

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044553.D
 Acq On : 21 Feb 2020 17:36
 Operator : CG/JU
 Sample : L1526-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 22 05:51:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 16:02:12 2020
 Response via : Initial Calibration

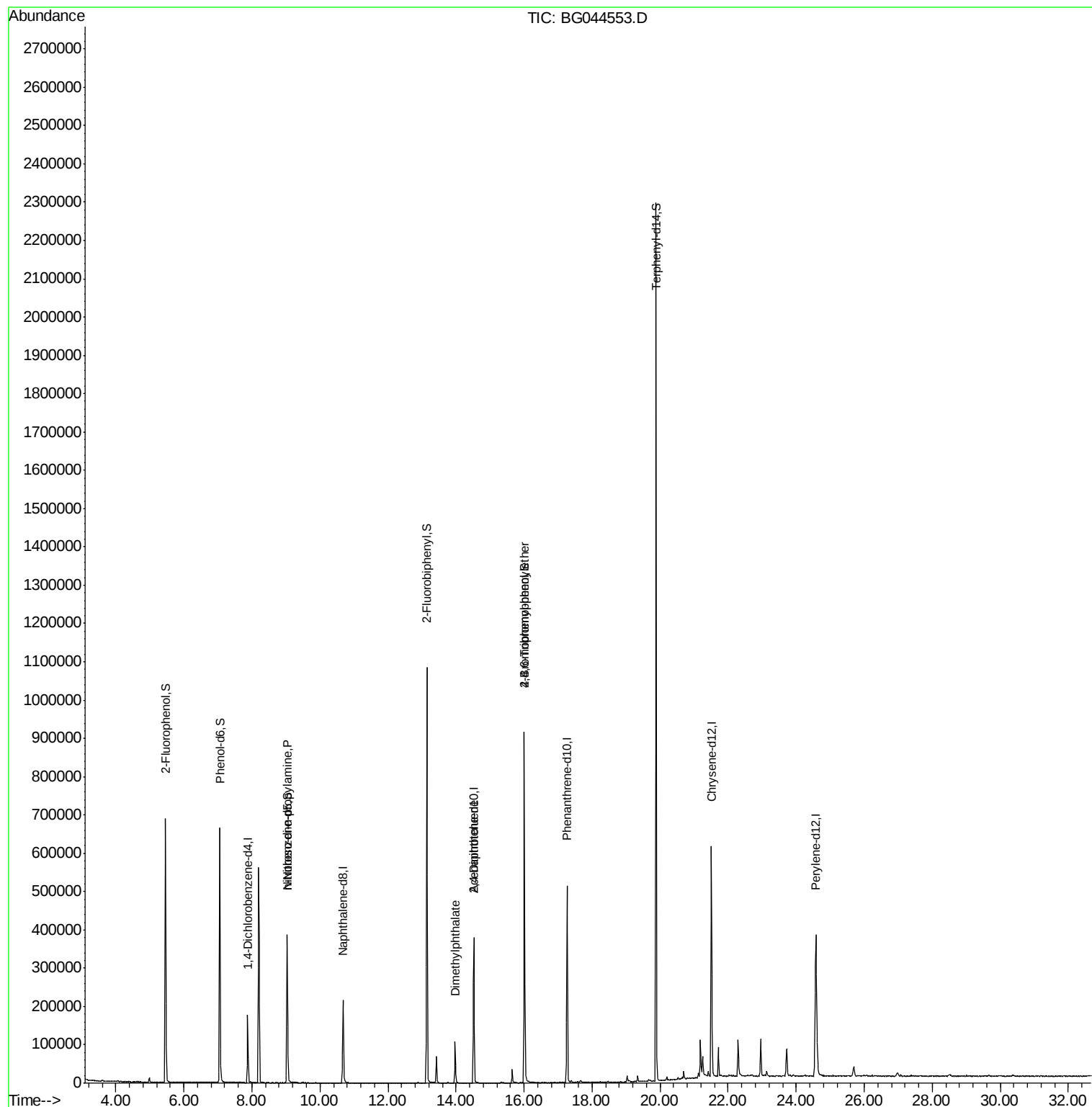
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	54716	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	216763	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	145202	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	349615	20.00	ng	0.00
76) Chrysene-d12	21.51	240	350258	20.00	ng	0.00
87) Perylene-d12	24.58	264	396540	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	346575	111.79	ng	0.00
7) Phenol-d6	7.06	99	449280	107.91	ng	0.00
23) Nitrobenzene-d5	9.04	82	268762	70.00	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	197140	115.65	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	617677	71.23	ng	0.00
79) Terphenyl-d14	19.88	244	1109250	65.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.04	70	33483	12.068	ng	Qvalue # 80
50) Dimethylphthalate	13.98	163	89773	8.601	ng	98
57) 2,4-Dinitrotoluene	14.52	165	18411	5.644	ng	# 29
67) 4-Bromophenyl-phenylether	16.01	248	13220	3.471	ng	# 1

