

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044340.D
 Acq On : 7 Feb 2020 16:58
 Operator : CG/JU
 Sample : PB126671BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

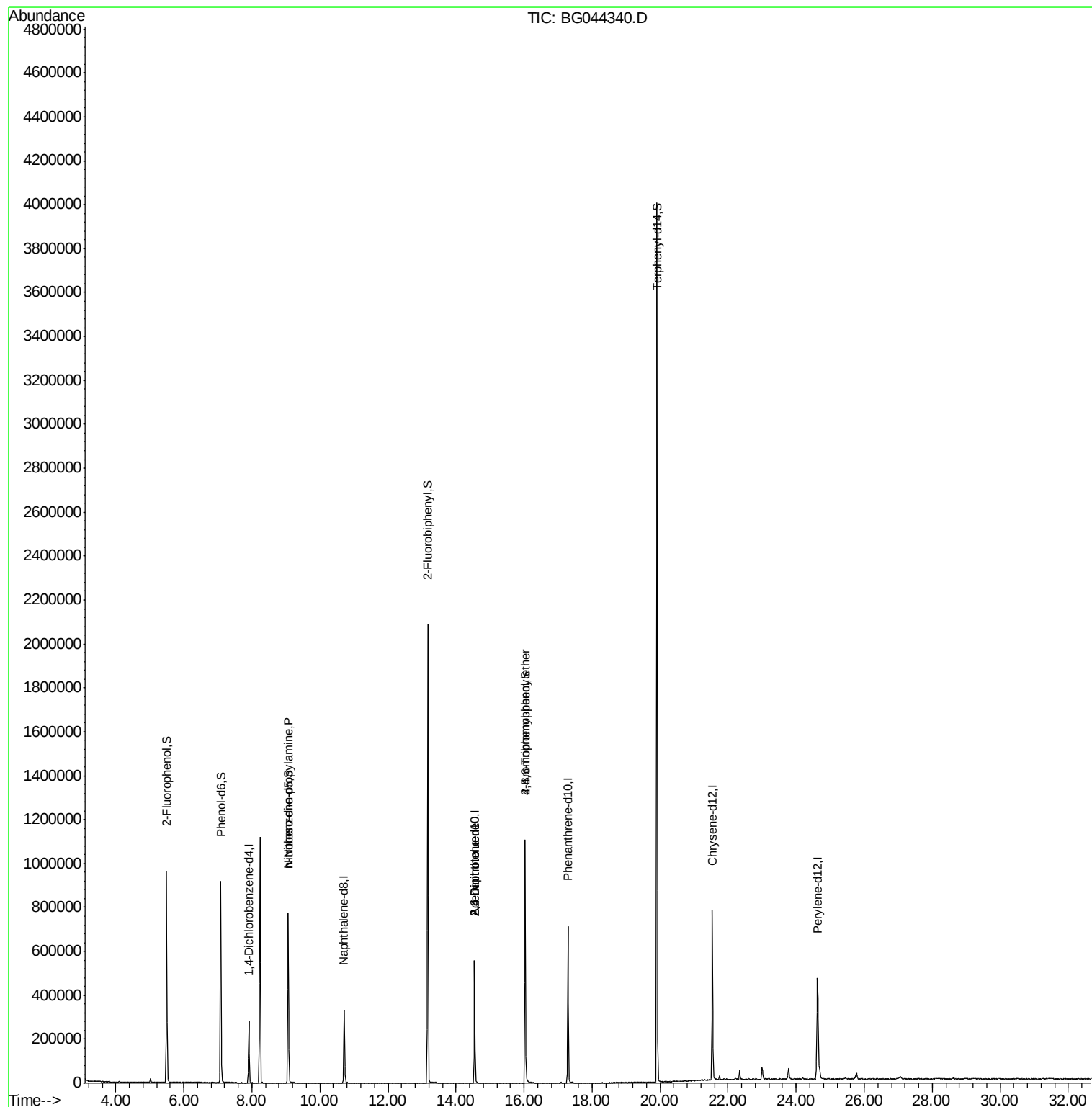
Quant Time: Feb 08 02:33:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

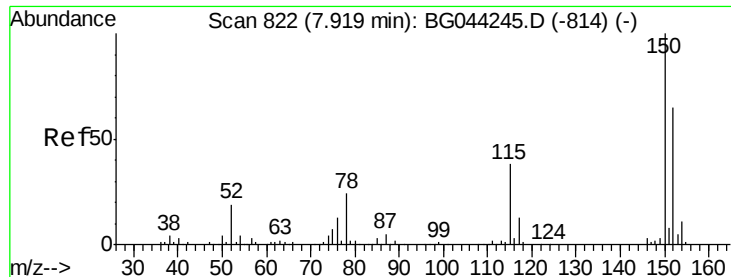
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	85406	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	331804	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	203342	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	465236	20.00	ng	0.00
76) Chrysene-d12	21.54	240	473588	20.00	ng	0.00
87) Perylene-d12	24.63	264	489182	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	479823	99.15	ng	0.00
7) Phenol-d6	7.09	99	596930	91.86	ng	0.00
23) Nitrobenzene-d5	9.07	82	512723	87.24	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	223135	93.47	ng	-0.01
45) 2-Fluorobiphenyl	13.17	172	1140852	93.95	ng	0.00
79) Terphenyl-d14	19.91	244	1891893	82.17	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.07	70	66330	15.315	ng	# 77
51) 2,6-Dinitrotoluene	14.55	165	26747	8.207	ng	# 30
57) 2,4-Dinitrotoluene	14.55	165	26747	5.856	ng	# 27
67) 4-Bromophenyl-phenylether	16.03	248	14641	2.889	ng	# 1

