

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
 Data File : BG044672.D
 Acq On : 3 Mar 2020 21:31
 Operator : CG/JU
 Sample : L1762-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 04 03:47:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

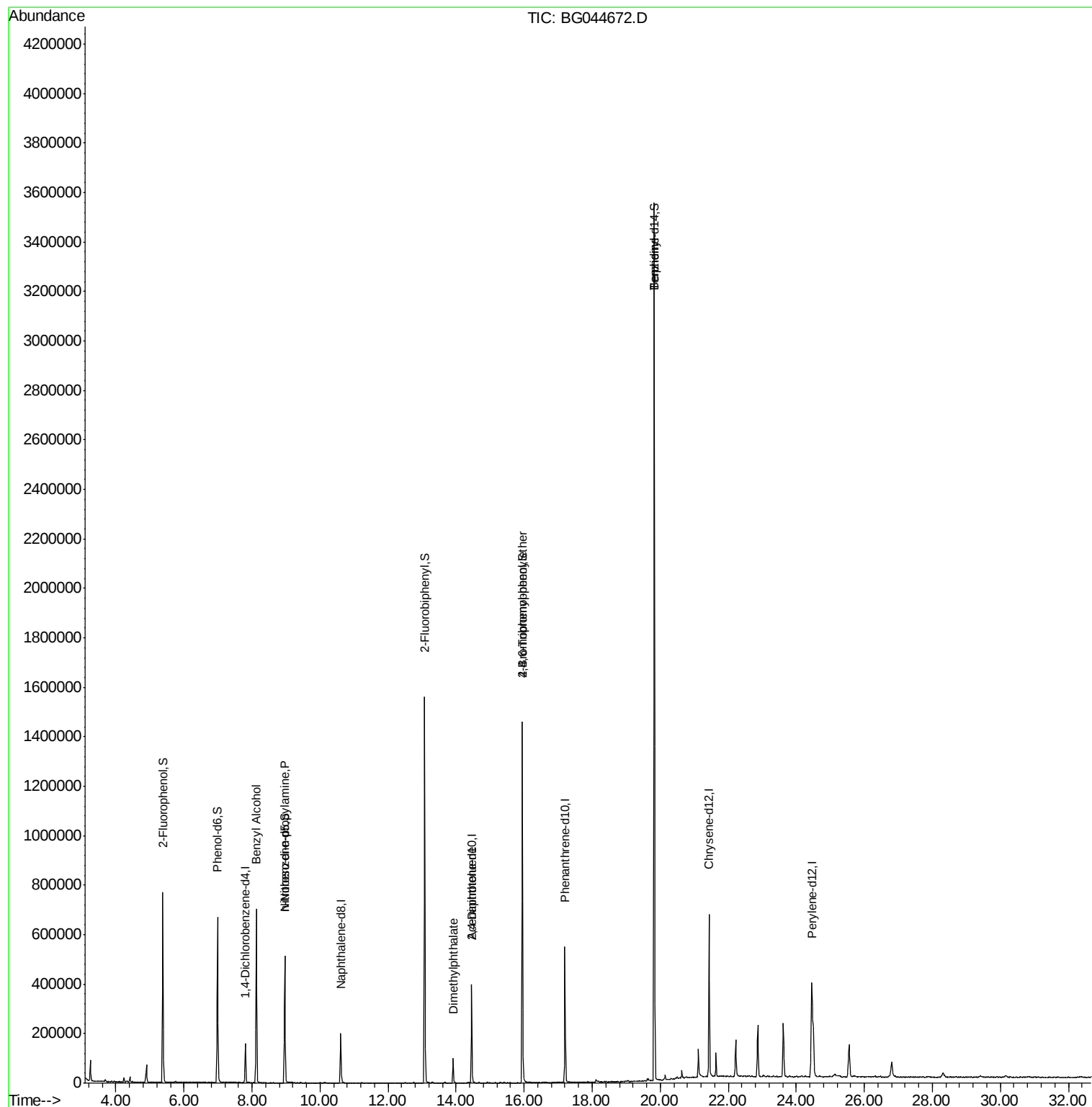
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	43265	20.00	ng	-0.07
21) Naphthalene-d8	10.61	136	195401	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	140796	20.00	ng	-0.06
64) Phenanthrene-d10	17.21	188	367754	20.00	ng	-0.06
76) Chrysene-d12	21.44	240	365864	20.00	ng	-0.07
87) Perylene-d12	24.46	264	409767	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	375225	139.15	ng	-0.07
7) Phenol-d6	6.98	99	435465	117.98	ng	-0.07
23) Nitrobenzene-d5	8.96	82	333895	88.03	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	301774	151.16	ng	-0.06
45) 2-Fluorobiphenyl	13.08	172	842699	85.71	ng	-0.06
79) Terphenyl-d14	19.83	244	1692984	87.60	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	8.13	79	5263	2.114	ng	# 47
19) n-Nitroso-di-n-propylamine	8.96	70	42205	17.789	ng	# 76
50) Dimethylphthalate	13.91	163	76752	6.754	ng	# 96
57) 2,4-Dinitrotoluene	14.46	165	18422	5.228	ng	# 31
67) 4-Bromophenyl-phenylether	15.95	248	20883	4.575	ng	# 1
77) Benzidine	19.83	184	25838	2.062	ng	# 93

