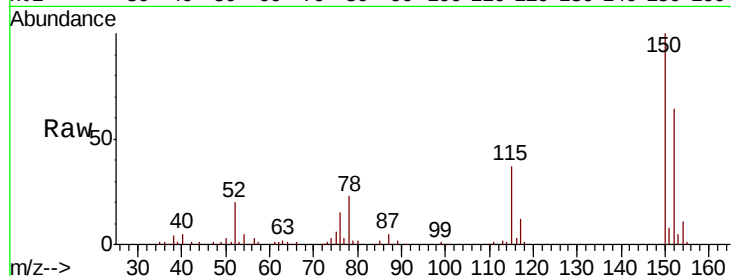




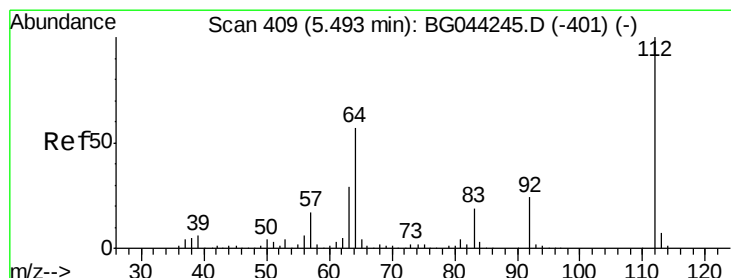
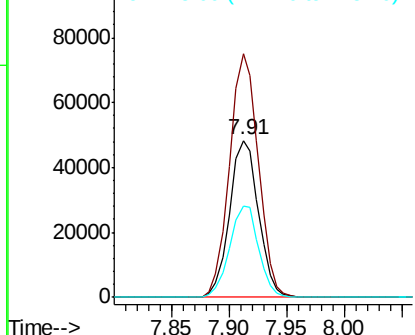
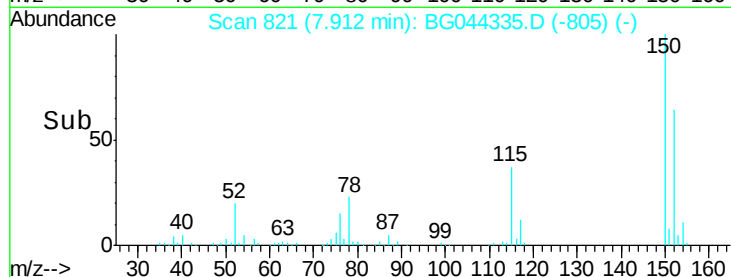
#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG044335.D
 Acq: 7 Feb 2020 13:41

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	122.6	183.8
115	58.2	46.0	69.0



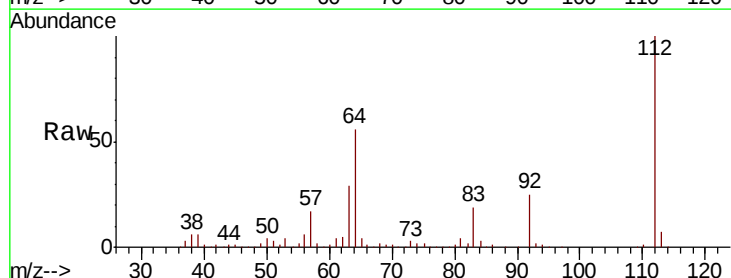
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



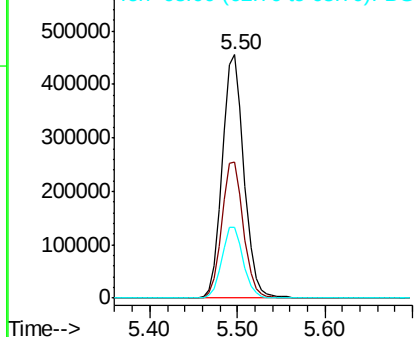
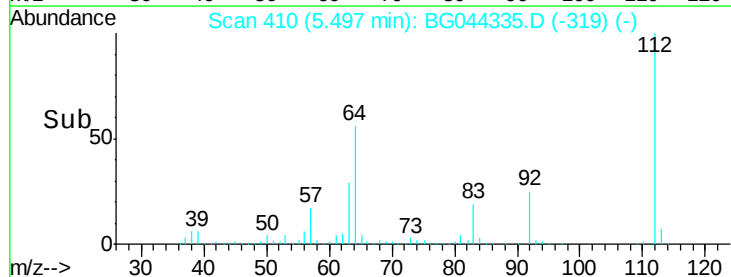
#5

2-Fluorophenol
 Concen: 162.742 ng
 RT: 5.50 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: BG044335.D
 Acq: 7 Feb 2020 13:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.4	68.2
63	29.0	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: 151.360 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044335.D

