

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044337.D
 Acq On : 7 Feb 2020 15:00
 Operator : CG/JU
 Sample : L1412-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

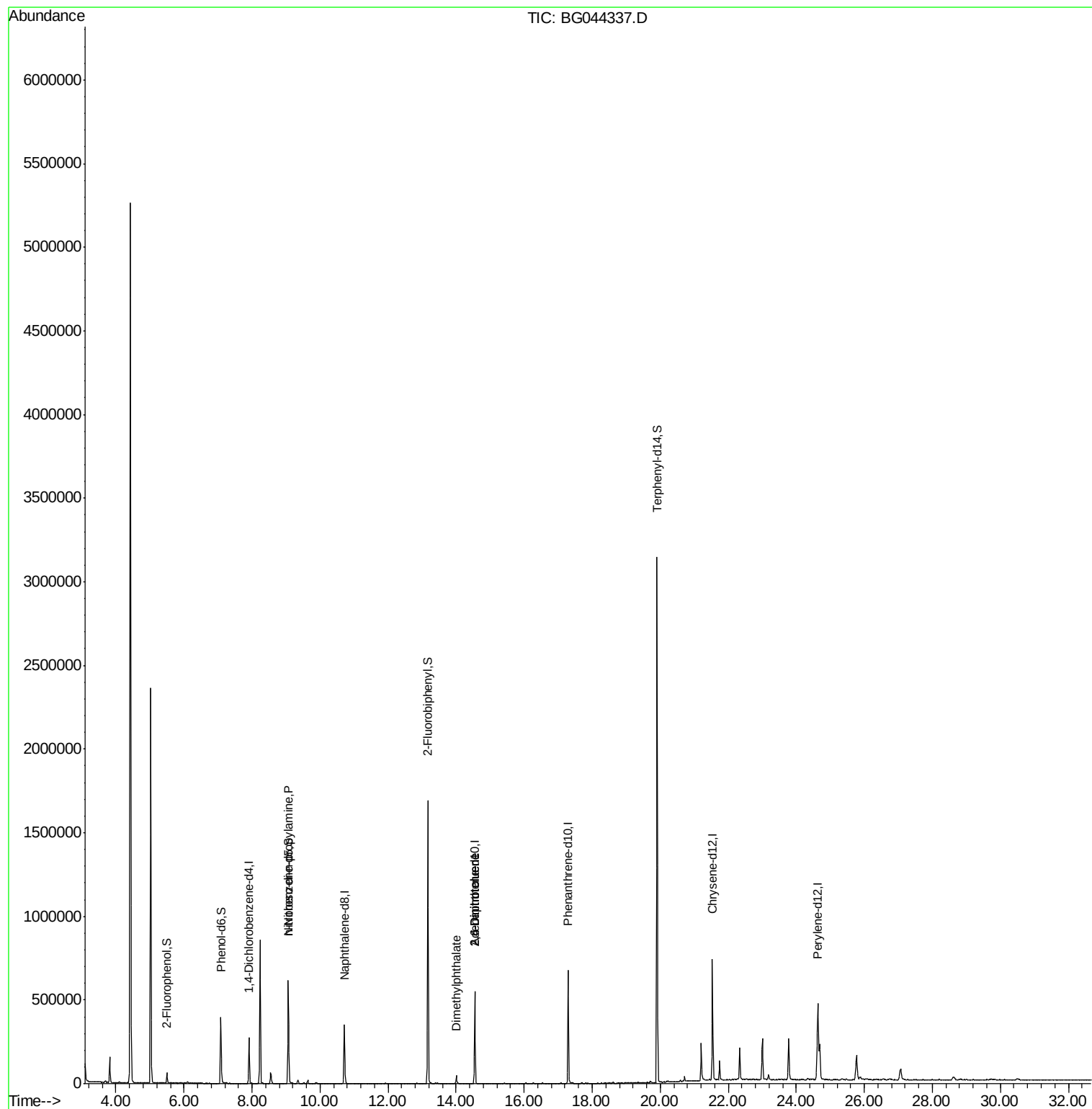
Quant Time: Feb 08 02:32:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

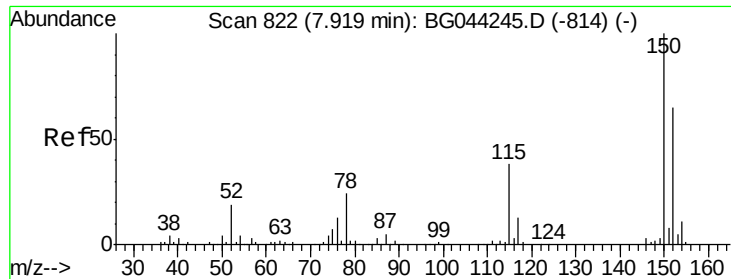
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	83333	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	328050	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	202655	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	456273	20.00	ng	0.00
76) Chrysene-d12	21.54	240	454036	20.00	ng	0.00
87) Perylene-d12	24.63	264	469548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	34329	7.27	ng	0.00
7) Phenol-d6	7.08	99	266784	42.07	ng	0.00
23) Nitrobenzene-d5	9.07	82	401979	69.18	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	1472	0.62	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	922475	76.22	ng	0.00
79) Terphenyl-d14	19.91	244	1506834	68.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.07	70	51003	12.069	ng	Qvalue # 76
50) Dimethylphthalate	14.00	163	43041	2.955	ng	98
51) 2,6-Dinitrotoluene	14.55	165	26686	8.216	ng	# 30
57) 2,4-Dinitrotoluene	14.55	165	26686	5.862	ng	# 27

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

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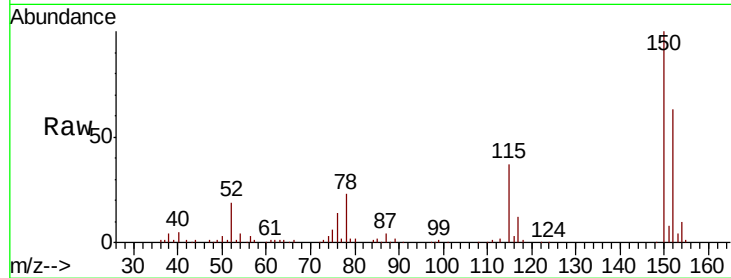