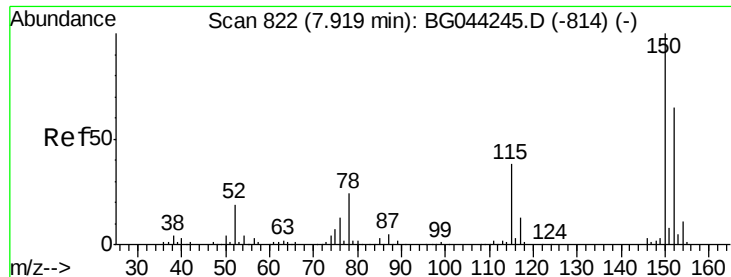
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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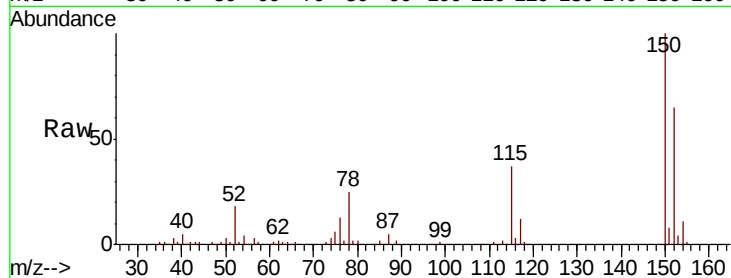


#1

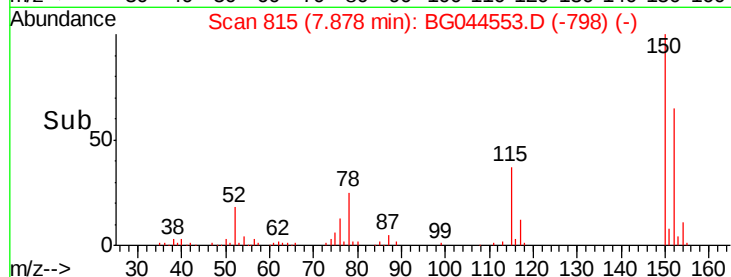
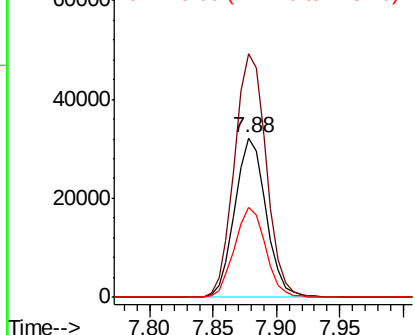
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BG044553.D
 Acq: 21 Feb 2020 17:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	123.1	184.7
115	56.3	45.1	67.7



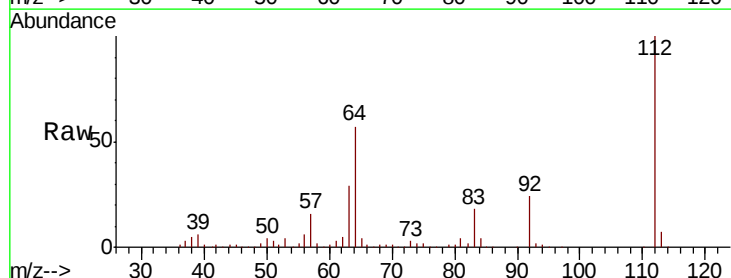
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



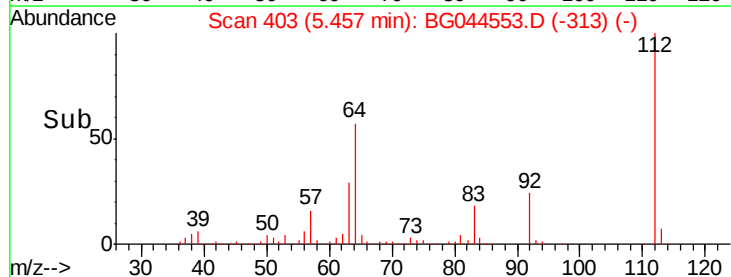
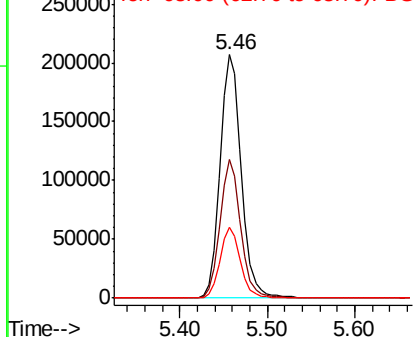
#5

2-Fluorophenol
 Concen: 111.786 ng
 RT: 5.46 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: BG044553.D
 Acq: 21 Feb 2020 17:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	44.5	66.7
63	29.1	22.2	33.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 107.915 ng

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044553.D

Acq: 21 Feb 2020 17:36

Instrument :

BNA_G

ClientSampleId :

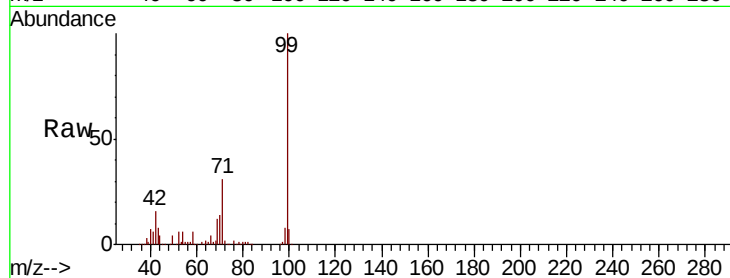
Tot Ion: 99 Resp: 449280

Ion Ratio Lower Upper

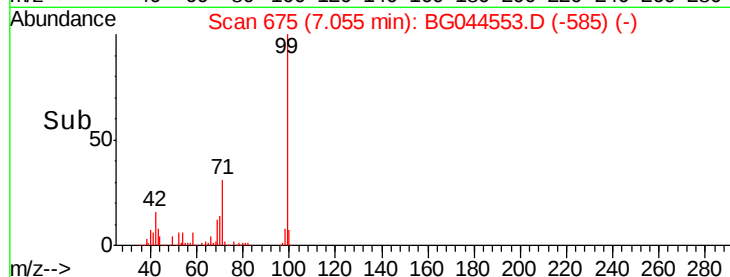
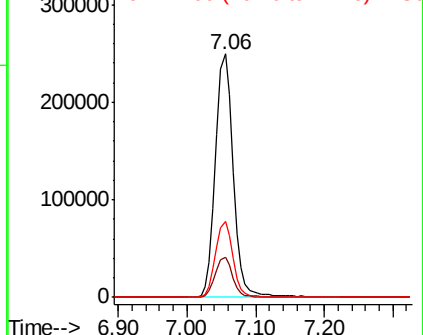
99 100

