

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\
 Data File : BG044424.D
 Acq On : 13 Feb 2020 19:19
 Operator : CG/JU
 Sample : L1491-01RX
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 14 02:55:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

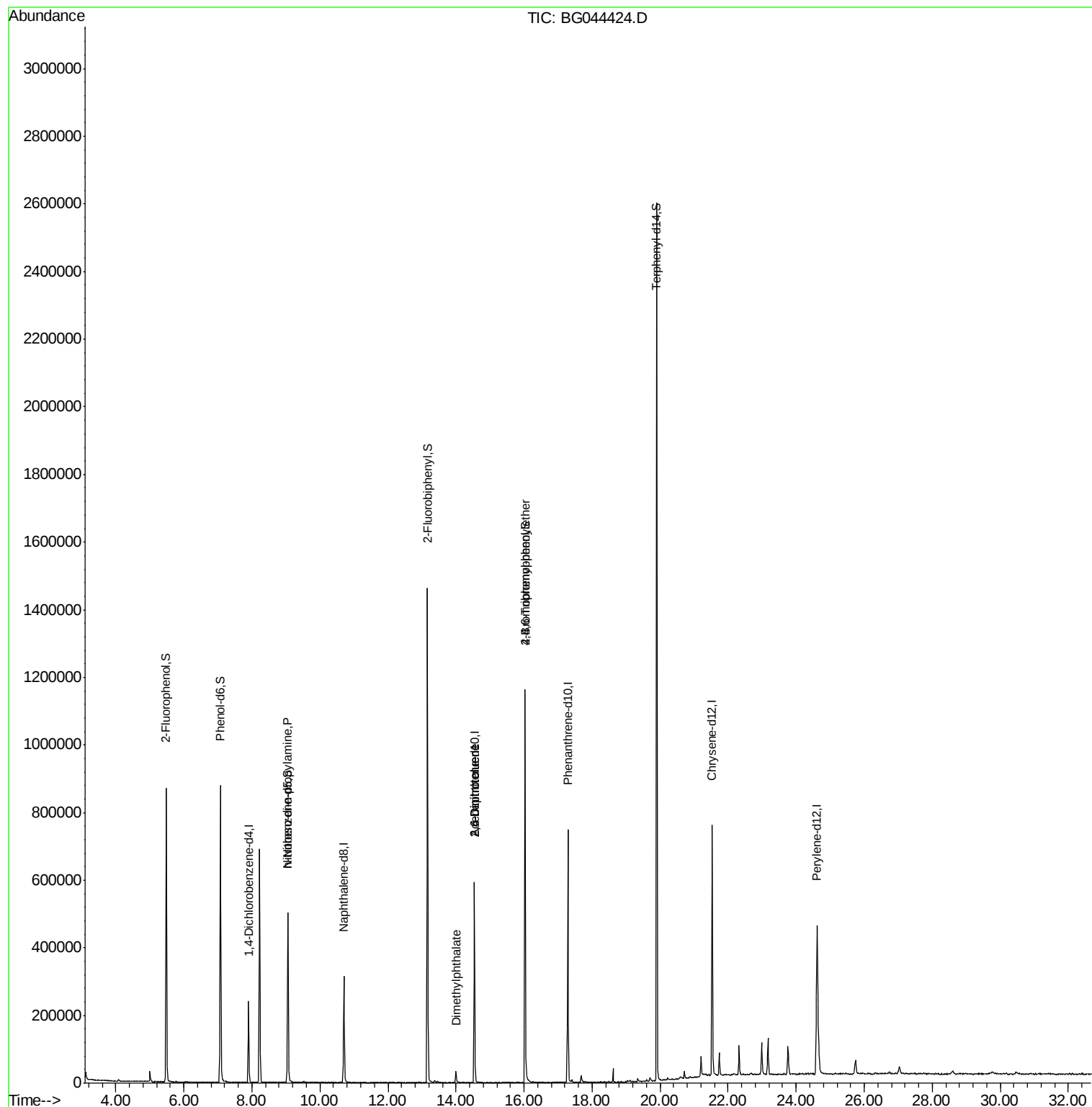
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	73118	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	306251	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	212431	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	495657	20.00	ng	0.00
76) Chrysene-d12	21.53	240	461777	20.00	ng	0.00
87) Perylene-d12	24.62	264	476843	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	433232	104.57	ng	0.00
7) Phenol-d6	7.07	99	579552	104.17	ng	0.00
23) Nitrobenzene-d5	9.06	82	340558	62.78	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	245555	98.47	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	839121	66.15	ng	0.00
79) Terphenyl-d14	19.90	244	1278705	56.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.06	70	43351	11.692	ng	Qvalue # 76
50) Dimethylphthalate	14.00	163	34070	2.231	ng	99
51) 2,6-Dinitrotoluene	14.54	165	28262	8.301	ng	# 30
57) 2,4-Dinitrotoluene	14.54	165	28262	5.922	ng	# 27
67) 4-Bromophenyl-phenylether	16.03	248	16522	3.060	ng	# 1

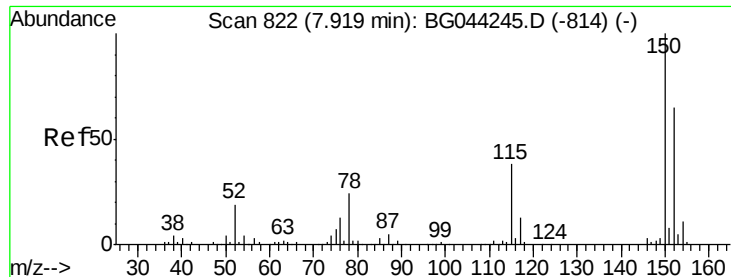
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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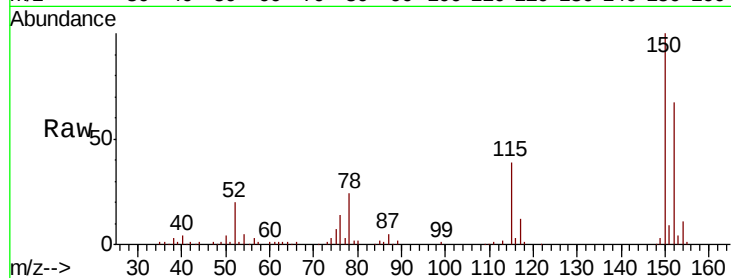