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044337.D
Acq: 7 Feb 2020 15:00

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	122.6	183.8
115	58.9	46.0	69.0

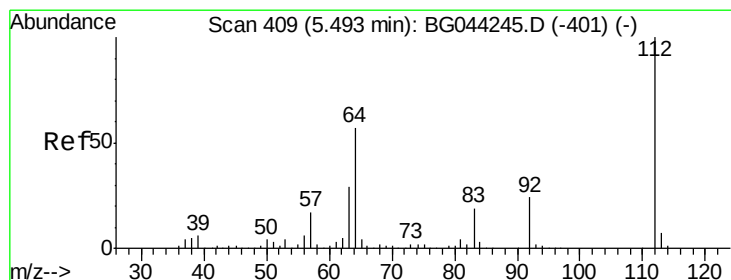
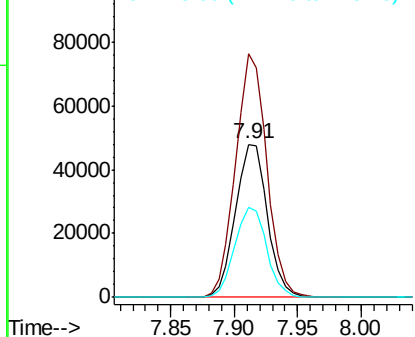
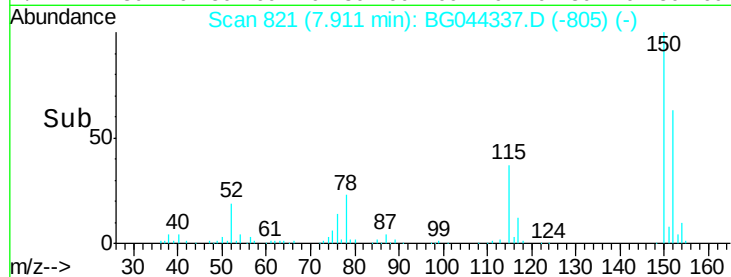


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

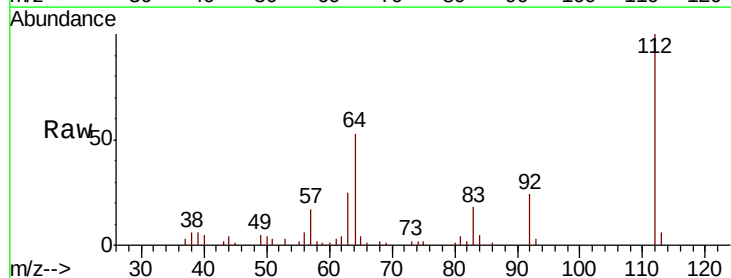
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 7.270 ng
RT: 5.50 min Scan# 410
Delta R.T. 0.00 min
Lab File: BG044337.D
Acq: 7 Feb 2020 15:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.1	45.4	68.2
63	25.1	22.9	34.3

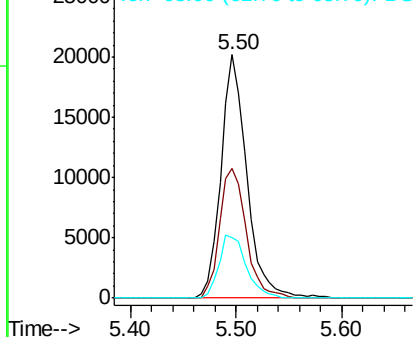
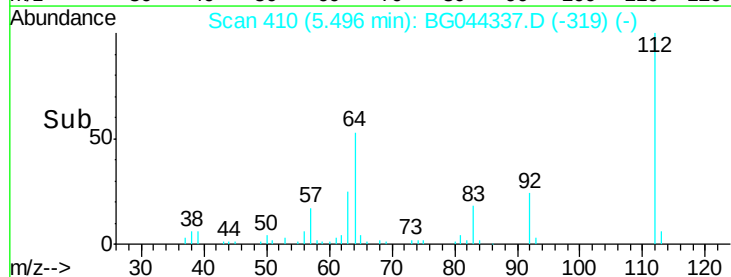


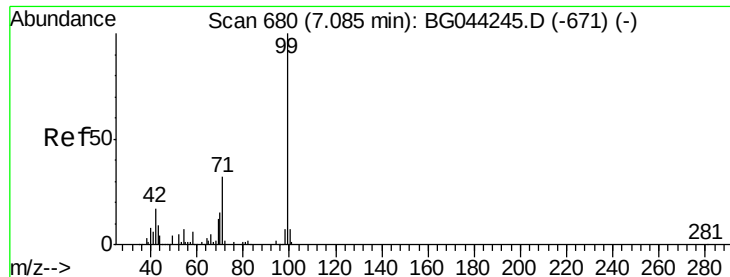
Abundance

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: 42.075 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044337.D