42 16.4 13.4 20.0

71 31.0 24.7 37.1



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: 12.068 ng

RT: 9.04 min Scan# 1012

Delta R.T. 0.35 min

Lab File: BG044553.D

Acq: 21 Feb 2020 17:36

Tgt Ion: 70 Resp: 33483

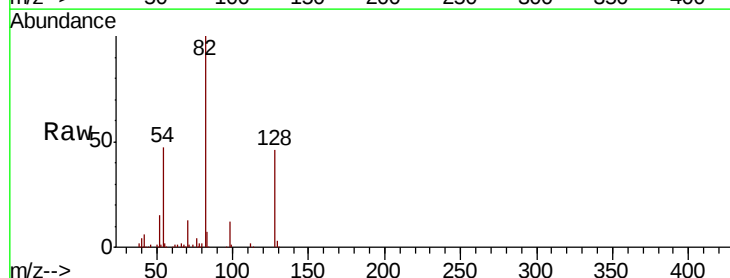
Ion Ratio Lower Upper

70 100

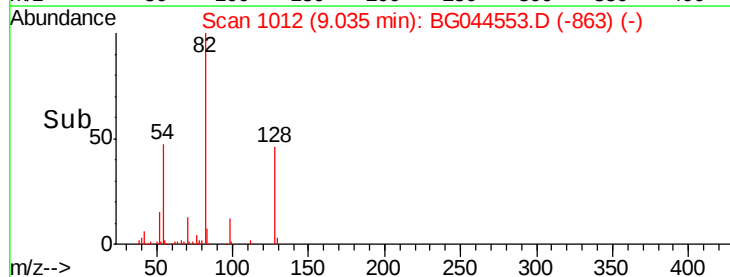
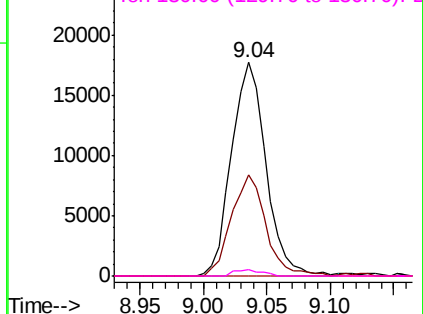
42 47.3 44.0 66.0

101 0.0 7.6 11.4#

130 2.8 18.2 27.2#



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: 10.68 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BG044553.D

Acq: 21 Feb 2020 17:36

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 216763

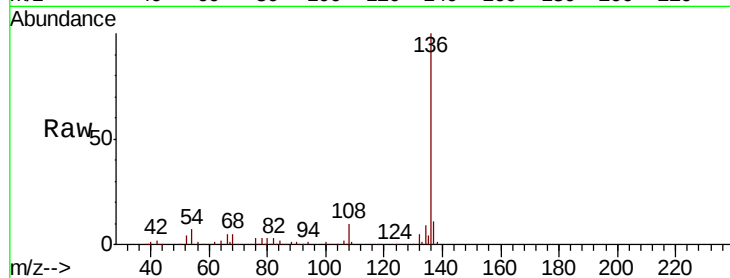
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 6.9 5.5 8.3

68 5.3 4.6 6.8

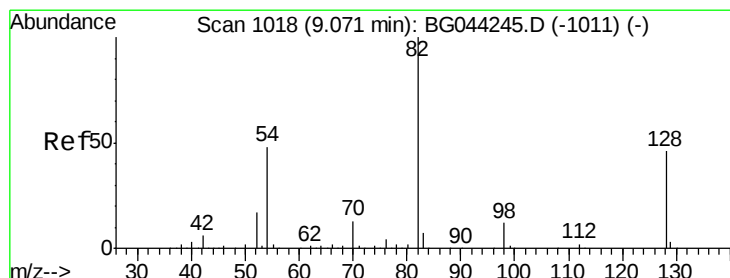
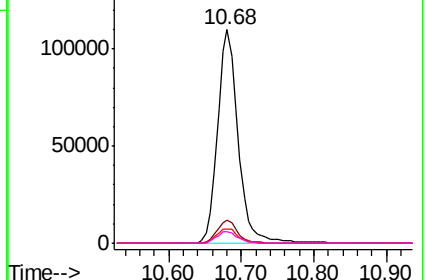
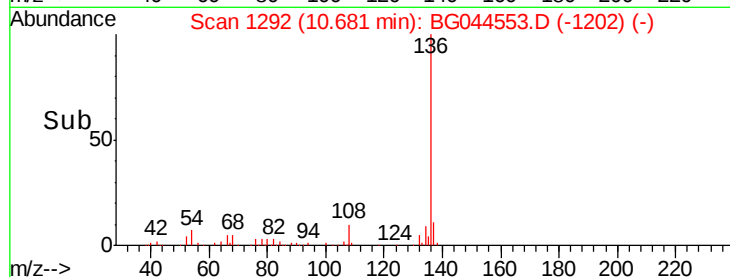