Acq: 7 Feb 2020 13:41

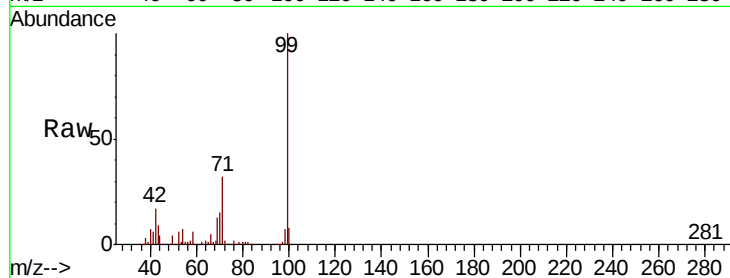
Tot Ion: 99 Resp: 966008

Ion Ratio Lower Upper

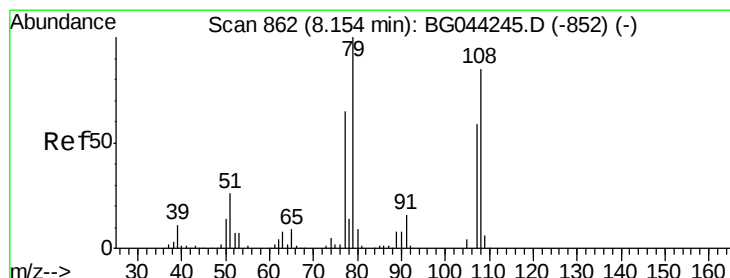
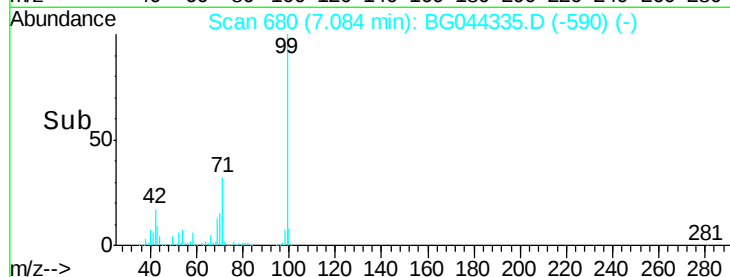
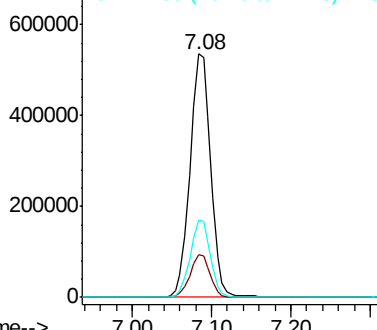
99 100

42 17.4 13.8 20.6

71 31.8 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: 2.161 ng

RT: 8.24 min Scan# 876

Delta R.T. 0.08 min

Lab File: BG044335.D

Acq: 7 Feb 2020 13:41

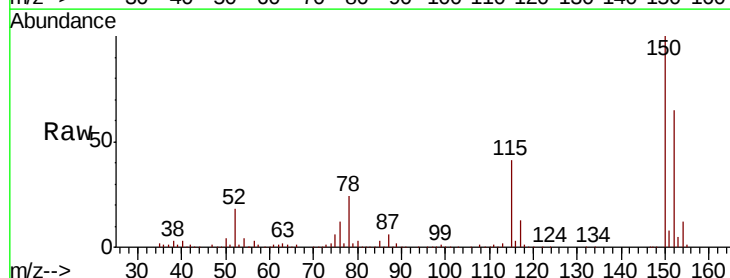
Tgt Ion: 79 Resp: 9766

Ion Ratio Lower Upper

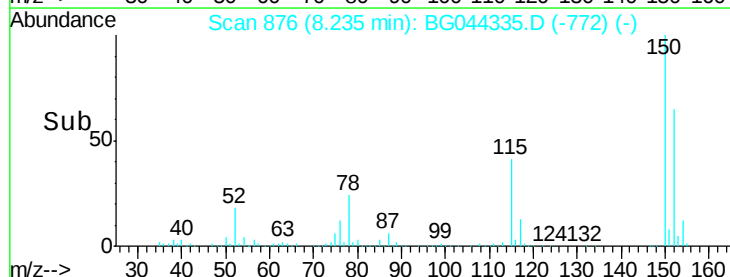
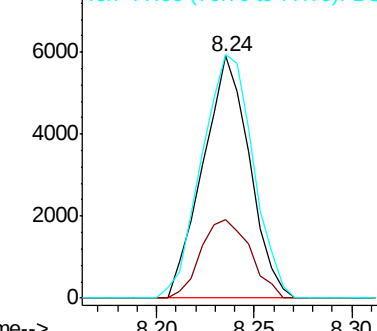
79 100

