

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044346.D
 Acq On : 7 Feb 2020 20:54
 Operator : CG/JU
 Sample : L1429-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

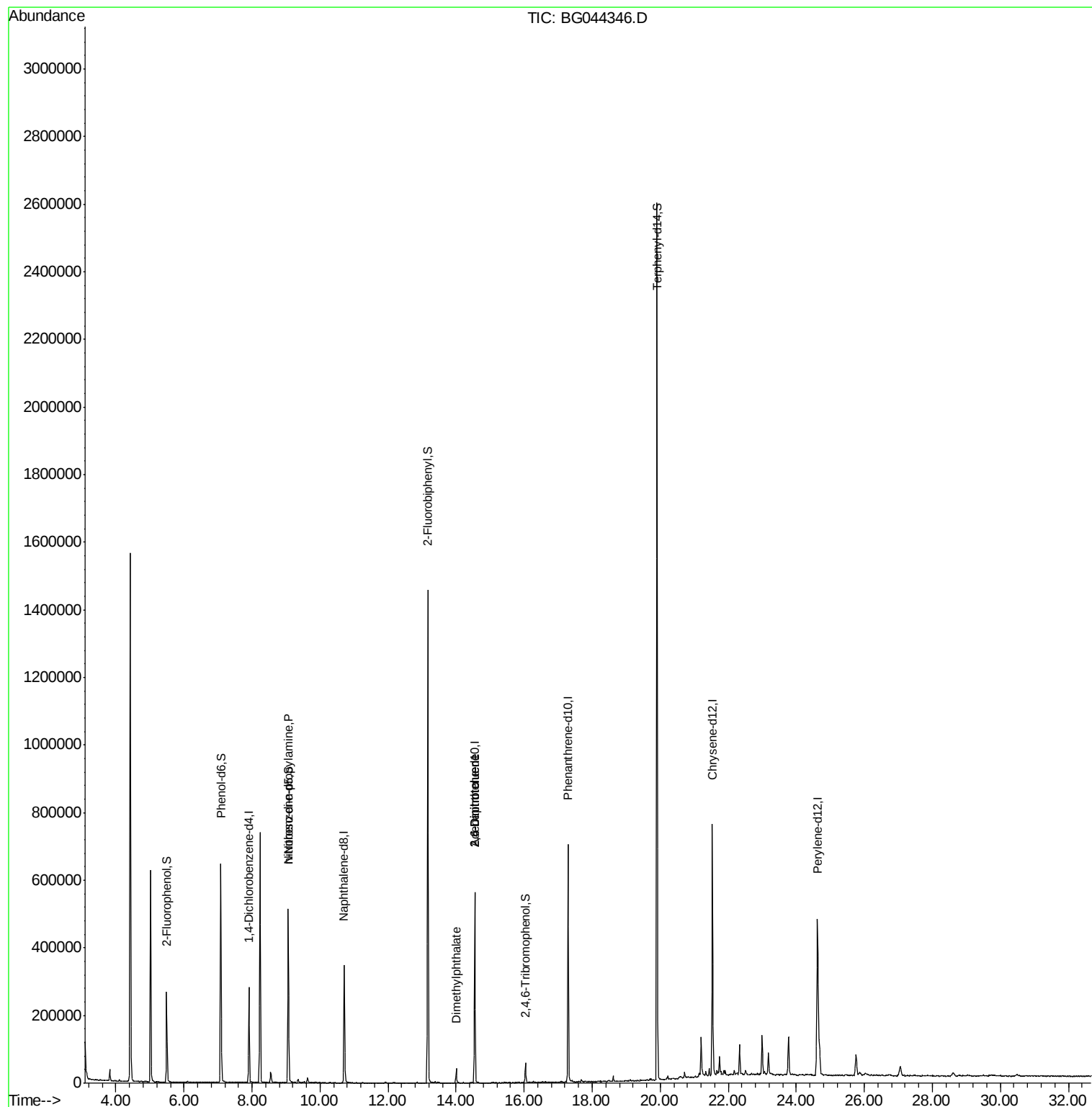
Quant Time: Feb 08 02:35:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

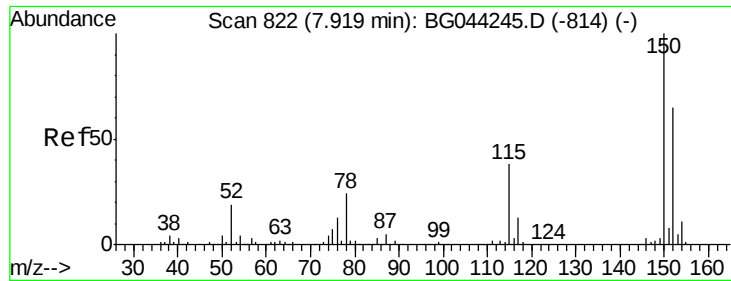
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	85896	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	339731	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	210846	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	465521	20.00	ng	0.00
76) Chrysene-d12	21.54	240	450128	20.00	ng	0.00
87) Perylene-d12	24.63	264	473785	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	140903	28.95	ng	0.00
7) Phenol-d6	7.08	99	419772	64.23	ng	0.00
23) Nitrobenzene-d5	9.07	82	346078	57.51	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	14574	5.89	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	815067	64.73	ng	0.00
79) Terphenyl-d14	19.91	244	1286102	58.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.07	70	44539	10.225	ng	Qvalue # 74
50) Dimethylphthalate	14.00	163	38365	2.531	ng	98
51) 2,6-Dinitrotoluene	14.55	165	27719	8.203	ng	# 29
57) 2,4-Dinitrotoluene	14.55	165	27719	5.852	ng	# 27

