

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044336.D
 Acq On : 7 Feb 2020 14:20
 Operator : CG/JU
 Sample : L1431-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

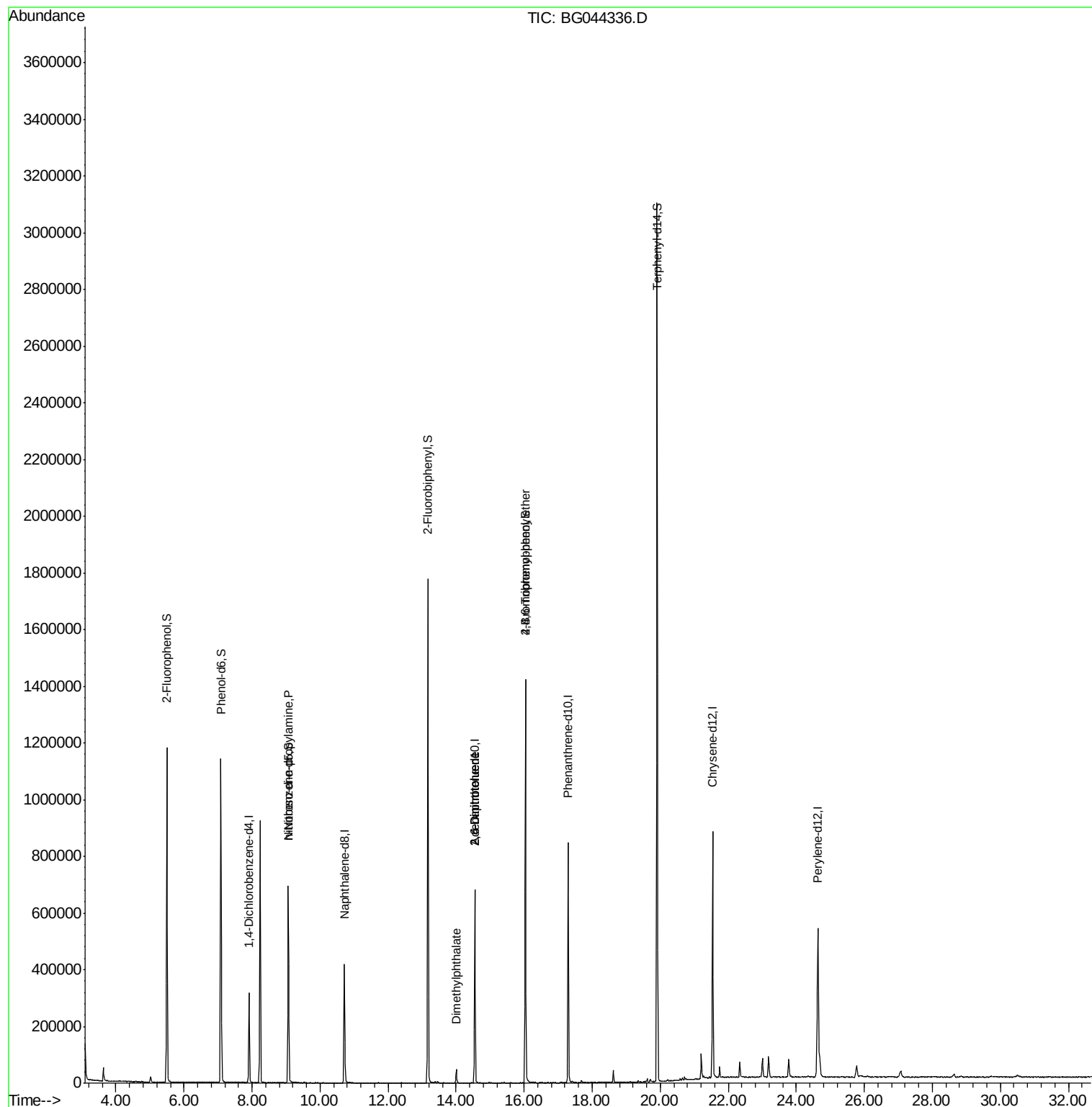
Quant Time: Feb 08 02:31:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

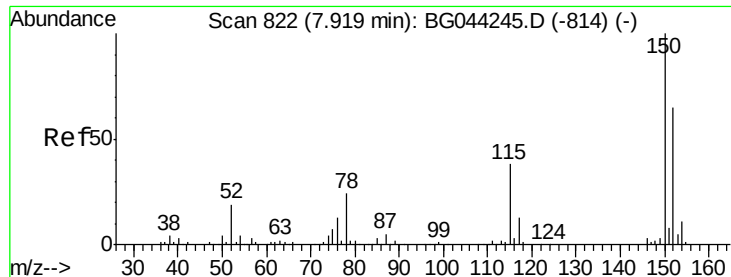
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	97810	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	395958	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	248930	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	545686	20.00	ng	0.00
76) Chrysene-d12	21.54	240	502997	20.00	ng	0.00
87) Perylene-d12	24.63	264	555102	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	584497	105.46	ng	0.00
7) Phenol-d6	7.09	99	746210	100.27	ng	0.00
23) Nitrobenzene-d5	9.07	82	449397	64.08	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	275463	94.26	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	969701	65.23	ng	0.00
79) Terphenyl-d14	19.91	244	1494569	61.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.07	70	57614	11.616	ng	# 73
50) Dimethylphthalate	14.00	163	41291	2.308	ng	# 98
51) 2,6-Dinitrotoluene	14.55	165	32152	8.059	ng	# 30
57) 2,4-Dinitrotoluene	14.55	165	32152	5.750	ng	# 28
67) 4-Bromophenyl-phenylether	16.04	248	18730	3.150	ng	# 1

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

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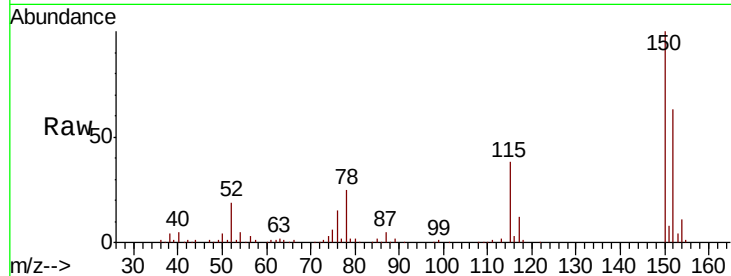




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044336.D
Acq: 7 Feb 2020 14:20