108 32.7 68.3 102.5#

77 100.7 51.8 77.8#



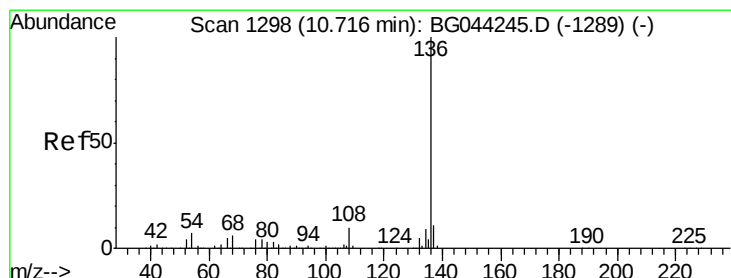
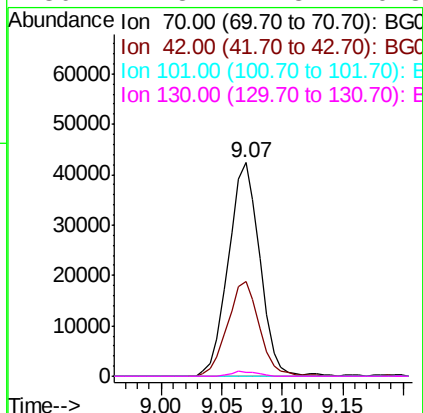
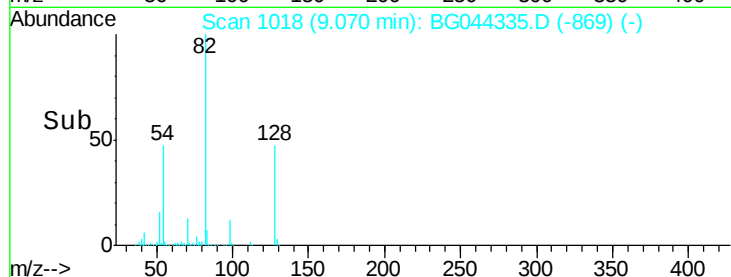
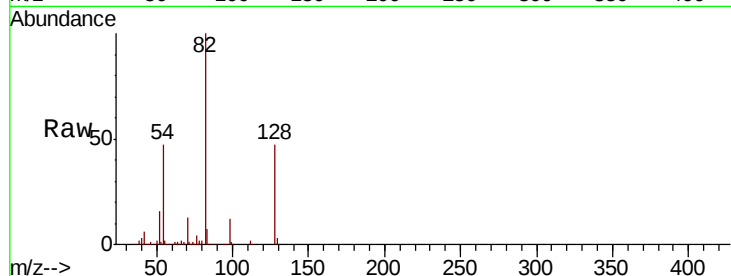
Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





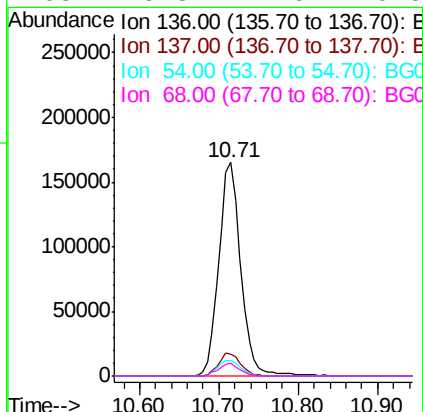
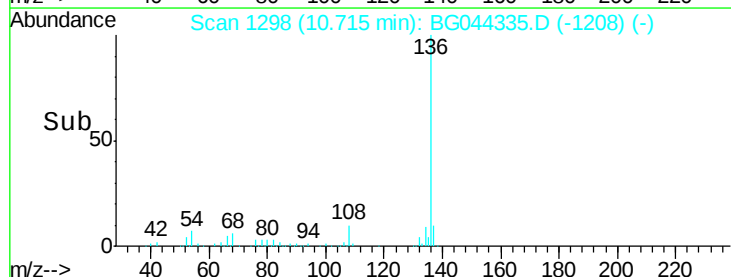
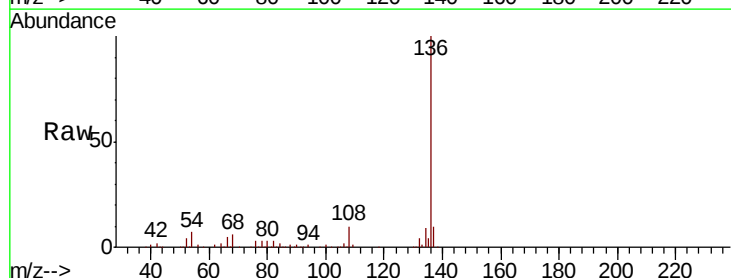
#19
n-Nitroso-di-n-propylamine
Concen: 18.063 ng
RT: 9.07 min Scan# 1018
Delta R.T. 0.35 min
Lab File: BG044335.D
Acq: 7 Feb 2020 13:41

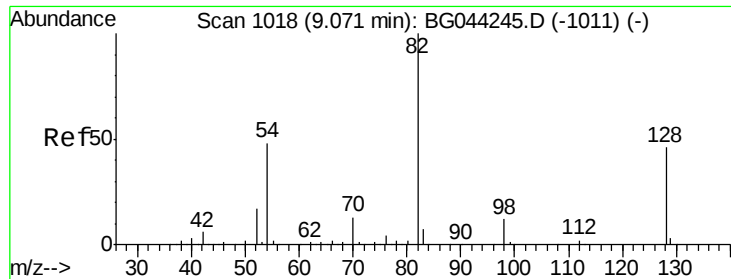
Tot Ion: 70 Resp: 76830
Ion Ratio Lower Upper
70 100
42 44.7 46.2 69.2#
101 0.0 8.4 12.6#
130 1.8 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044335.D
Acq: 7 Feb 2020 13:41

Tgt Ion: 136 Resp: 318444
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 7.1 5.8 8.8
68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 104.717 ng