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

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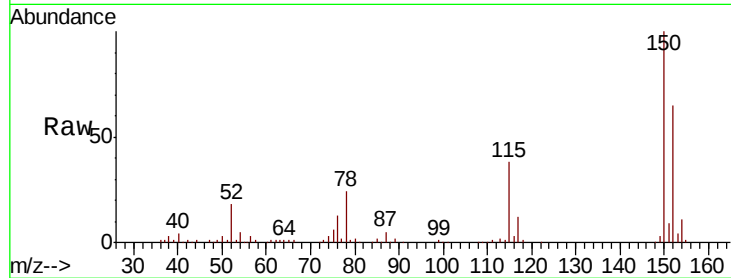




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044346.D
Acq: 7 Feb 2020 20:54

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	122.6	183.8
115	58.0	46.0	69.0

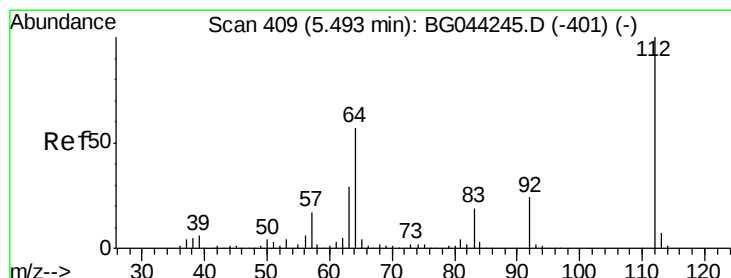
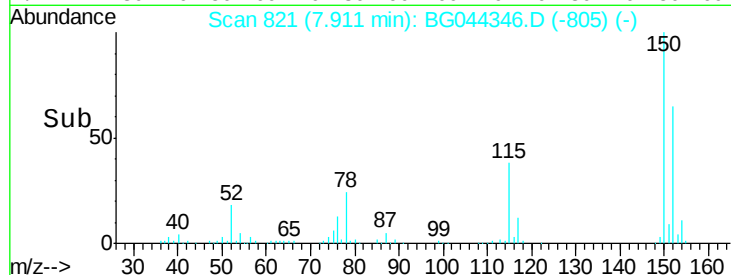
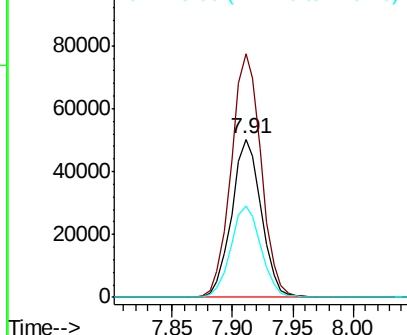


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

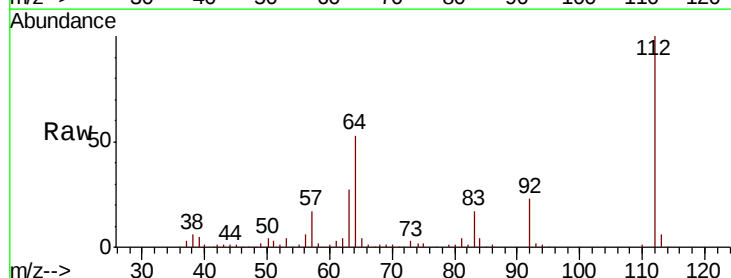
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 28.950 ng
RT: 5.50 min Scan# 410
Delta R.T. 0.00 min
Lab File: BG044346.D
Acq: 7 Feb 2020 20:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	45.4	68.2
63	27.2	22.9	34.3

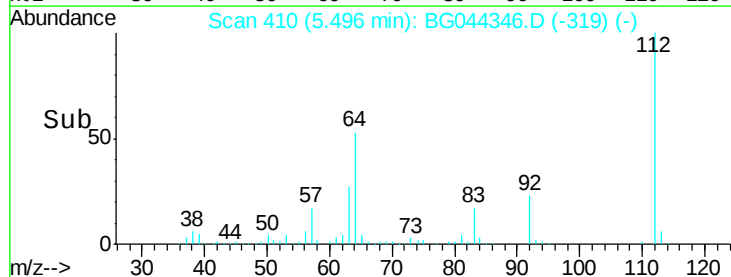
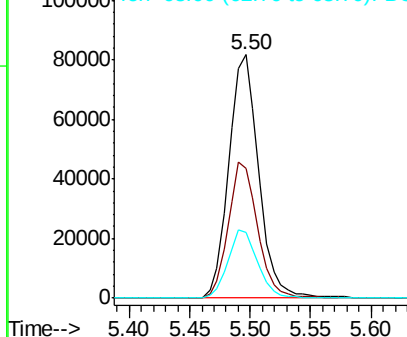


Abundance

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: 64.227 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044346.D