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

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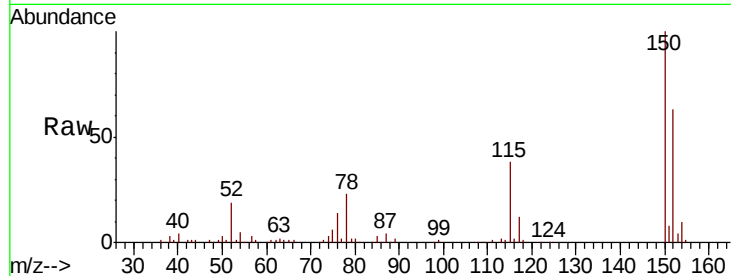




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044340.D
Acq: 7 Feb 2020 16:58

Tot Ion	152	150	115	Resp	85406	Lower	Upper
Ion Ratio	100	157.8	59.8				
		122.6	46.0				
		183.8	69.0				

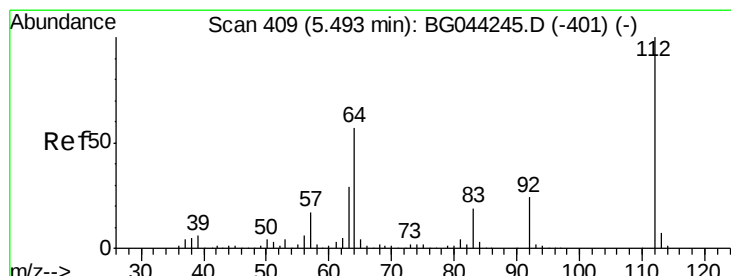
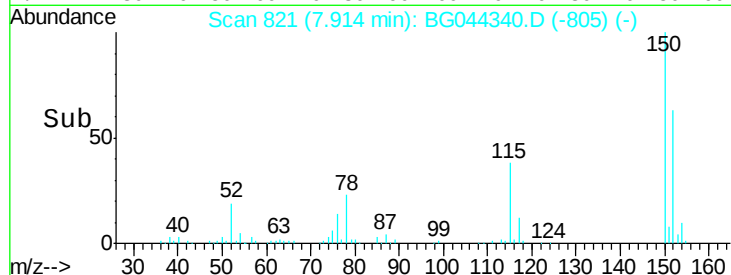
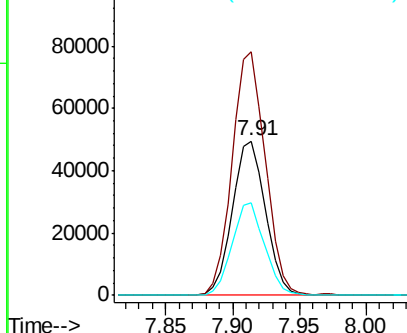


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

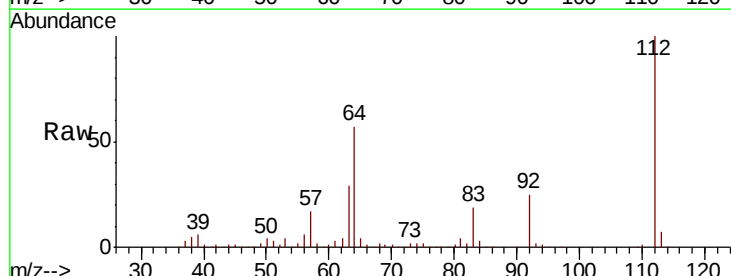
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 99.151 ng
RT: 5.49 min Scan# 409
Delta R.T. 0.00 min
Lab File: BG044340.D
Acq: 7 Feb 2020 16:58

Tgt Ion	112	64	63	Resp	479823	Lower	Upper
Ion Ratio	100	56.6	29.0				
		45.4	22.9				
		68.2	34.3				

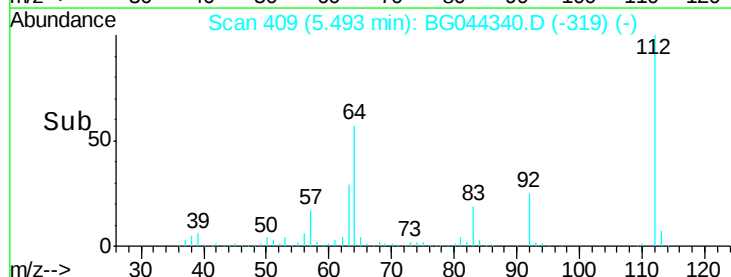
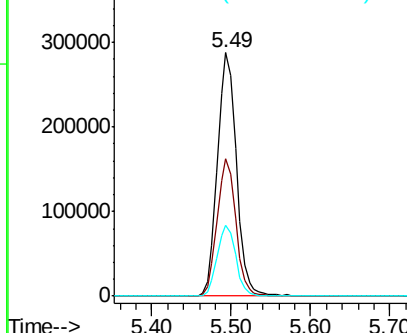


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 91.857 ng

RT: 7.09 min Scan# 680

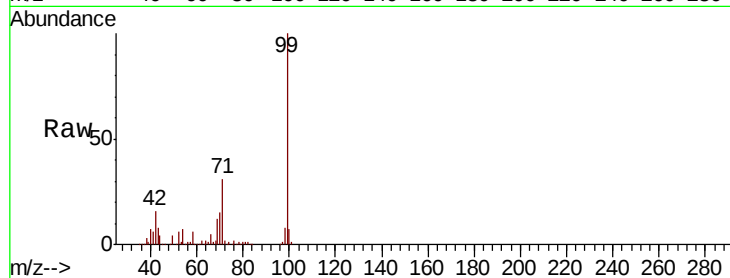
Delta R.T. 0.00 min

Lab File: BG044340.D

Acq: 7 Feb 2020 16:58

Tot Ion: 99 Resp: 596930

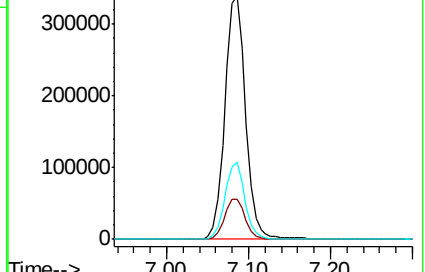
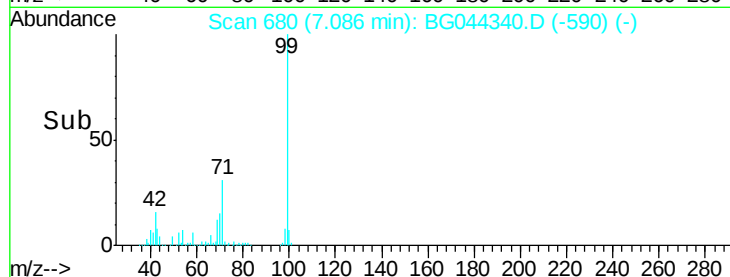
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.8	20.6
71	31.5	25.5	38.3