Acq: 7 Feb 2020 15:00

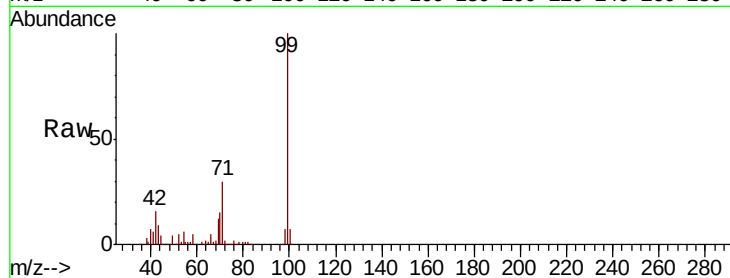
Tot Ion: 99 Resp: 266784

Ion Ratio Lower Upper

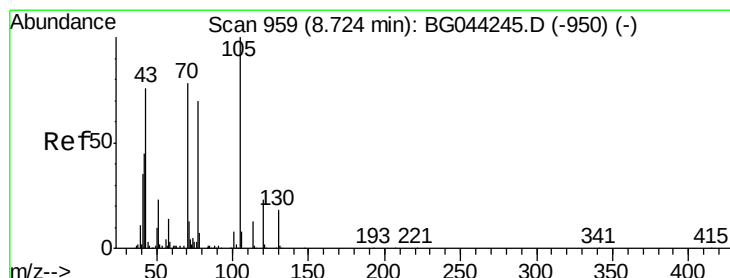
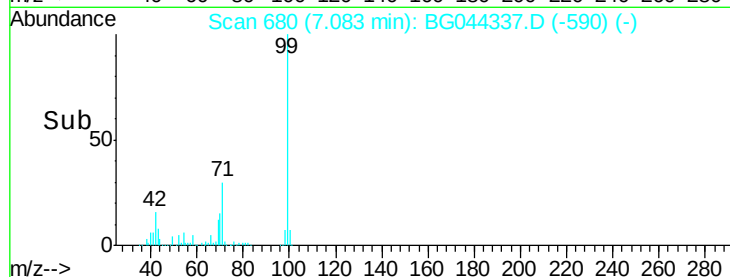
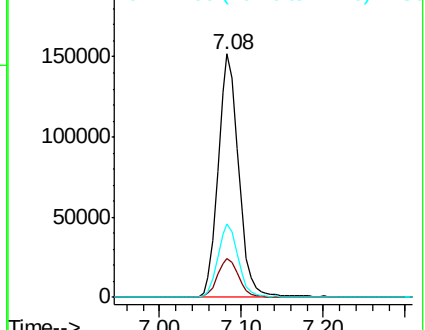
99 100

42 15.9 13.8 20.6

71 29.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.069 ng

RT: 9.07 min Scan# 1018

Delta R.T. 0.34 min

Lab File: BG044337.D

Acq: 7 Feb 2020 15:00

Tgt Ion: 70 Resp: 51003

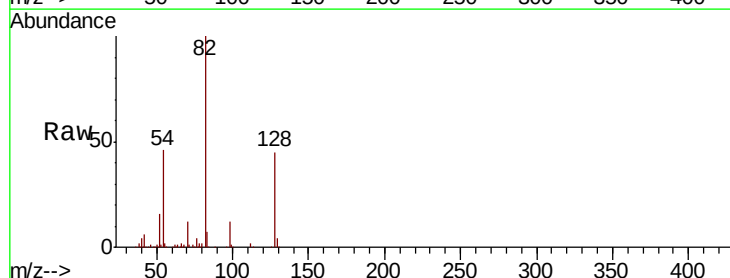
Ion Ratio Lower Upper

70 100

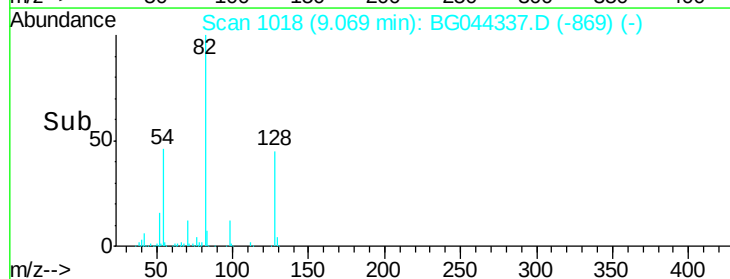
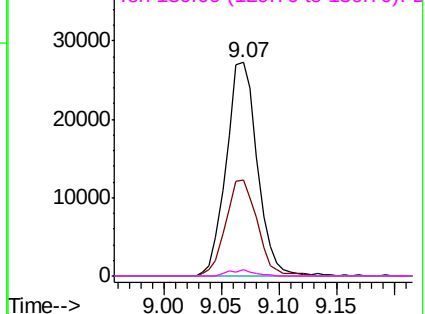
42 44.9 46.2 69.2#

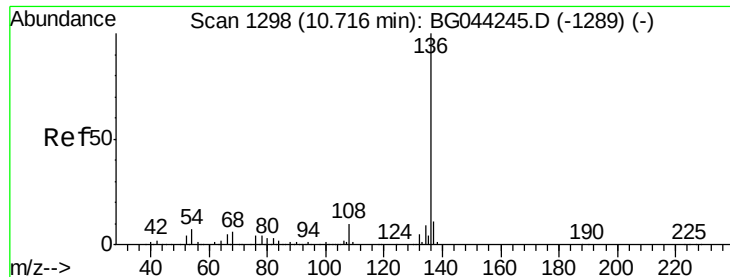
101 0.0 8.4 12.6#

130 2.8 17.8 26.8#



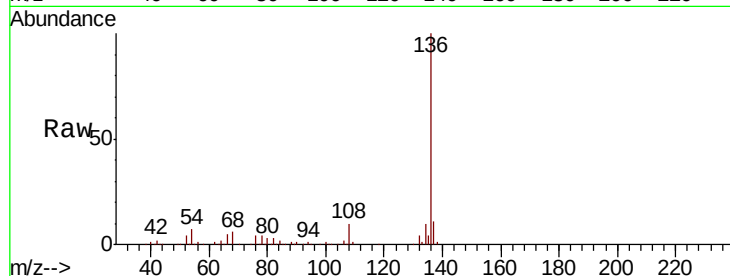
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



