

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044352.D
 Acq On : 8 Feb 2020 2:08
 Operator : CG/JU
 Sample : PB126664TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

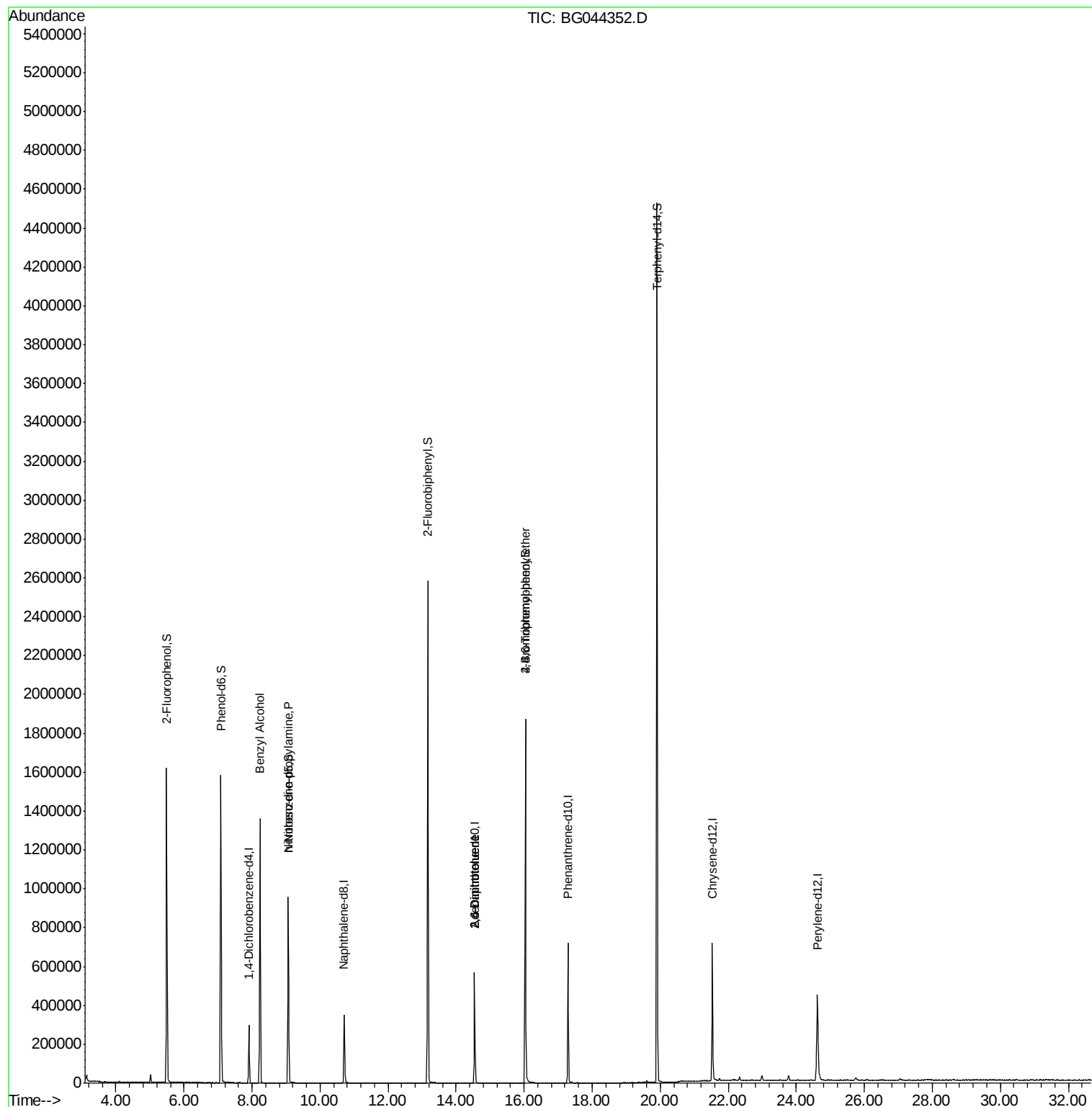
Quant Time: Feb 08 03:23:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

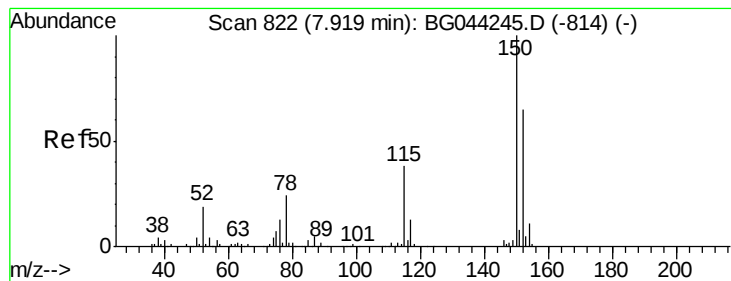
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	85450	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	336700	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	210552	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	467394	20.00	ng	0.00
76) Chrysene-d12	21.53	240	444759	20.00	ng	-0.01
87) Perylene-d12	24.62	264	458364	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	814739	168.27	ng	0.00
7) Phenol-d6	7.08	99	1027573	158.04	ng	0.00
23) Nitrobenzene-d5	9.07	82	634417	106.38	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	390894	158.14	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1391705	110.68	ng	0.00
79) Terphenyl-d14	19.91	244	2107246	97.45	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.23	79	10708	2.326	ng	# 36
19) n-Nitroso-di-n-propylamine	9.07	70	81258	18.753	ng	# 77
51) 2,6-Dinitrotoluene	14.54	165	27091	8.028	ng	# 30
57) 2,4-Dinitrotoluene	14.54	165	27091	5.728	ng	# 28
67) 4-Bromophenyl-phenylether	16.04	248	26986	5.299	ng	# 1

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

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QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.91 min Scan# 821