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: 15.315 ng

RT: 9.07 min Scan# 1017

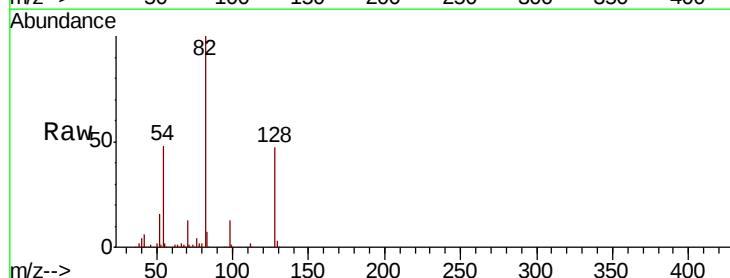
Delta R.T. 0.34 min

Lab File: BG044340.D

Acq: 7 Feb 2020 16:58

Tgt Ion: 70 Resp: 66330

Ion	Ratio	Lower	Upper
70	100		
42	46.9	46.2	69.2
101	0.0	8.4	12.6#
130	1.8	17.8	26.8#

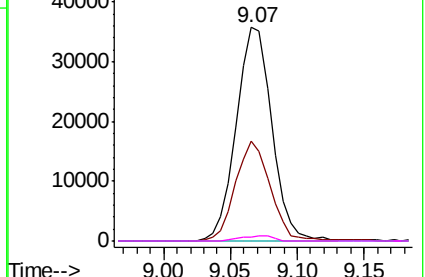
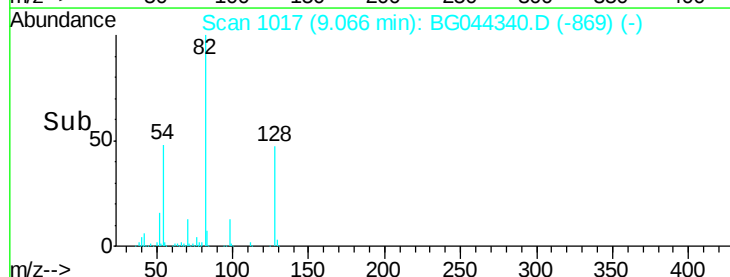


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

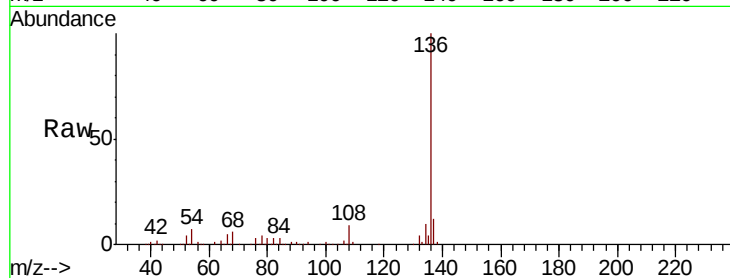
Ion 130.00 (129.70 to 130.70): BGC



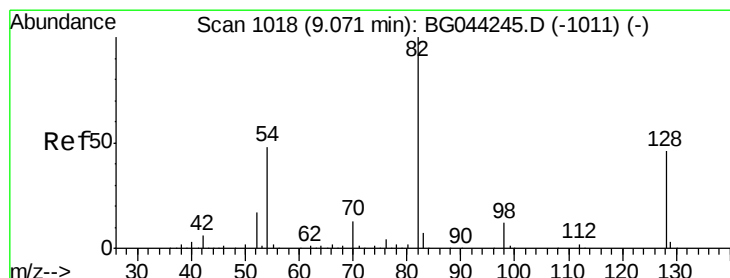
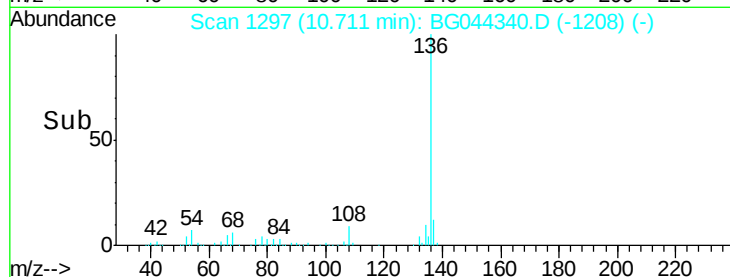
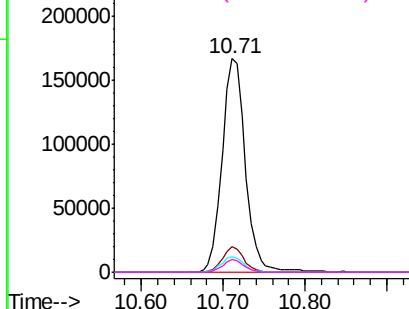


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG044340.D
Acq: 7 Feb 2020 16:58

Tot Ion:136	Resp:	331804	
Ion Ratio	Lower	Upper	
136 100			
137 12.3	8.8	13.2	
54 7.3	5.8	8.8	
68 6.0	4.6	6.8	