RT: 9.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BG044335.D

Acq: 7 Feb 2020 13:41

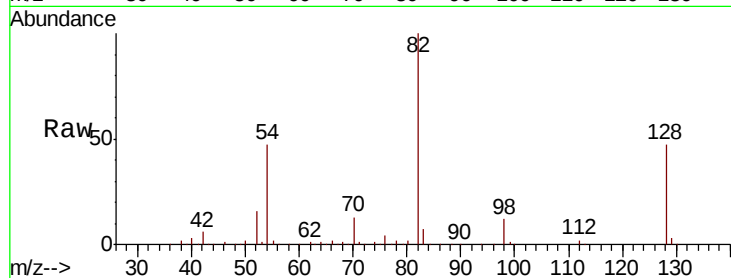
Tot Ion: 82 Resp: 590660

Ion Ratio Lower Upper

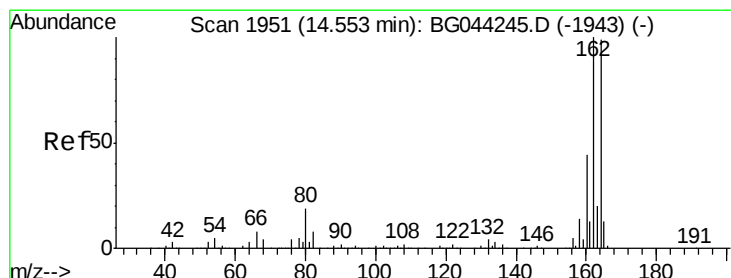
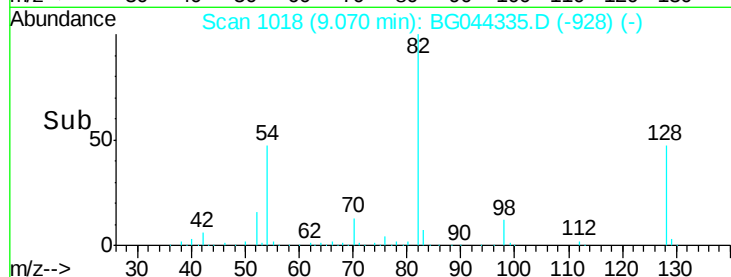
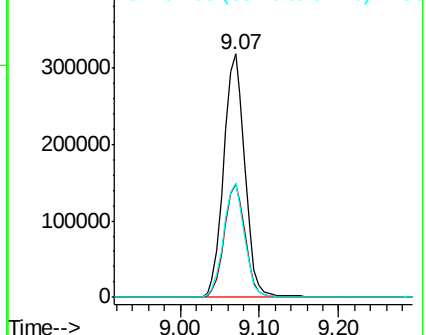
82 100

128 46.6 36.5 54.7

54 46.9 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# 1951

Delta R.T. -0.00 min

Lab File: BG044335.D

Acq: 7 Feb 2020 13:41

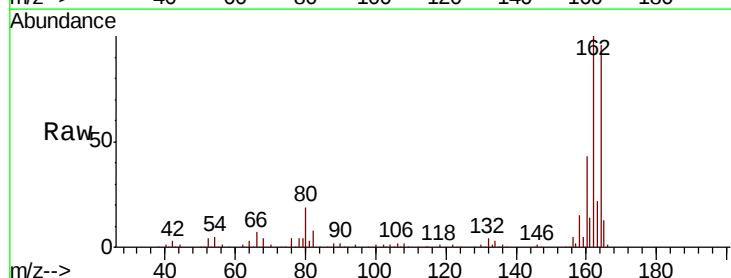
Tgt Ion:164 Resp: 199242

Ion Ratio Lower Upper

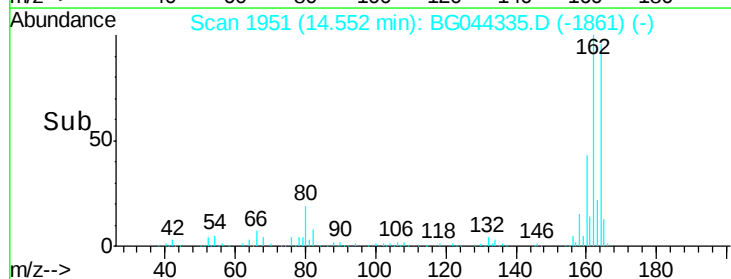
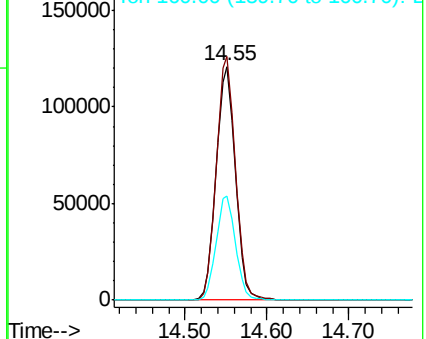
164 100

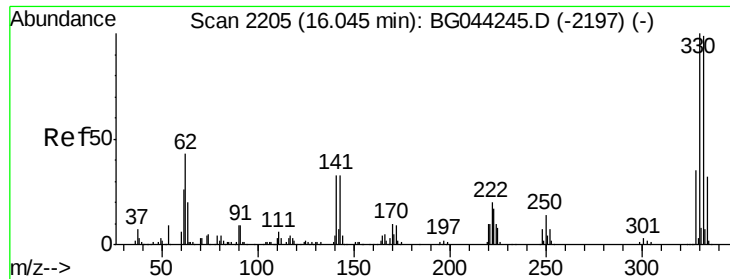
162 104.1 80.7 121.1

160 44.6 35.3 52.9



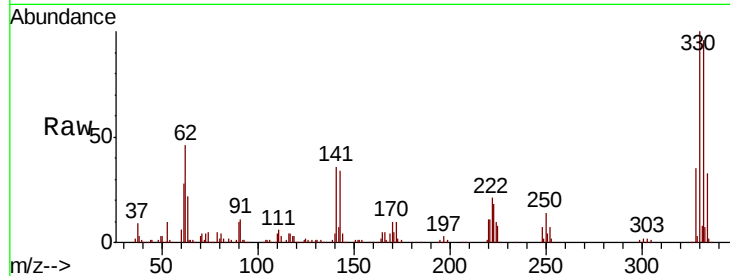
Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC



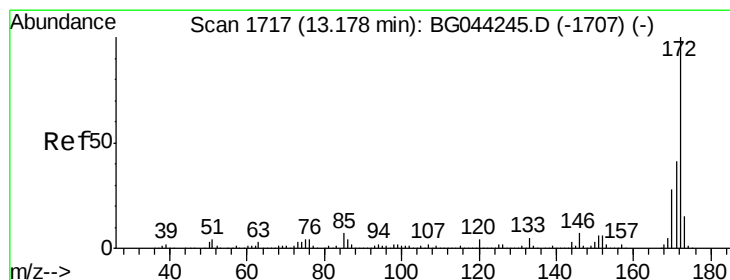
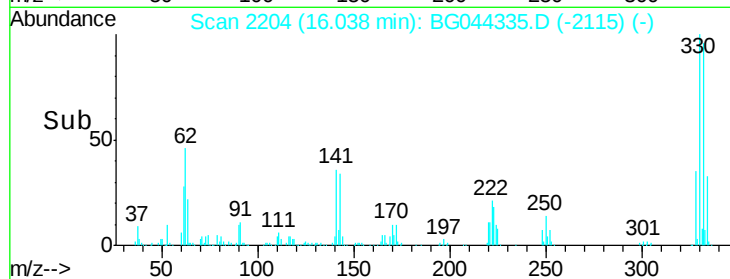
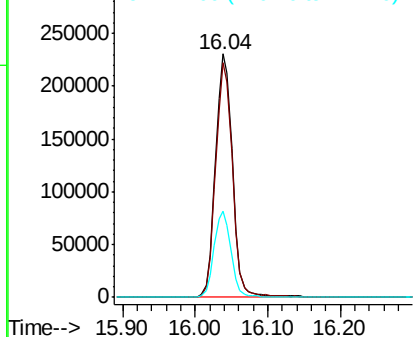


#42
 2,4,6-Tribromophenol
 Concen: 160.619 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG044335.D
 Acq: 7 Feb 2020 13:41

Tot Ion	330	Resp	375686
Ion Ratio	100	Lower	Upper
330	100		
332	95.5	77.2	115.8
141	35.4	28.3	42.5

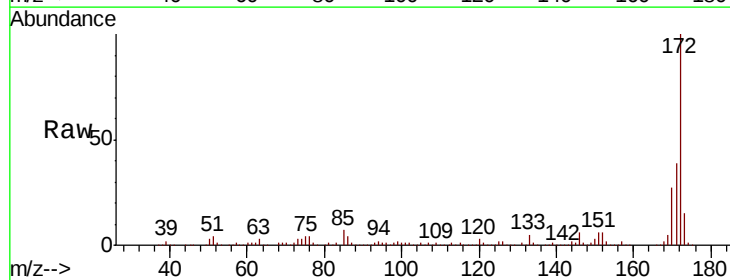


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

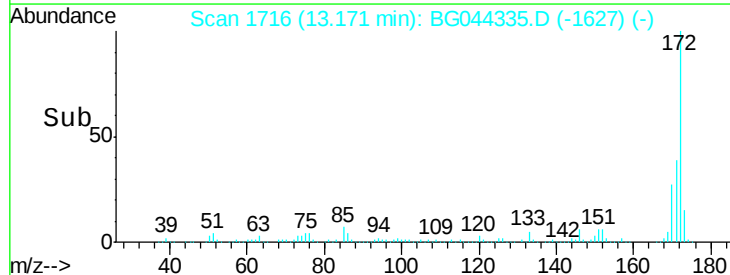
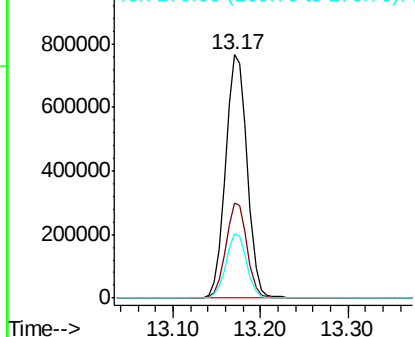


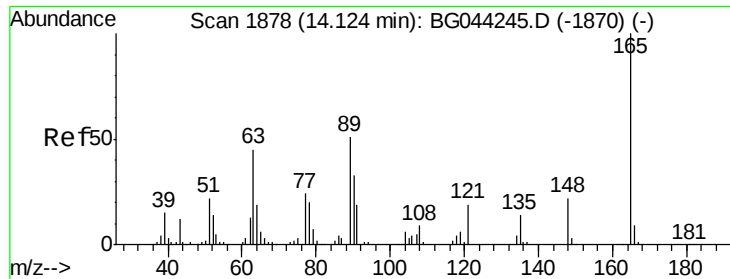
#45
 2-Fluorobiphenyl
 Concen: 109.192 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG044335.D
 Acq: 7 Feb 2020 13:41

Tgt Ion	172	Resp	1299194
Ion Ratio	100	Lower	Upper
172	100		
171	39.3	32.9	49.3
170	26.7	22.0	33.0