Tot Ion	152	Ratio	100	Resp	97810
Ion	152	100		Lower	Upper
	150	159.8	122.6	183.8	
	115	61.1	46.0	69.0	

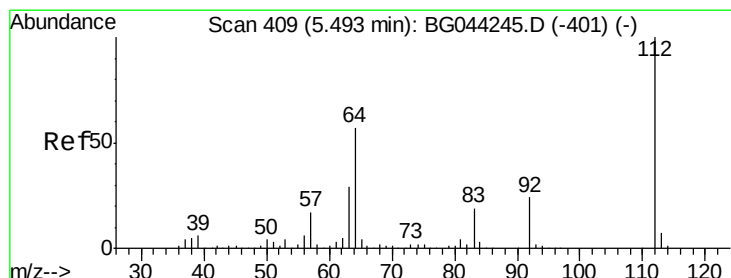
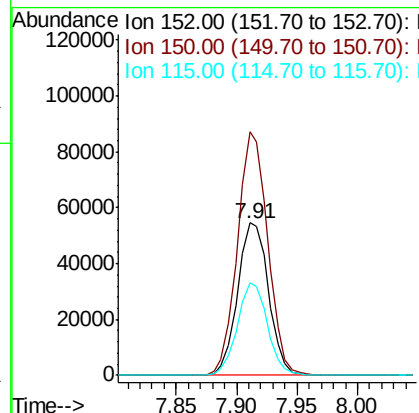
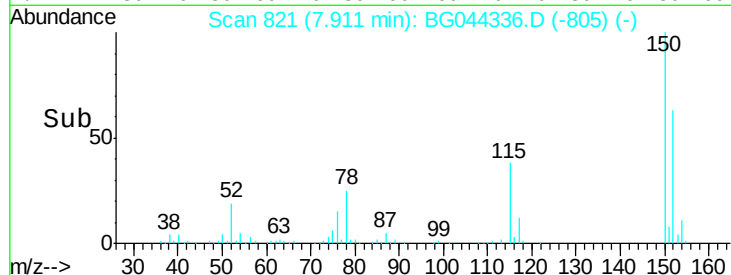


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

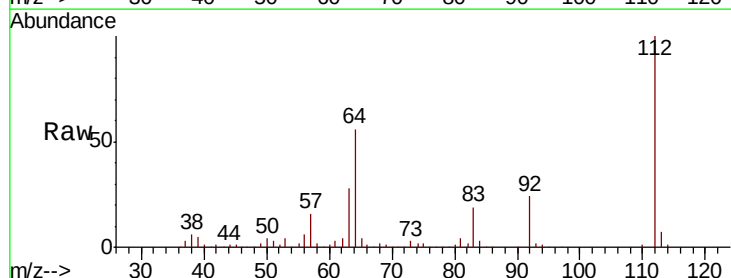
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 105.464 ng
RT: 5.50 min Scan# 410
Delta R.T. 0.00 min
Lab File: BG044336.D
Acq: 7 Feb 2020 14:20

Tgt Ion	112	Ratio	100	Resp	584497
Ion	112	100		Lower	Upper
	64	55.7	45.4	68.2	
	63	28.3	22.9	34.3	

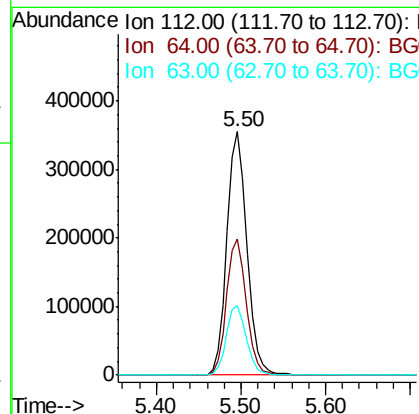
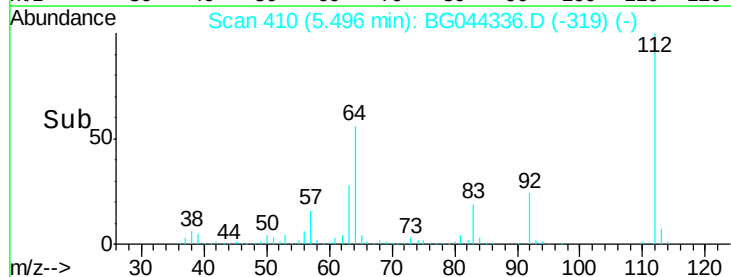