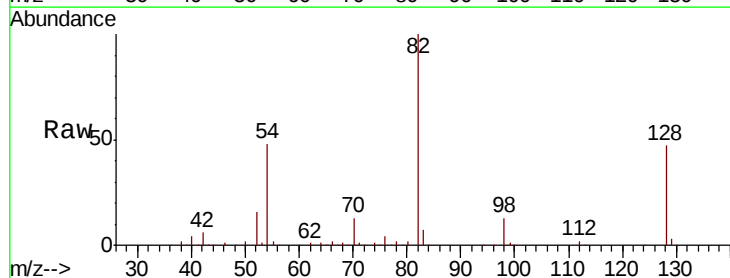


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

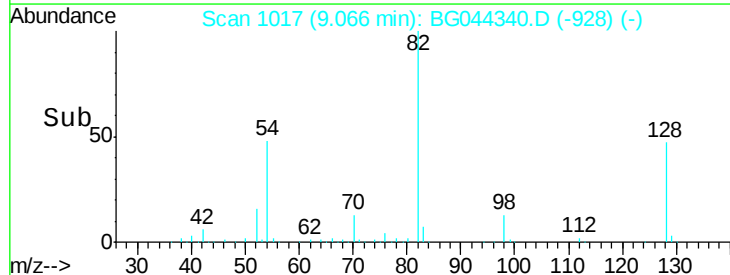
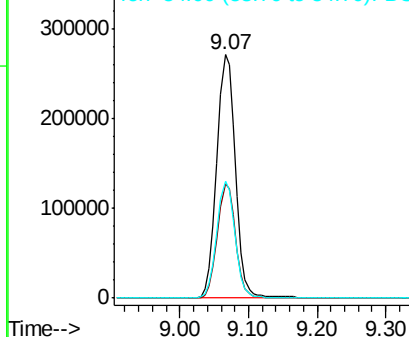


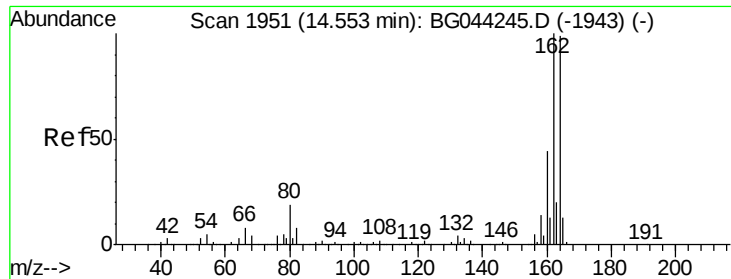
#23
Nitrobenzene-d5
Concen: 87.240 ng
RT: 9.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG044340.D
Acq: 7 Feb 2020 16:58

Tgt Ion: 82	Resp: 512723
Ion Ratio	Lower Upper
82 100	
128 46.7	36.5 54.7
54 48.1	38.6 58.0



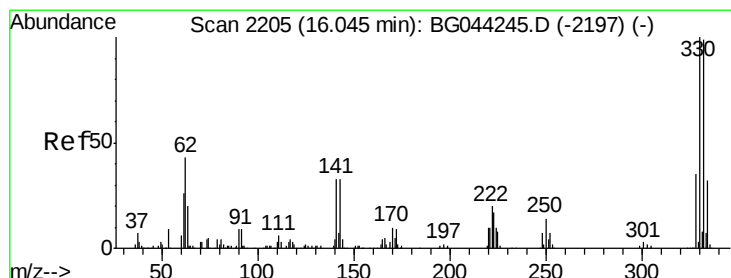
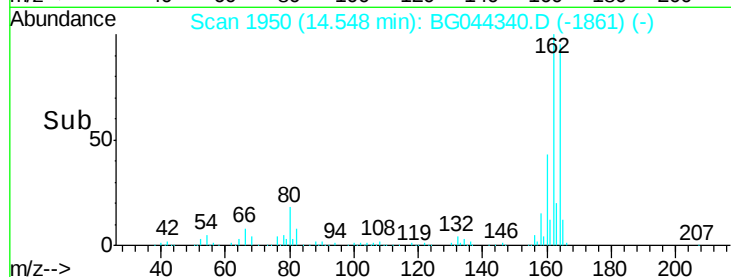
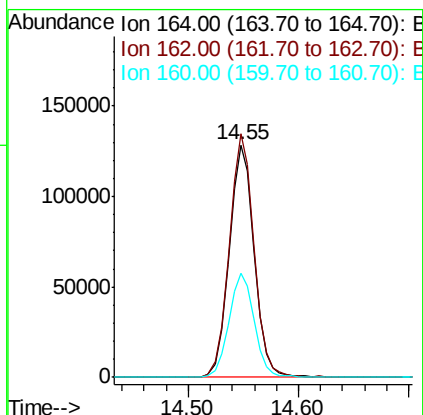
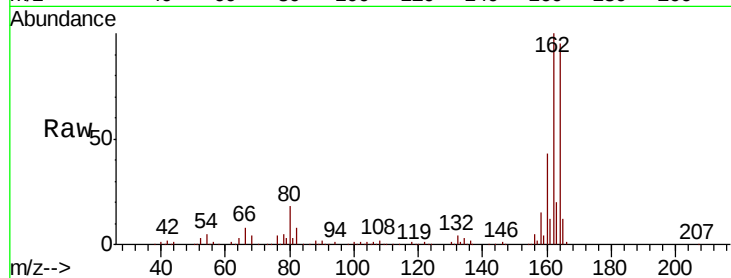
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