Delta R.T. -0.01 min

Lab File: BG044352.D

Acq: 8 Feb 2020 2:08

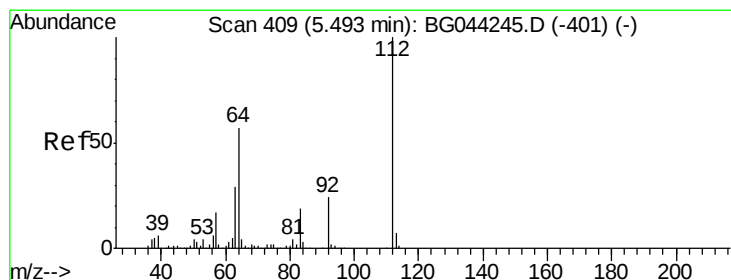
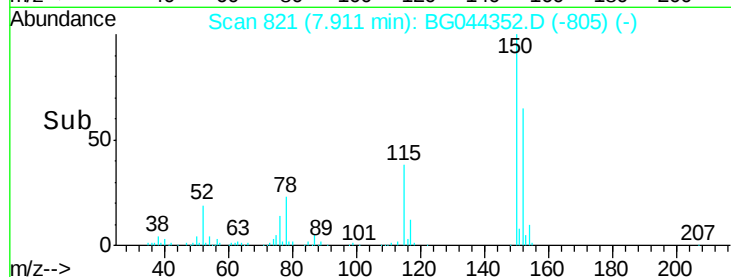
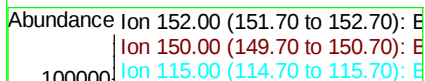
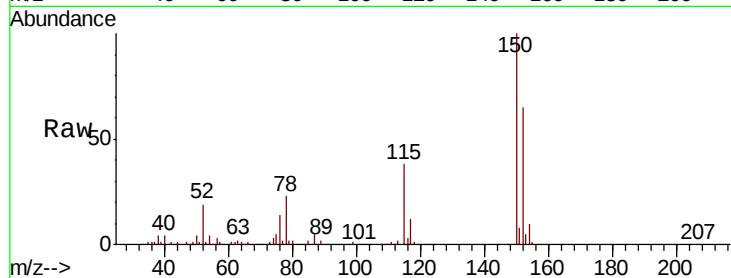
Tot Ion:152 Resp: 85450

Ion Ratio Lower Upper

152 100

150 153.8 122.6 183.8

115 58.7 46.0 69.0



#5

2-Fluorophenol

Concen: 168.272 ng

RT: 5.49 min Scan# 409

Delta R.T. -0.00 min

Lab File: BG044352.D

Acq: 8 Feb 2020 2:08

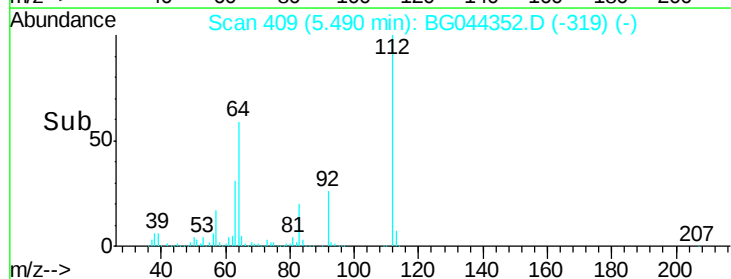
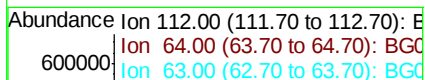
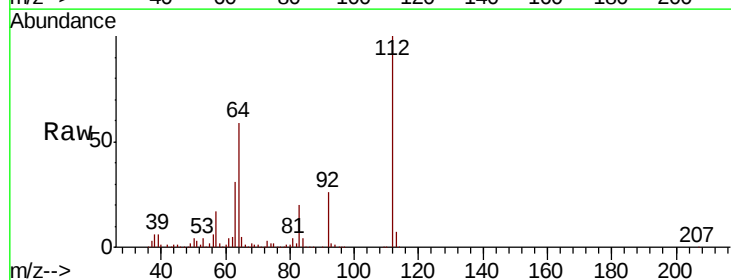
Tgt Ion:112 Resp: 814739

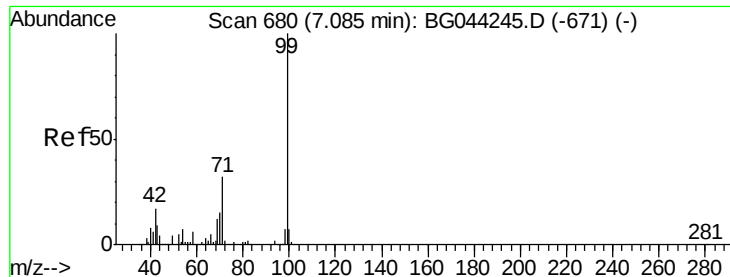
Ion Ratio Lower Upper

112 100

64 58.5 45.4 68.2

63 30.5 22.9 34.3





#7

Phenol-d6

Concen: 158.044 ng

RT: 7.08 min Scan# 680

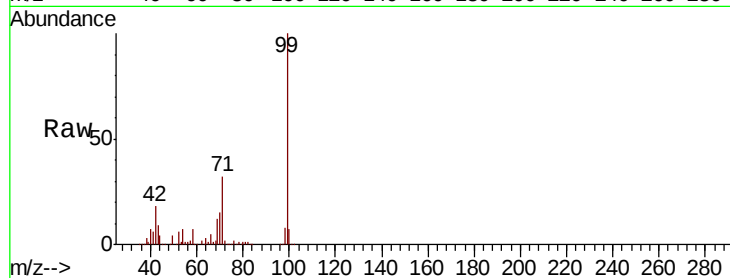
Delta R.T. -0.00 min

Lab File: BG044352.D

Acq: 8 Feb 2020 2:08

Tot Ion: 99 Resp: 1027573

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.8	20.6
71	32.1	25.5	38.3

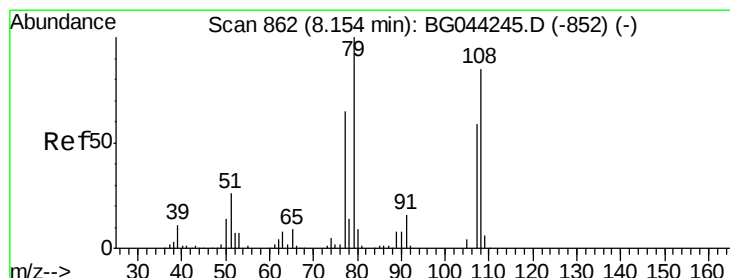
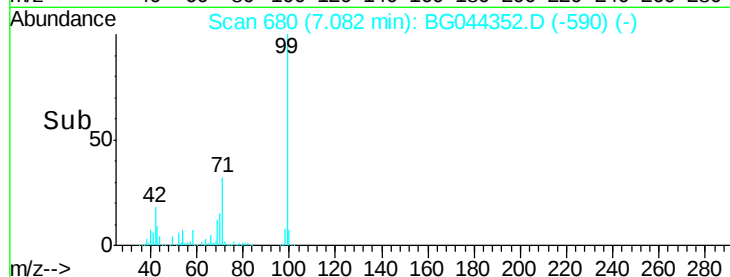
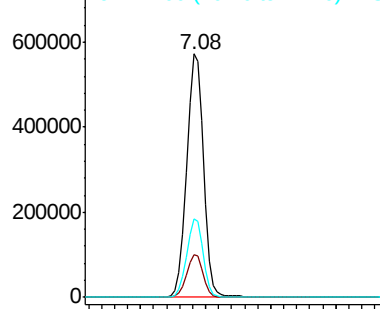