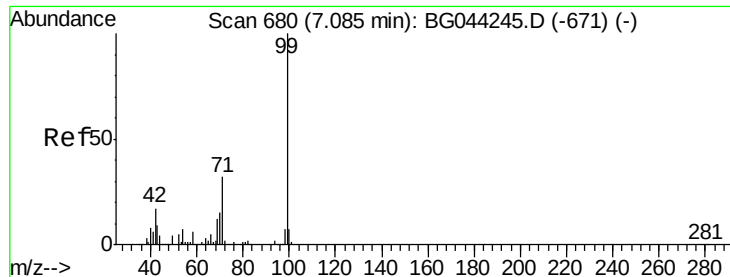
Abundance

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: 100.267 ng

RT: 7.09 min Scan# 681

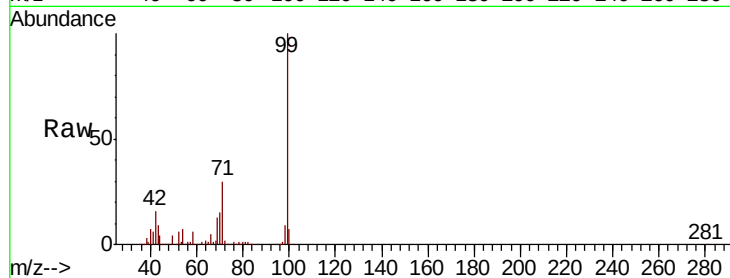
Delta R.T. 0.00 min

Lab File: BG044336.D

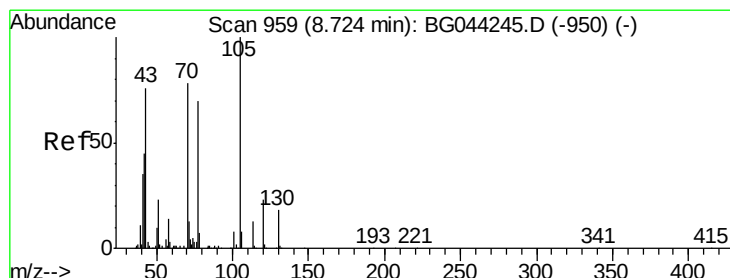
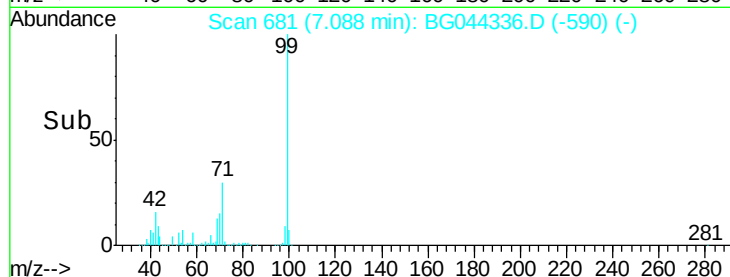
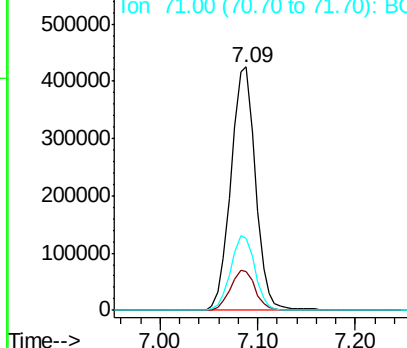
Acq: 7 Feb 2020 14:20

Tot Ion: 99 Resp: 746210

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.8	20.6
71	29.8	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



#19

n-Nitroso-di-n-propylamine

Concen: 11.616 ng

RT: 9.07 min Scan# 1018

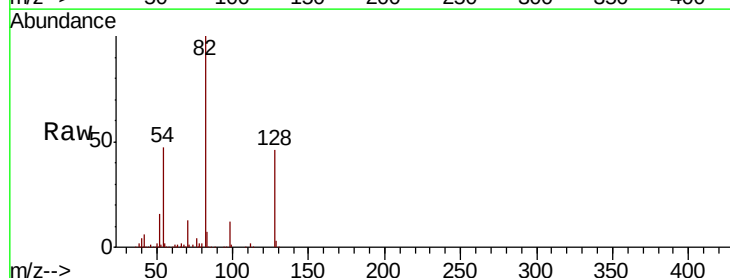
Delta R.T. 0.34 min

Lab File: BG044336.D

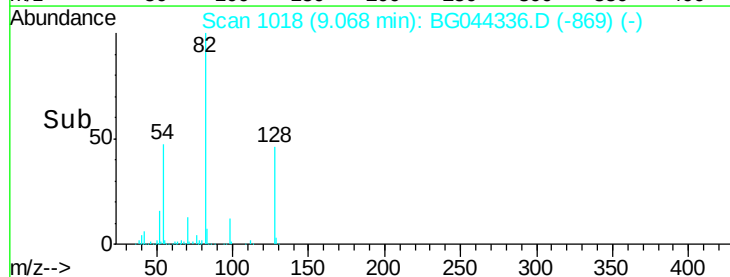
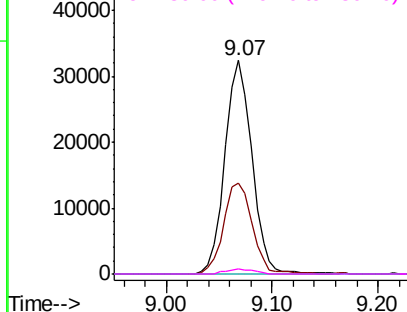
Acq: 7 Feb 2020 14:20

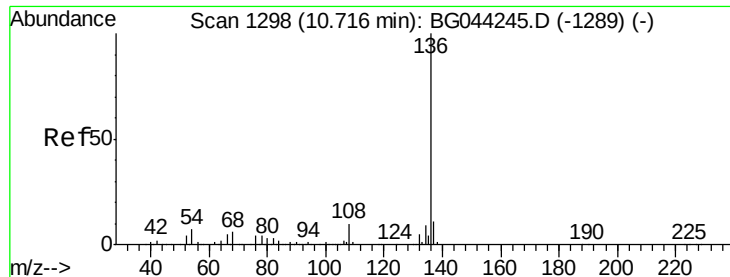
Tgt Ion: 70 Resp: 57614

Ion	Ratio	Lower	Upper
70	100		
42	42.4	46.2	69.2#
101	0.0	8.4	12.6#
130	2.2	17.8	26.8#



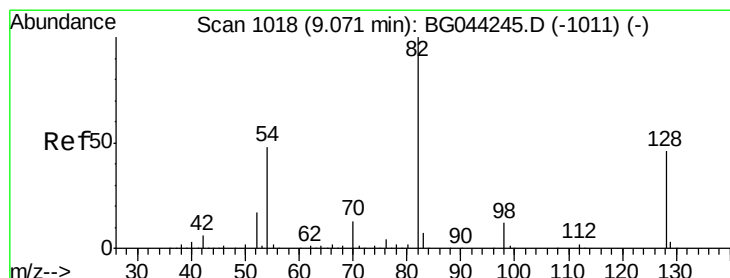
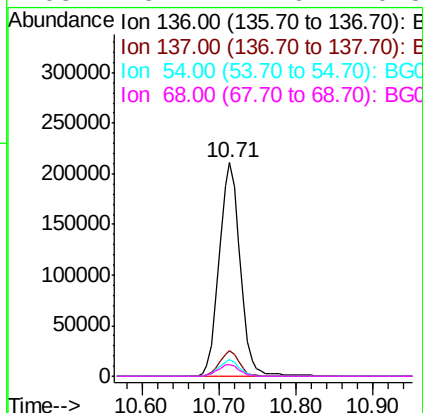
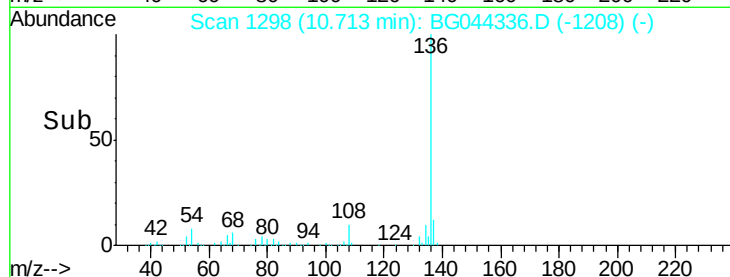
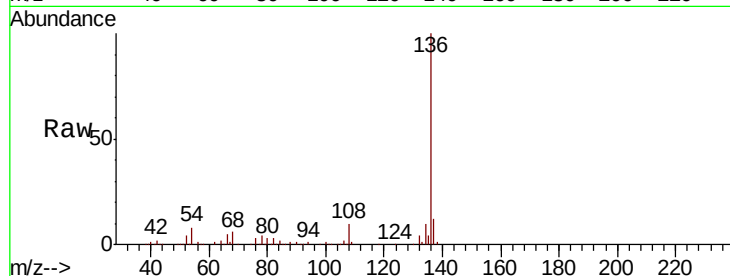
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