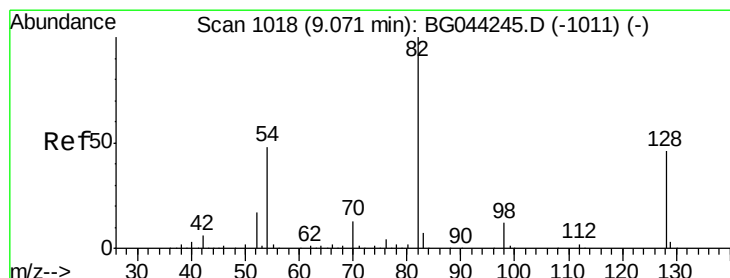
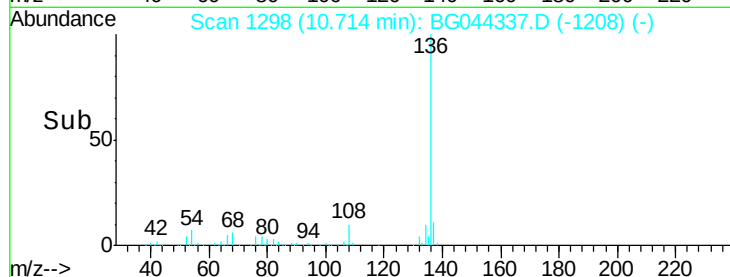
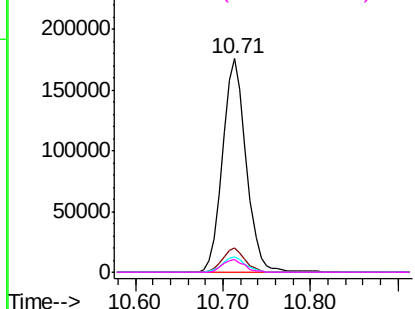


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044337.D
Acq: 7 Feb 2020 15:00

Tot Ion:136	Resp:	328050
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.8	13.2
54 7.0	5.8	8.8
68 6.1	4.6	6.8

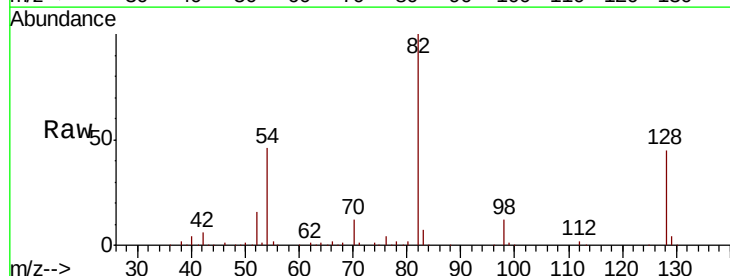


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

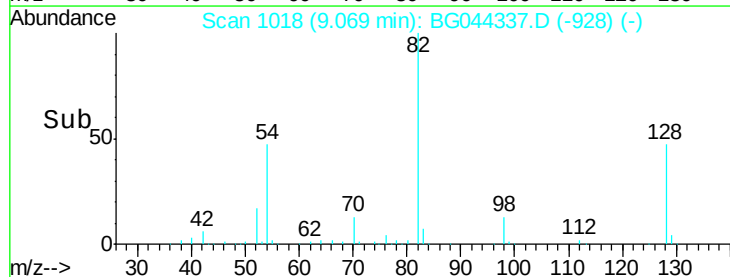
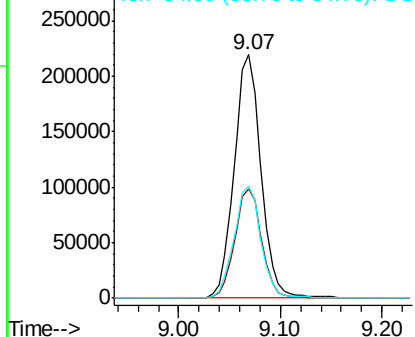


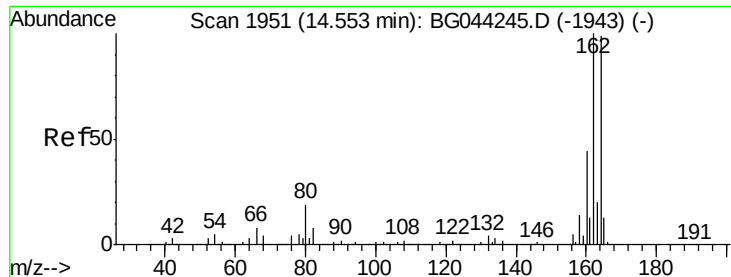
#23
Nitrobenzene-d5
Concen: 69.179 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044337.D
Acq: 7 Feb 2020 15:00

Tgt Ion: 82	Resp: 401979
Ion Ratio	Lower Upper
82 100	
128 44.7	36.5 54.7
54 46.1	38.6 58.0



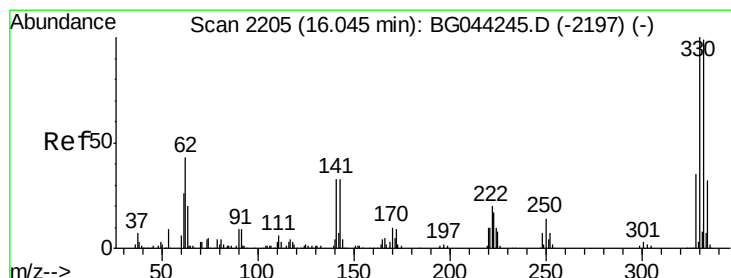
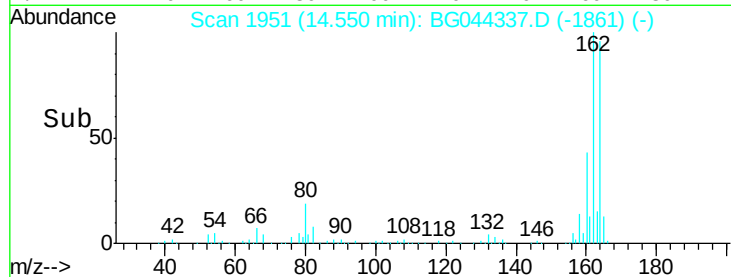
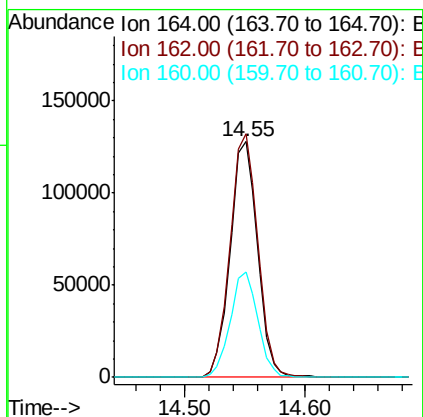
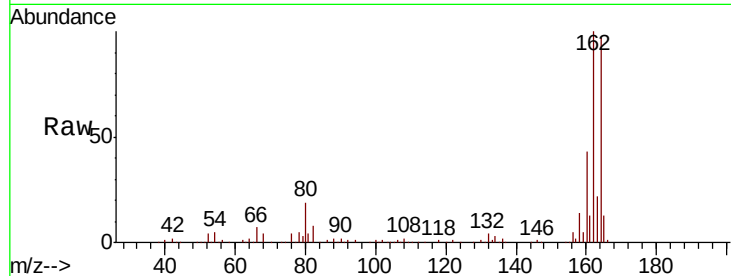
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