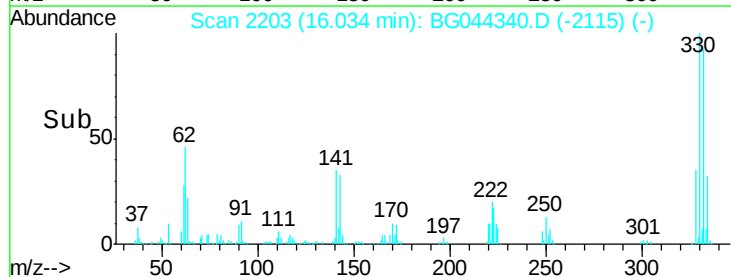
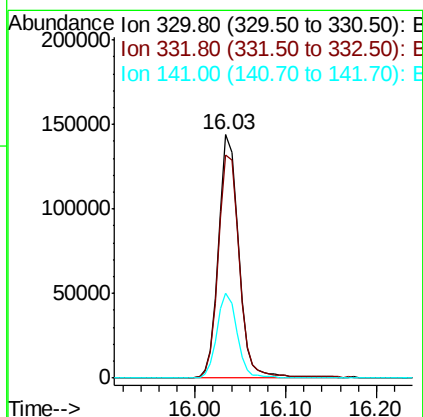
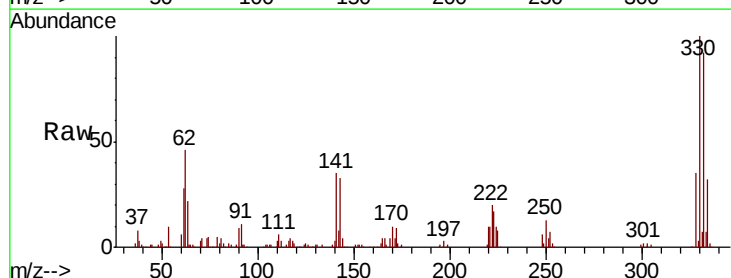
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG044340.D
Acq: 7 Feb 2020 16:58

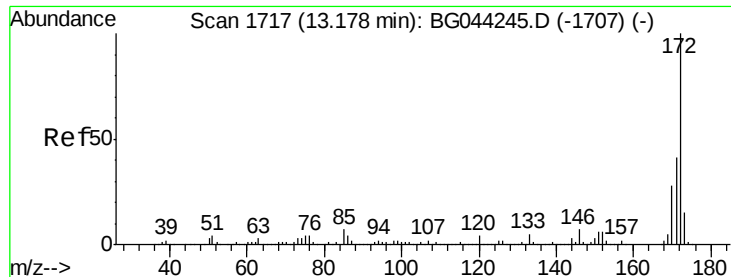
Tot Ion:164 Resp: 203342
Ion Ratio Lower Upper
164 100
162 104.8 80.7 121.1
160 44.9 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 93.475 ng
RT: 16.03 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG044340.D
Acq: 7 Feb 2020 16:58

Tgt Ion:330 Resp: 223135
Ion Ratio Lower Upper
330 100
332 95.4 77.2 115.8
141 35.0 28.3 42.5

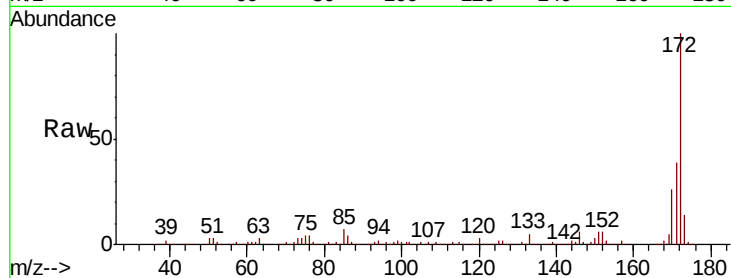




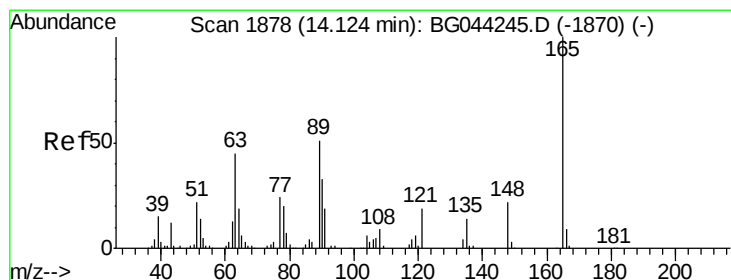
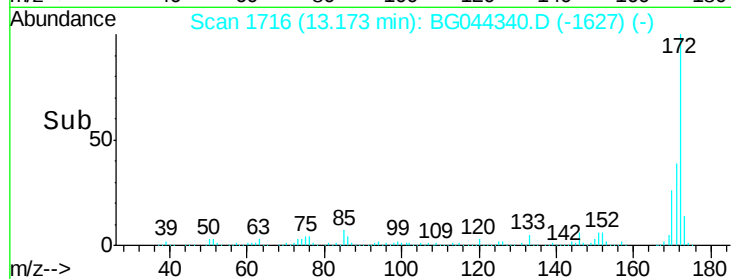
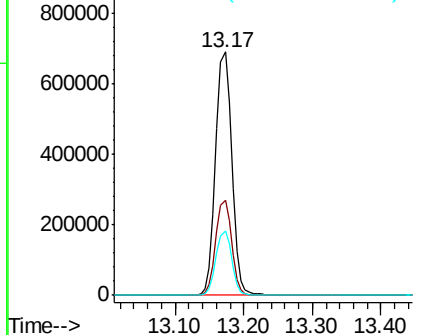
#45
 2-Fluorobiphenyl
 Concen: 93.951 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG044340.D
 Acq: 7 Feb 2020 16:58

Tot Ion:172 Resp: 1140852

Ion	Ratio	Lower	Upper
172	100		
171	39.0	32.9	49.3
170	26.5	22.0	33.0



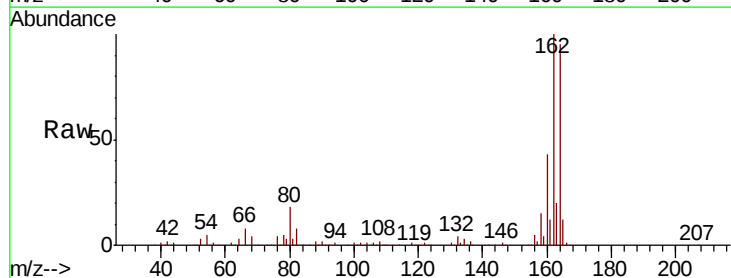
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