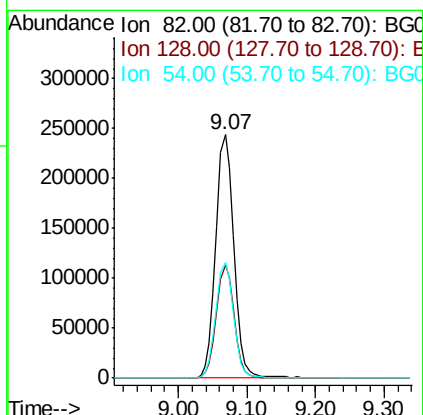
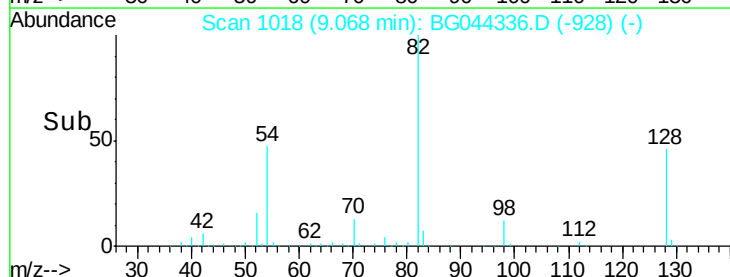
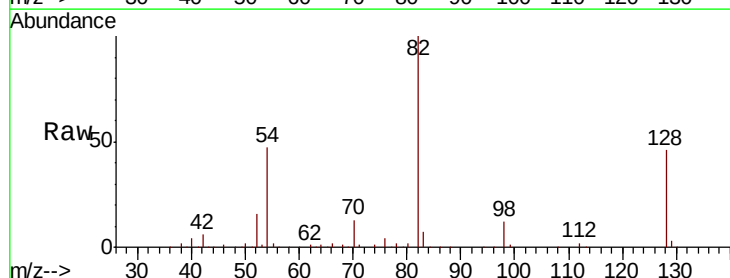
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044336.D
Acq: 7 Feb 2020 14:20

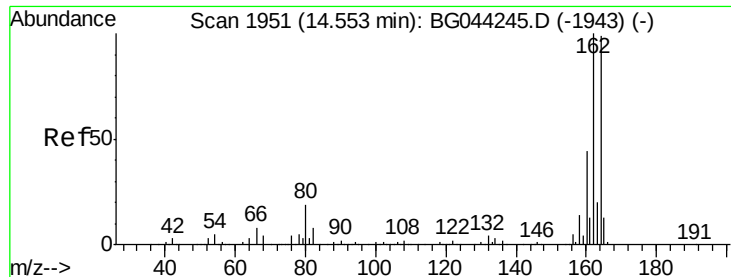
Tot Ion:136	Resp:	395958
Ion Ratio	Lower	Upper
136 100		
137 11.8	8.8	13.2
54 7.6	5.8	8.8
68 5.7	4.6	6.8



#23
Nitrobenzene-d5
Concen: 64.076 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044336.D
Acq: 7 Feb 2020 14:20

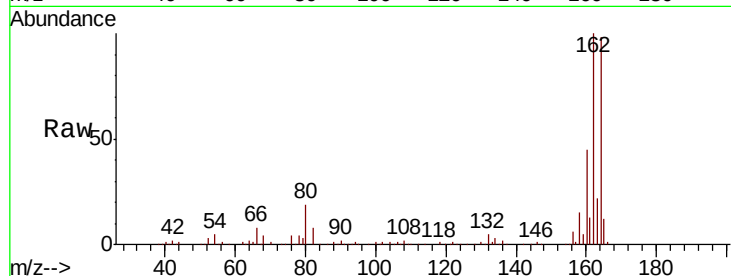
Tgt Ion: 82	Resp: 449397
Ion Ratio	Lower Upper
82 100	
128 46.4	36.5 54.7
54 47.3	38.6 58.0



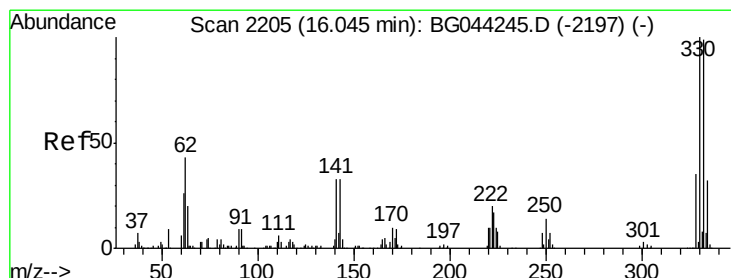
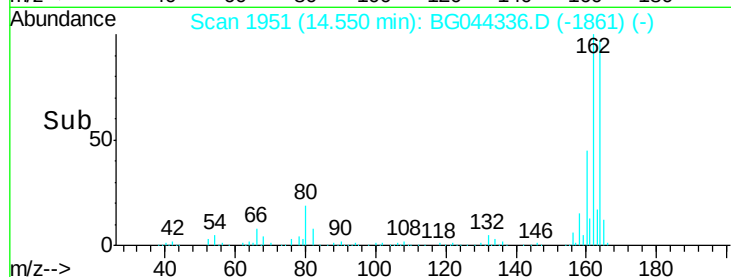
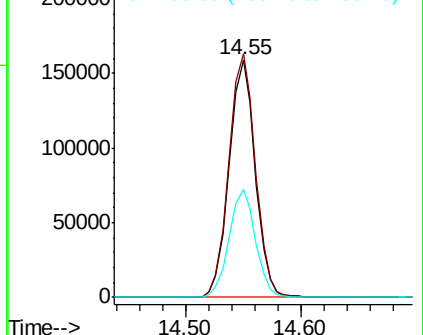