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.000 ng

RT: 9.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BG044553.D

Acq: 21 Feb 2020 17:36

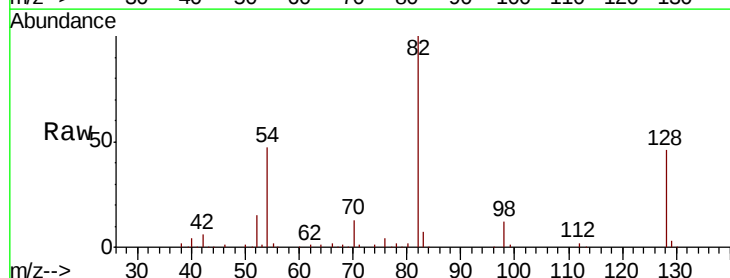
Tgt Ion: 82 Resp: 268762

Ion Ratio Lower Upper

82 100

128 45.8 39.1 58.7

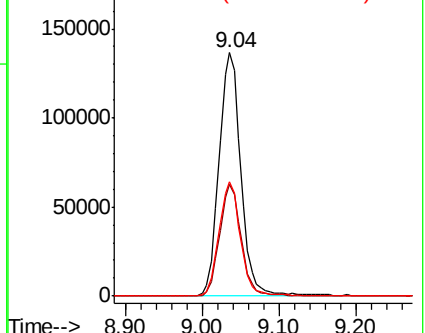
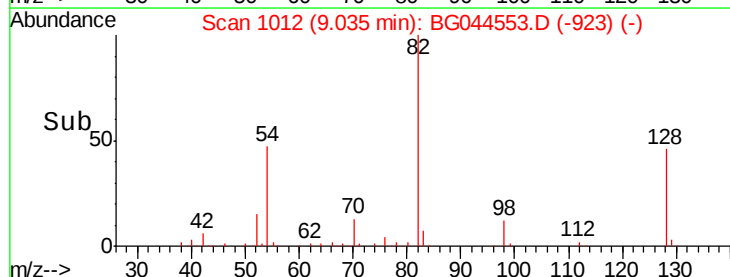
54 46.7 37.9 56.9



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

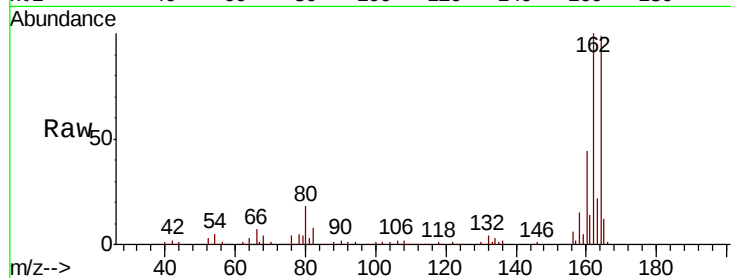




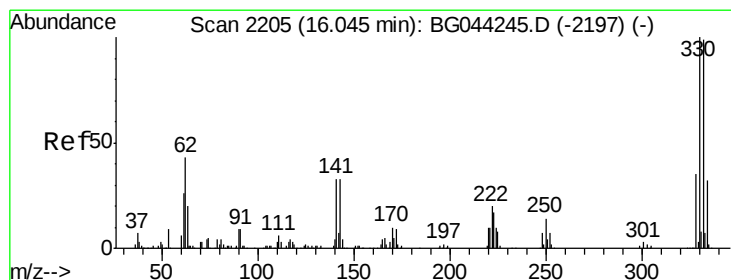
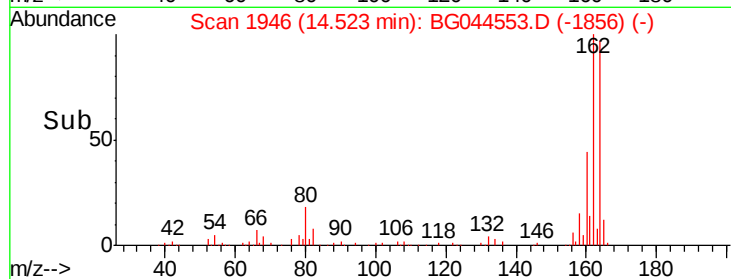
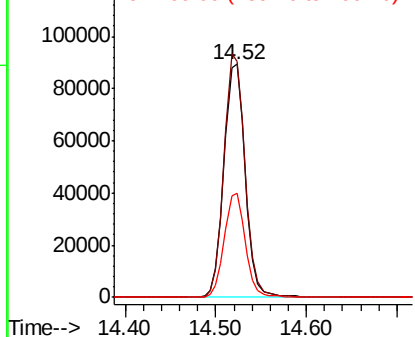
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG044553.D
Acq: 21 Feb 2020 17:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 145202
Ion Ratio Lower Upper
164 100
162 101.1 81.9 122.9
160 44.6 35.5 53.3