#1

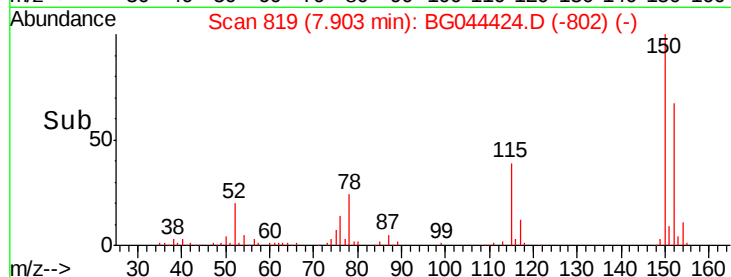
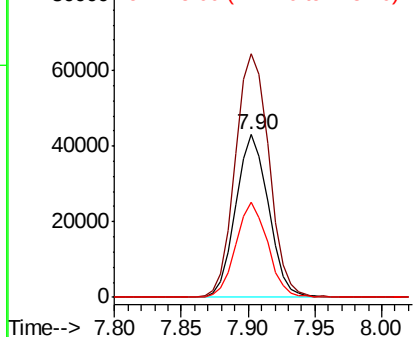
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG044424.D
Acq: 13 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 73118
Ion Ratio Lower Upper
152 100
150 149.7 122.6 183.8
115 58.3 46.0 69.0



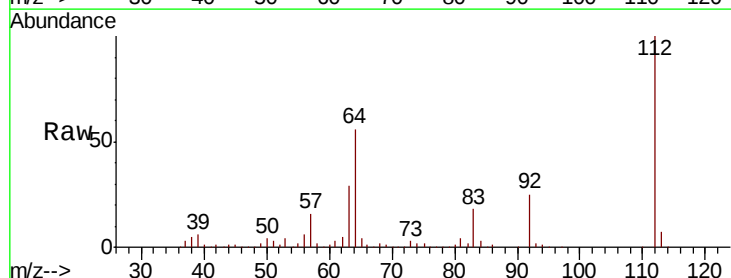
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



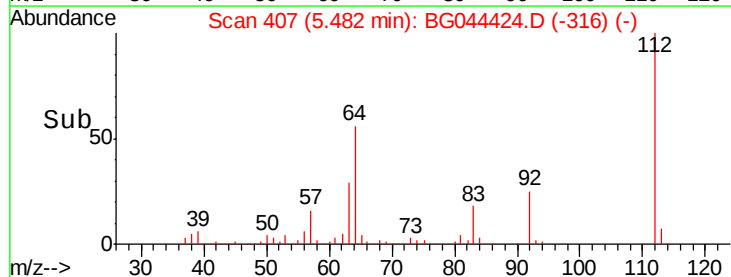
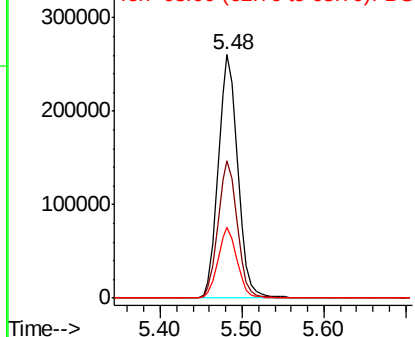
#5

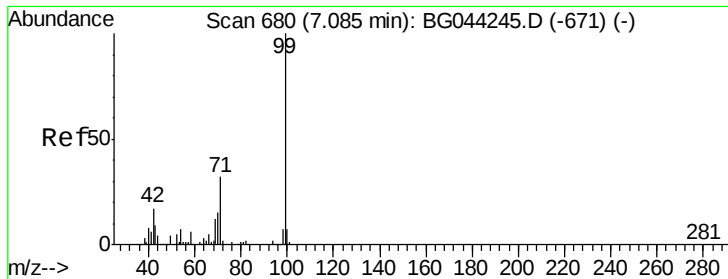
2-Fluorophenol
Concen: 104.569 ng
RT: 5.48 min Scan# 407
Delta R.T. 0.00 min
Lab File: BG044424.D
Acq: 13 Feb 2020 19:19

Tgt Ion:112 Resp: 433232
Ion Ratio Lower Upper
112 100
64 56.3 45.4 68.2
63 28.9 22.9 34.3



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: 104.171 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044424.D

Acq: 13 Feb 2020 19:19

Instrument :

BNA_G

ClientSampleId :