Abundance

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: 2.326 ng

RT: 8.23 min Scan# 876

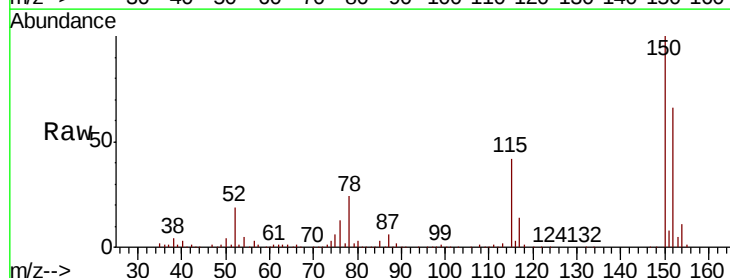
Delta R.T. 0.08 min

Lab File: BG044352.D

Acq: 8 Feb 2020 2:08

Tgt Ion: 79 Resp: 10708

Ion	Ratio	Lower	Upper
79	100		
108	36.1	68.3	102.5#
77	124.9	51.8	77.8#

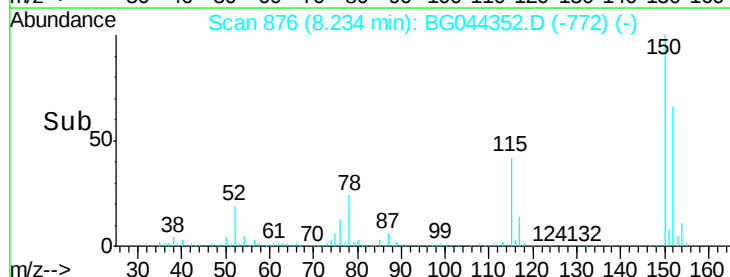
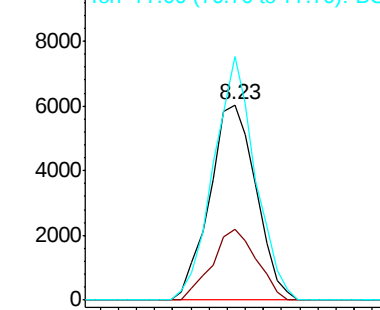


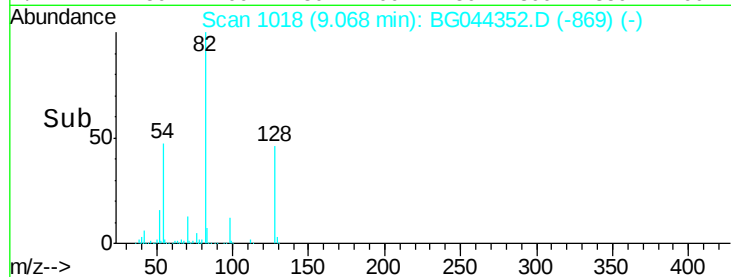
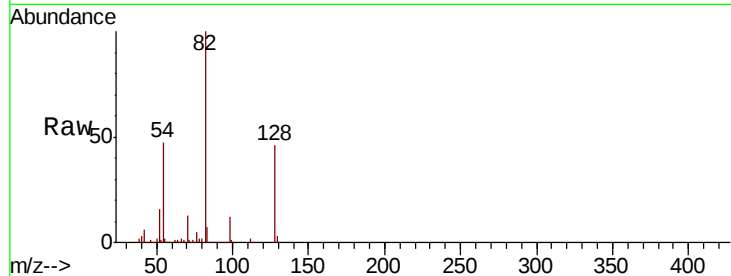
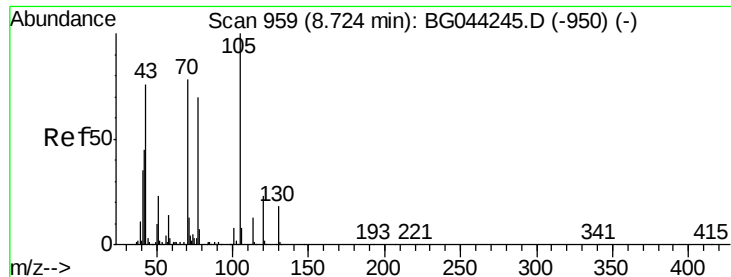
Abundance

Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

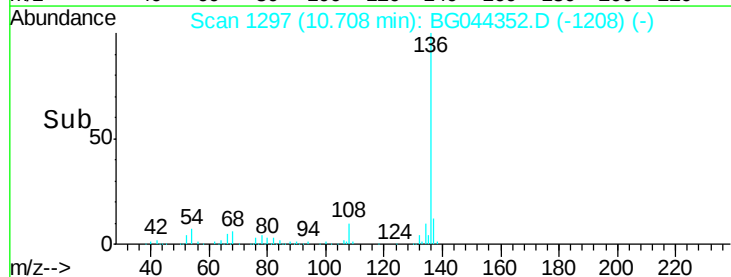
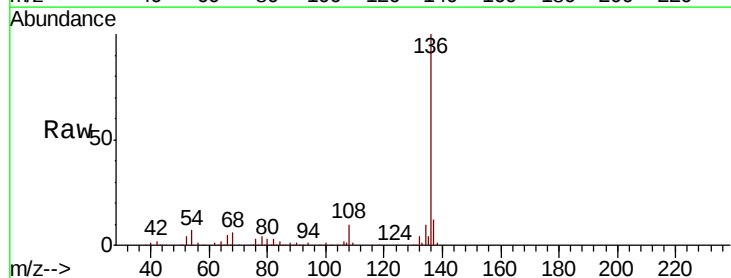
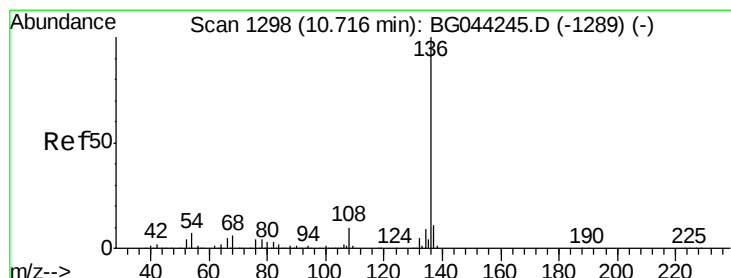
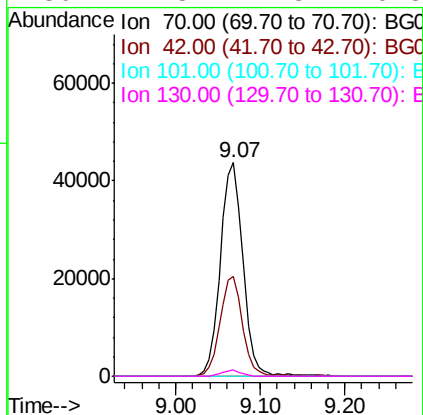
Ion 77.00 (76.70 to 77.70): BGC





