

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044311.D
 Acq On : 5 Feb 2020 19:25
 Operator : CG/JU
 Sample : L1390-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 06 01:12:04 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

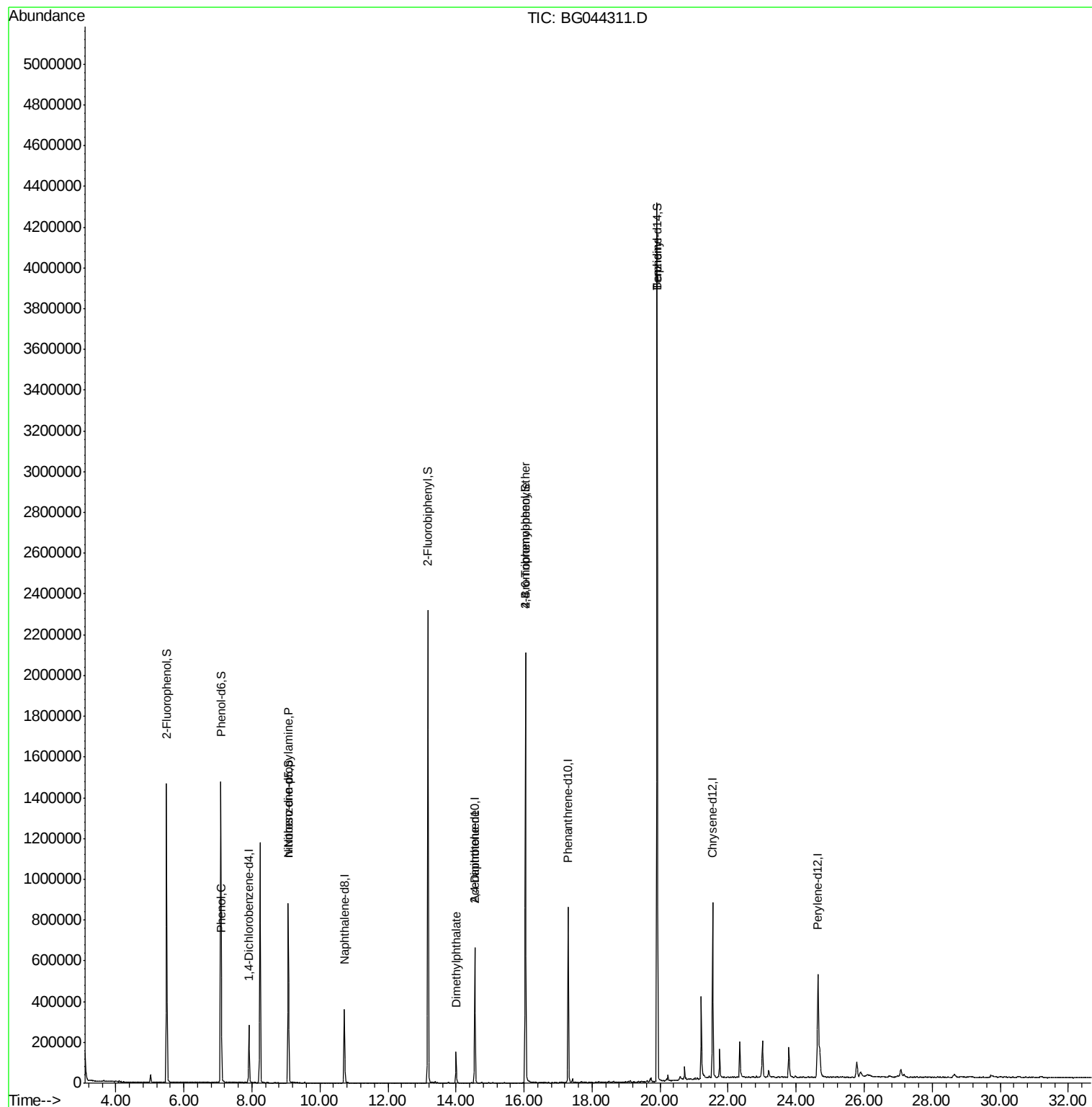
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	83391	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	342208	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	233974	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	549077	20.00	ng	0.00
76) Chrysene-d12	21.54	240	503958	20.00	ng	0.00
87) Perylene-d12	24.64	264	554981	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	706375	149.49	ng	0.00
7) Phenol-d6	7.09	99	944518	148.86	ng	0.00
23) Nitrobenzene-d5	9.07	82	571059	94.21	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	414308	150.84	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1271811	91.02	ng	0.00
79) Terphenyl-d14	19.91	244	2077679	84.80	ng	0.00
Target Compounds						
10) Phenol	7.11	94	20280	3.230	ng	# 74
19) n-Nitroso-di-n-propylamine	9.07	70	73329	17.341	ng	# 75
50) Dimethylphthalate	14.00	163	113926	6.774	ng	# 97
57) 2,4-Dinitrotoluene	14.55	165	30406	5.785	ng	# 27
67) 4-Bromophenyl-phenylether	16.04	248	29222	4.885	ng	# 1
77) Benzidine	19.91	184	34742	2.485	ng	# 90

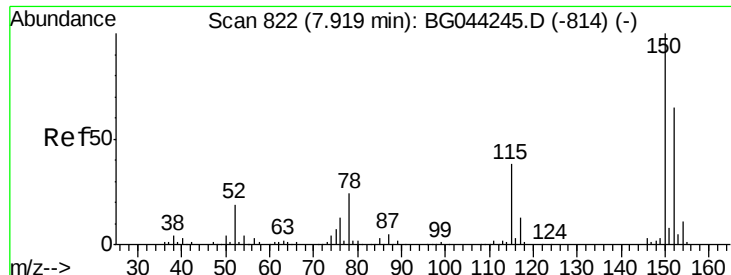
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
Data File : BG044311.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 06 01:12:04 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