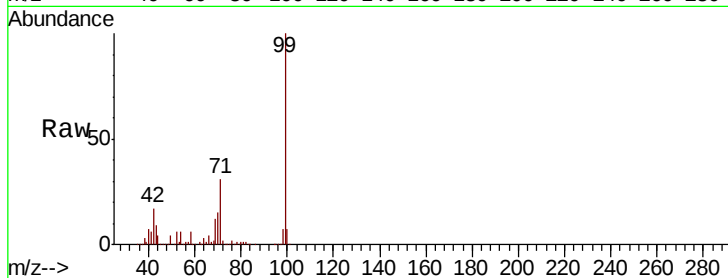
Tot Ion: 99 Resp: 579552

Ion Ratio Lower Upper

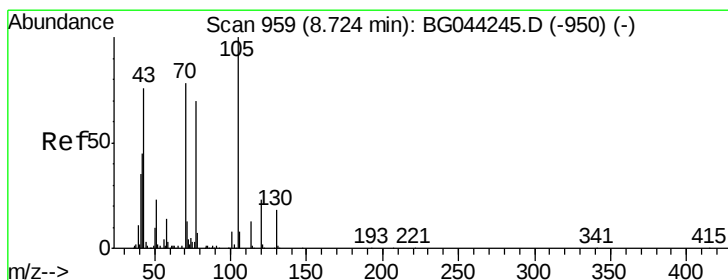
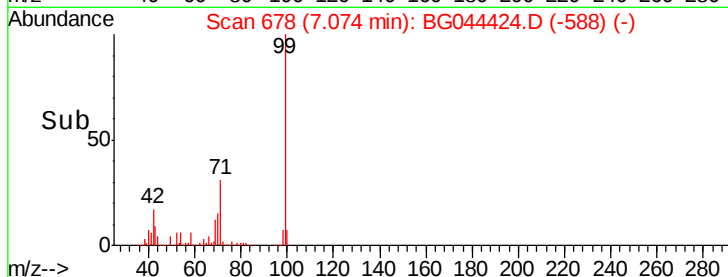
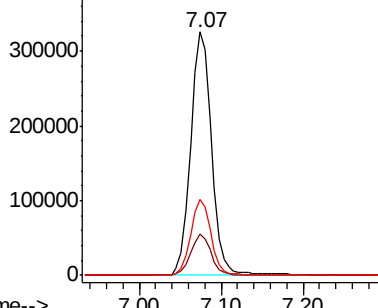
99 100

42 16.9 13.8 20.6

71 31.0 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: 11.692 ng

RT: 9.06 min Scan# 1016

Delta R.T. 0.35 min

Lab File: BG044424.D

Acq: 13 Feb 2020 19:19

Tgt Ion: 70 Resp: 43351

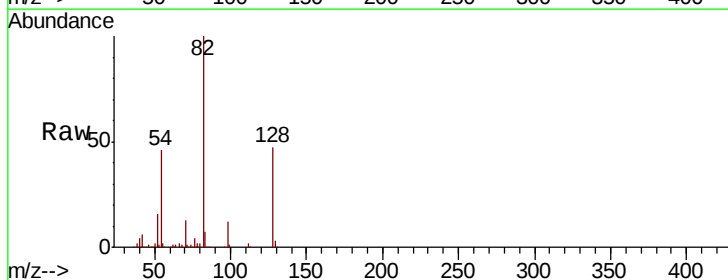
Ion Ratio Lower Upper

70 100

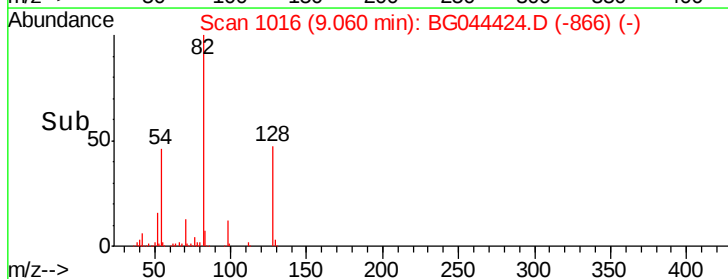
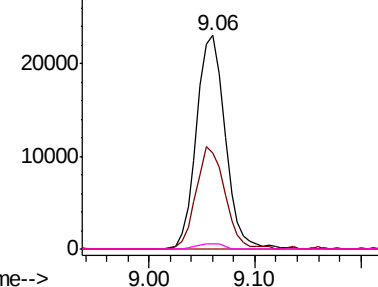
42 45.1 46.2 69.2#

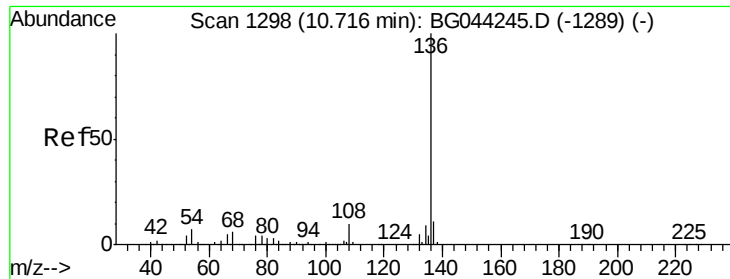
101 0.0 8.4 12.6#

130 2.5 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# 1296

Delta R.T. 0.00 min

Lab File: BG044424.D

Acq: 13 Feb 2020 19:19

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 306251

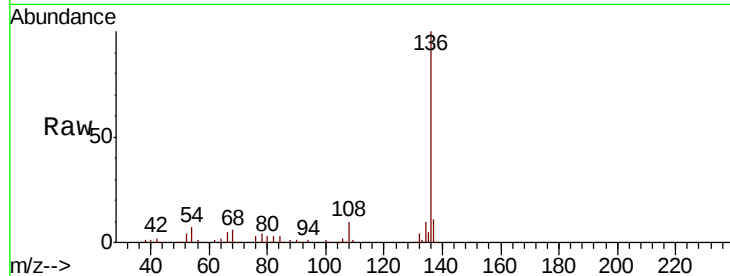
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.1 5.8 8.8

68 5.9 4.6 6.8

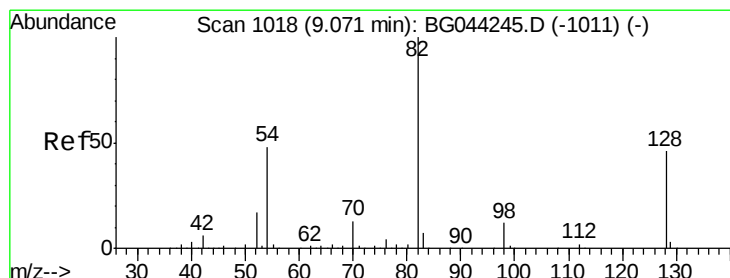
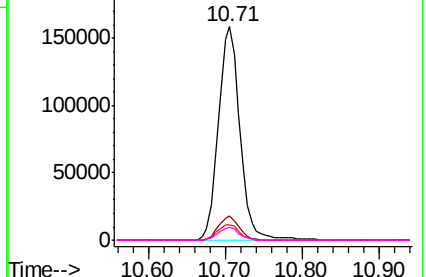
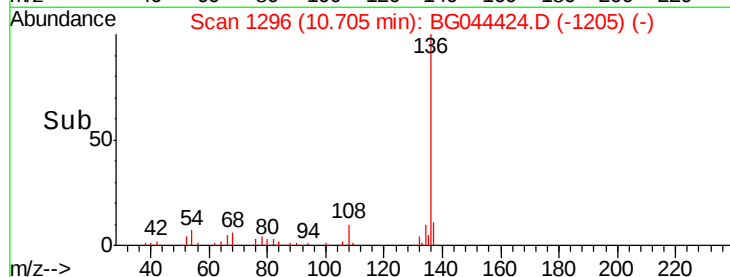