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044336.D
Acq: 7 Feb 2020 14:20

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.7	121.1
160	45.6	35.3	52.9

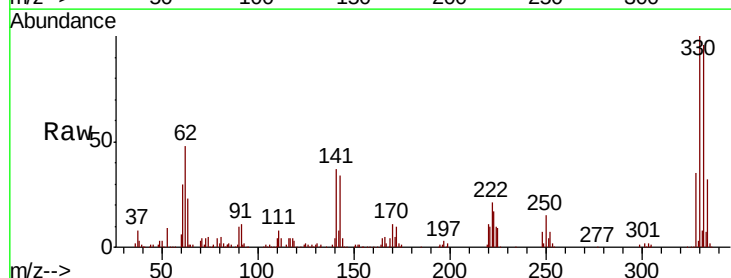


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

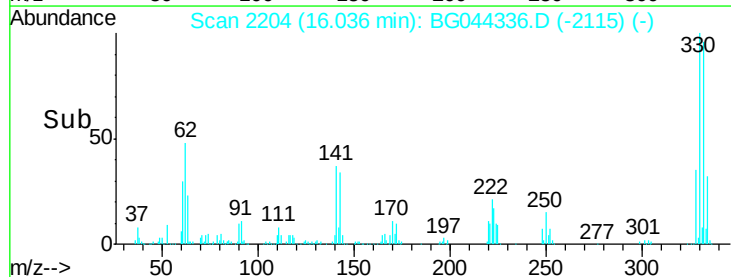
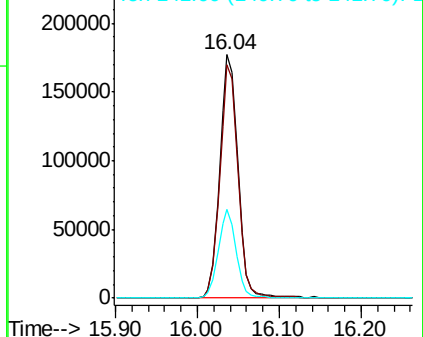


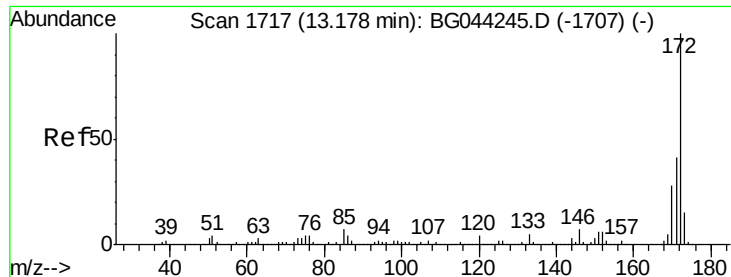
#42
2,4,6-Tribromophenol
Concen: 94.263 ng
RT: 16.04 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG044336.D
Acq: 7 Feb 2020 14:20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.2	115.8
141	35.7	28.3	42.5



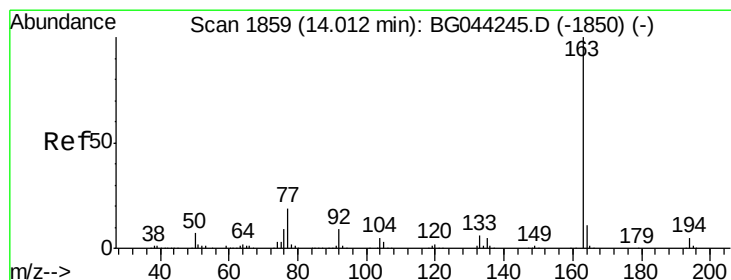
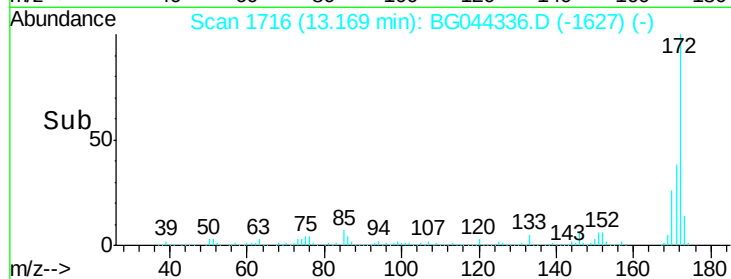
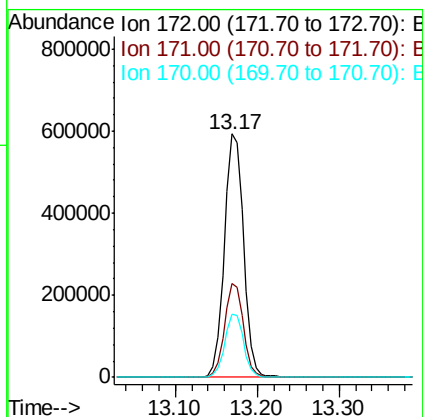
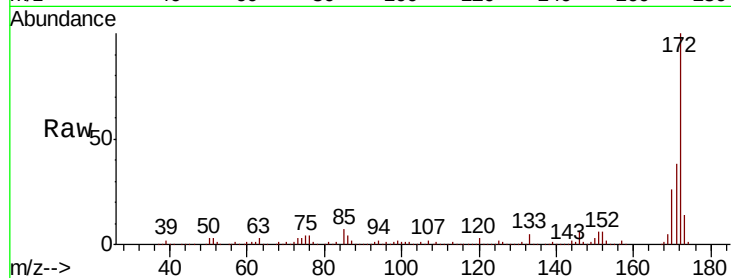
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