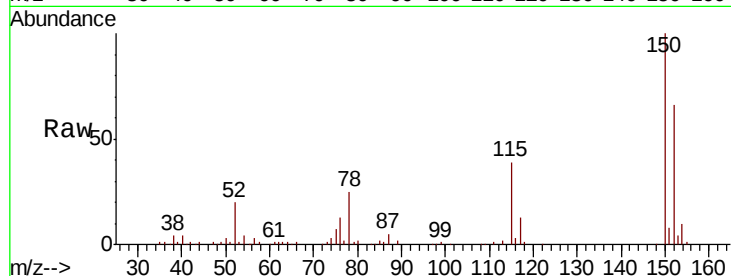


#1

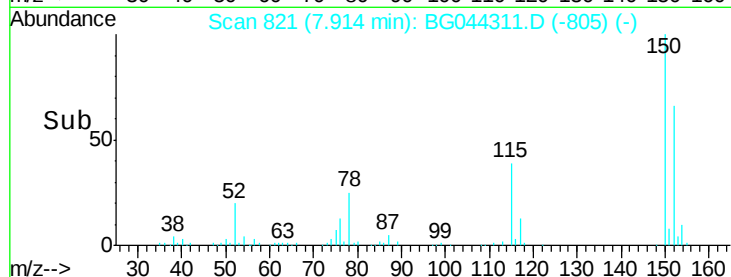
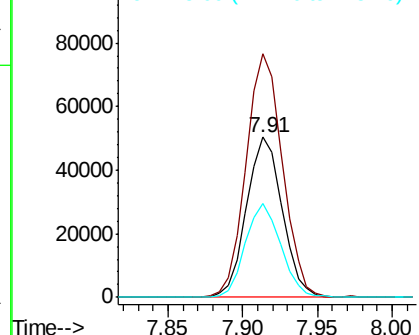
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044311.D
Acq: 5 Feb 2020 19:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 83391
Ion Ratio Lower Upper
152 100
150 152.3 122.6 183.8
115 58.7 46.0 69.0



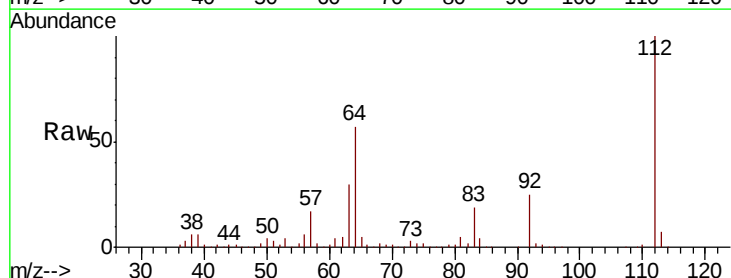
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



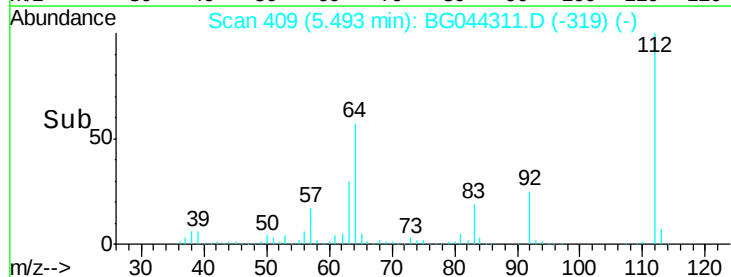
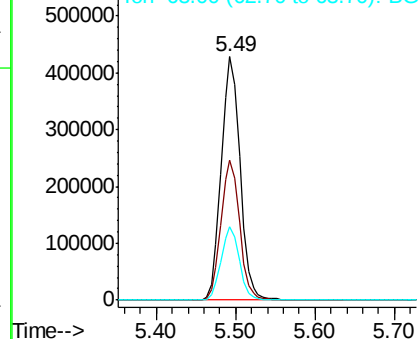
#5

2-Fluorophenol
Concen: 149.493 ng
RT: 5.49 min Scan# 409
Delta R.T. 0.00 min
Lab File: BG044311.D
Acq: 5 Feb 2020 19:25

Tgt Ion:112 Resp: 706375
Ion Ratio Lower Upper
112 100
64 57.3 45.4 68.2
63 30.0 22.9 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: 148.857 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044311.D

Acq: 5 Feb 2020 19:25

Instrument :

BNA_G

ClientSampleId :

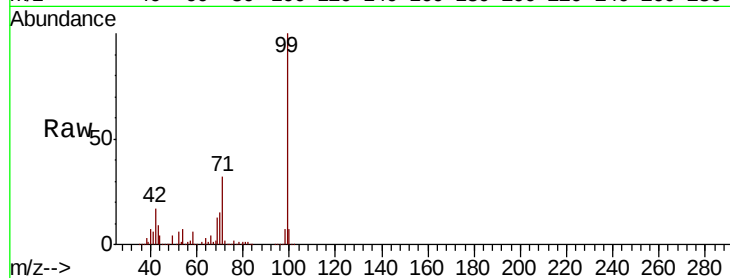
Tot Ion: 99 Resp: 944518

Ion Ratio Lower Upper

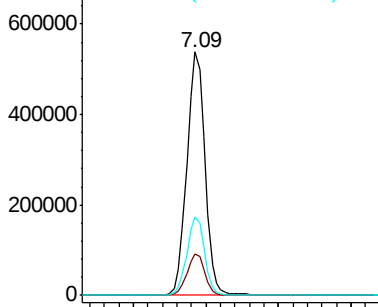
99 100

42 17.1 13.8 20.6

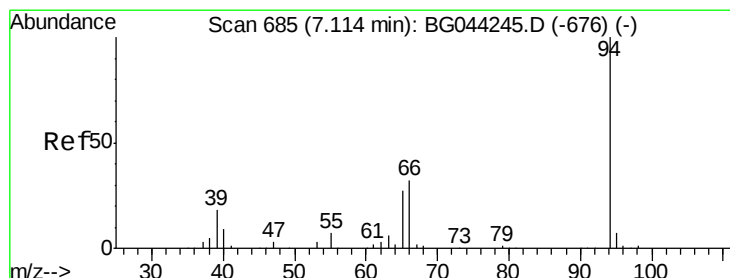
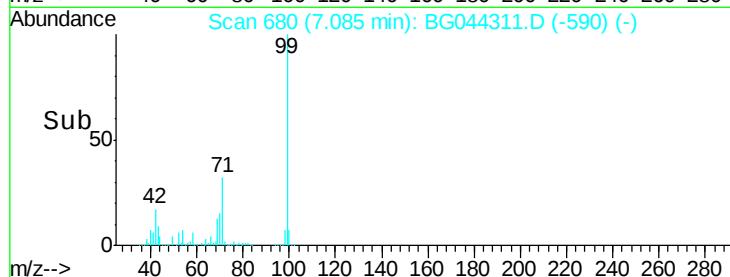
71 32.3 25.5 38.3