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.781 ng

RT: 9.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG044424.D

Acq: 13 Feb 2020 19:19

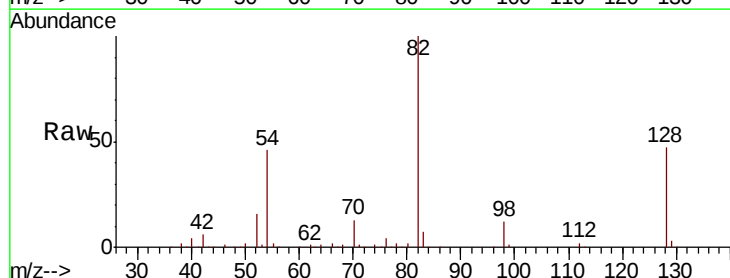
Tgt Ion: 82 Resp: 340558

Ion Ratio Lower Upper

82 100

128 46.6 36.5 54.7

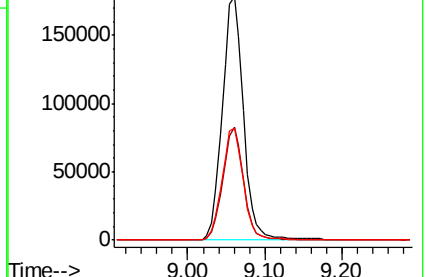
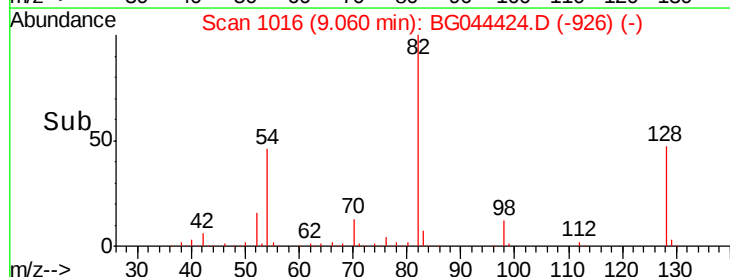
54 45.9 38.6 58.0

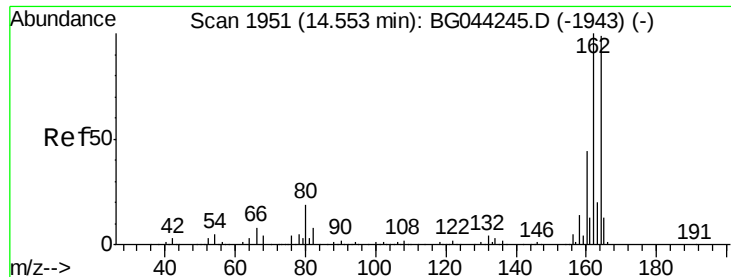


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.54 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG044424.D

Acq: 13 Feb 2020 19:19

Instrument :

BNA_G

ClientSampleId :

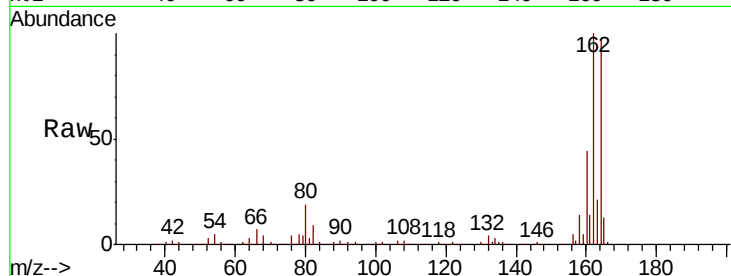
Tot Ion:164 Resp: 212431

Ion Ratio Lower Upper

164 100

162 103.4 80.7 121.1

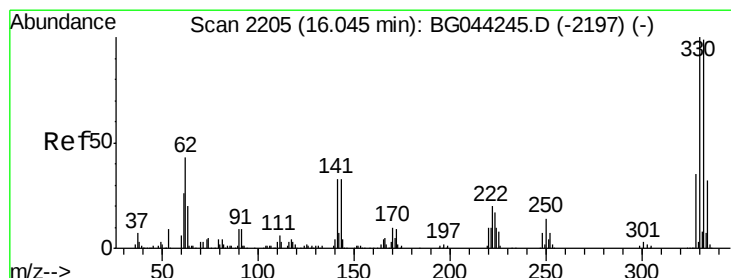
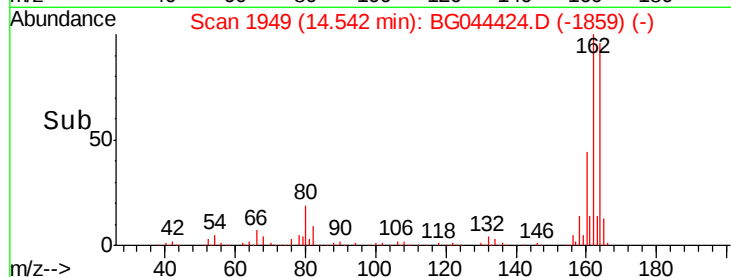
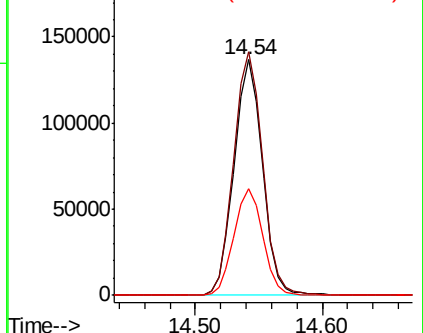
160 45.4 35.3 52.9



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: 98.465 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044424.D