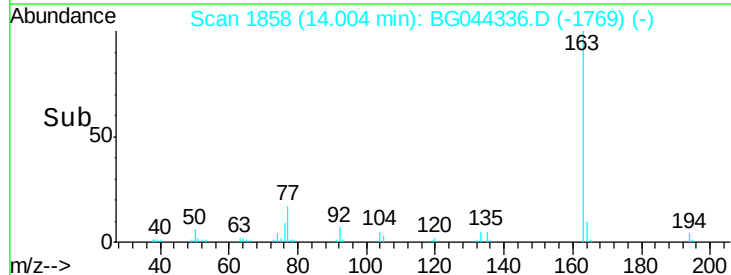
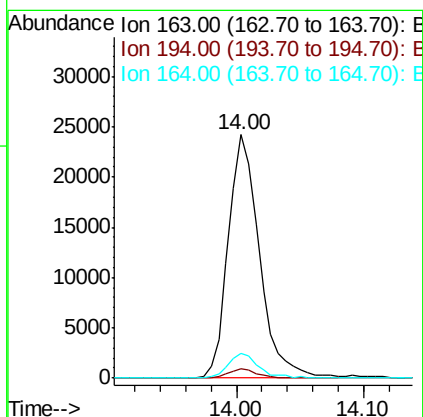
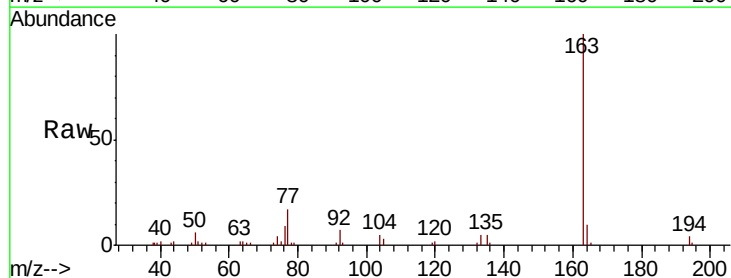
#45
2-Fluorobiphenyl
Concen: 65.232 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG044336.D
Acq: 7 Feb 2020 14:20

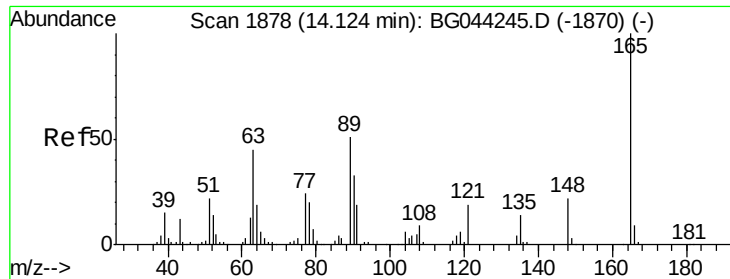
Tot Ion:172 Resp: 969701
Ion Ratio Lower Upper
172 100
171 38.4 32.9 49.3
170 26.1 22.0 33.0



#50
Dimethylphthalate
Concen: 2.308 ng
RT: 14.00 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG044336.D
Acq: 7 Feb 2020 14:20

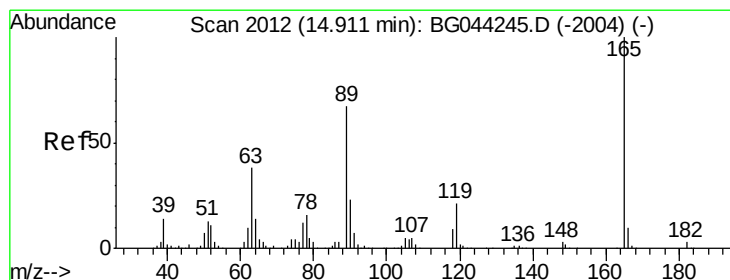
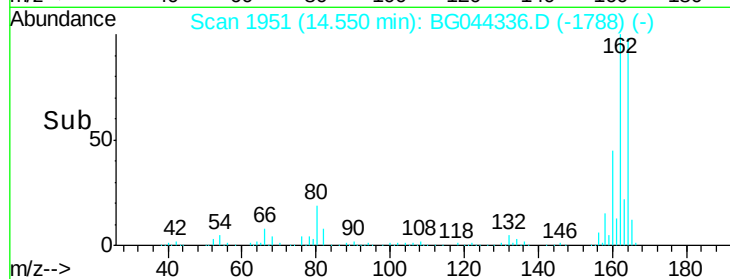
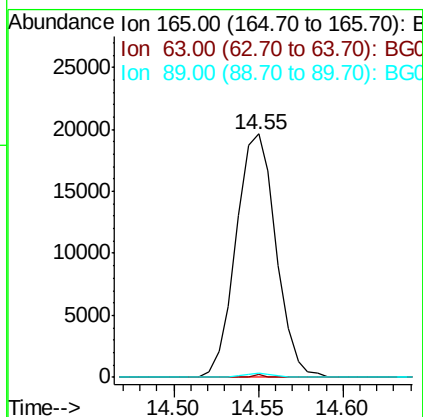
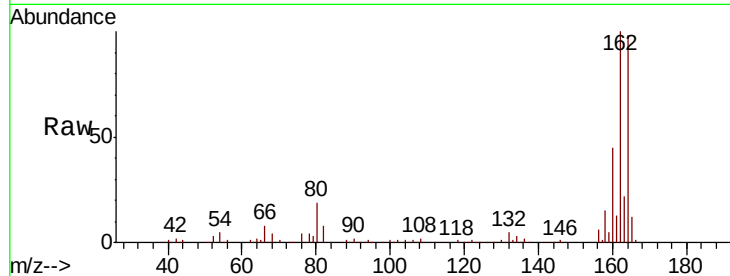
Tgt Ion:163 Resp: 41291
Ion Ratio Lower Upper
163 100
194 3.6 3.6 5.4
164 10.3 8.7 13.1





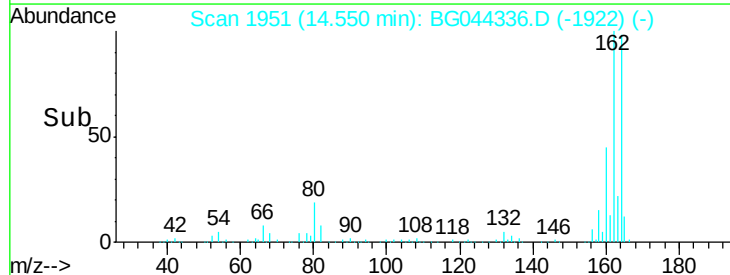
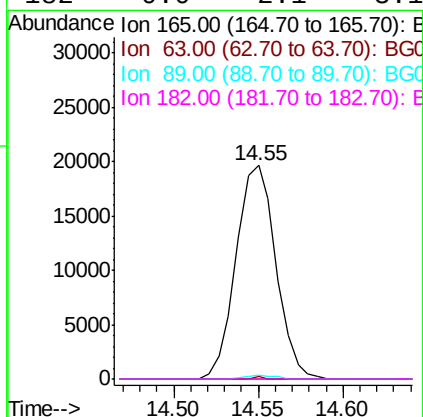
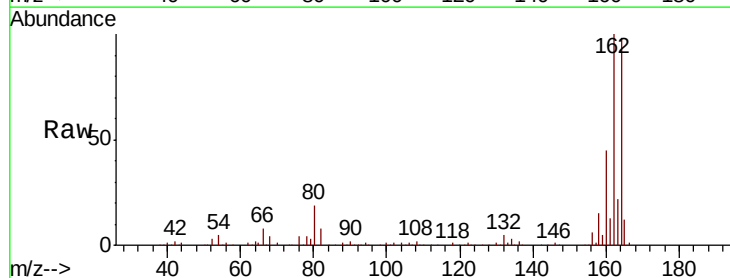
#51
 2,6-Dinitrotoluene
 Concen: 8.059 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. 0.43 min
 Lab File: BG044336.D
 Acq: 7 Feb 2020 14:20