Acq: 7 Feb 2020 20:54

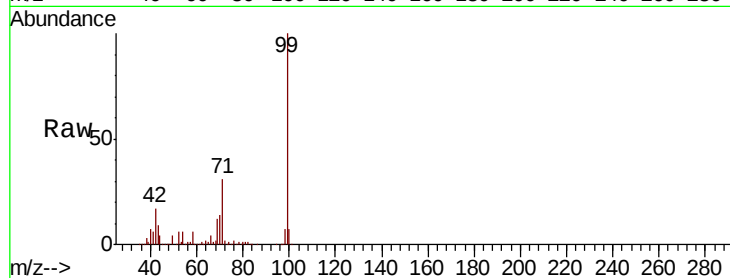
Tot Ion: 99 Resp: 419772

Ion Ratio Lower Upper

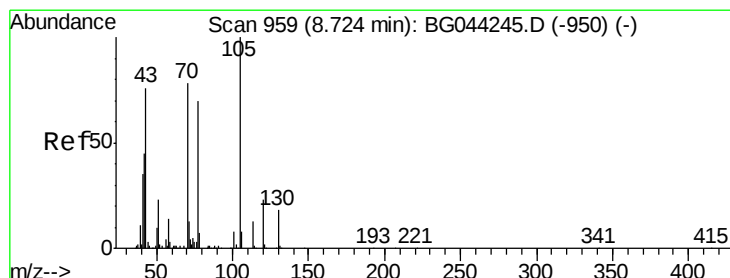
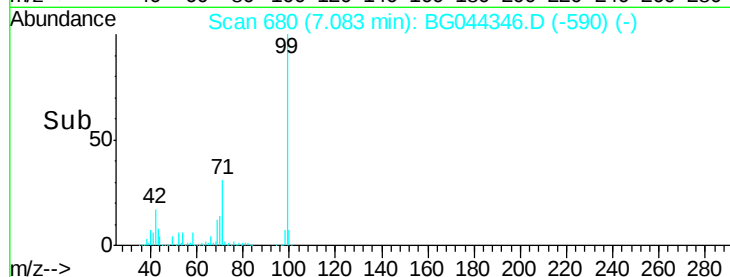
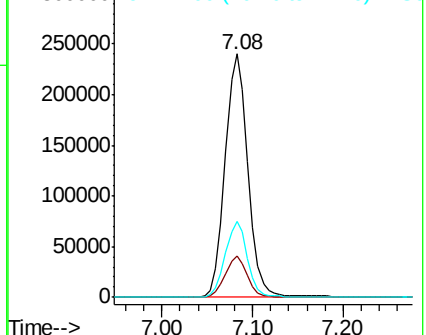
99 100

42 17.0 13.8 20.6

71 31.2 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



#19

n-Nitroso-di-n-propylamine

Concen: 10.225 ng

RT: 9.07 min Scan# 1018

Delta R.T. 0.34 min

Lab File: BG044346.D

Acq: 7 Feb 2020 20:54

Tgt Ion: 70 Resp: 44539

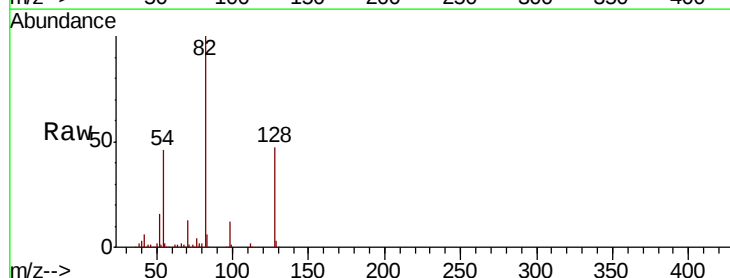
Ion Ratio Lower Upper

70 100

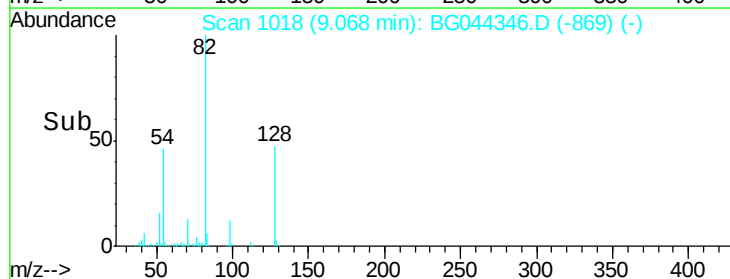
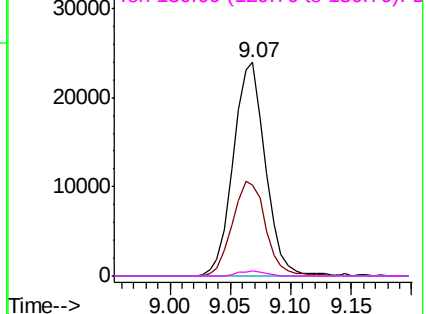
42 42.8 46.2 69.2#

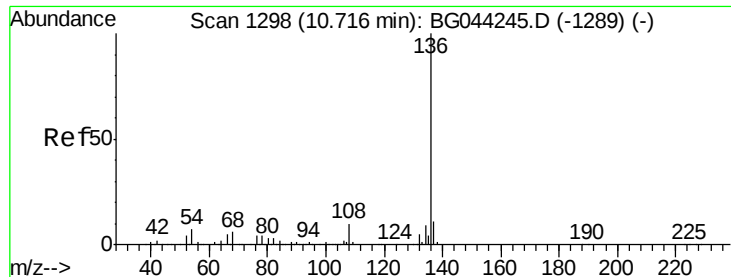
101 0.0 8.4 12.6#

130 2.2 17.8 26.8#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.71 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BG044346.D

Acq: 7 Feb 2020 20:54

Tot Ion:136 Resp: 339731

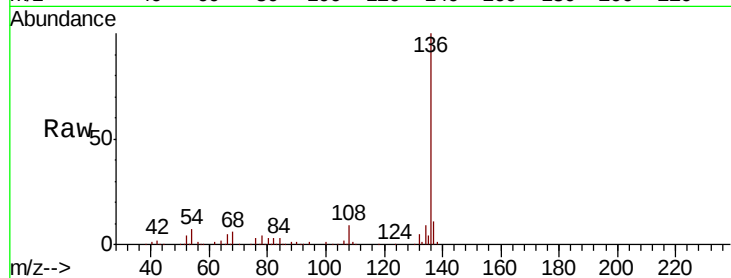
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.1 5.8 8.8

68 5.5 4.6 6.8

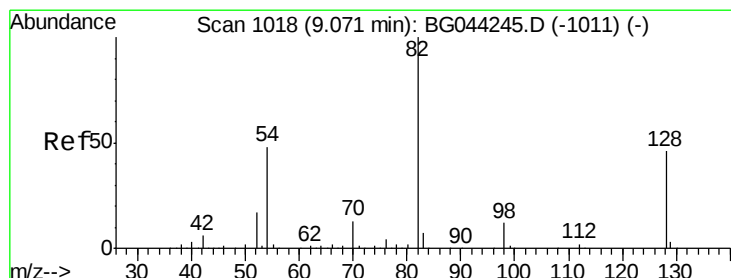
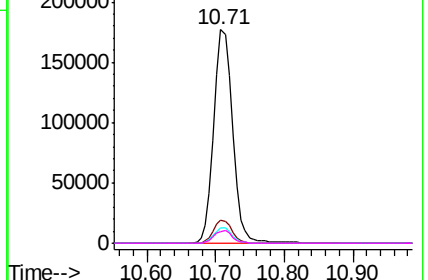
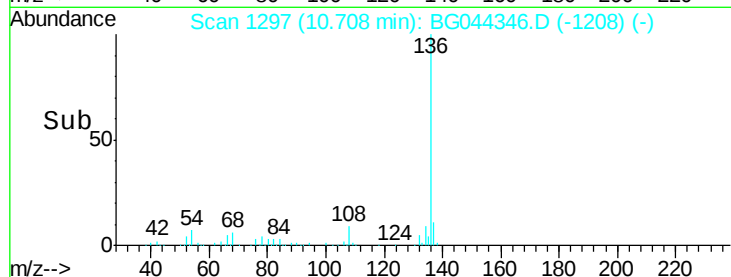