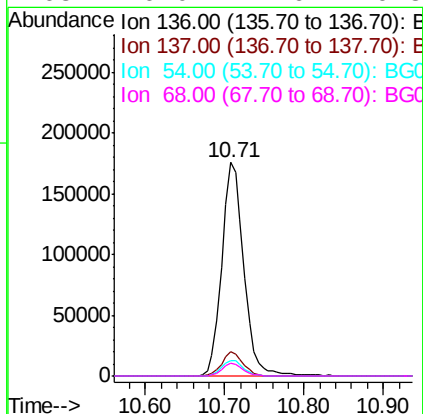
#19
n-Nitroso-di-n-propylamine
Concen: 18.753 ng
RT: 9.07 min Scan# 1018
Delta R.T. 0.34 min
Lab File: BG044352.D
Acq: 8 Feb 2020 2:08

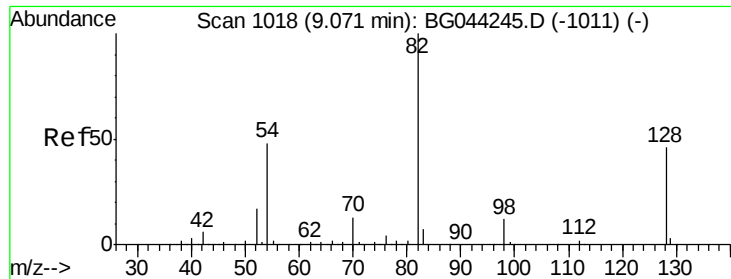
Tot Ion:	70	Resp:	81258
Ion	Ratio	Lower	Upper
70	100		
42	46.6	46.2	69.2
101	0.0	8.4	12.6#
130	2.8	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG044352.D
Acq: 8 Feb 2020 2:08

Tgt Ion:	136	Resp:	336700
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	7.3	5.8	8.8
68	6.0	4.6	6.8





#23

Nitrobenzene-d5

Concen: 106.376 ng

RT: 9.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BG044352.D

Acq: 8 Feb 2020 2:08

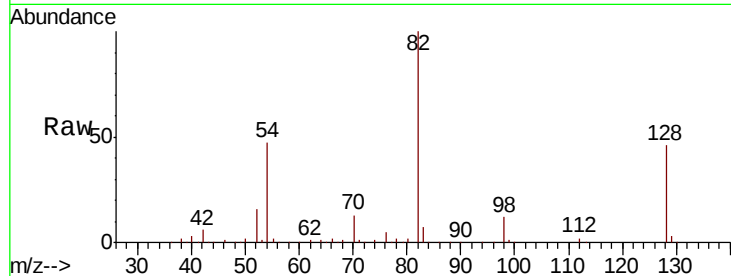
Tot Ion: 82 Resp: 634417

Ion Ratio Lower Upper

82 100

128 45.9 36.5 54.7

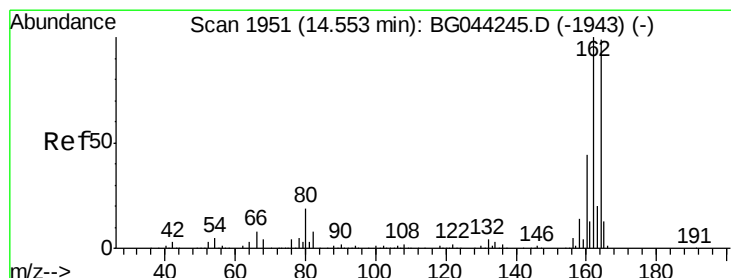
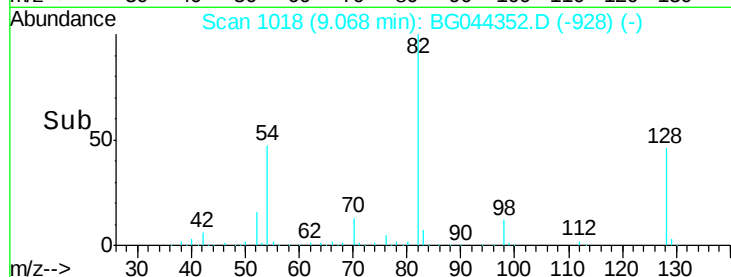
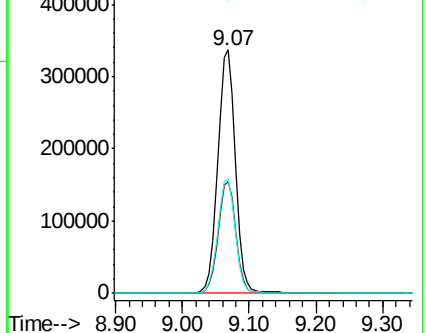
54 46.9 38.6 58.0



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: 14.54 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG044352.D