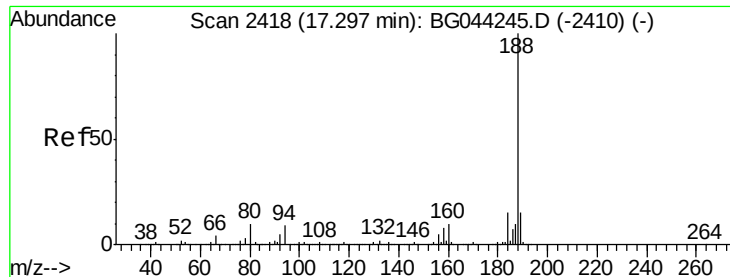
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	38.7	58.1#
89	1.7	40.4	60.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.750 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.36 min
 Lab File: BG044336.D
 Acq: 7 Feb 2020 14:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	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# 2418

Delta R.T. -0.00 min

Lab File: BG044336.D

Acq: 7 Feb 2020 14:20

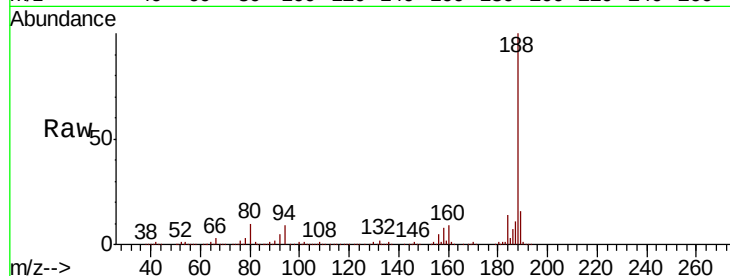
Tot Ion:188 Resp: 545686

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

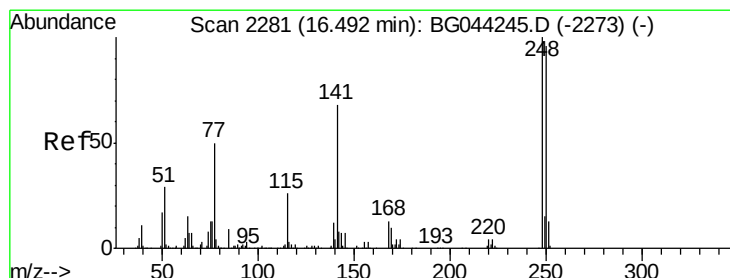
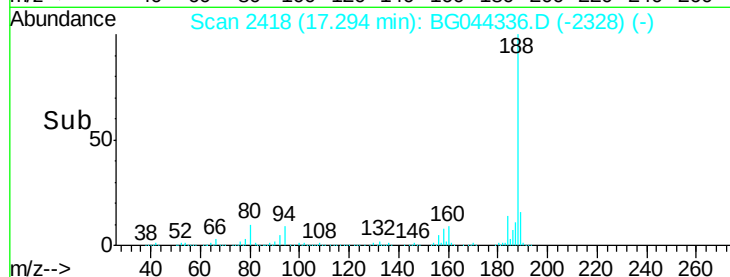
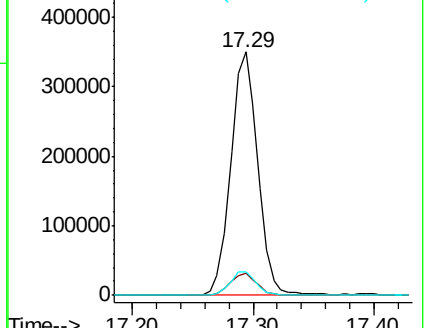
80 9.6 7.7 11.5



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: 3.150 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.46 min

Lab File: BG044336.D

Acq: 7 Feb 2020 14:20

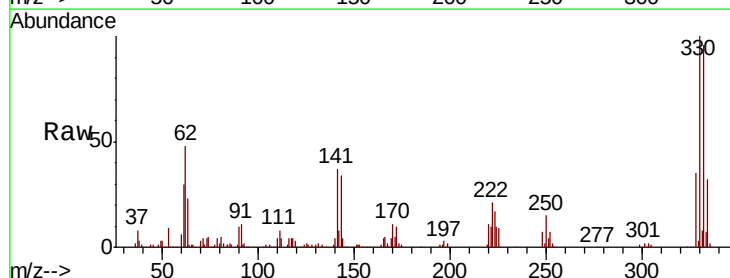
Tgt Ion:248 Resp: 18730

Ion Ratio Lower Upper

248 100

250 199.4 76.6 114.8#

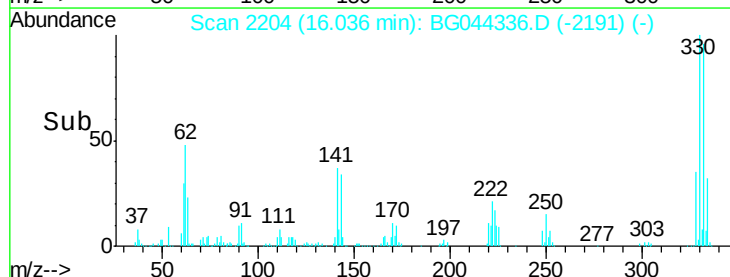
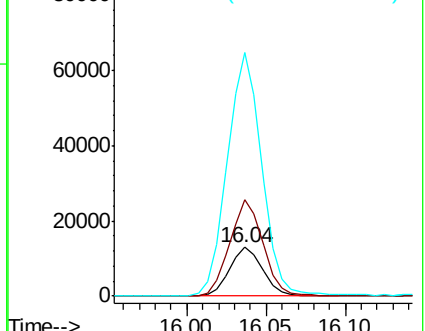
141 500.9 54.7 82.1#