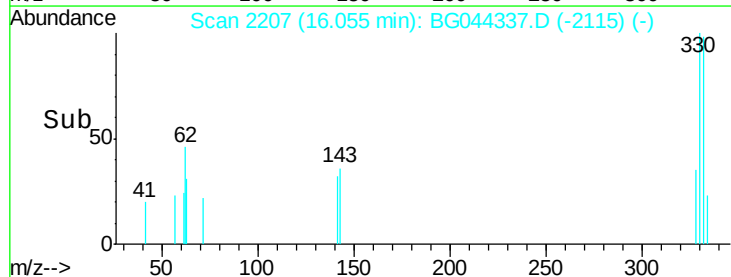
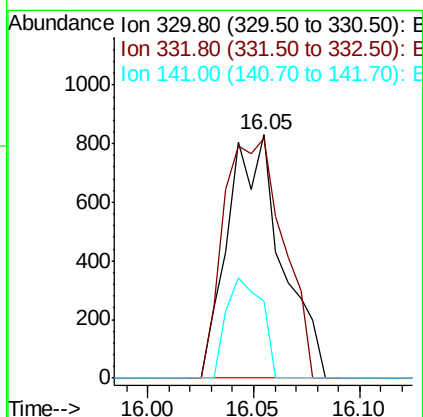
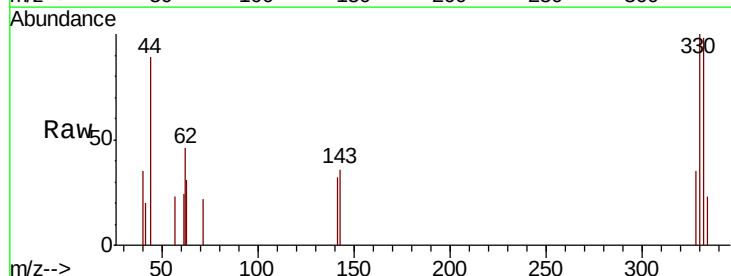
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044337.D
Acq: 7 Feb 2020 15:00

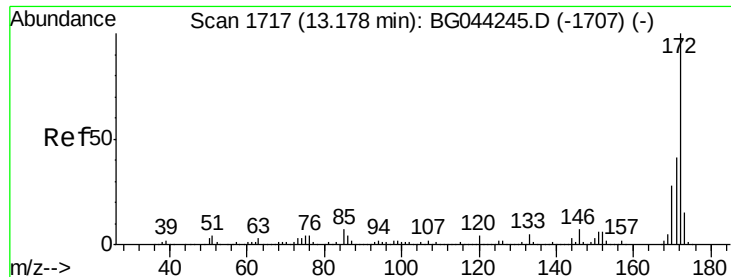
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.7	121.1
160	44.9	35.3	52.9



#42
2,4,6-Tribromophenol
Concen: 0.619 ng
RT: 16.05 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BG044337.D
Acq: 7 Feb 2020 15:00

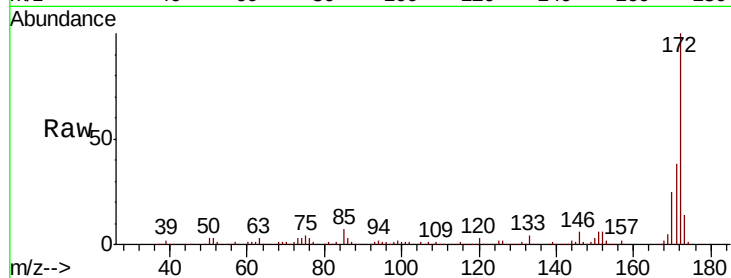
Tgt Ion	Ratio	Lower	Upper
330	100		
332	108.4	77.2	115.8
141	27.0	28.3	42.5#



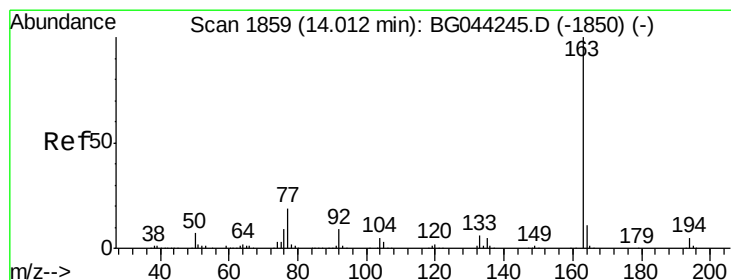
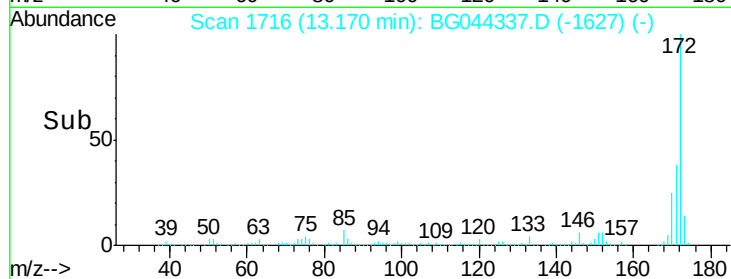
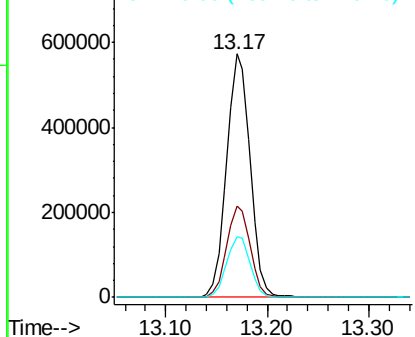