Acq: 8 Feb 2020 2:08

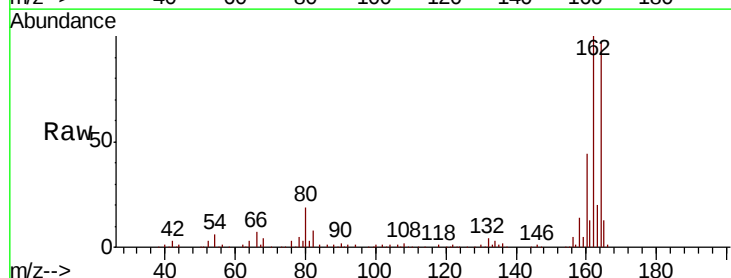
Tgt Ion:164 Resp: 210552

Ion Ratio Lower Upper

164 100

162 103.2 80.7 121.1

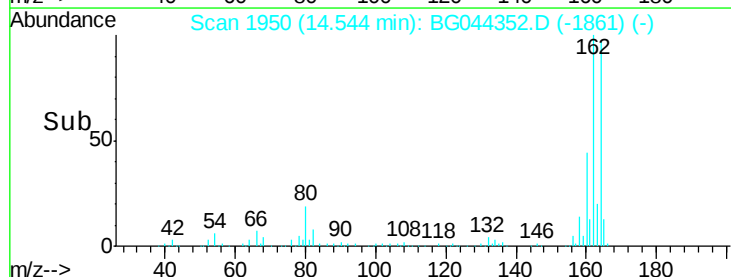
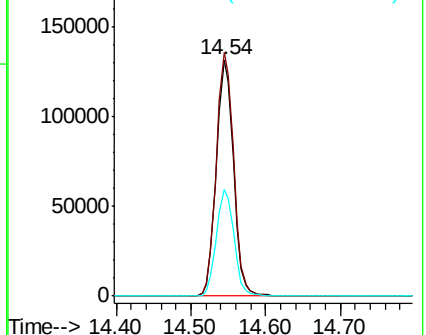
160 45.4 35.3 52.9

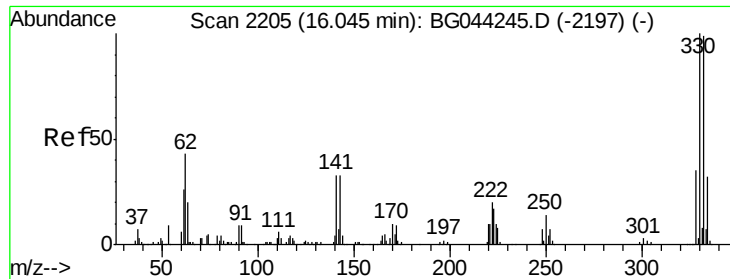


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

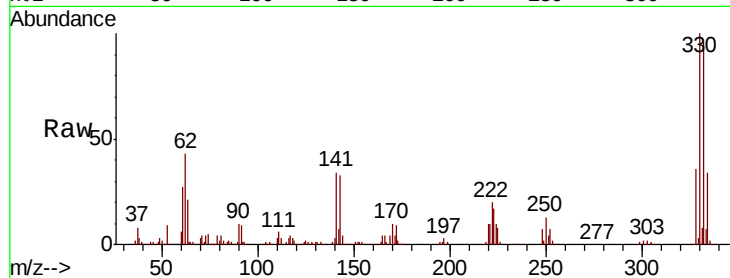
Ion 160.00 (159.70 to 160.70): BGC



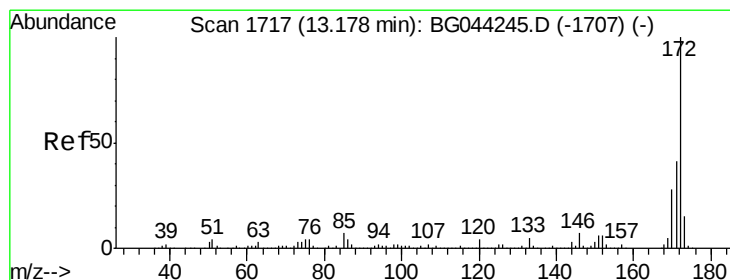
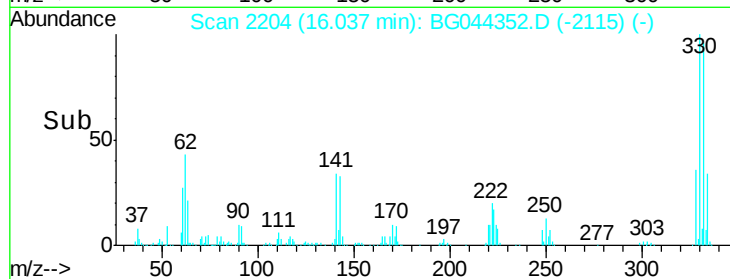
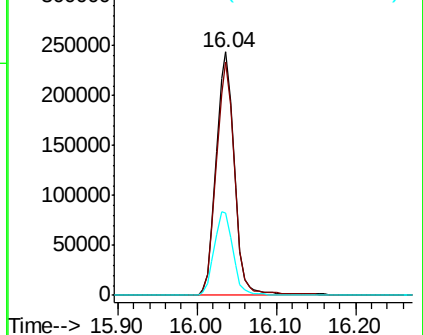


#42
 2,4,6-Tribromophenol
 Concen: 158.144 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG044352.D
 Acq: 8 Feb 2020 2:08

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.2	115.8
141	35.1	28.3	42.5

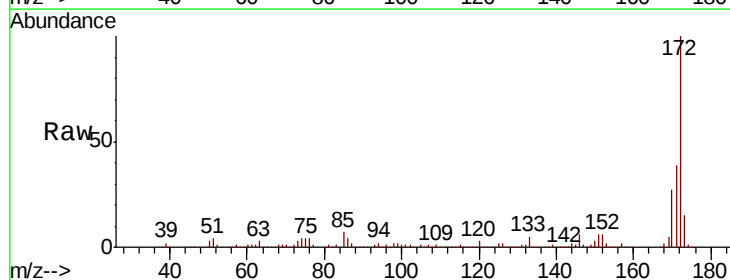


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

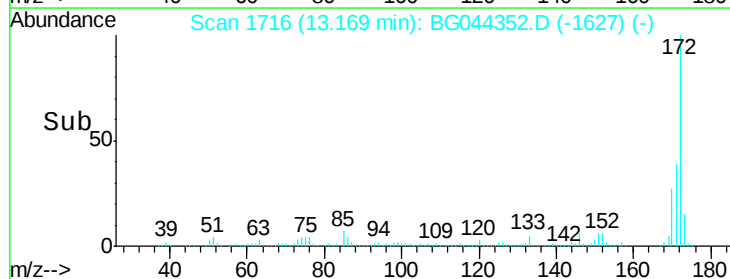
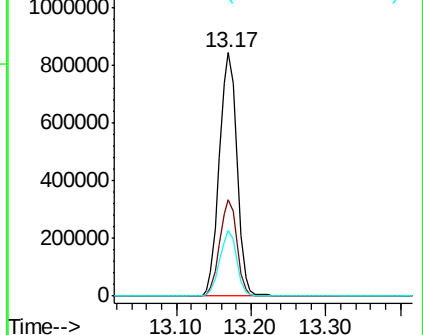