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 57.511 ng

RT: 9.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BG044346.D

Acq: 7 Feb 2020 20:54

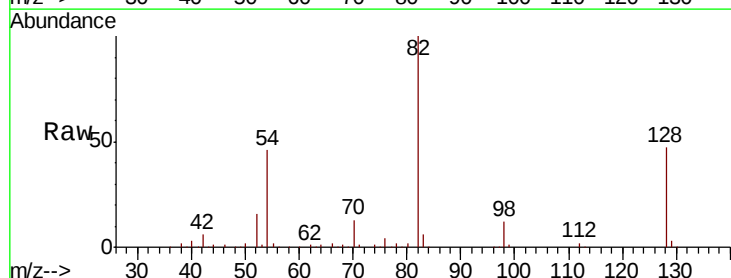
Tgt Ion: 82 Resp: 346078

Ion Ratio Lower Upper

82 100

128 46.7 36.5 54.7

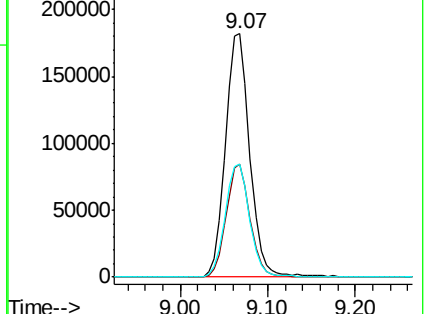
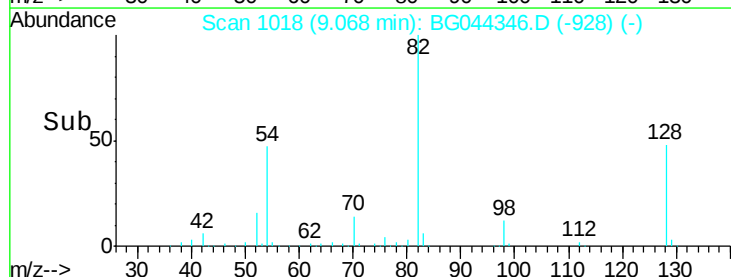
54 46.4 38.6 58.0

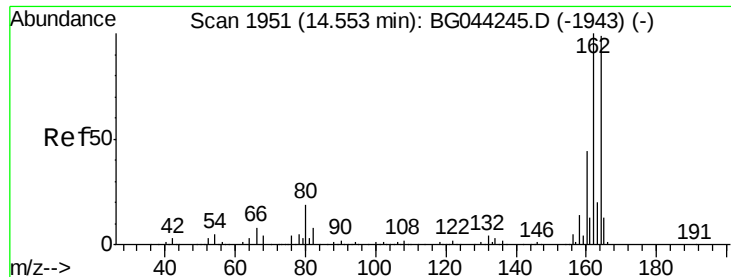


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

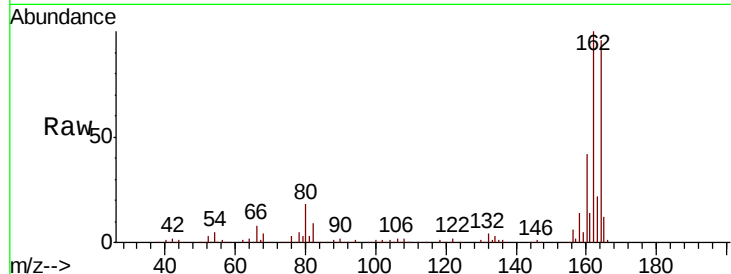
Ion 54.00 (53.70 to 54.70): BGC



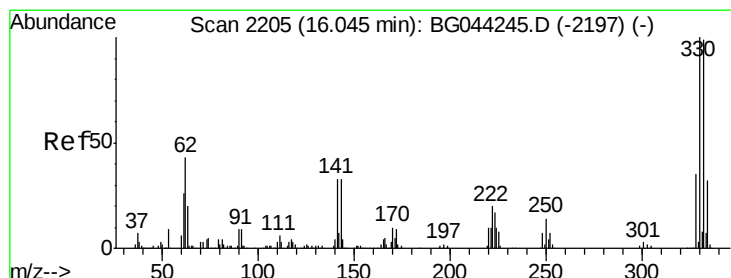
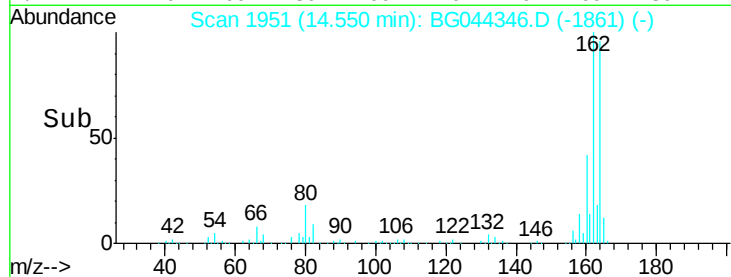
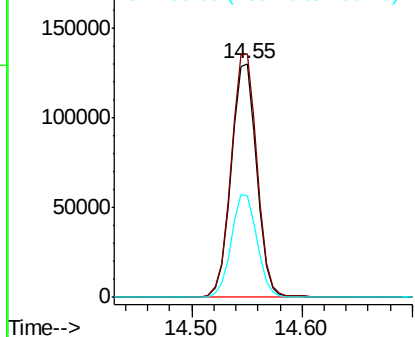