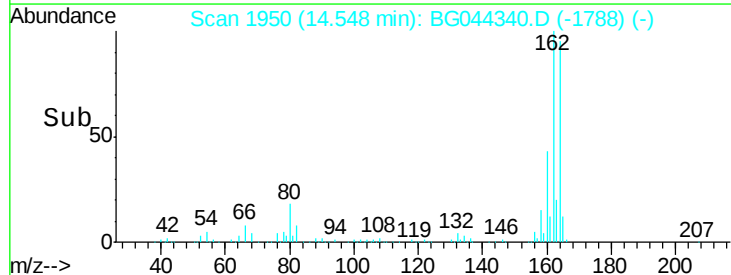
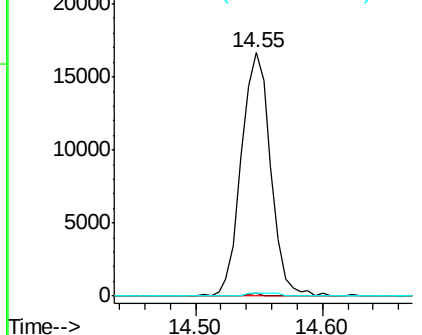
#51
 2,6-Dinitrotoluene
 Concen: 8.207 ng
 RT: 14.55 min Scan# 1950
 Delta R.T. 0.42 min
 Lab File: BG044340.D
 Acq: 7 Feb 2020 16:58

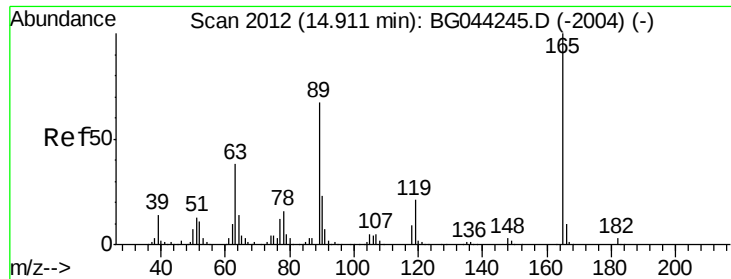
Tgt Ion:165 Resp: 26747

Ion	Ratio	Lower	Upper
165	100		
63	1.2	38.7	58.1#
89	1.1	40.4	60.6#



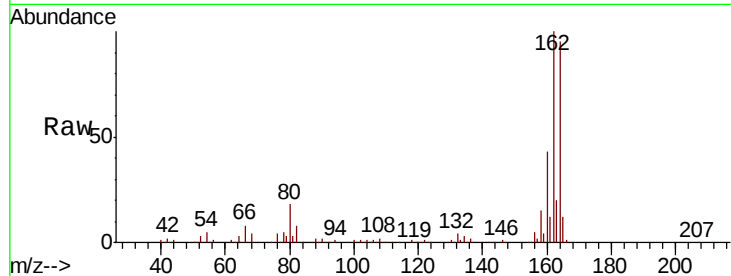
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG0
 Ion 89.00 (88.70 to 89.70): BG0





#57
 2,4-Dinitrotoluene
 Concen: 5.856 ng
 RT: 14.55 min Scan# 1950
 Delta R.T. -0.36 min
 Lab File: BG044340.D
 Acq: 7 Feb 2020 16:58

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	30.3	45.5#
89	1.1	53.4	80.2#
182	0.0	2.1	3.1#



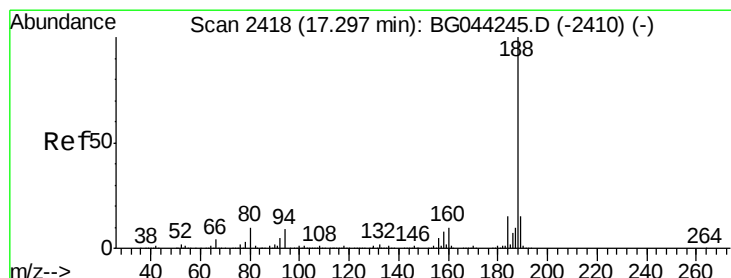
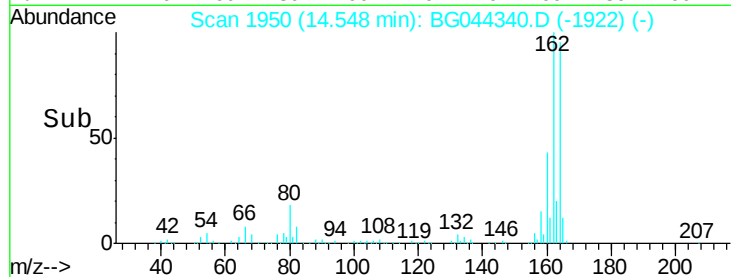
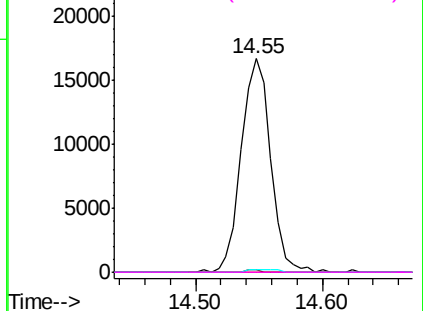
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