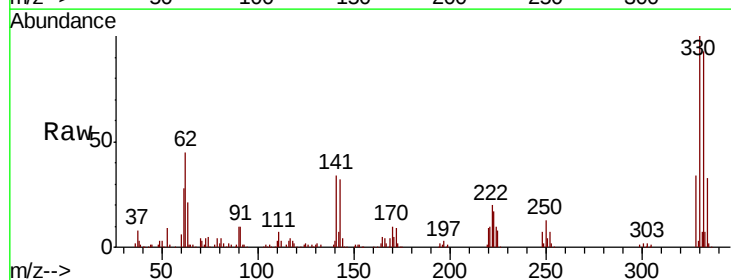


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

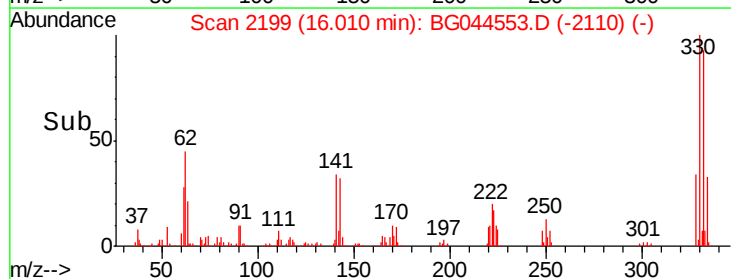
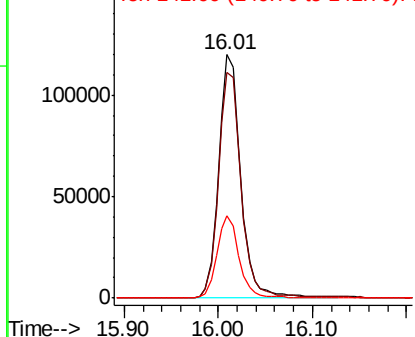


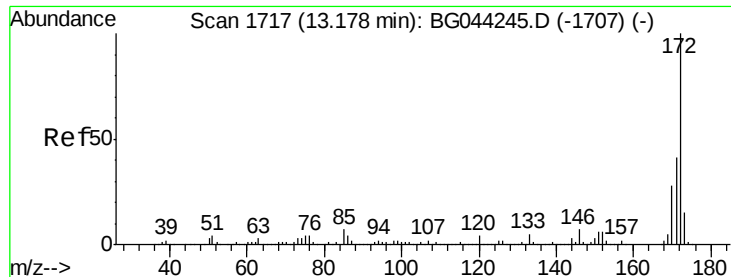
#42
2,4,6-Tribromophenol
Concen: 115.653 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG044553.D
Acq: 21 Feb 2020 17:36

Tgt Ion:330 Resp: 197140
Ion Ratio Lower Upper
330 100
332 96.1 76.6 115.0
141 34.1 26.5 39.7



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

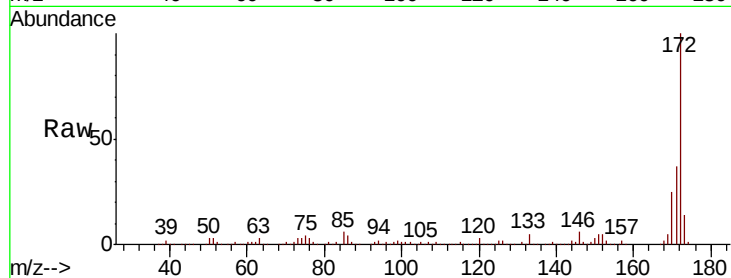




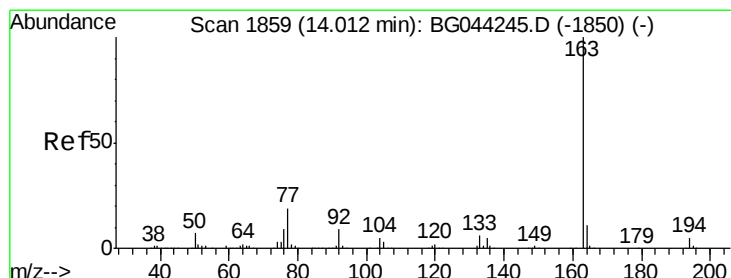
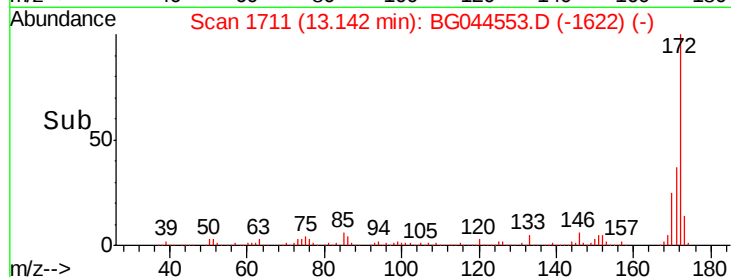
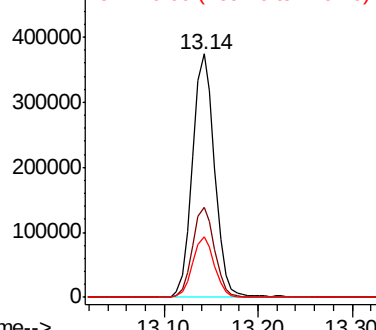
#45
 2-Fluorobiphenyl
 Concen: 71.234 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG044553.D
 Acq: 21 Feb 2020 17:36

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 617677
 Ion Ratio Lower Upper
 172 100
 171 37.1 32.3 48.5
 170 24.8 21.6 32.4