Acq: 13 Feb 2020 19:19

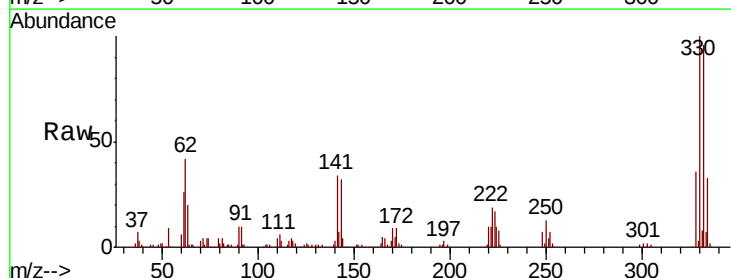
Tgt Ion:330 Resp: 245555

Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

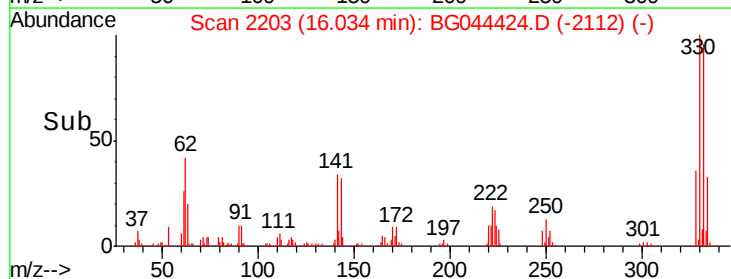
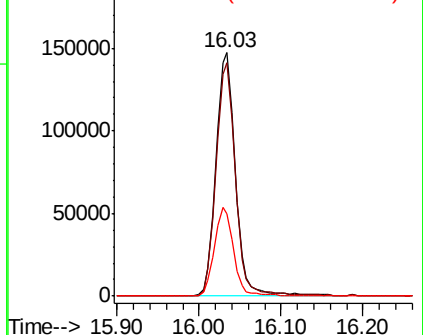
141 35.8 28.3 42.5

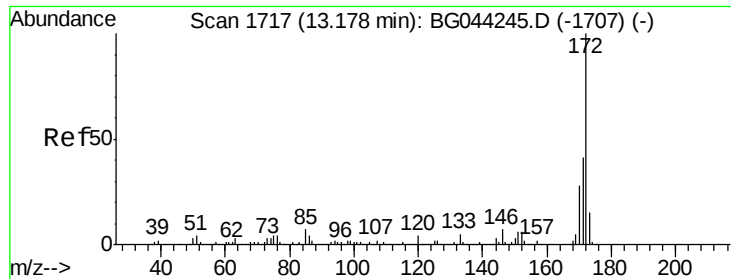


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

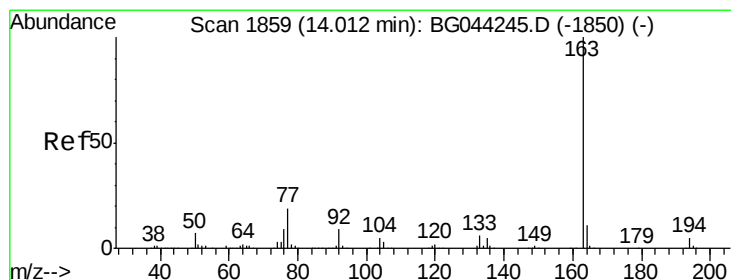
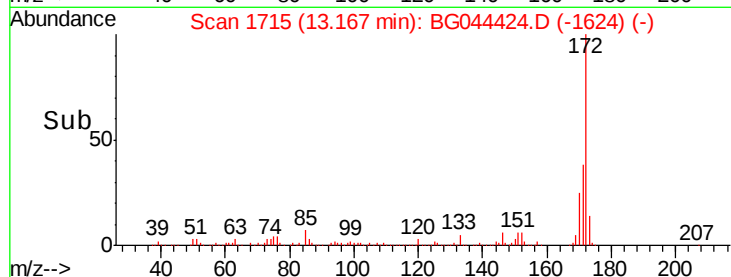
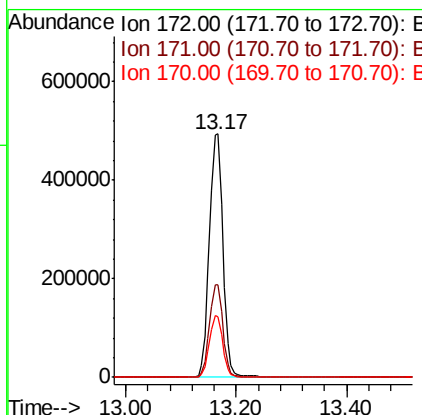
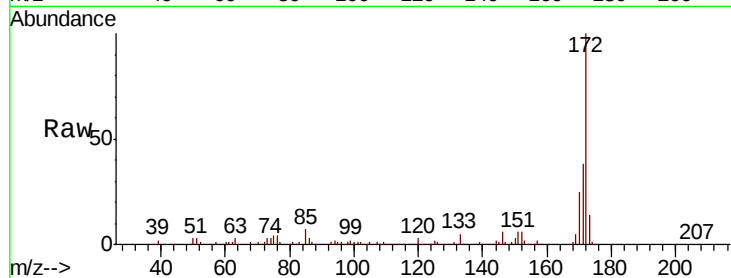




#45
2-Fluorobiphenyl
Concen: 66.146 ng
RT: 13.17 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BG044424.D
Acq: 13 Feb 2020 19:19