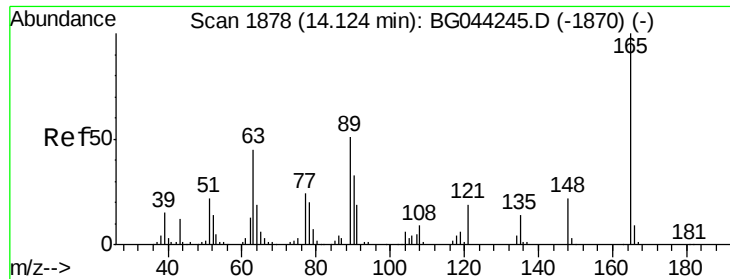
#45
 2-Fluorobiphenyl
 Concen: 110.685 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG044352.D
 Acq: 8 Feb 2020 2:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	32.9	49.3
170	26.8	22.0	33.0



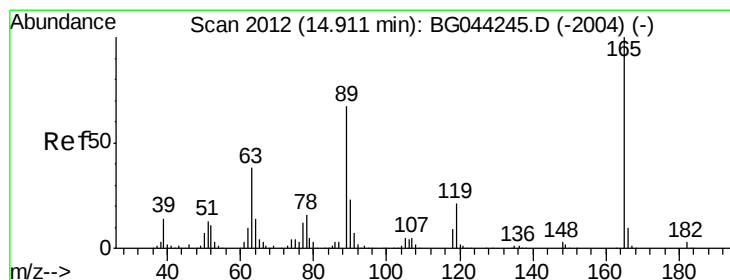
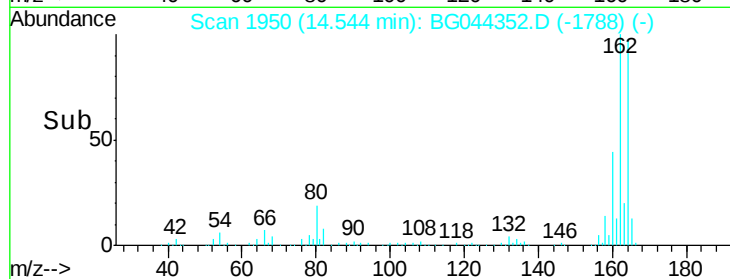
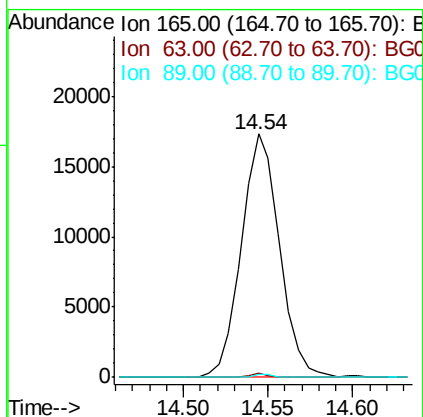
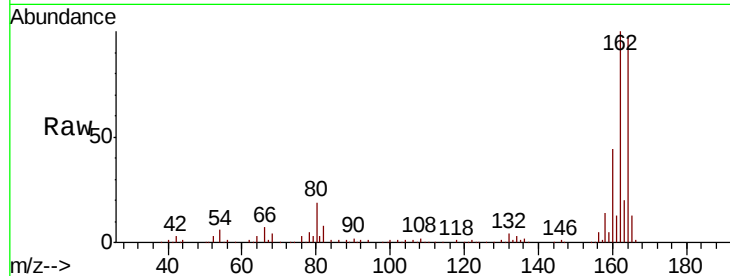
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





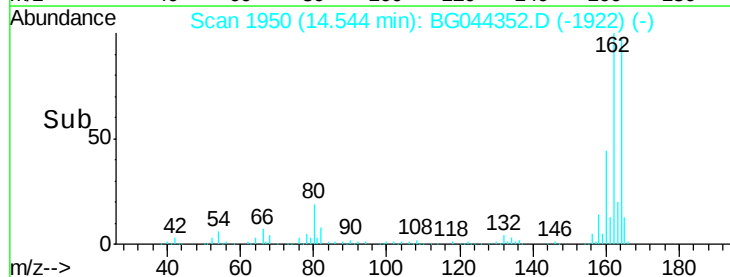
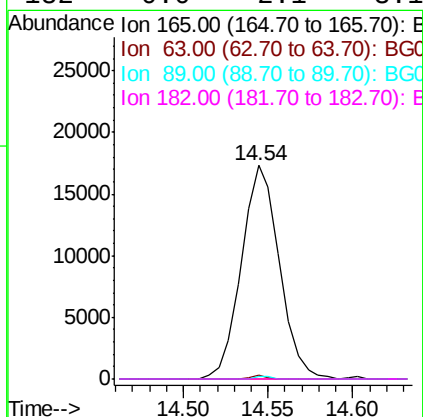
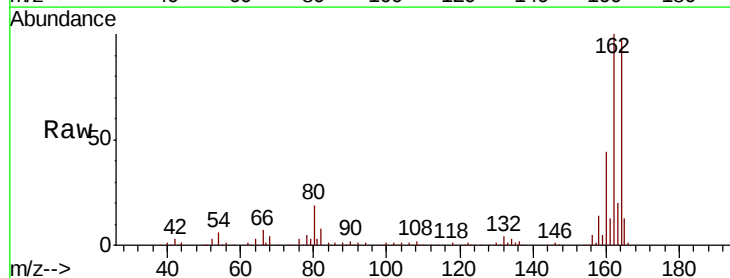
#51
 2,6-Dinitrotoluene
 Concen: 8.028 ng
 RT: 14.54 min Scan# 1950
 Delta R.T. 0.42 min
 Lab File: BG044352.D
 Acq: 8 Feb 2020 2:08