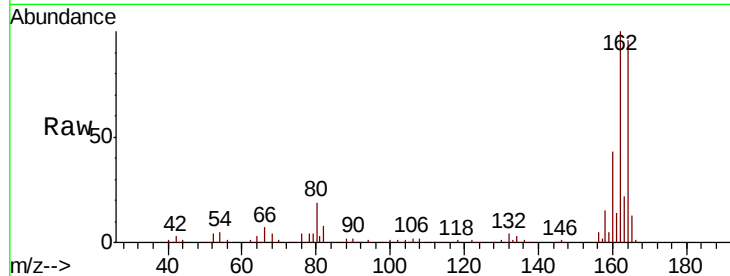
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#51
 2,6-Dinitrotoluene
 Concen: 8.226 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. 0.43 min
 Lab File: BG044335.D
 Acq: 7 Feb 2020 13:41

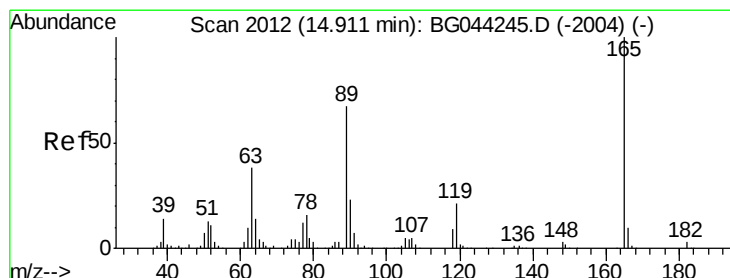
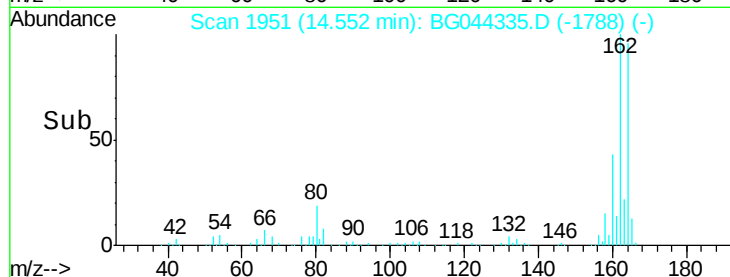
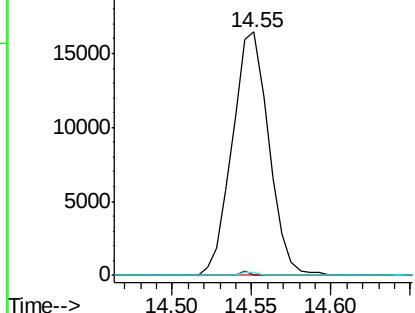
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.7	58.1#
89	1.2	40.4	60.6#



Abundance Ion 165.00 (164.70 to 165.70): E

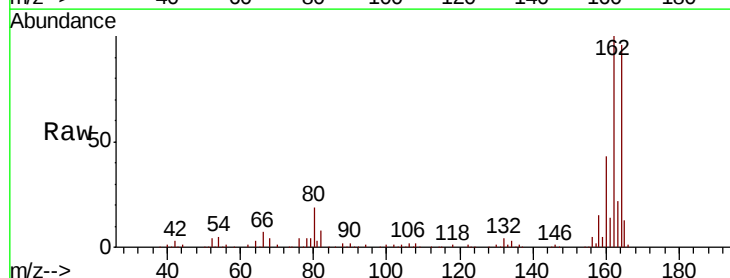
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#57
 2,4-Dinitrotoluene
 Concen: 5.869 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.36 min
 Lab File: BG044335.D
 Acq: 7 Feb 2020 13:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.3	45.5#
89	1.2	53.4	80.2#
182	0.0	2.1	3.1#

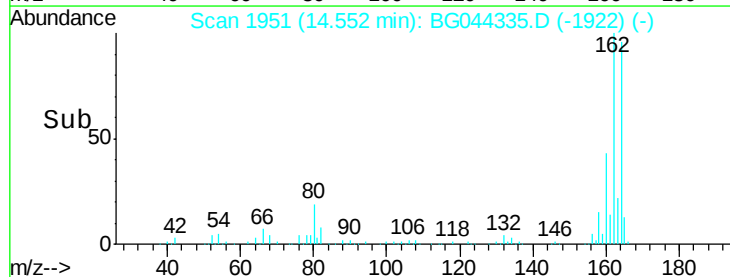
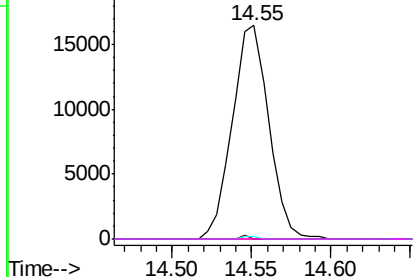


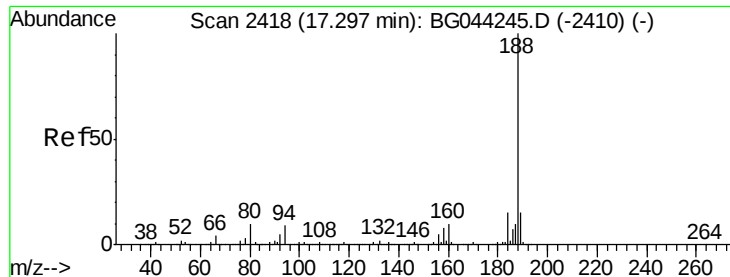
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