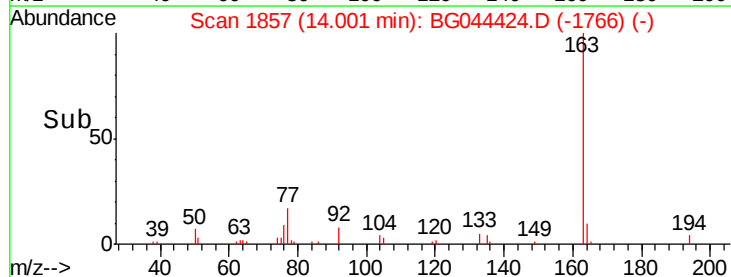
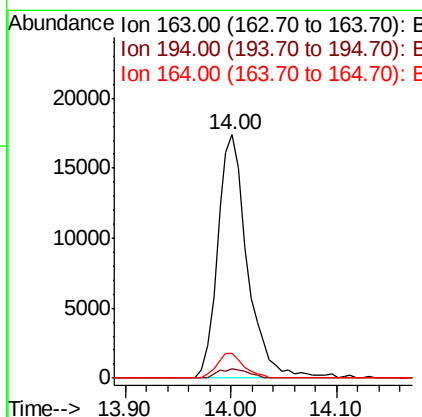
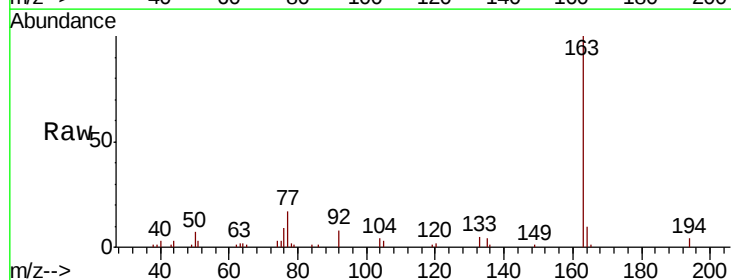
Instrument :
BNA_G
ClientSampleId :

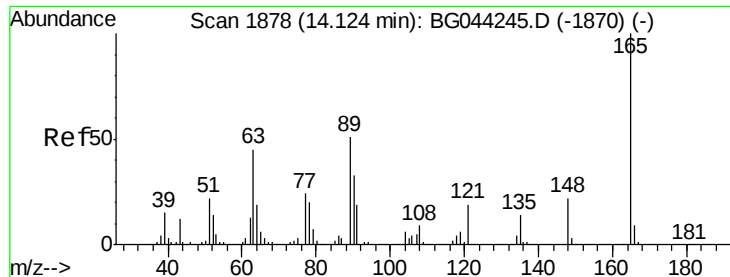
Tot Ion:172 Resp: 839121
Ion Ratio Lower Upper
172 100
171 37.9 32.9 49.3
170 25.1 22.0 33.0



#50
Dimethylphthalate
Concen: 2.231 ng
RT: 14.00 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BG044424.D
Acq: 13 Feb 2020 19:19

Tgt Ion:163 Resp: 34070
Ion Ratio Lower Upper
163 100
194 4.1 3.6 5.4
164 10.4 8.7 13.1

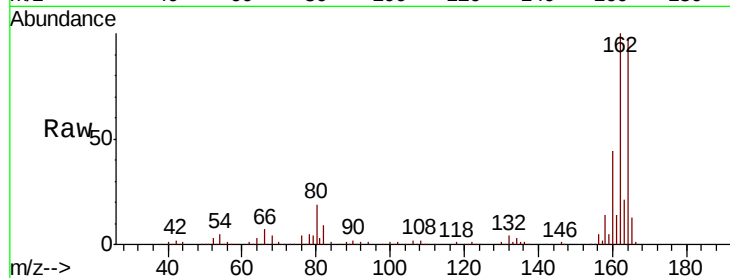




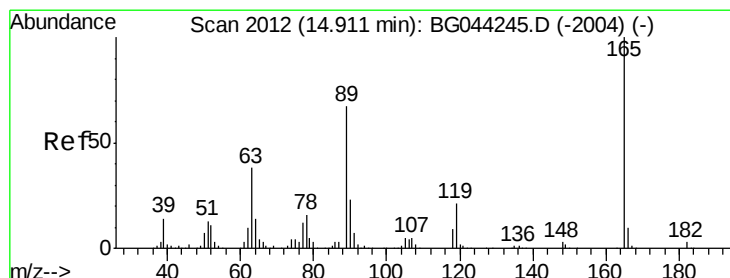
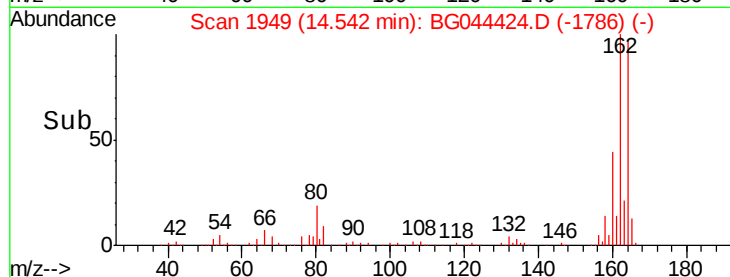
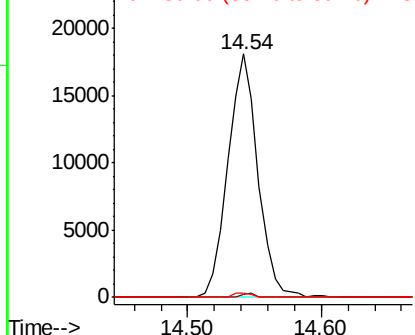
#51
 2,6-Dinitrotoluene
 Concen: 8.301 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. 0.43 min
 Lab File: BG044424.D
 Acq: 13 Feb 2020 19:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	38.7	58.1#
89	1.5	40.4	60.6#

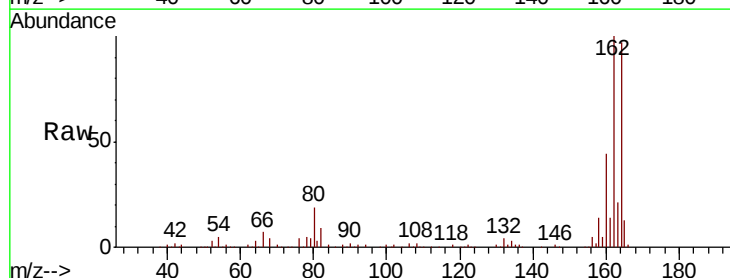


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

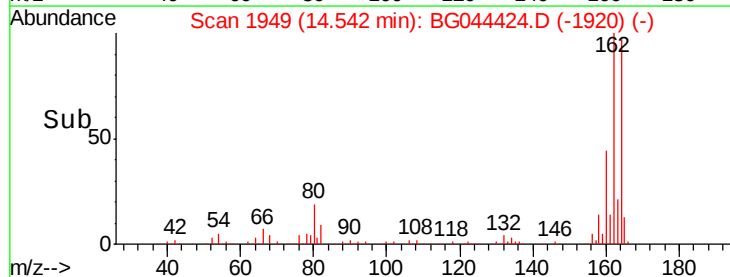
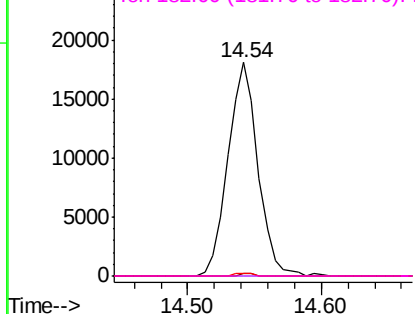