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



Time-->



#10

Phenol

Concen: 3.230 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG044311.D

Acq: 5 Feb 2020 19:25

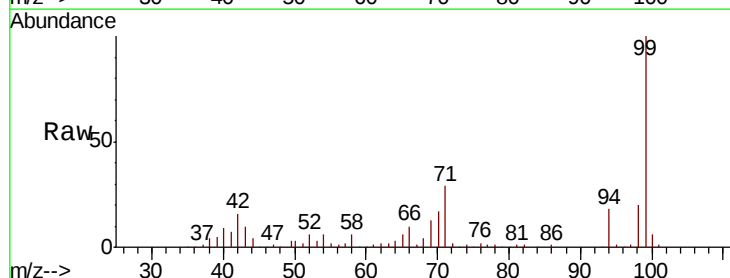
Tgt Ion: 94 Resp: 20280

Ion Ratio Lower Upper

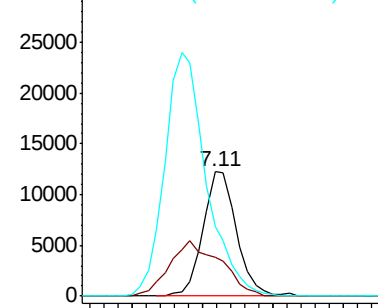
94 100

65 31.2 7.0 47.0

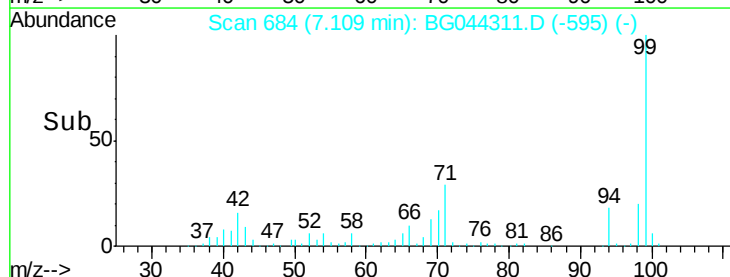
66 56.0 12.7 52.7#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



Time-->

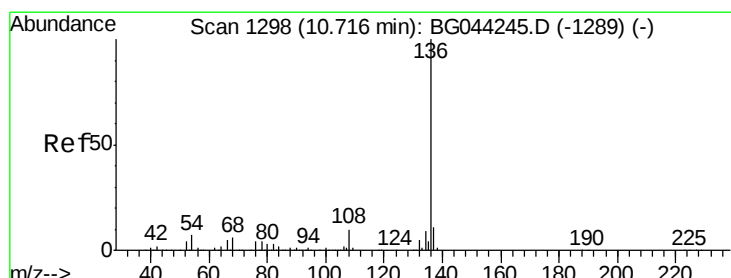
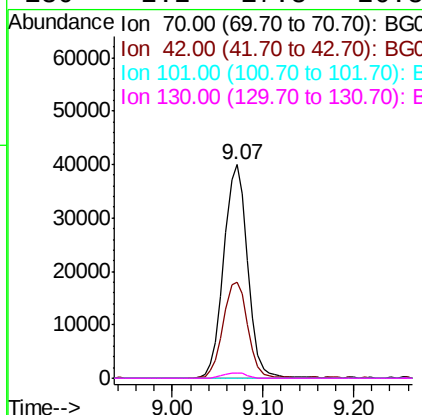
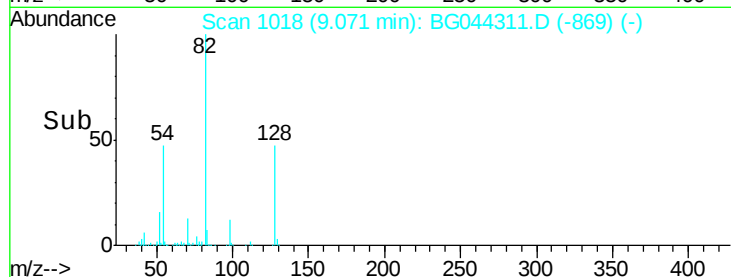
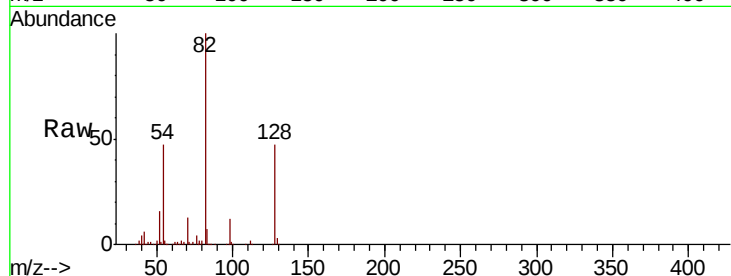




#19
n-Nitroso-di-n-propylamine
Concen: 17.341 ng
RT: 9.07 min Scan# 1018
Delta R.T. 0.35 min
Lab File: BG044311.D
Acq: 5 Feb 2020 19:25

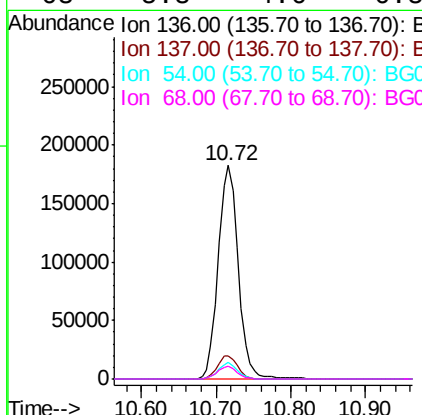
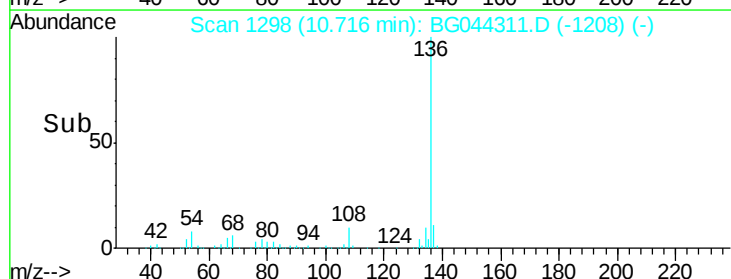
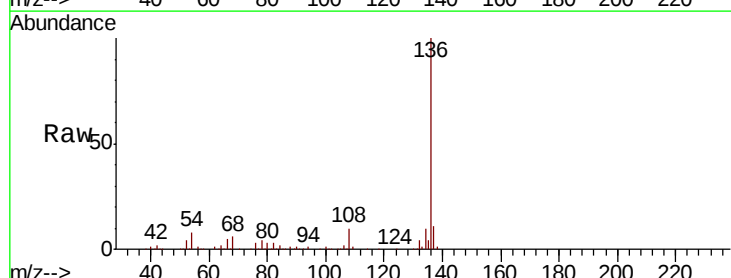
Instrument :
BNA_G
ClientSampleId :