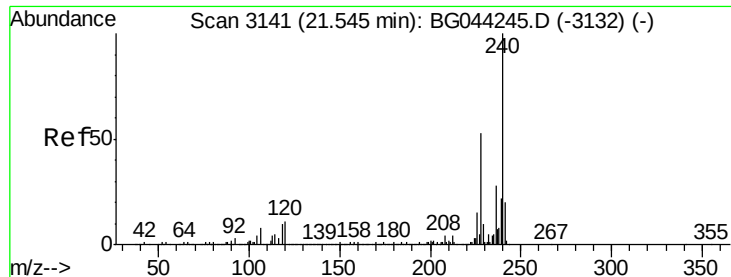


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

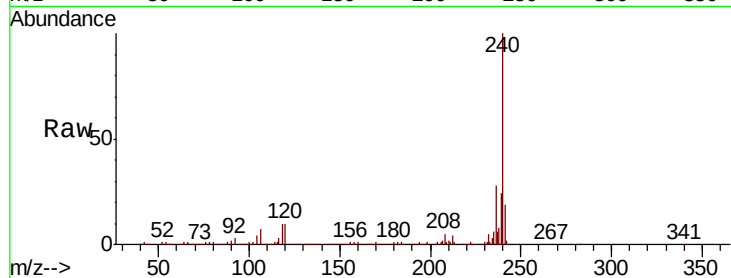
Ion 141.00 (140.70 to 141.70): E





#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG044336.D
 Acq: 7 Feb 2020 14:20

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.4	12.6
236	27.6	22.1	33.1

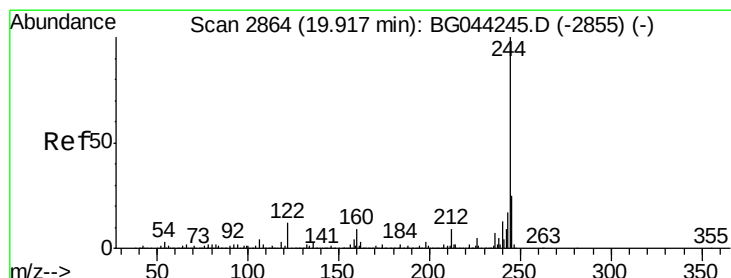
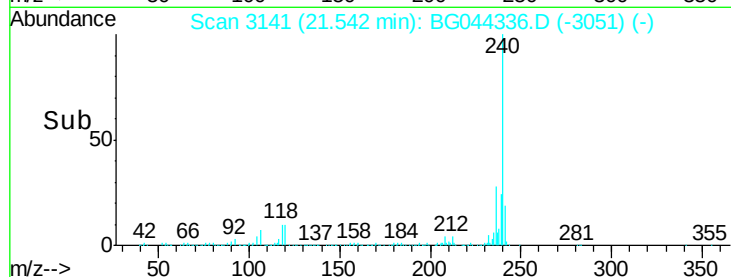
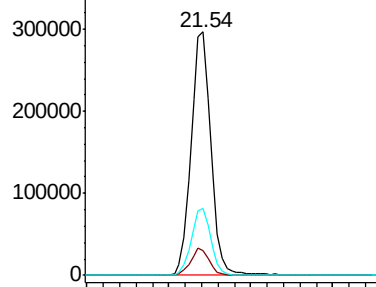


Abundance

Ion 240.00 (239.70 to 240.70): E

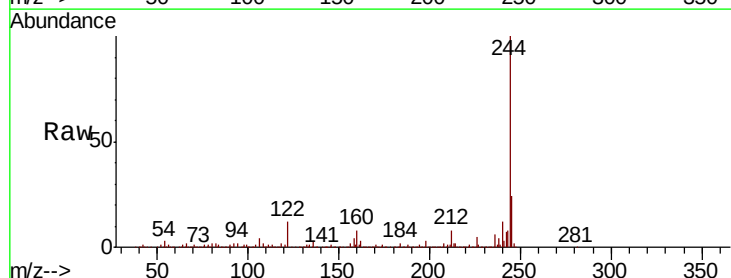
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79
 Terphenyl-d14
 Concen: 61.116 ng
 RT: 19.91 min Scan# 2863
 Delta R.T. -0.01 min
 Lab File: BG044336.D
 Acq: 7 Feb 2020 14:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.4	11.2
122	11.8	9.8	14.6

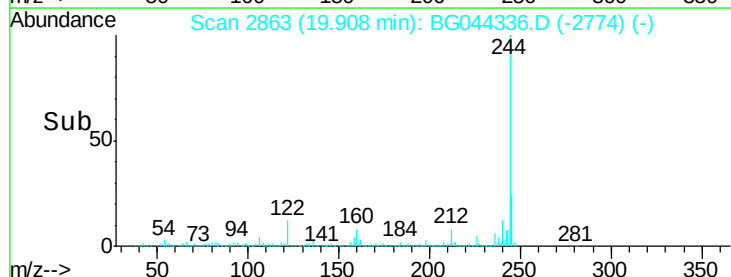
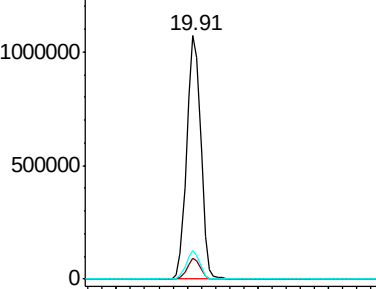


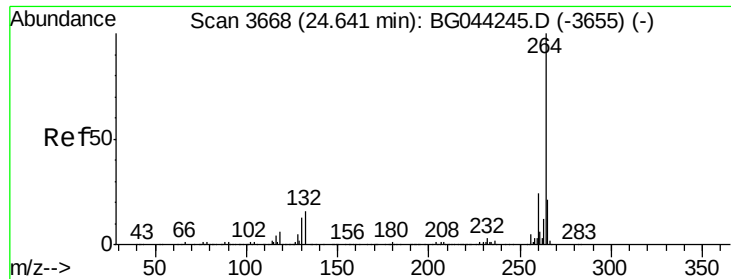
Abundance

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
Pervlene-d12
Concen: 20.000 ng
RT: 24.63 min Scan# 3667
Delta R.T. -0.01 min
Lab File: BG044336.D
Acq: 7 Feb 2020 14:20

Tot Ion:	264	Resp:	555102
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.1	16.7	25.1