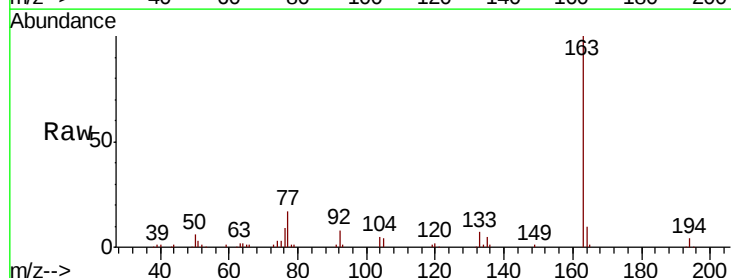


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

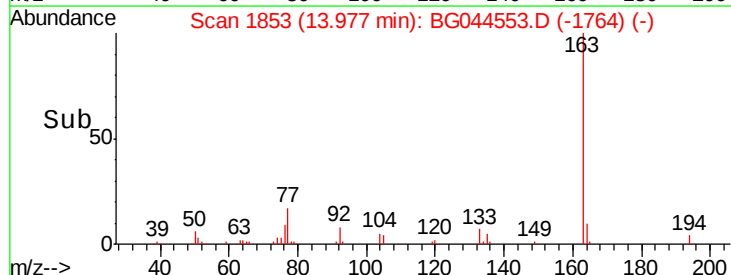
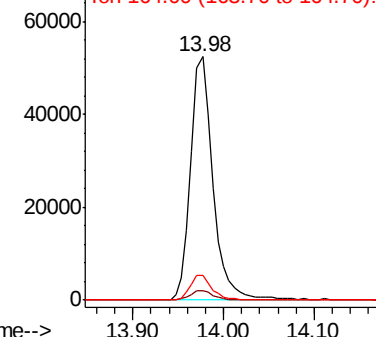


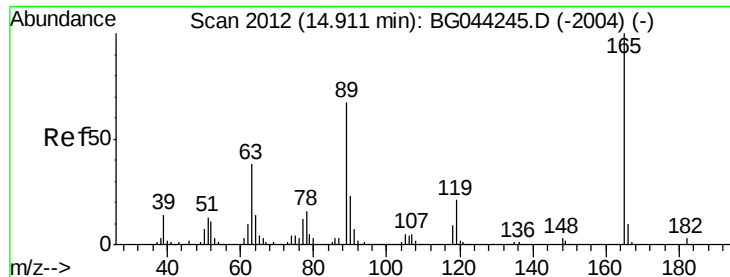
#50
 Dimethylphthalate
 Concen: 8.601 ng
 RT: 13.98 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BG044553.D
 Acq: 21 Feb 2020 17:36

Tgt Ion:163 Resp: 89773
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.6 5.4
 164 10.4 8.9 13.3



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

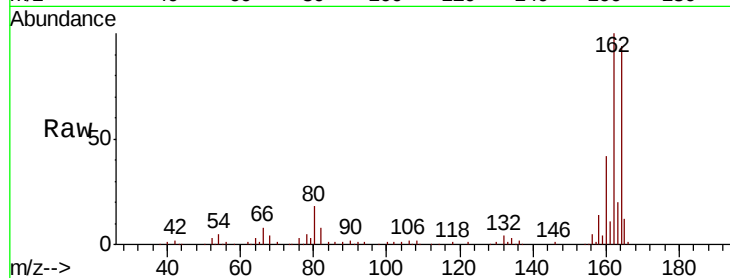




#57
 2,4-Dinitrotoluene
 Concen: 5.644 ng
 RT: 14.52 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG044553.D
 Acq: 21 Feb 2020 17:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	28.6	42.8#
89	0.0	50.7	76.1#
182	0.0	2.1	3.1#

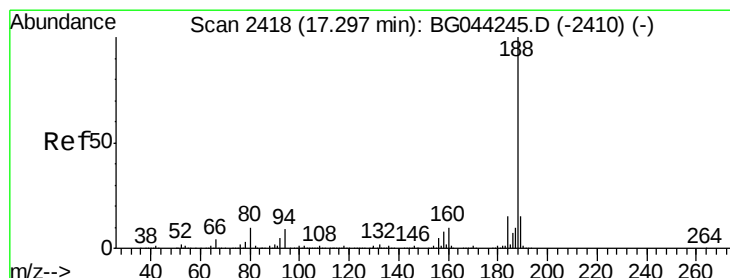
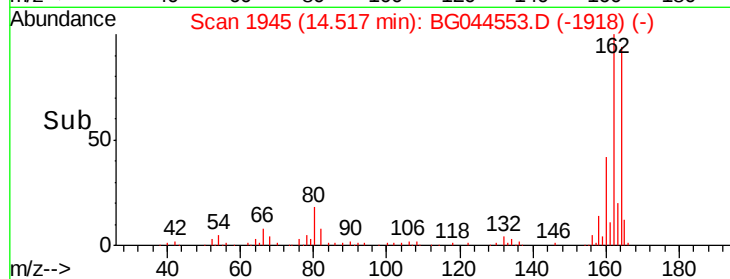
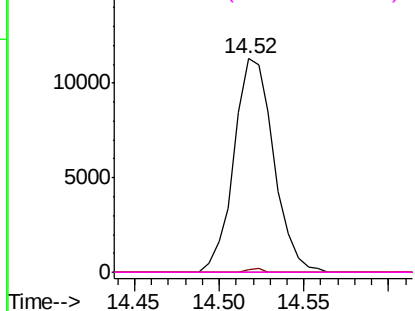


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

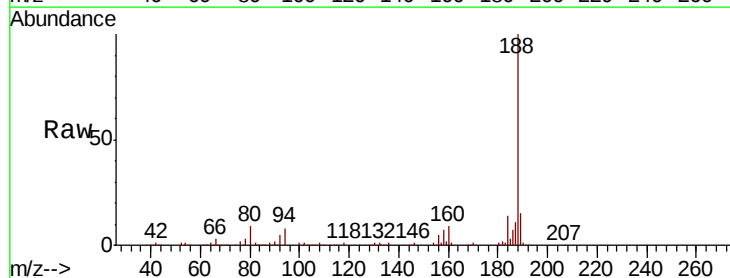
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.27 min Scan# 2413
 Delta R.T. 0.00 min
 Lab File: BG044553.D
 Acq: 21 Feb 2020 17:36