#45
 2-Fluorobiphenyl
 Concen: 76.225 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG044337.D
 Acq: 7 Feb 2020 15:00

Tot Ion:	172	Resp:	922475
Ion	Ratio	Lower	Upper
172	100		
171	37.6	32.9	49.3
170	25.0	22.0	33.0

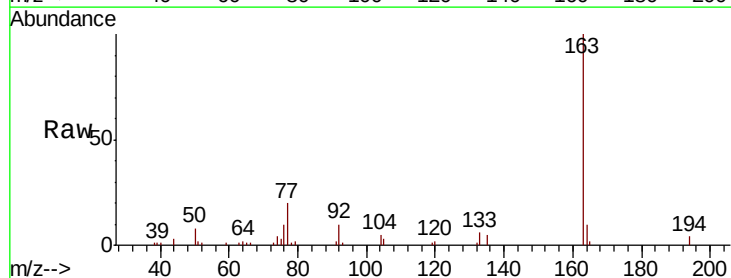


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

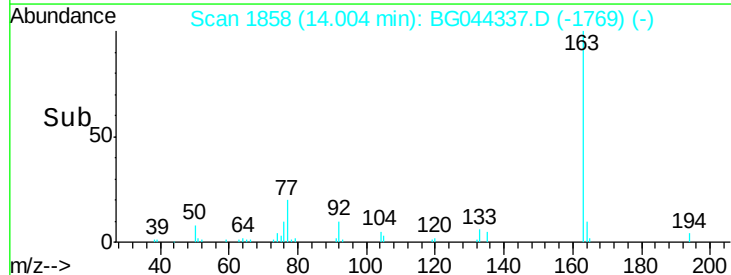
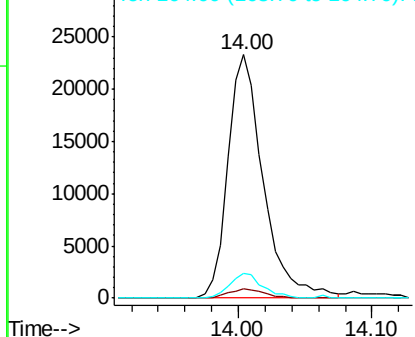


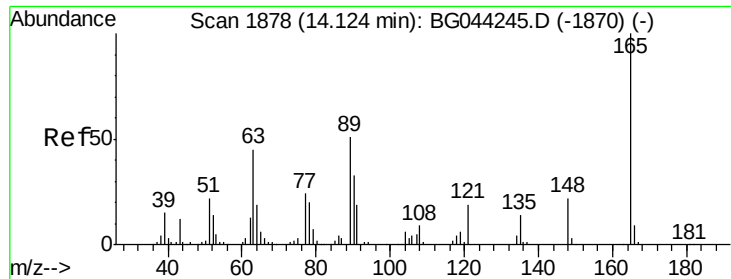
#50
 Dimethylphthalate
 Concen: 2.955 ng
 RT: 14.00 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: BG044337.D
 Acq: 7 Feb 2020 15:00

Tgt Ion:	163	Resp:	43041
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.6	5.4
164	10.2	8.7	13.1



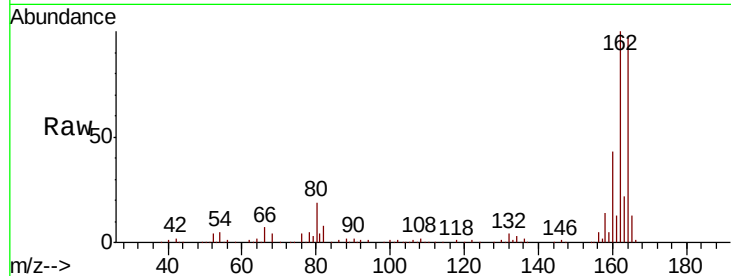
Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#51
 2,6-Dinitrotoluene
 Concen: 8.216 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. 0.43 min
 Lab File: BG044337.D
 Acq: 7 Feb 2020 15:00

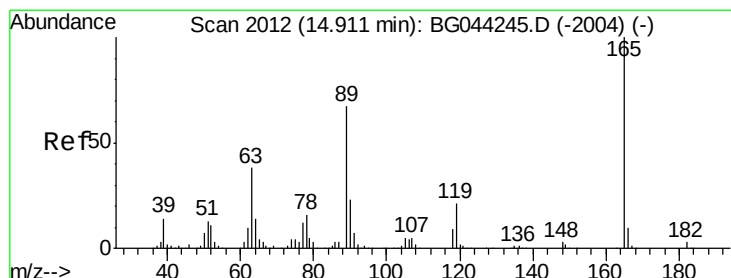
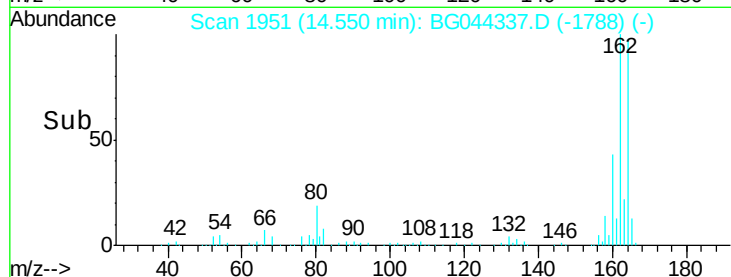
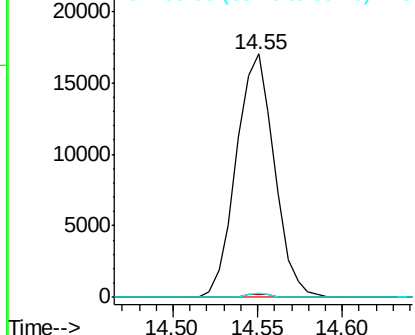
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	38.7	58.1#
89	1.6	40.4	60.6#