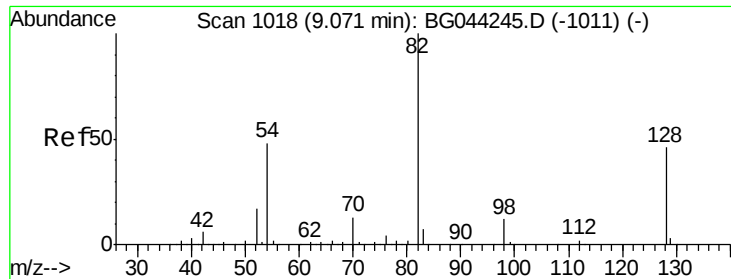
Tot Ion: 70 Resp: 73329
Ion Ratio Lower Upper
70 100
42 44.7 46.2 69.2#
101 0.0 8.4 12.6#
130 2.2 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG044311.D
Acq: 5 Feb 2020 19:25

Tgt Ion: 136 Resp: 342208
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.6 5.8 8.8
68 5.8 4.6 6.8

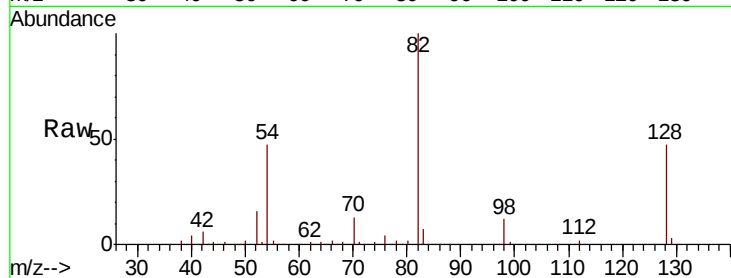




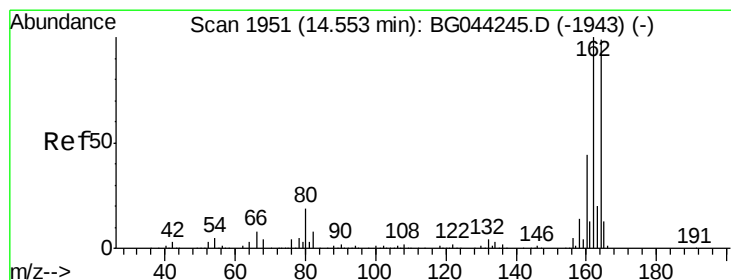
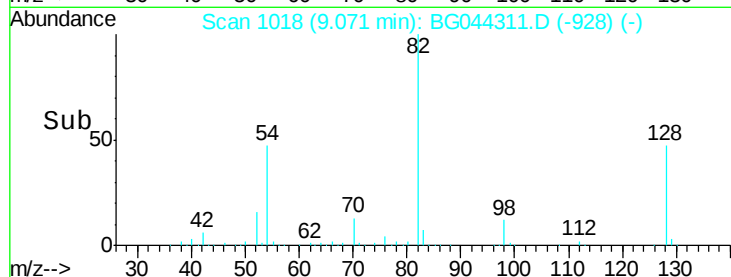
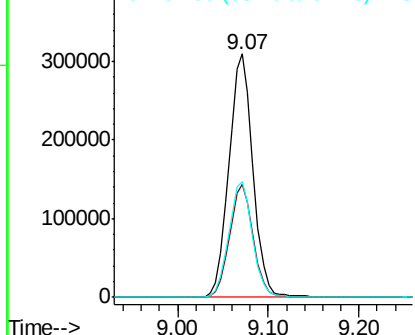
#23
Nitrobenzene-d5
Concen: 94.211 ng
RT: 9.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BG044311.D
Acq: 5 Feb 2020 19:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	571059
Ion Ratio	100	Lower	Upper
128	46.5	36.5	54.7
54	47.4	38.6	58.0

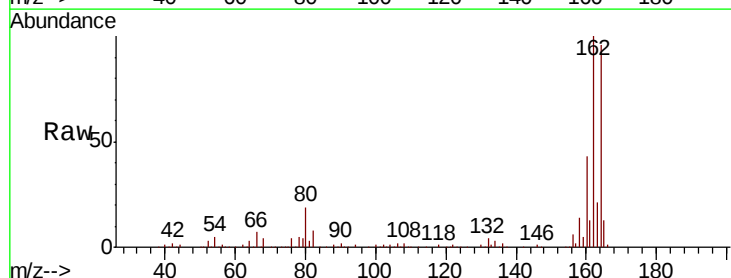


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

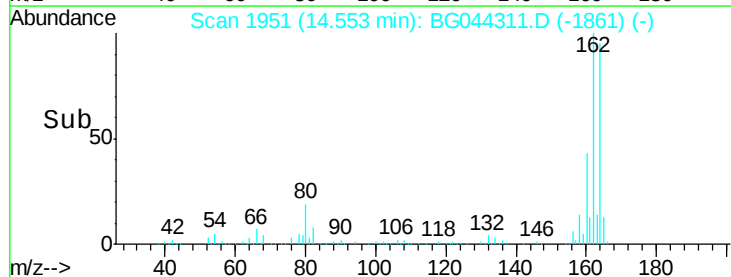
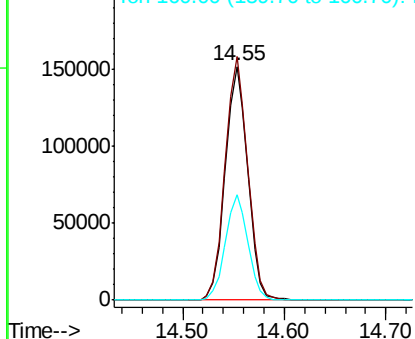


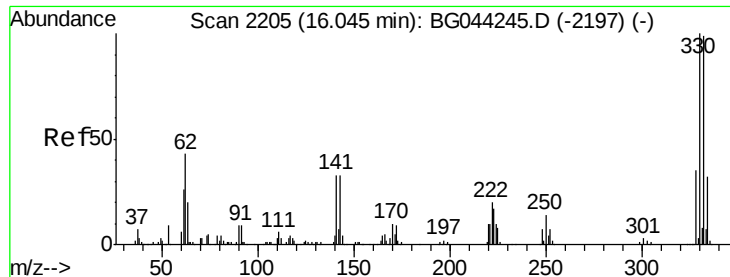
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG044311.D
Acq: 5 Feb 2020 19:25

Tgt Ion	164	Resp	233974
Ion Ratio	100	Lower	Upper
162	104.1	80.7	121.1
160	44.9	35.3	52.9