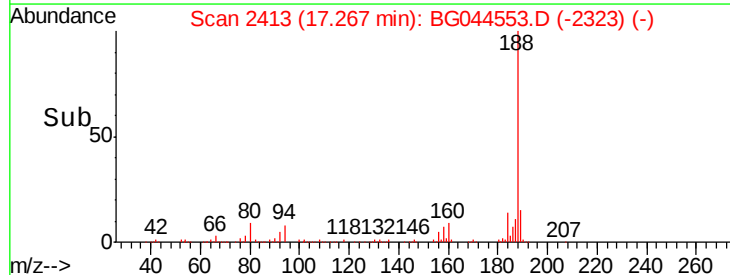
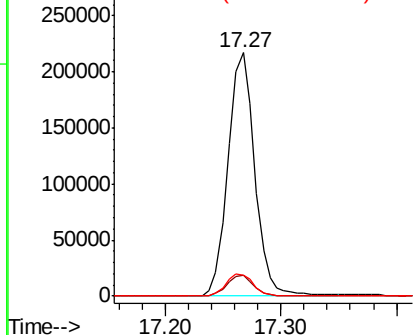
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.4	11.0
80	8.8	7.8	11.6

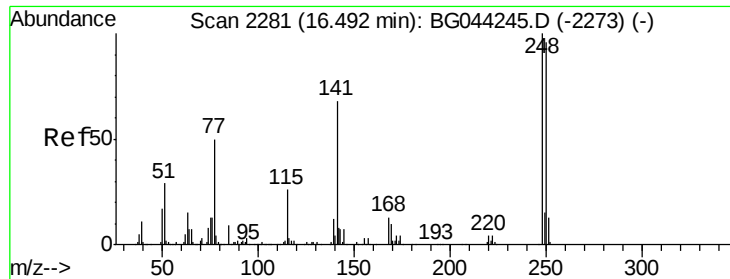


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

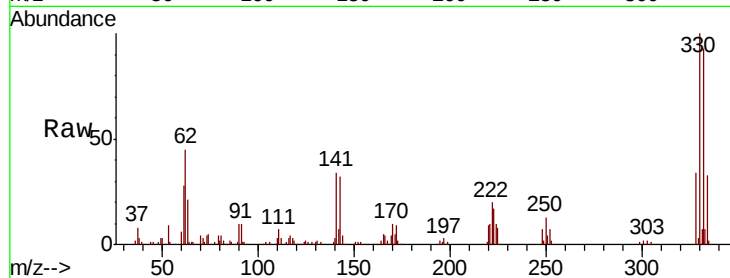




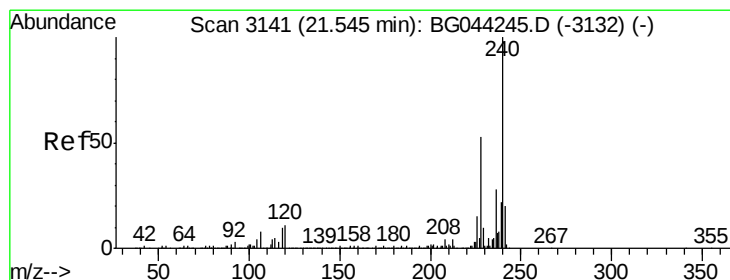
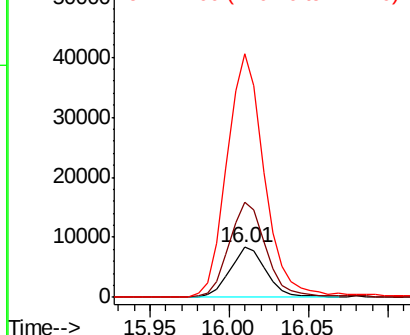
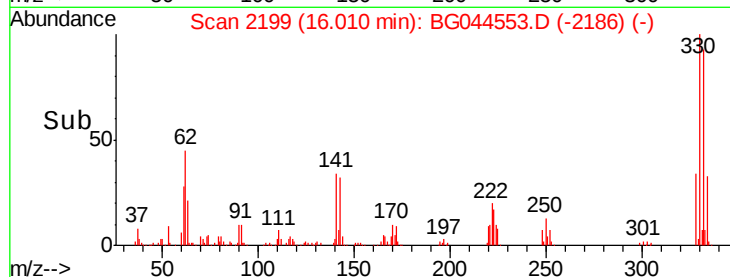
#67
 4-Bromophenyl-phenylether
 Concen: 3.471 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG044553.D
 Acq: 21 Feb 2020 17:36

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 13220
 Ion Ratio Lower Upper
 248 100
 250 189.5 76.8 115.2#
 141 486.2 50.0 75.0#