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044346.D
Acq: 7 Feb 2020 20:54

Tot Ion:164 Resp: 210846
Ion Ratio Lower Upper
164 100
162 104.1 80.7 121.1
160 43.6 35.3 52.9

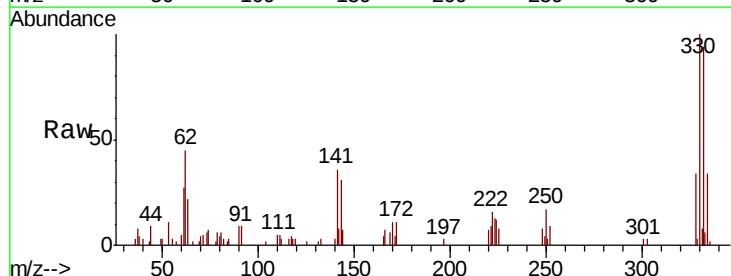


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

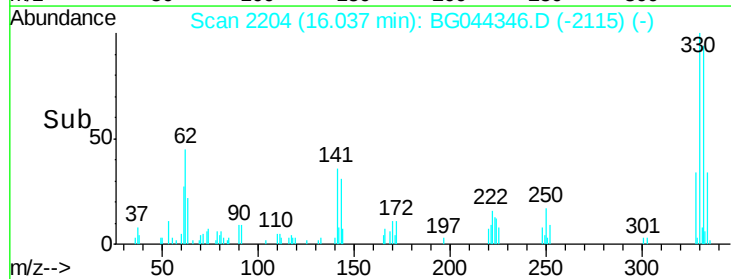
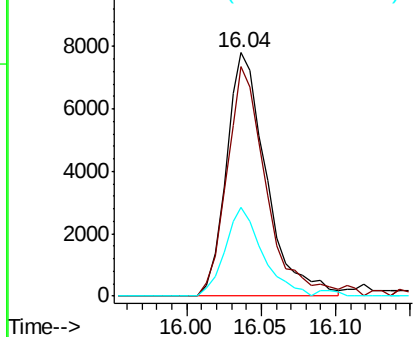


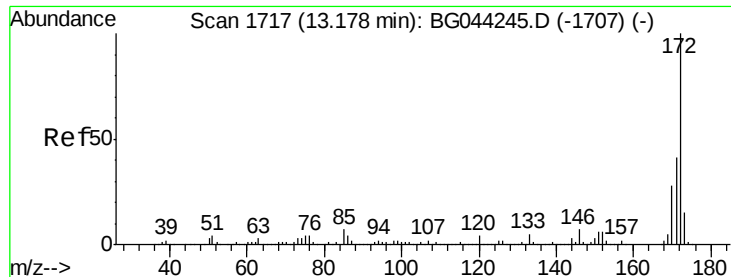
#42
2,4,6-Tribromophenol
Concen: 5.888 ng
RT: 16.04 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG044346.D
Acq: 7 Feb 2020 20:54

Tgt Ion:330 Resp: 14574
Ion Ratio Lower Upper
330 100
332 93.1 77.2 115.8
141 34.1 28.3 42.5



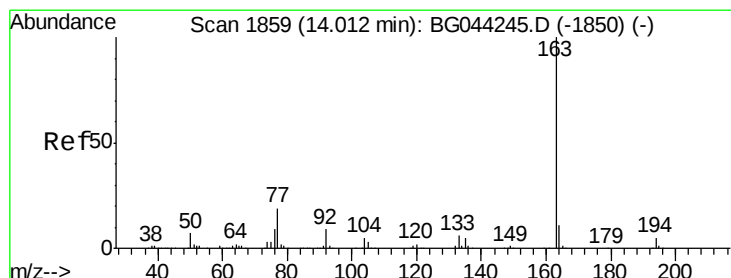
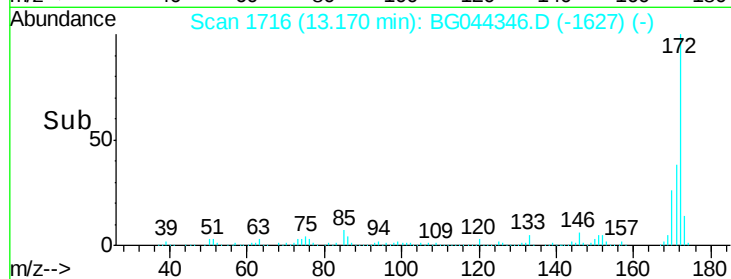
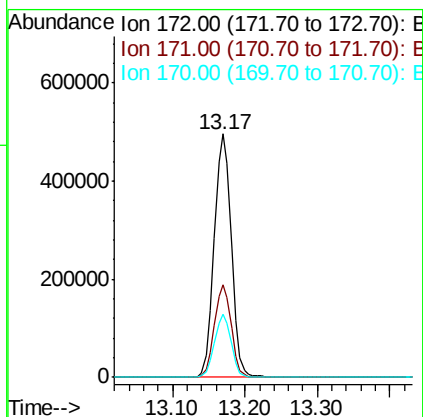
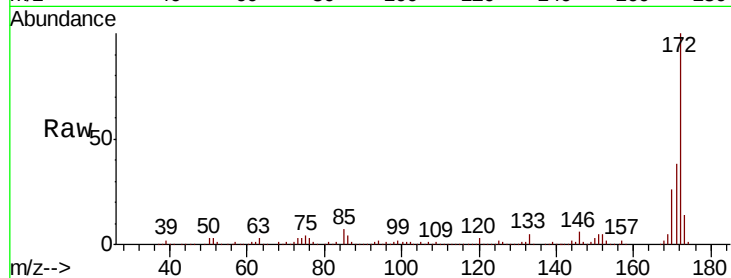
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