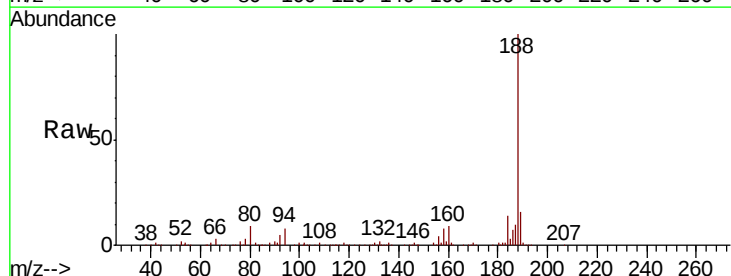
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.29 min Scan# 2417
 Delta R.T. -0.01 min
 Lab File: BG044340.D
 Acq: 7 Feb 2020 16:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.4	11.2
80	9.4	7.7	11.5

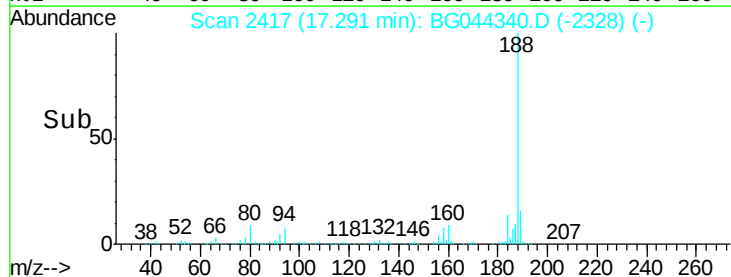
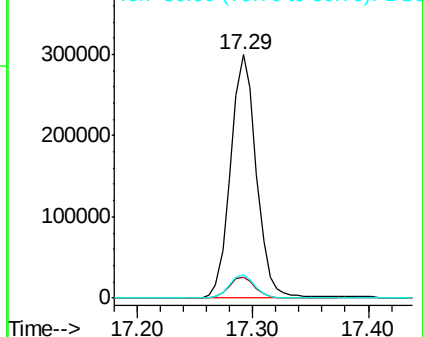


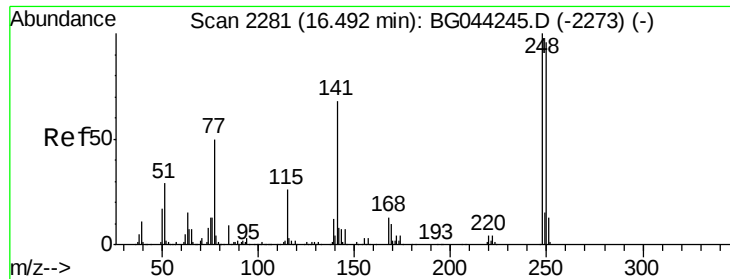
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

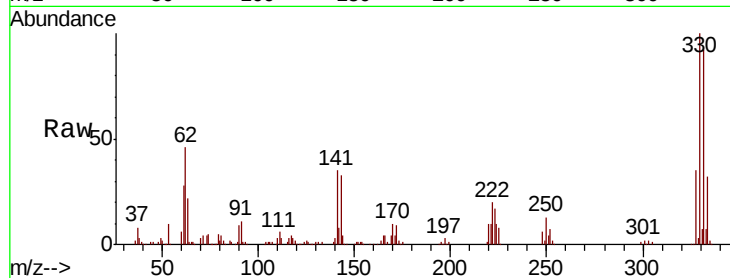
Ion 80.00 (79.70 to 80.70): BGC



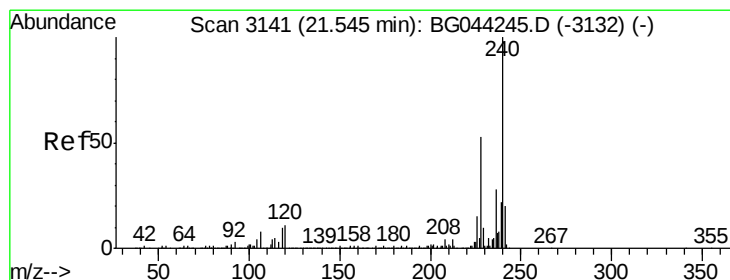
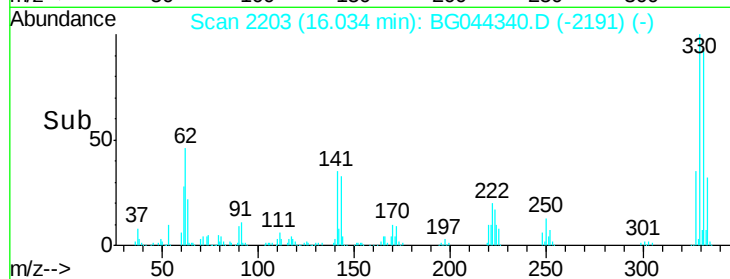
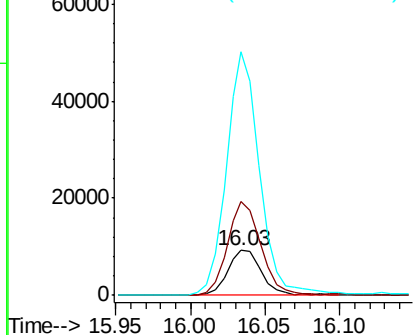


#67
4-Bromophenyl-phenylether
Concen: 2.889 ng
RT: 16.03 min Scan# 2203
Delta R.T. -0.46 min
Lab File: BG044340.D
Acq: 7 Feb 2020 16:58

Tot Ion:248 Resp: 14641
Ion Ratio Lower Upper
248 100
250 210.4 76.6 114.8#
141 545.9 54.7 82.1#