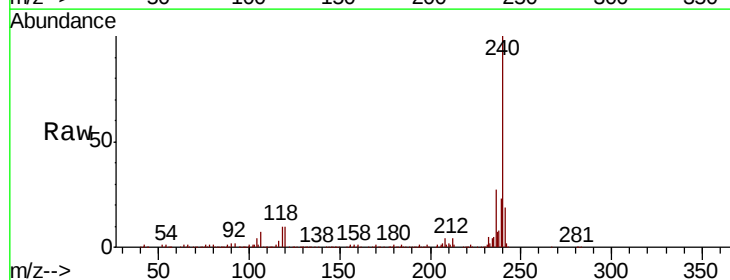


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

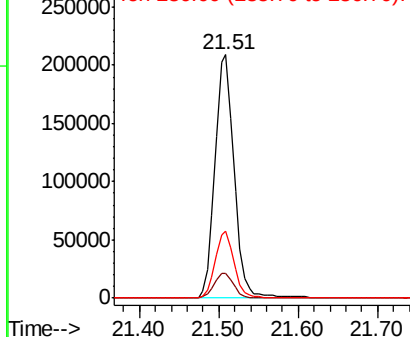
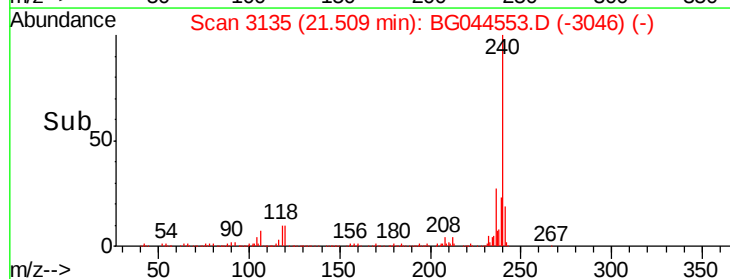


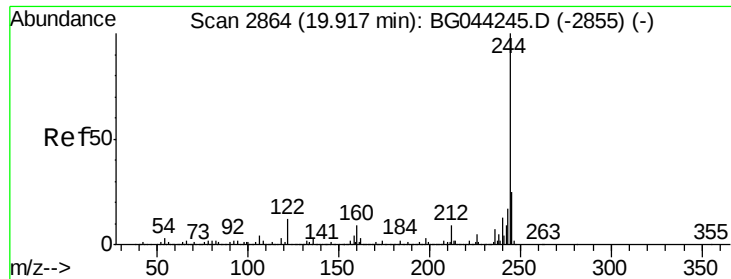
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. -0.01 min
 Lab File: BG044553.D
 Acq: 21 Feb 2020 17:36

Tgt Ion:240 Resp: 350258
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.2 12.2
 236 27.3 22.0 33.0



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: 65.140 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG044553.D

Acq: 21 Feb 2020 17:36

Instrument :

BNA_G

ClientSampled :

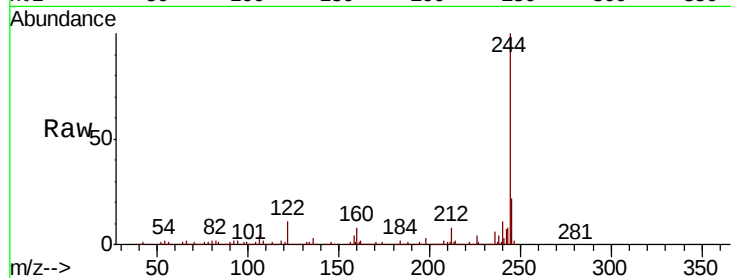
Tot Ion:244 Resp: 1109250

Ion Ratio Lower Upper

244 100

212 7.8 7.6 11.4

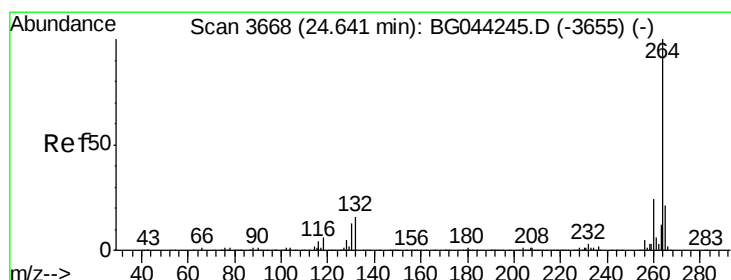
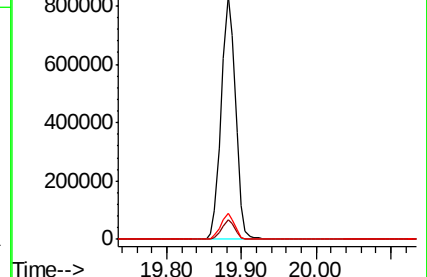
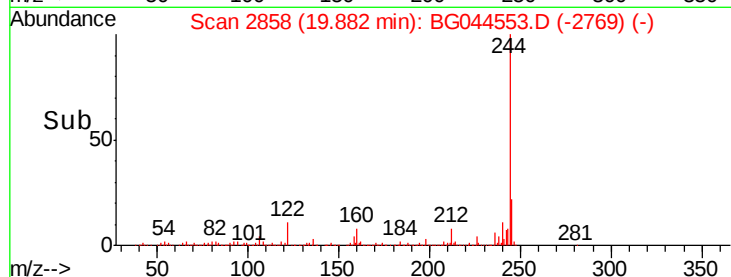
122 10.7 9.8 14.8



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: 24.58 min Scan# 3657

Delta R.T. -0.01 min

Lab File: BG044553.D

Acq: 21 Feb 2020 17:36

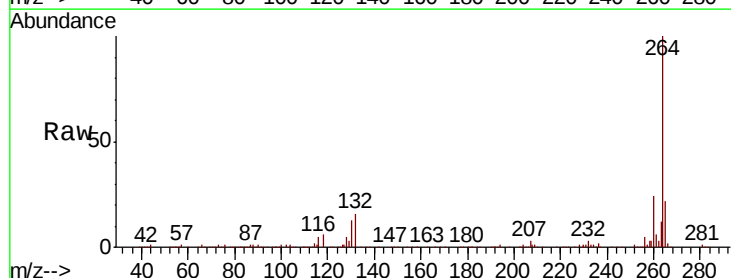
Tgt Ion:264 Resp: 396540

Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.8

265 22.2 17.6 26.4



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