Abundance Ion 165.00 (164.70 to 165.70): E

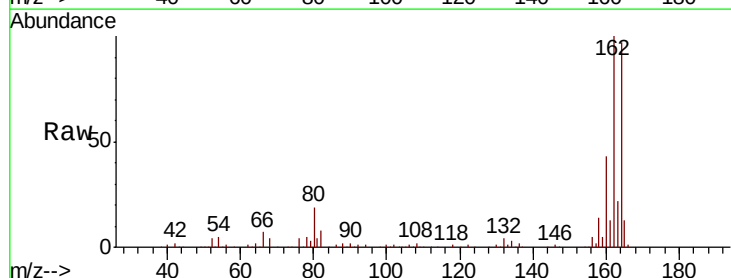
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#57
 2,4-Dinitrotoluene
 Concen: 5.862 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.36 min
 Lab File: BG044337.D
 Acq: 7 Feb 2020 15:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	30.3	45.5#
89	1.6	53.4	80.2#
182	0.0	2.1	3.1#

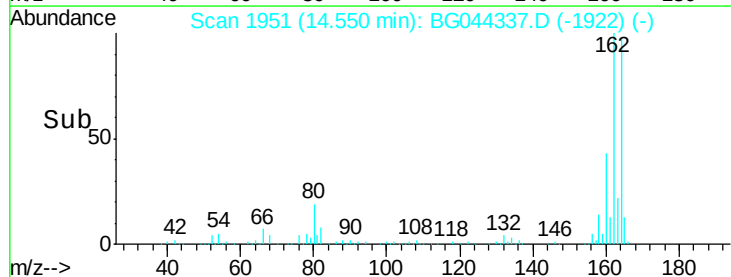
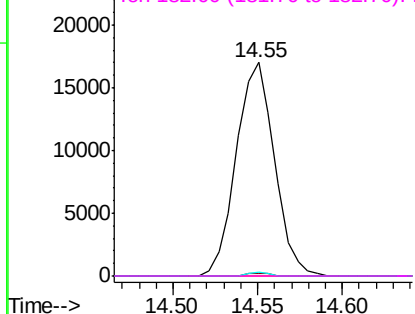


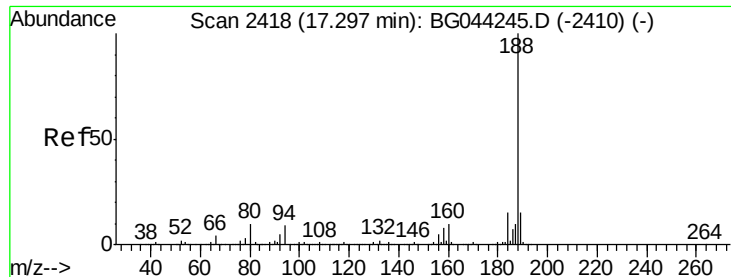
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.29 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BG044337.D

Acq: 7 Feb 2020 15:00

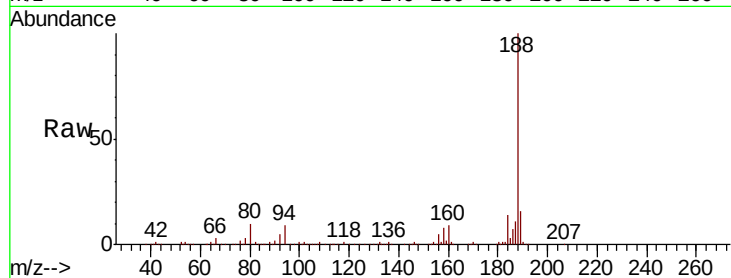
Tot Ion:188 Resp: 456273

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

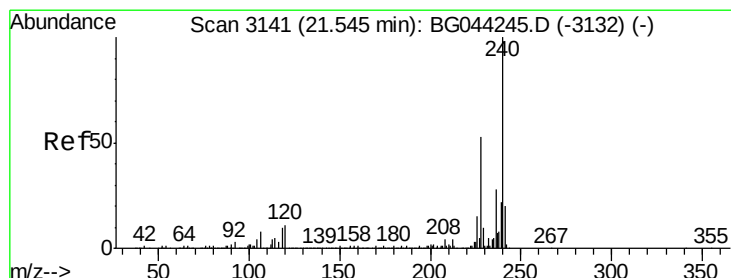
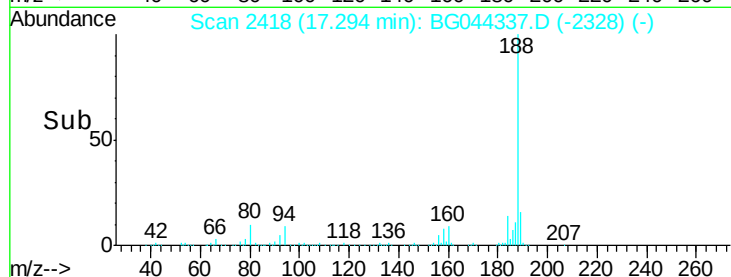
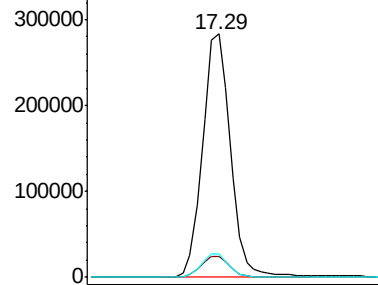
80 9.7 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG044337.D