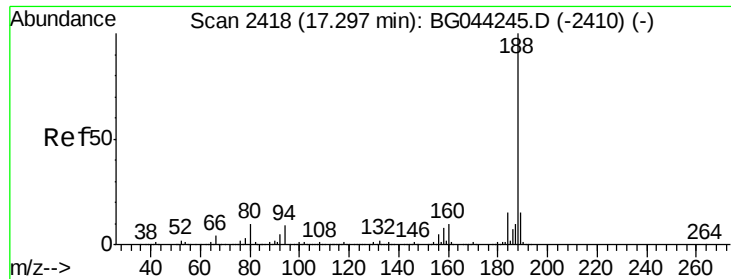
#57
 2,4-Dinitrotoluene
 Concen: 5.922 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. -0.36 min
 Lab File: BG044424.D
 Acq: 13 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	30.3	45.5#
89	1.5	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# 2416

Delta R.T. -0.00 min

Lab File: BG044424.D

Acq: 13 Feb 2020 19:19

Instrument :

BNA_G

ClientSampleId :

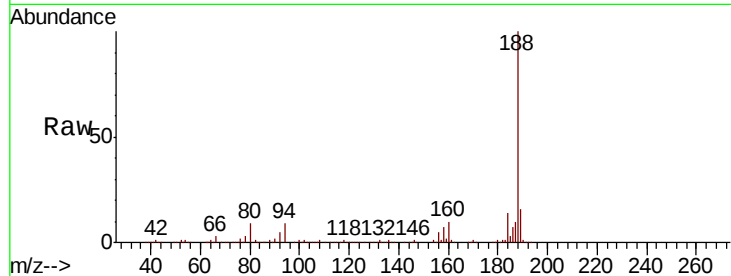
Tot Ion:188 Resp: 495657

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

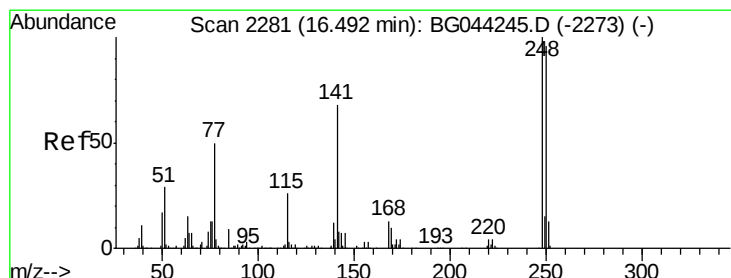
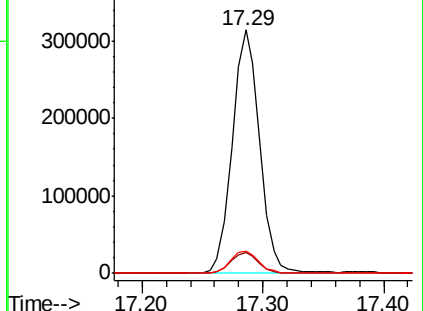
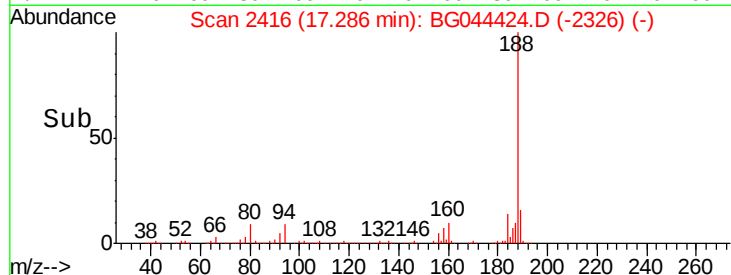
80 9.4 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 3.060 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.44 min

Lab File: BG044424.D

Acq: 13 Feb 2020 19:19

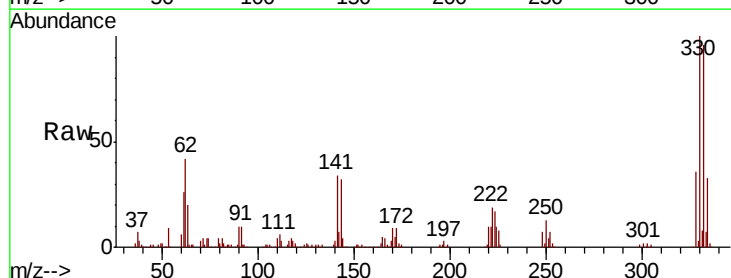
Tgt Ion:248 Resp: 16522

Ion Ratio Lower Upper

248 100

250 191.3 76.6 114.8#

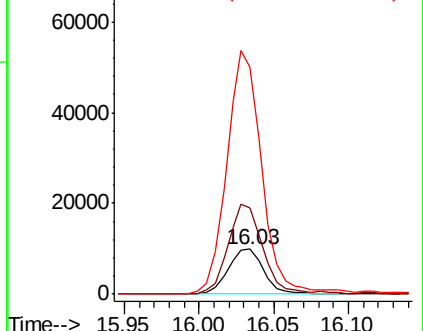
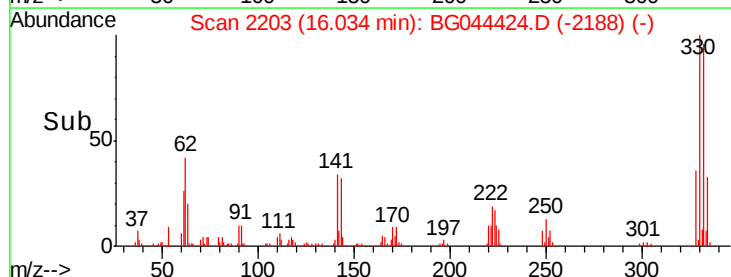
141 505.3 54.7 82.1#