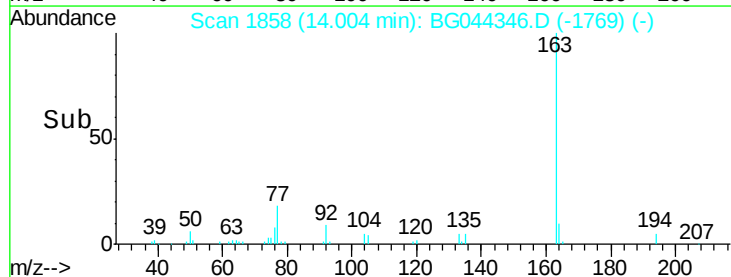
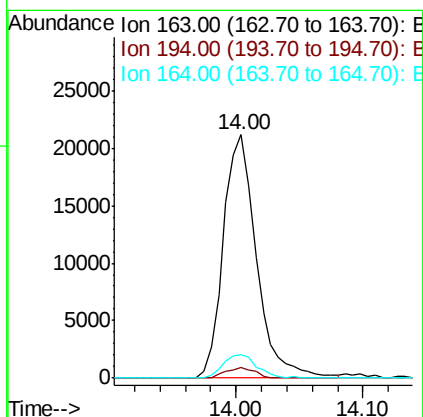
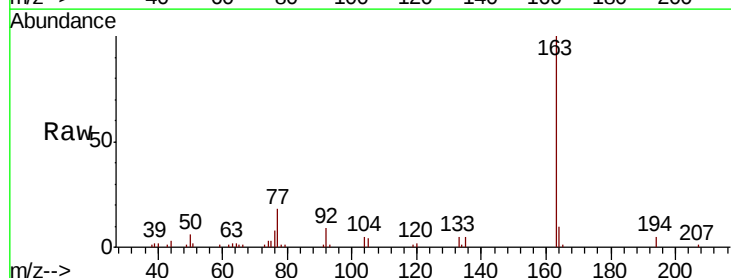
#45
2-Fluorobiphenyl
Concen: 64.733 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG044346.D
Acq: 7 Feb 2020 20:54

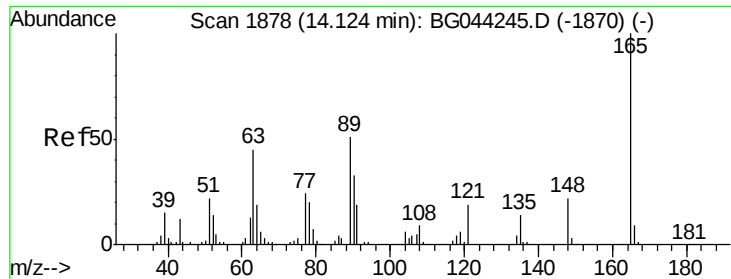
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	32.9	49.3
170	25.7	22.0	33.0



#50
Dimethylphthalate
Concen: 2.531 ng
RT: 14.00 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG044346.D
Acq: 7 Feb 2020 20:54

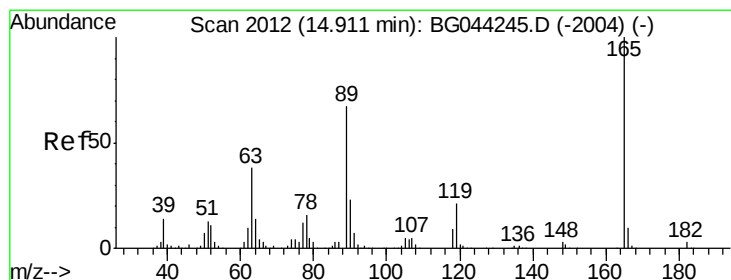
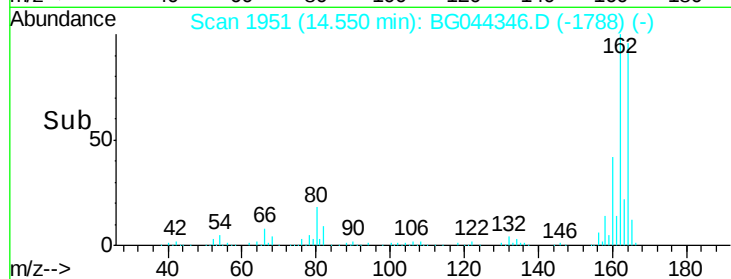
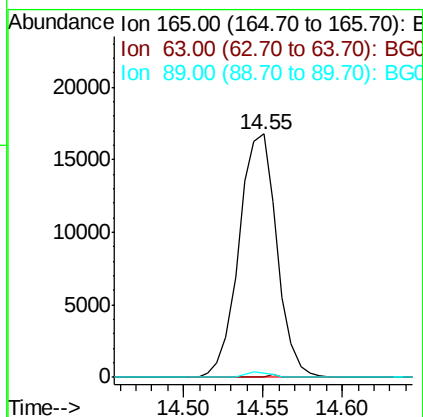
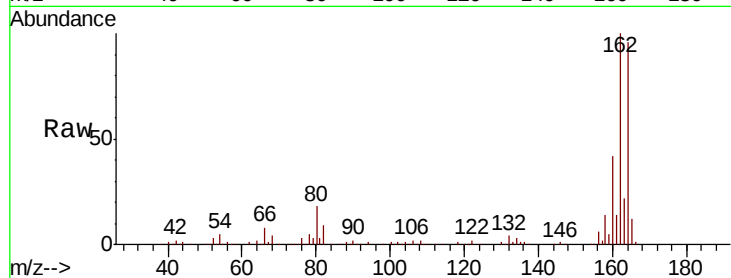
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	9.9	8.7	13.1