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

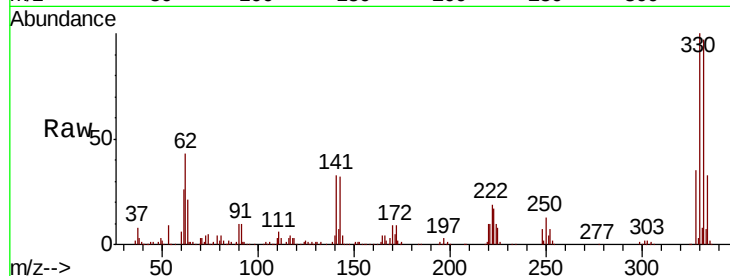




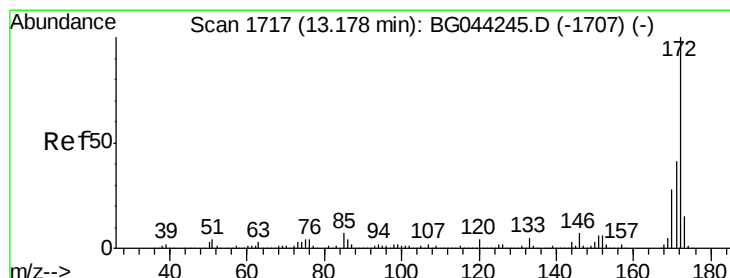
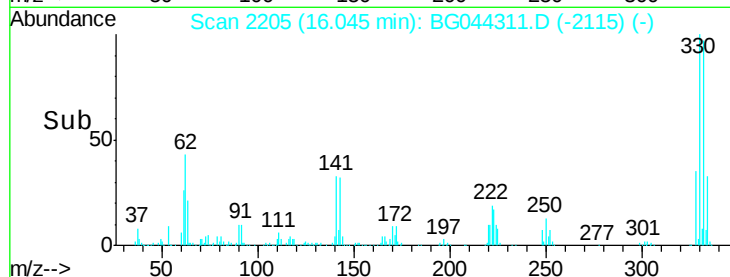
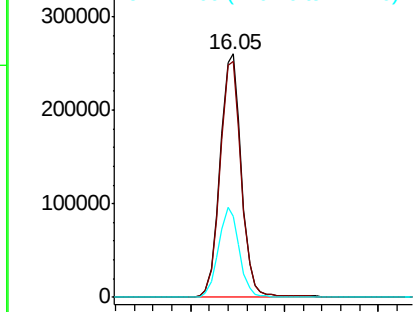
#42
 2,4,6-Tribromophenol
 Concen: 150.837 ng
 RT: 16.05 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: BG044311.D
 Acq: 5 Feb 2020 19:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 414308
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.2 115.8
 141 36.1 28.3 42.5

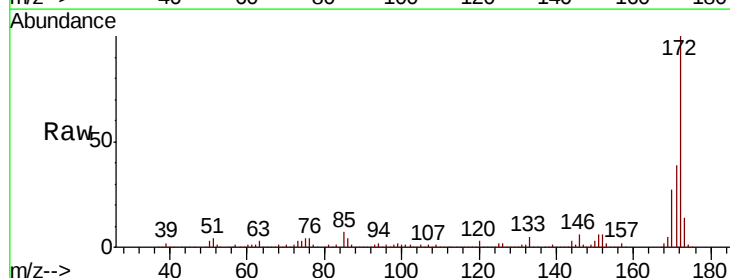


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

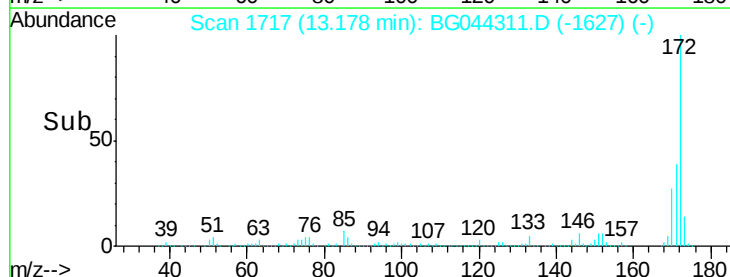
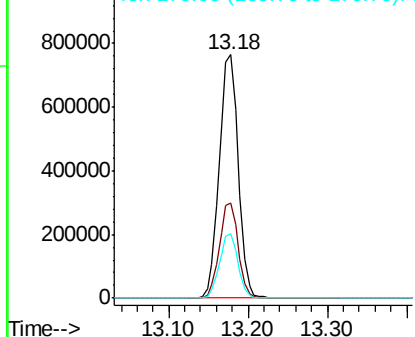


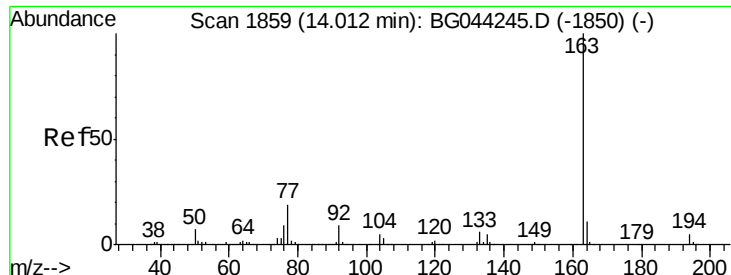
#45
 2-Fluorobiphenyl
 Concen: 91.024 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG044311.D
 Acq: 5 Feb 2020 19:25

Tgt Ion:172 Resp: 1271811
 Ion Ratio Lower Upper
 172 100
 171 39.1 32.9 49.3
 170 26.6 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: 6.774 ng

RT: 14.00 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG044311.D

Acq: 5 Feb 2020 19:25

Instrument :

BNA_G

ClientSampleId :