Acq: 7 Feb 2020 15:00

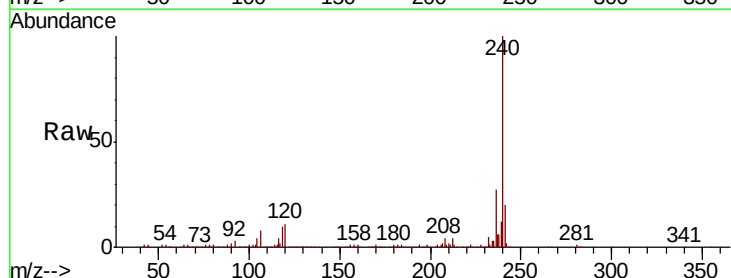
Tgt Ion:240 Resp: 454036

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

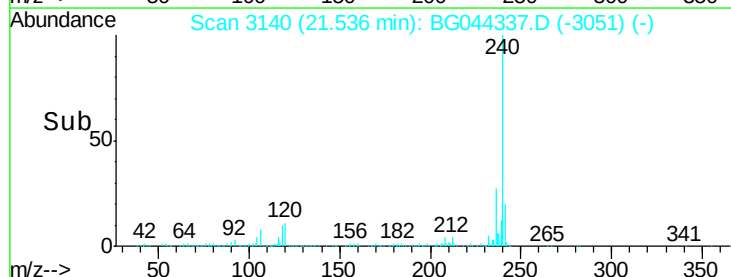
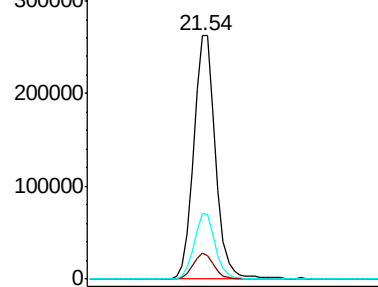
236 26.9 22.1 33.1

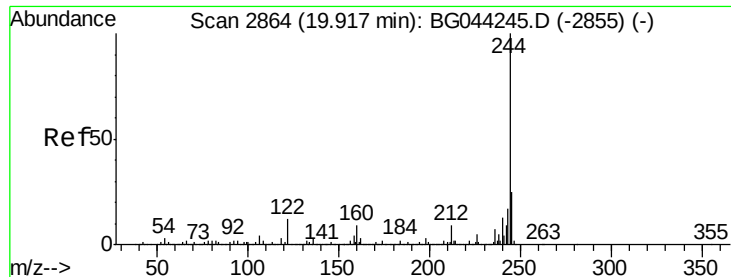


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.262 ng

RT: 19.91 min Scan# 2863

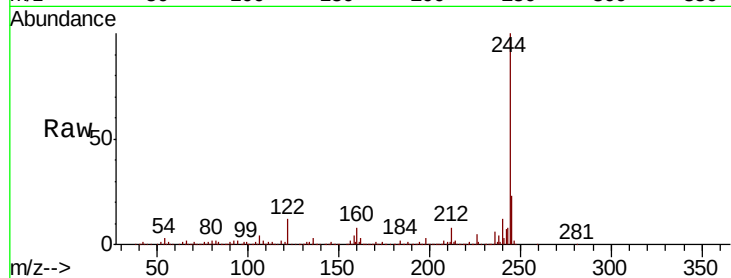
Delta R.T. -0.01 min

Lab File: BG044337.D

Acq: 7 Feb 2020 15:00

Tot Ion:244 Resp: 1506834

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.4	11.2
122	11.9	9.8	14.6

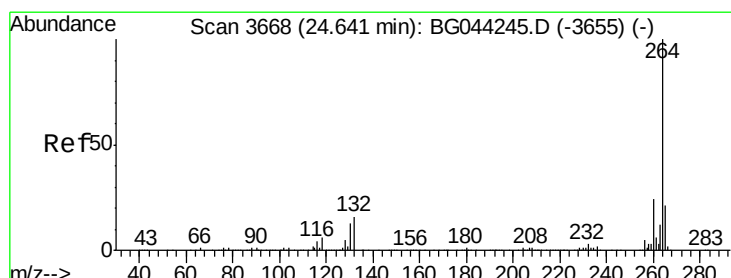
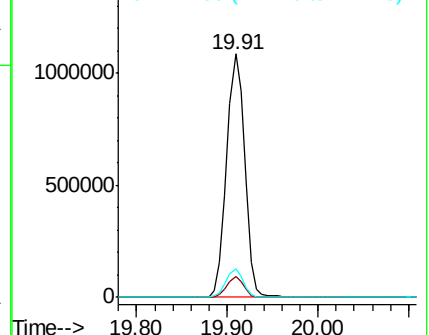
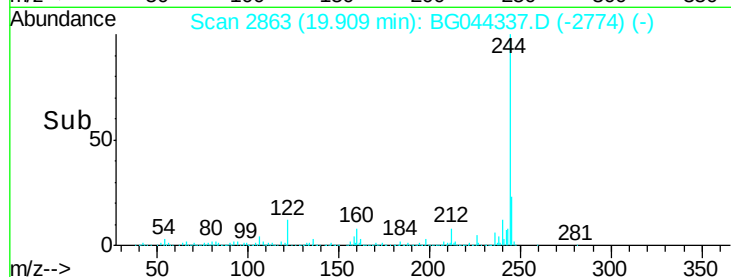


Abundance

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# 3667

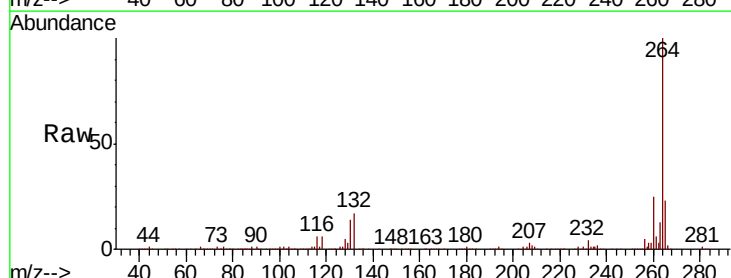
Delta R.T. -0.01 min

Lab File: BG044337.D

Acq: 7 Feb 2020 15:00

Tgt Ion:264 Resp: 469548

Ion	Ratio	Lower	Upper
264	100		
260	25.0	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