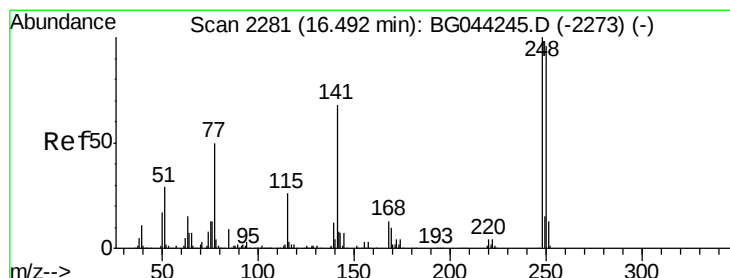
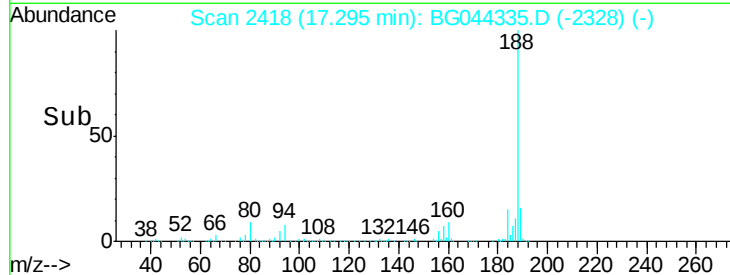
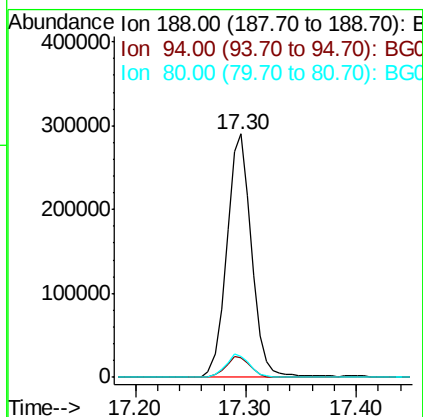
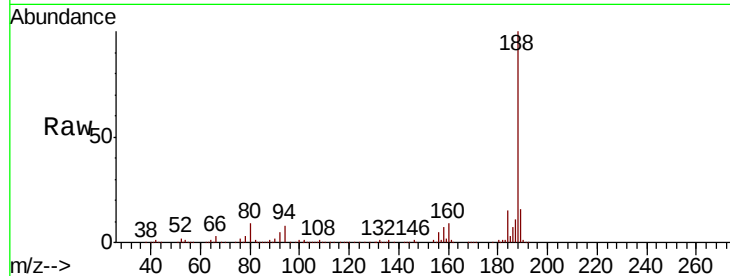
Ion 182.00 (181.70 to 182.70): E





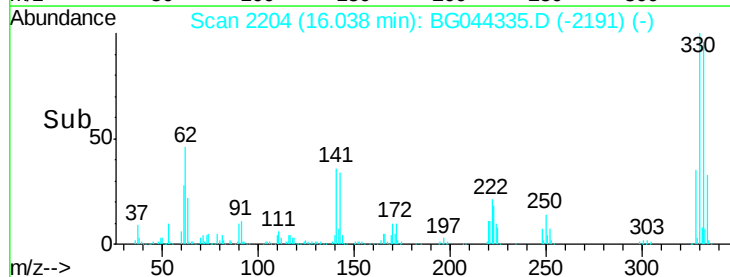
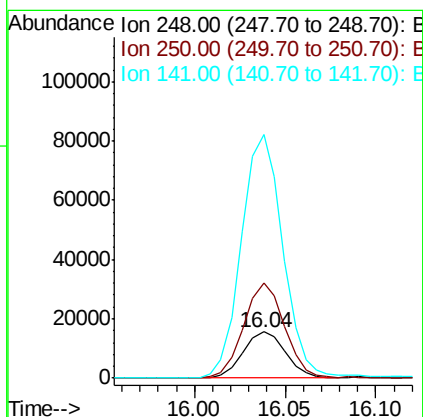
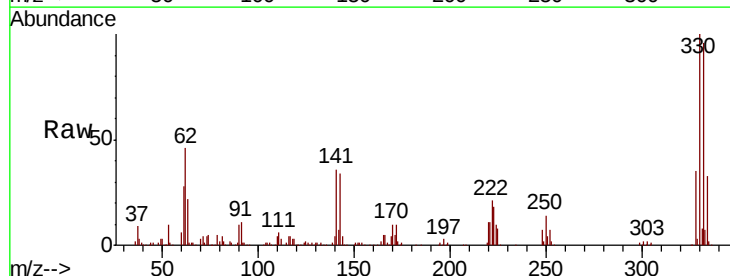
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG044335.D
Acq: 7 Feb 2020 13:41

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.4	11.2
80	8.6	7.7	11.5



#67
4-Bromophenyl-phenylether
Concen: 5.142 ng
RT: 16.04 min Scan# 2204
Delta R.T. -0.45 min
Lab File: BG044335.D
Acq: 7 Feb 2020 13:41