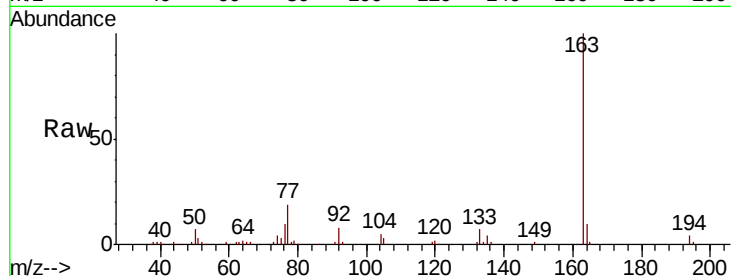
Tot Ion:163 Resp: 113926

Ion Ratio Lower Upper

163 100

194 3.5 3.6 5.4#

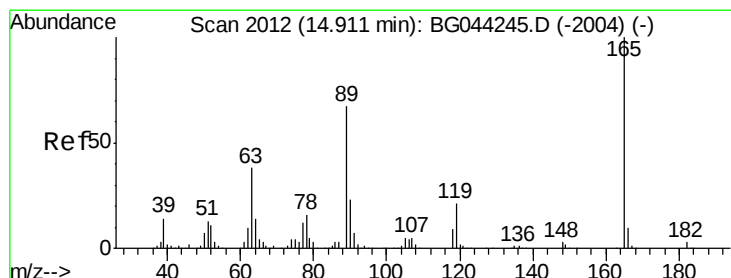
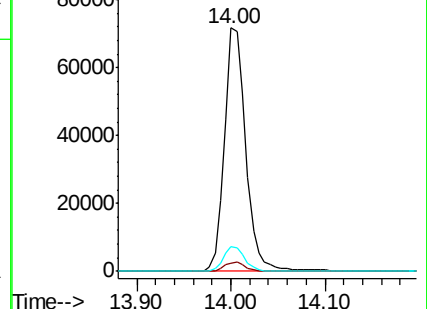
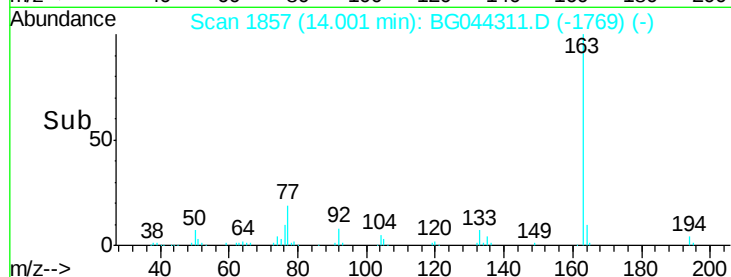
164 9.9 8.7 13.1



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



#57

2,4-Dinitrotoluene

Concen: 5.785 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.36 min

Lab File: BG044311.D

Acq: 5 Feb 2020 19:25

Tgt Ion:165 Resp: 30406

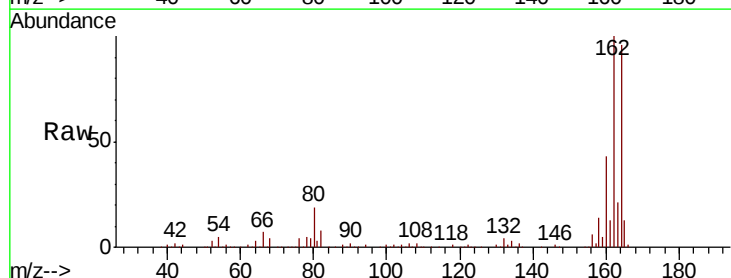
Ion Ratio Lower Upper

165 100

63 1.3 30.3 45.5#

89 1.4 53.4 80.2#

182 0.0 2.1 3.1#

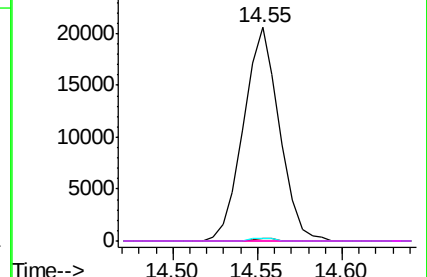
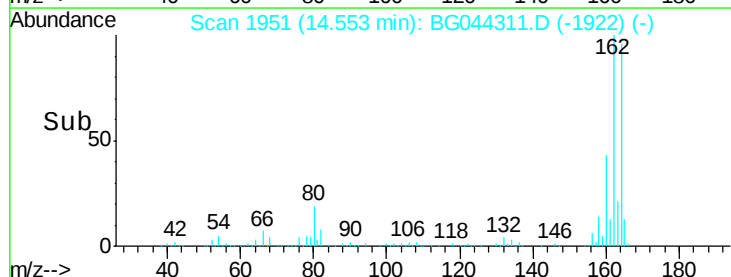


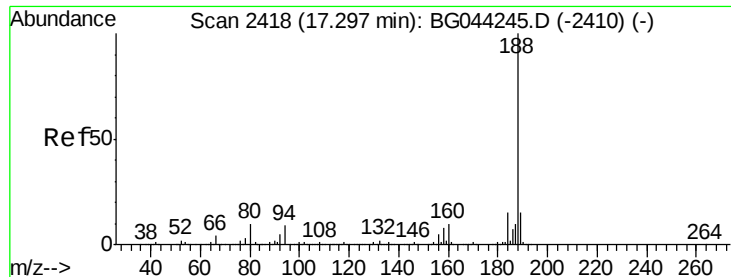
Abundance Ion 165.00 (164.70 to 165.70): E

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

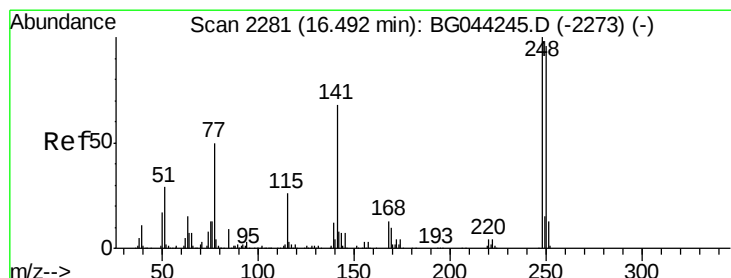
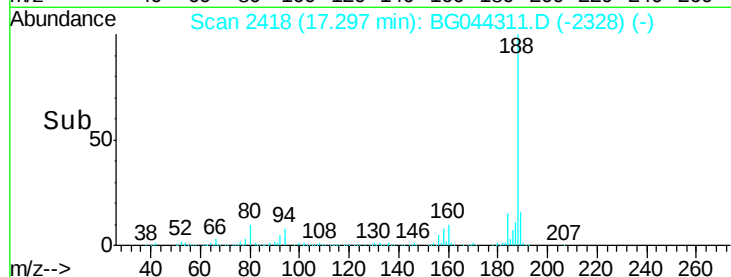
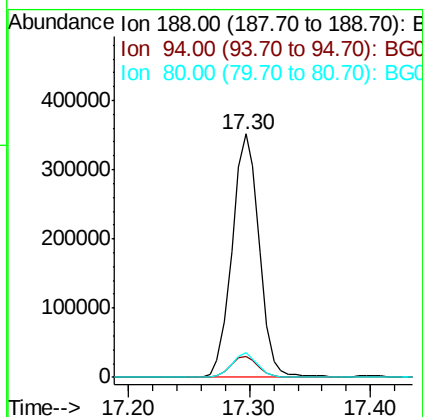
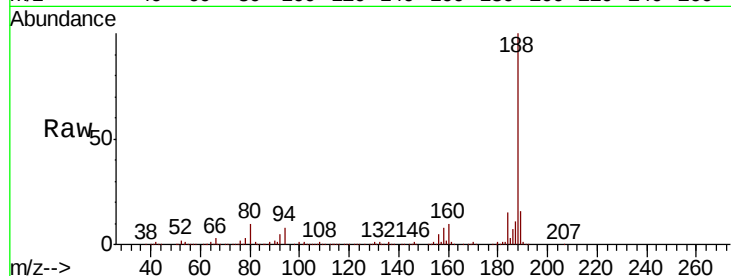