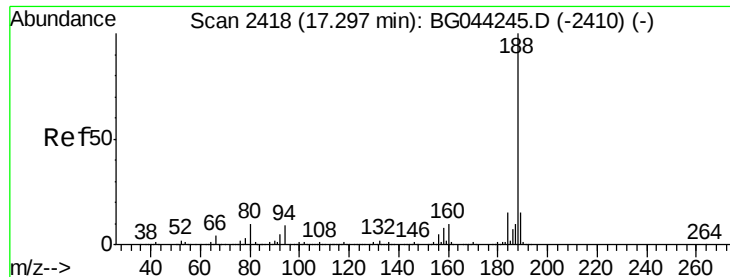
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	38.7	58.1#
89	1.4	40.4	60.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.728 ng
 RT: 14.54 min Scan# 1950
 Delta R.T. -0.37 min
 Lab File: BG044352.D
 Acq: 8 Feb 2020 2:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	30.3	45.5#
89	1.4	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: BG044352.D

Acq: 8 Feb 2020 2:08

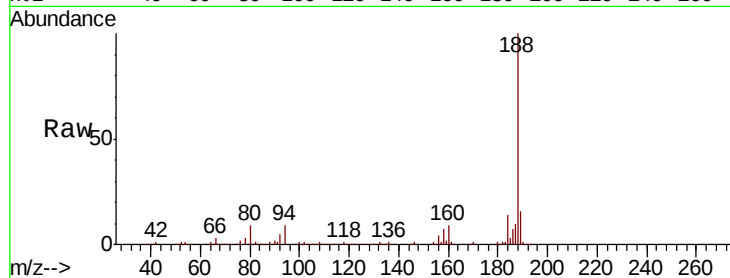
Tot Ion:188 Resp: 467394

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

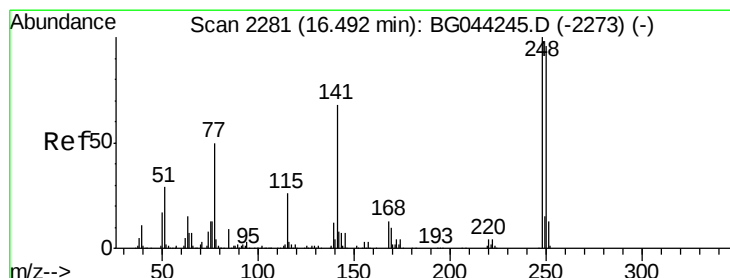
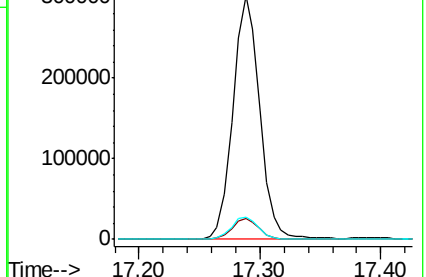
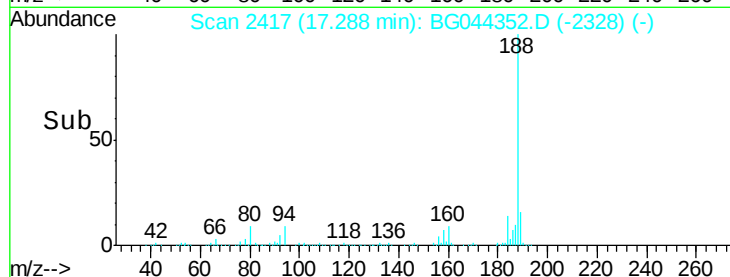
80 9.3 7.7 11.5



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: 5.299 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.46 min

Lab File: BG044352.D

Acq: 8 Feb 2020 2:08

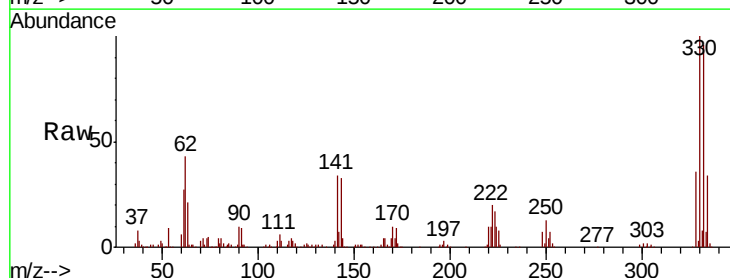
Tgt Ion:248 Resp: 26986

Ion Ratio Lower Upper

248 100

250 185.4 76.6 114.8#

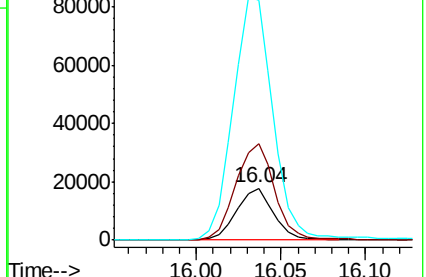
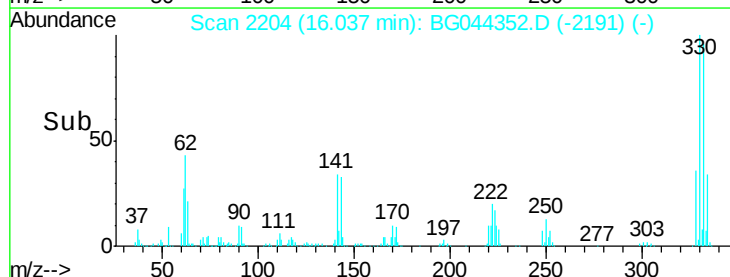
141 462.9 54.7 82.1#