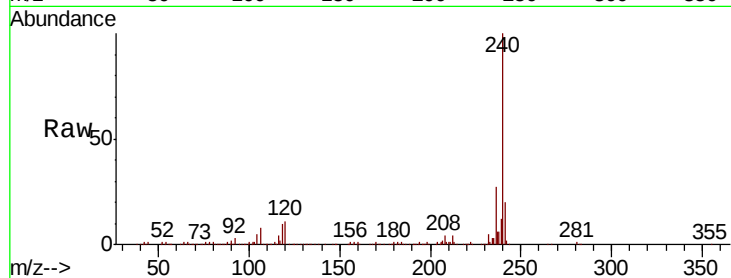
Tgt Ion	Ratio	Lower	Upper
248	100		
250	204.2	76.6	114.8#
141	524.7	54.7	82.1#



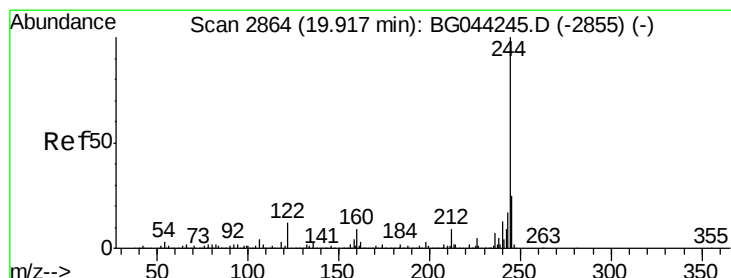
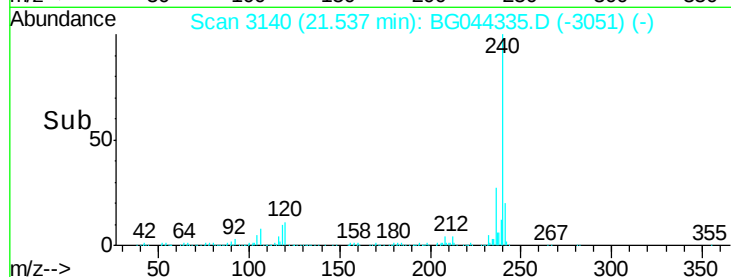
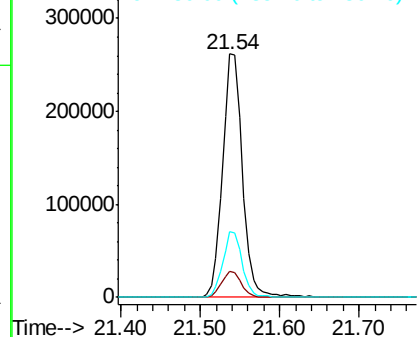


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG044335.D
 Acq: 7 Feb 2020 13:41

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.4	12.6
236	27.0	22.1	33.1

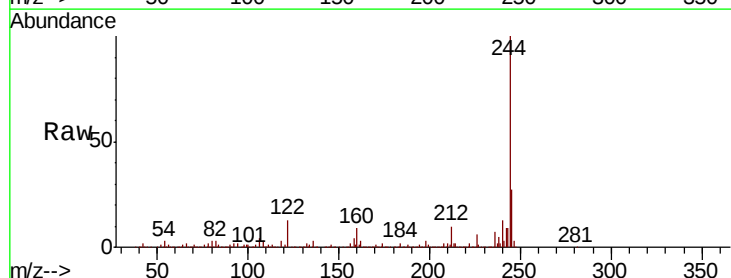


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

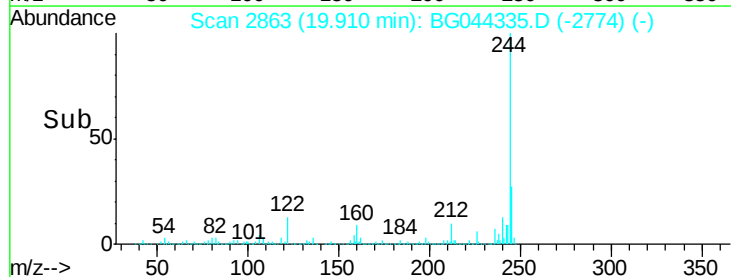
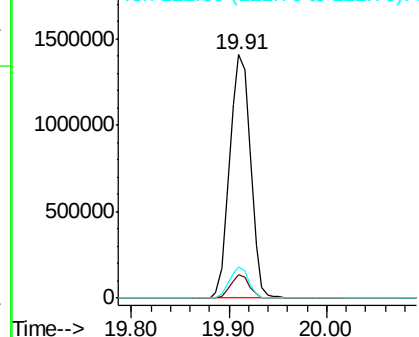


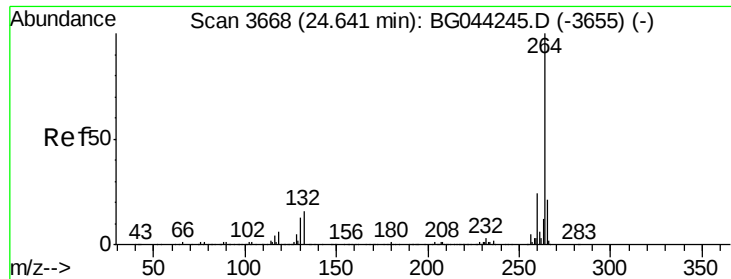
#79
 Terphenyl-d14
 Concen: 94.509 ng
 RT: 19.91 min Scan# 2863
 Delta R.T. -0.01 min
 Lab File: BG044335.D
 Acq: 7 Feb 2020 13:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.4	11.2
122	13.0	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: 24.63 min Scan# 3667
Delta R.T. -0.01 min
Lab File: BG044335.D
Acq: 7 Feb 2020 13:41

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.8	16.7	25.1