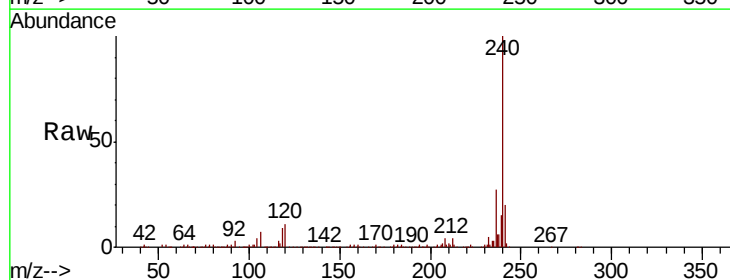


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

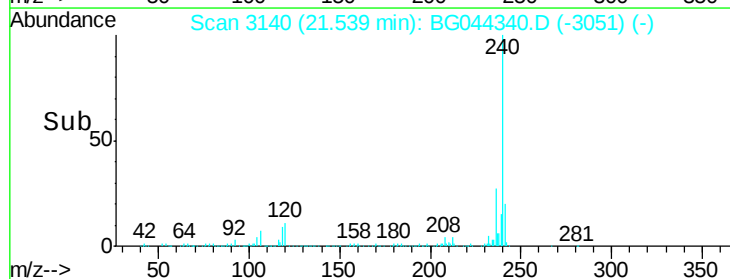
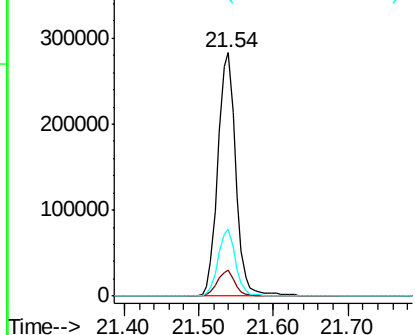


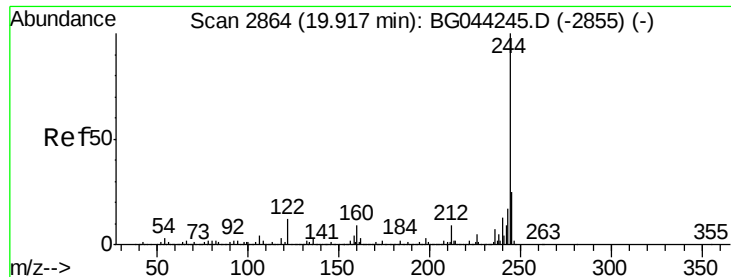
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG044340.D
Acq: 7 Feb 2020 16:58

Tgt Ion:240 Resp: 473588
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 27.4 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: 82.168 ng

RT: 19.91 min Scan# 2863

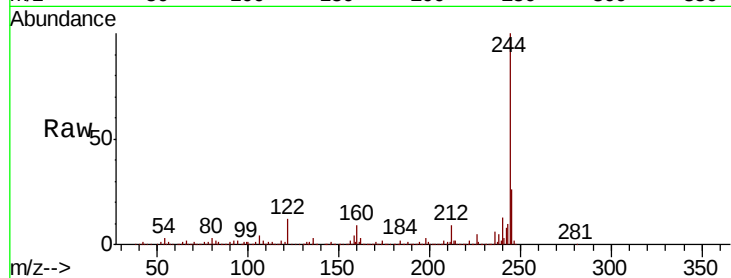
Delta R.T. -0.01 min

Lab File: BG044340.D

Acq: 7 Feb 2020 16:58

Tot Ion:244 Resp: 1891893

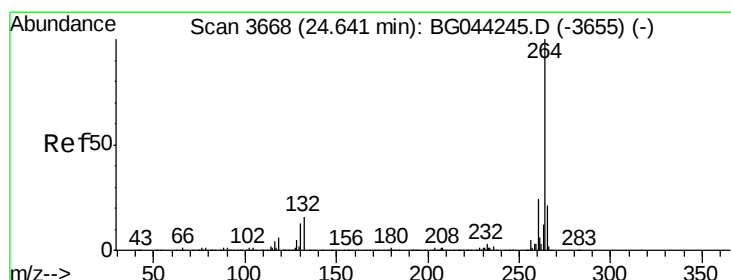
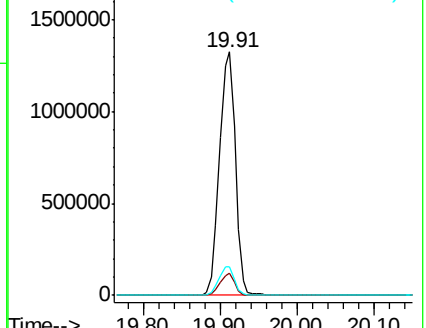
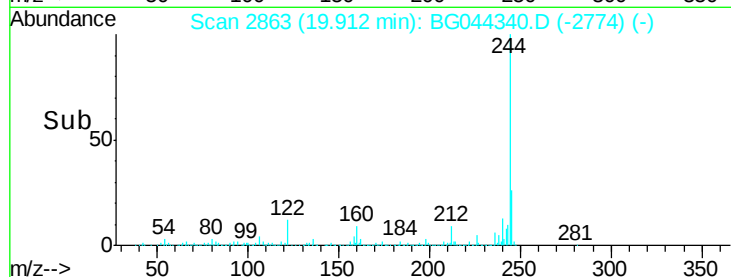
Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.4	11.2
122	12.0	9.8	14.6



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

Perylene-d12

Concen: 20.000 ng

RT: 24.63 min Scan# 3666

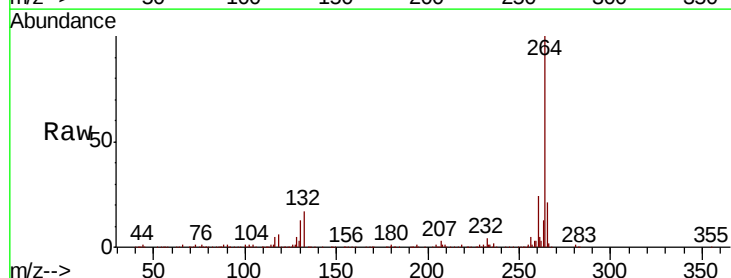
Delta R.T. -0.01 min

Lab File: BG044340.D

Acq: 7 Feb 2020 16:58

Tgt Ion:264 Resp: 489182

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.4	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