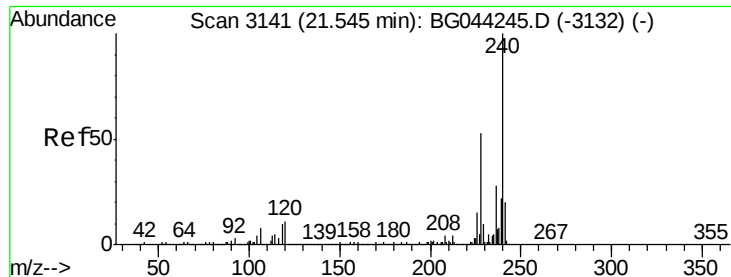


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

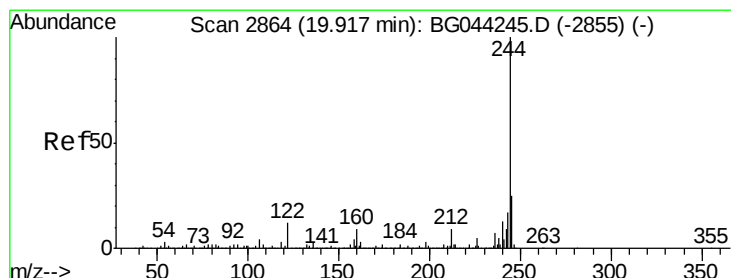
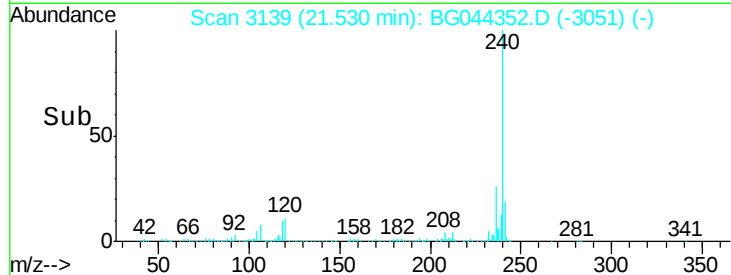
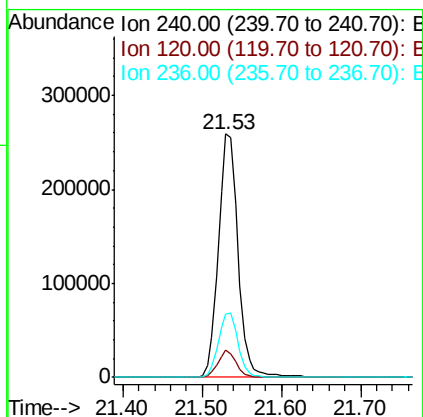
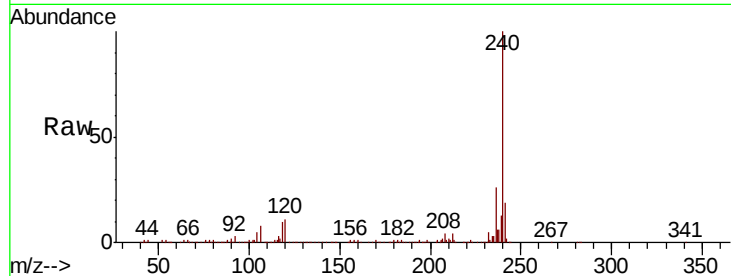
Ion 141.00 (140.70 to 141.70): E





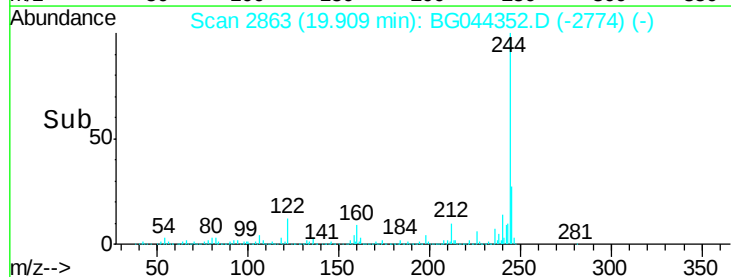
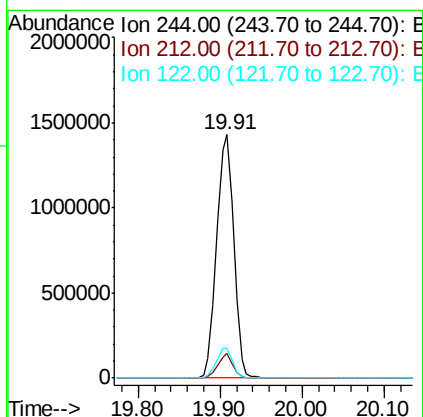
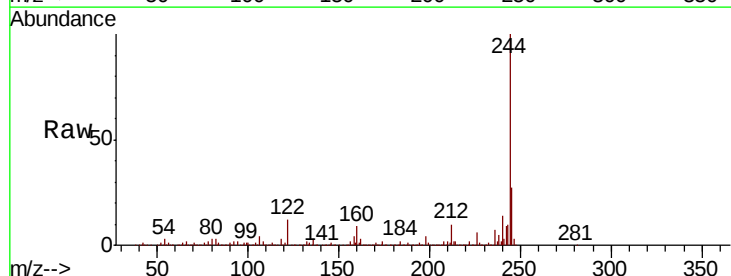
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG044352.D
 Acq: 8 Feb 2020 2:08

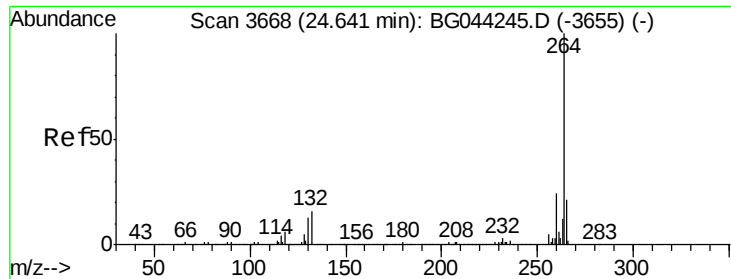
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.4	12.6
236	25.9	22.1	33.1



#79
 Terphenyl-d14
 Concen: 97.454 ng
 RT: 19.91 min Scan# 2863
 Delta R.T. -0.01 min
 Lab File: BG044352.D
 Acq: 8 Feb 2020 2:08

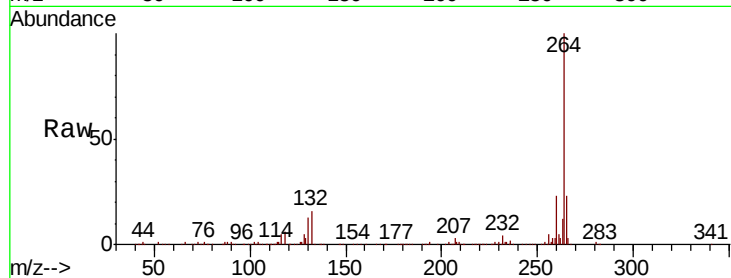
Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.4	11.2
122	12.4	9.8	14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.62 min Scan# 3665
Delta R.T. -0.02 min
Lab File: BG044352.D
Acq: 8 Feb 2020 2:08

Tot	Ion:264	Resp:	458364
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	22.8	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