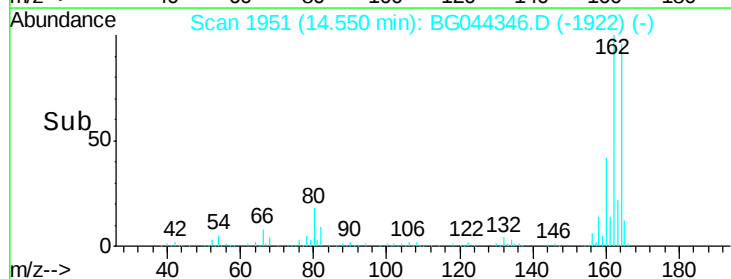
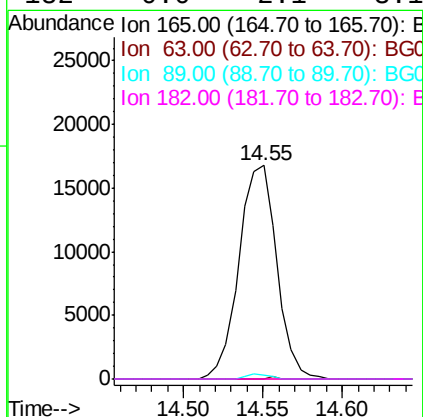
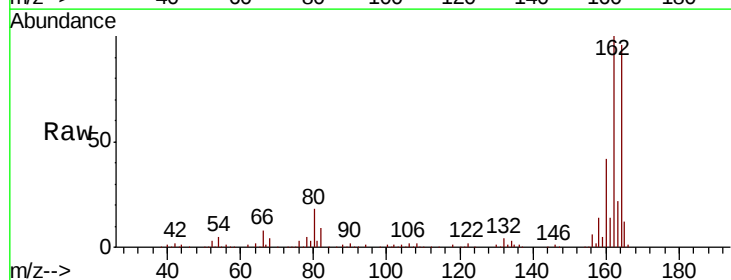
#51
 2,6-Dinitrotoluene
 Concen: 8.203 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. 0.43 min
 Lab File: BG044346.D
 Acq: 7 Feb 2020 20:54

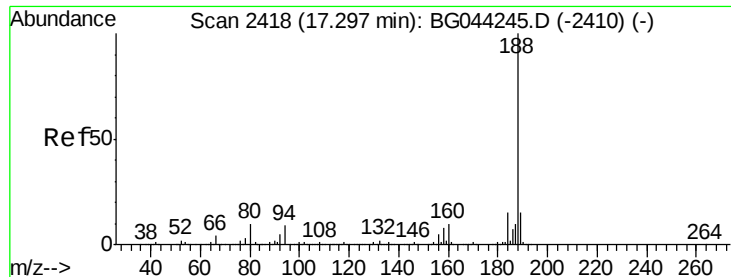
Tot Ion:165 Resp: 27719
 Ion Ratio Lower Upper
 165 100
 63 0.0 38.7 58.1#
 89 1.7 40.4 60.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.852 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.36 min
 Lab File: BG044346.D
 Acq: 7 Feb 2020 20:54

Tgt Ion:165 Resp: 27719
 Ion Ratio Lower Upper
 165 100
 63 0.0 30.3 45.5#
 89 1.7 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: BG044346.D

Acq: 7 Feb 2020 20:54

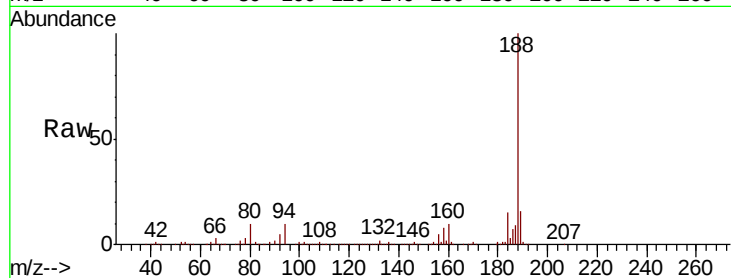
Tot Ion:188 Resp: 465521

Ion Ratio Lower Upper

188 100

94 9.9 7.4 11.2

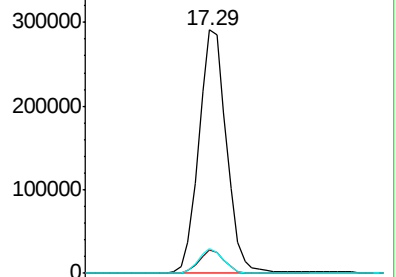
80 9.9 7.7 11.5



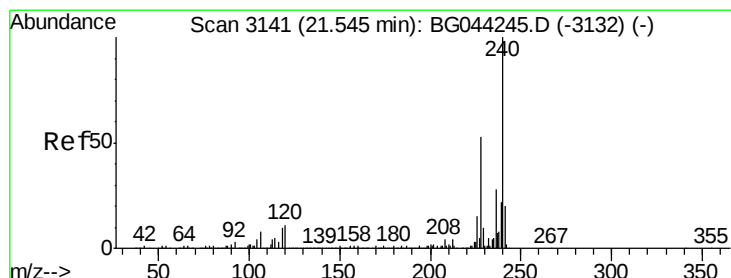
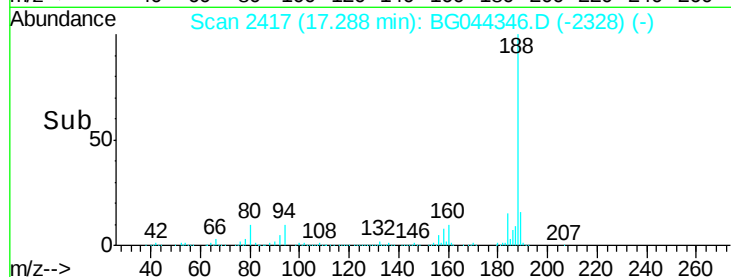
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG044346.D