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

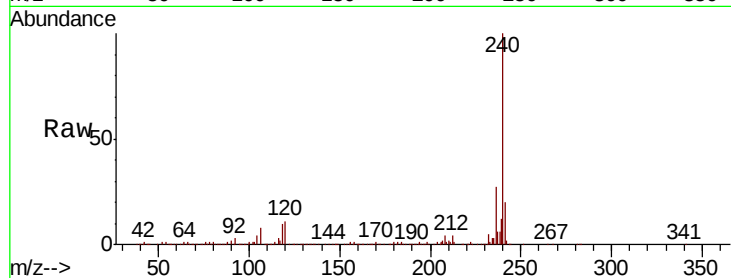




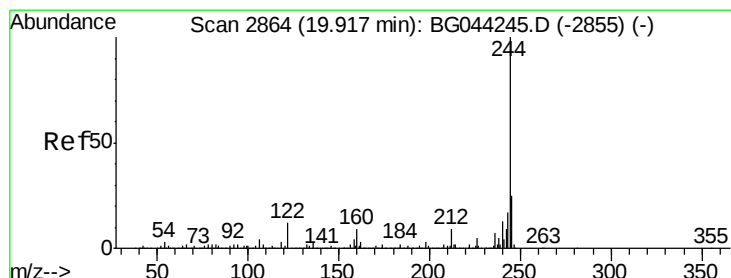
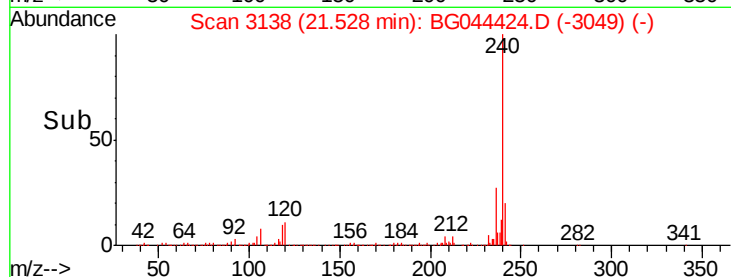
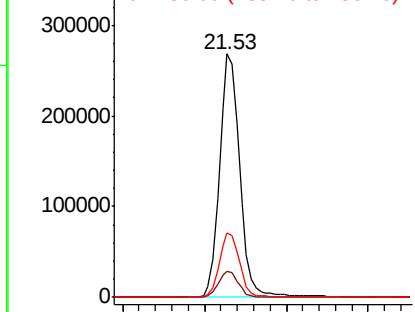
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.53 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG044424.D
 Acq: 13 Feb 2020 19:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:240 Resp: 461777
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.4 12.6
 236 26.6 22.1 33.1

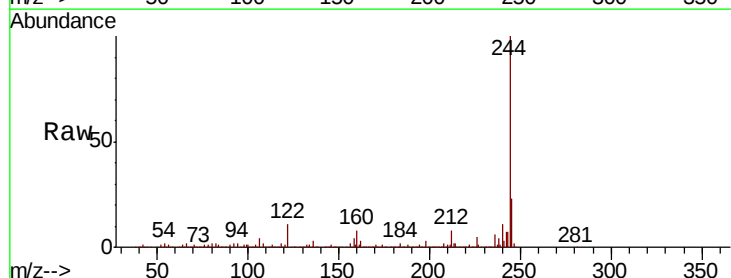


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

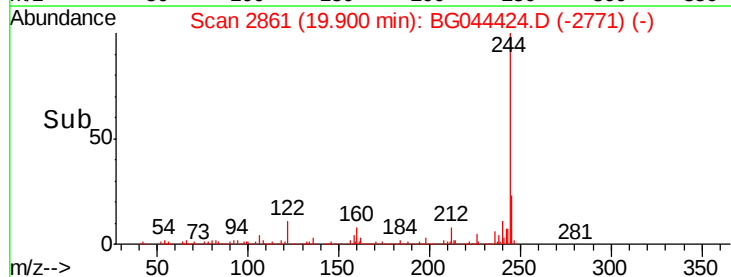
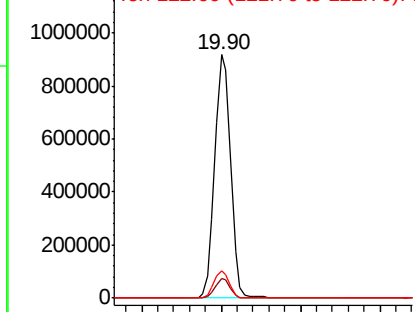


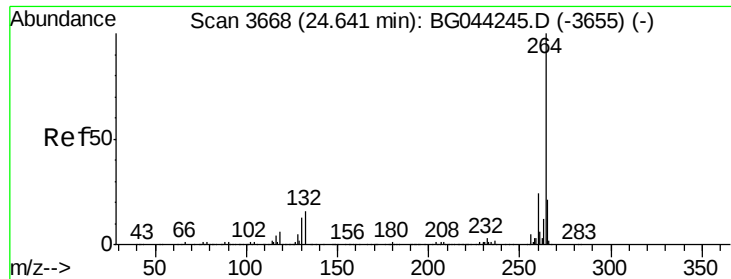
#79
 Terphenyl-d14
 Concen: 56.957 ng
 RT: 19.90 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: BG044424.D
 Acq: 13 Feb 2020 19:19

Tgt Ion:244 Resp: 1278705
 Ion Ratio Lower Upper
 244 100
 212 8.1 7.4 11.2
 122 11.4 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: 24.62 min Scan# 3664
Delta R.T. -0.00 min
Lab File: BG044424.D
Acq: 13 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.5	16.7	25.1