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BG044311.D
Acq: 5 Feb 2020 19:25

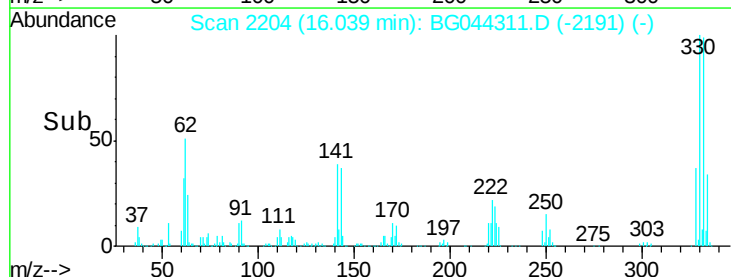
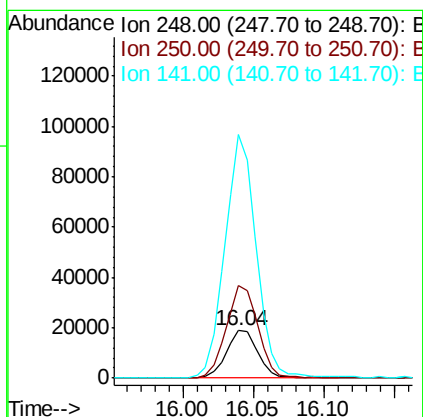
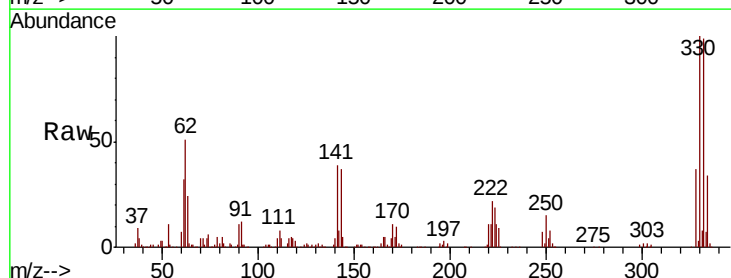
Instrument :
BNA_G
ClientSampleId :

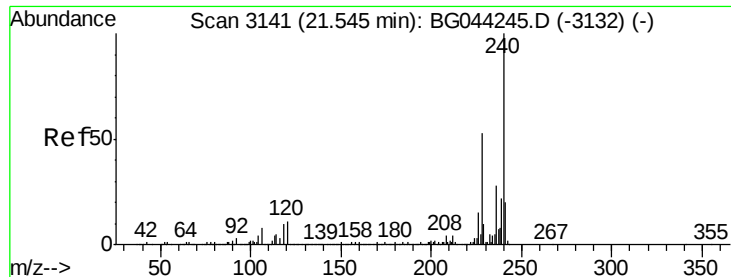
Tot Ion:188 Resp: 549077
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 10.2 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 4.885 ng
RT: 16.04 min Scan# 2204
Delta R.T. -0.45 min
Lab File: BG044311.D
Acq: 5 Feb 2020 19:25

Tgt Ion:248 Resp: 29222
Ion Ratio Lower Upper
248 100
250 195.2 76.6 114.8#
141 515.5 54.7 82.1#

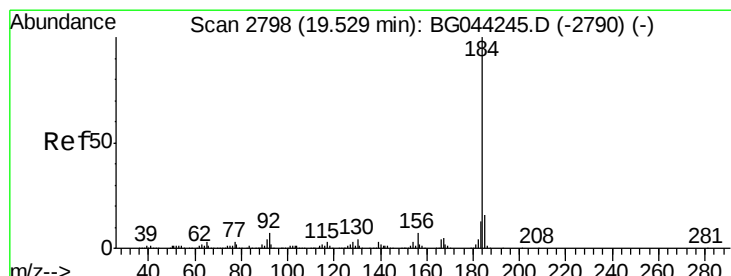
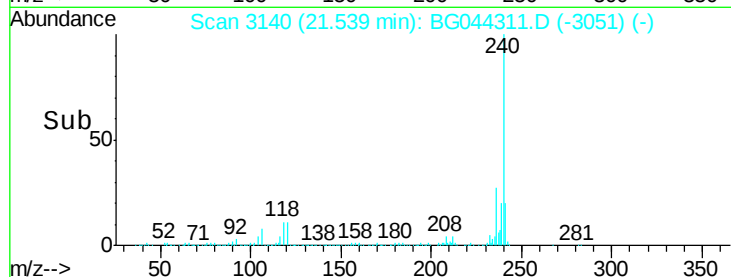
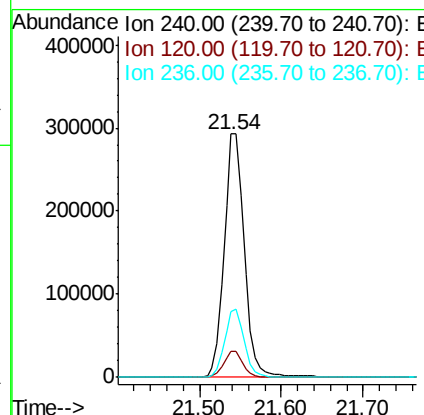
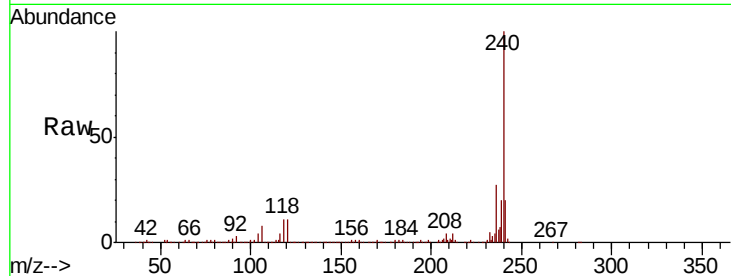




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG044311.D
 Acq: 5 Feb 2020 19:25