Acq: 7 Feb 2020 20:54

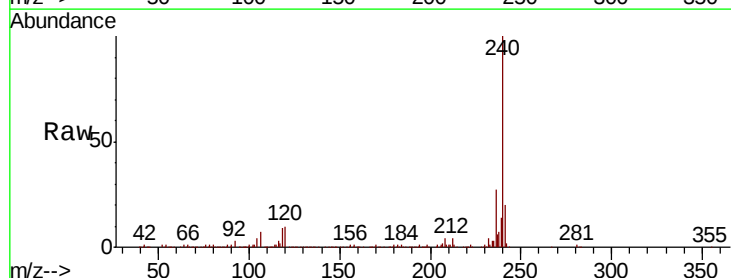
Tgt Ion:240 Resp: 450128

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

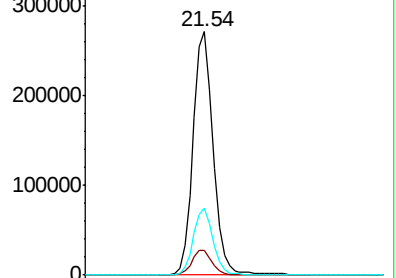
236 27.5 22.1 33.1



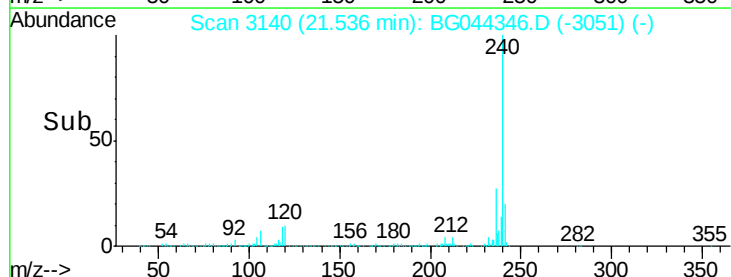
Abundance Ion 240.00 (239.70 to 240.70): E

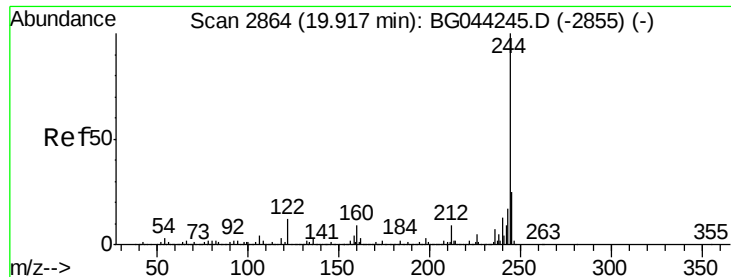
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#79

Terphenyl-d14

Concen: 58.769 ng

RT: 19.91 min Scan# 2863

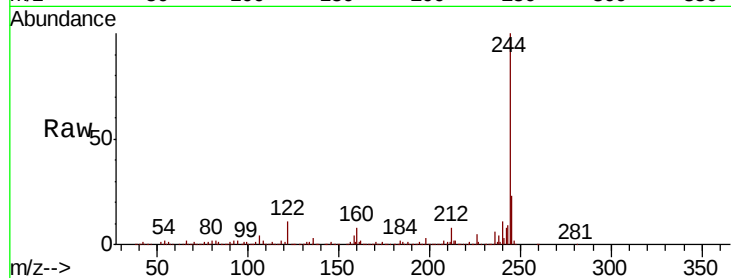
Delta R.T. -0.01 min

Lab File: BG044346.D

Acq: 7 Feb 2020 20:54

Tot Ion:244 Resp: 1286102

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.4	11.2
122	10.8	9.8	14.6

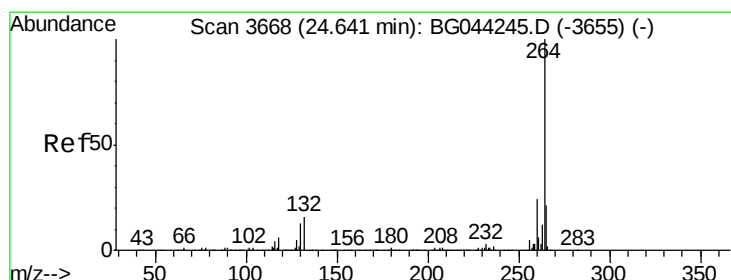
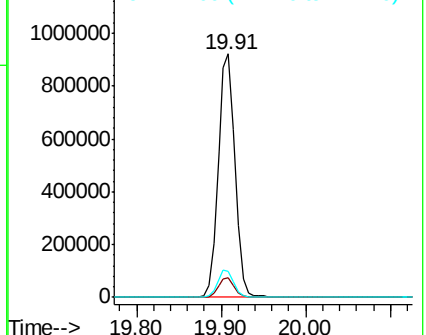
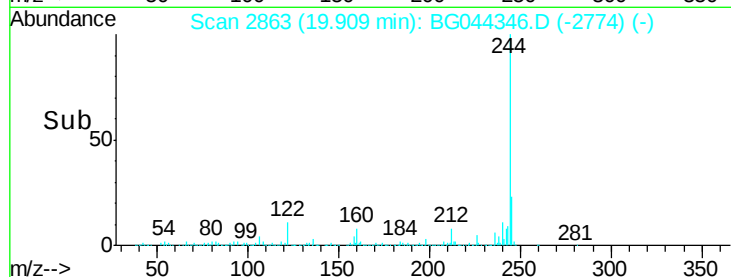


Abundance

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: 24.63 min Scan# 3666

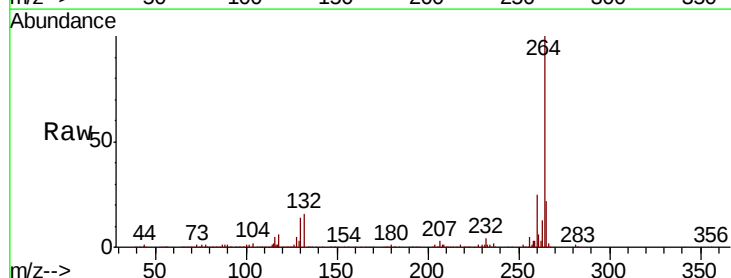
Delta R.T. -0.01 min

Lab File: BG044346.D

Acq: 7 Feb 2020 20:54

Tgt Ion:264 Resp: 473785

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	22.1	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