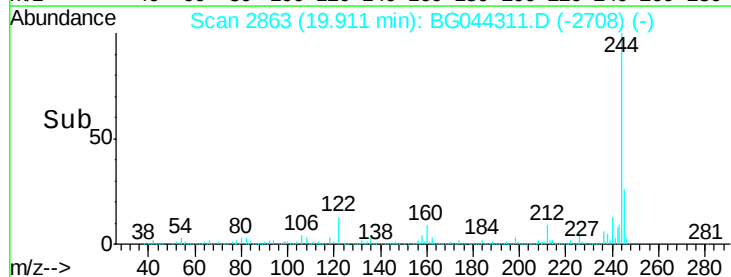
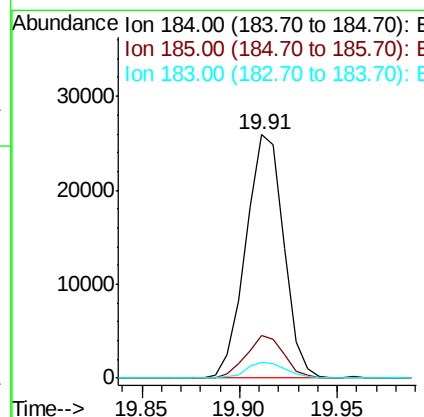
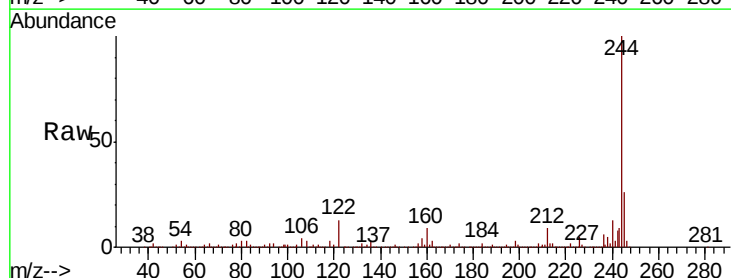
Instrument :
 BNA_G
 ClientSampleId :

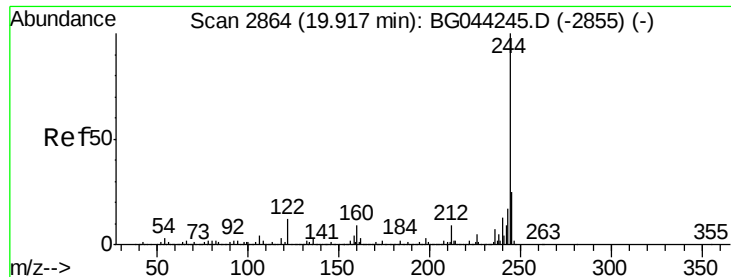
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.4	12.6
236	27.1	22.1	33.1



#77
 Benzidine
 Concen: 2.485 ng
 RT: 19.91 min Scan# 2863
 Delta R.T. 0.38 min
 Lab File: BG044311.D
 Acq: 5 Feb 2020 19:25

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.6	12.9	19.3
183	6.2	10.8	16.2#





#79

Terphenyl-d14

Concen: 84.799 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG044311.D

Acq: 5 Feb 2020 19:25

Instrument :

BNA_G

ClientSampleId :

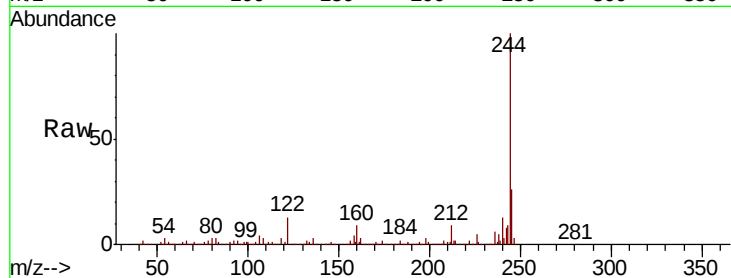
Tot Ion:244 Resp: 2077679

Ion Ratio Lower Upper

244 100

212 9.4 7.4 11.2

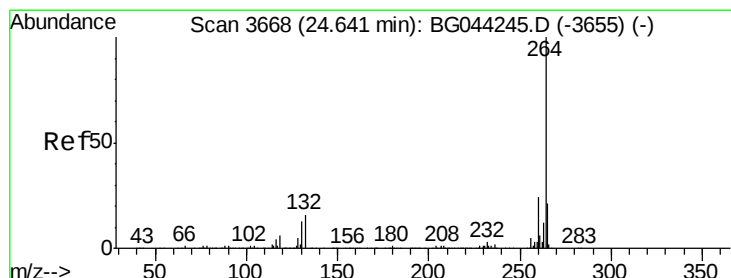
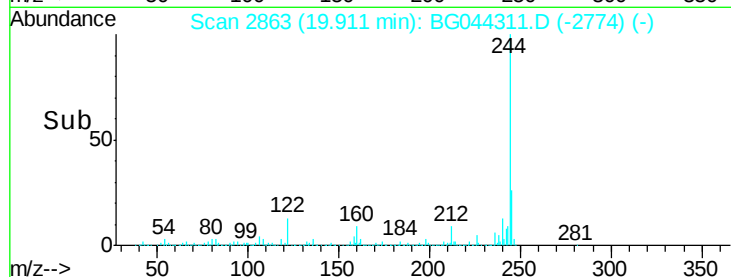
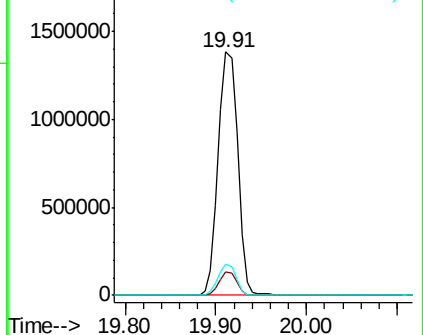
122 12.9 9.8 14.6



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: 24.64 min Scan# 3668

Delta R.T. 0.00 min

Lab File: BG044311.D

Acq: 5 Feb 2020 19:25

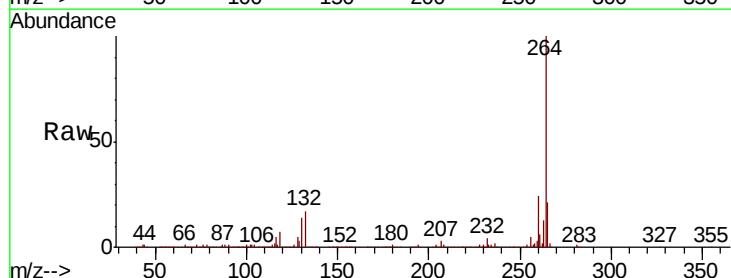
Tgt Ion:264 Resp: 554981

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.0 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