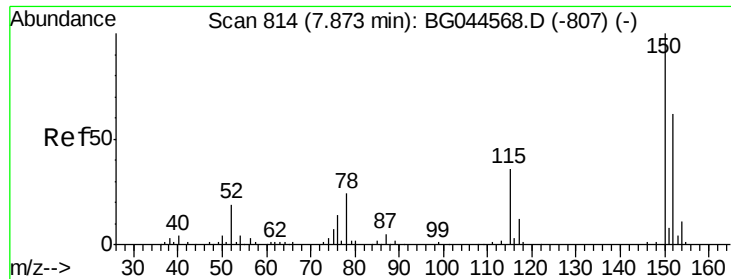
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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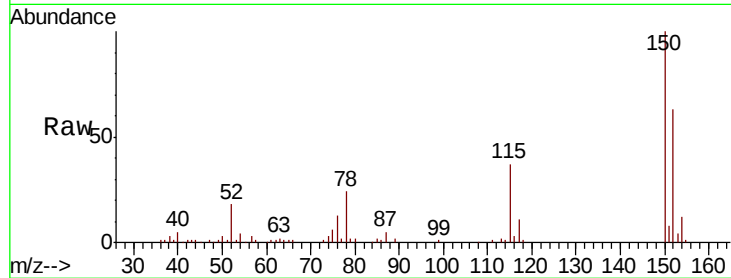




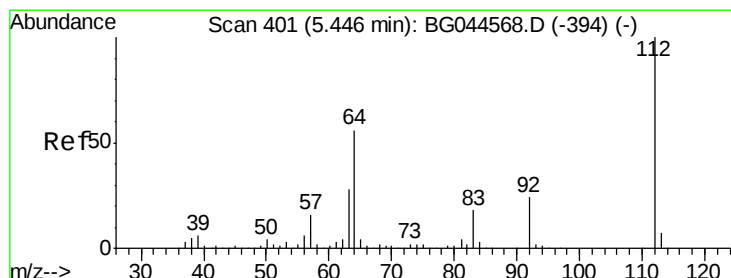
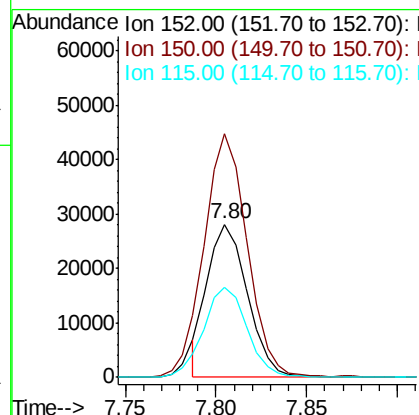
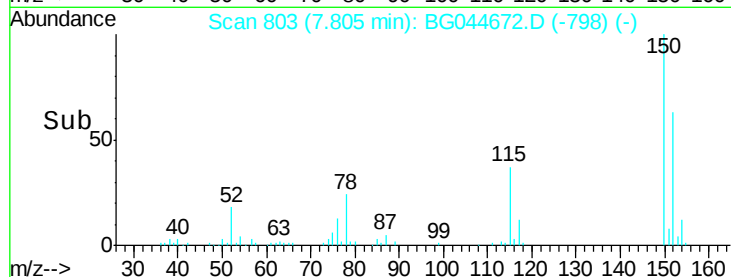
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.80 min Scan# 803
 Delta R.T. -0.07 min
 Lab File: BG044672.D
 Acq: 3 Mar 2020 21:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:152 Resp: 43265
 Ion Ratio Lower Upper
 152 100
 150 159.0 128.9 193.3
 115 59.1 47.0 70.4

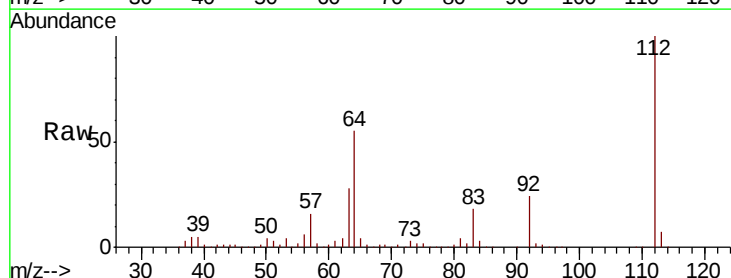


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

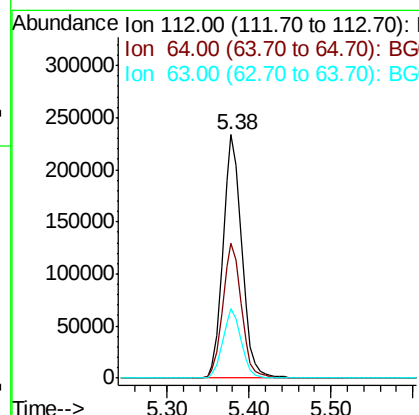
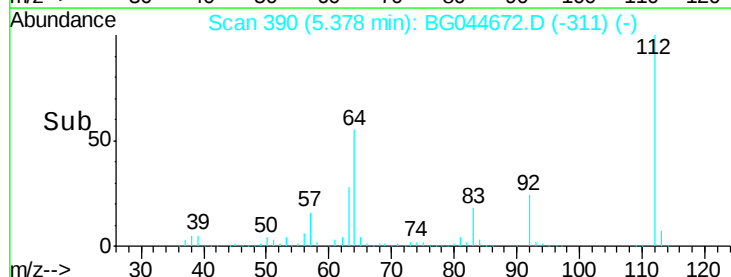


#5
 2-Fluorophenol
 Concen: 139.151 ng
 RT: 5.38 min Scan# 390
 Delta R.T. -0.07 min
 Lab File: BG044672.D
 Acq: 3 Mar 2020 21:31

Tgt Ion:112 Resp: 375225
 Ion Ratio Lower Upper
 112 100
 64 55.2 44.8 67.2
 63 28.4 22.3 33.5



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: 117.979 ng

RT: 6.98 min Scan# 663

Delta R.T. -0.07 min

Lab File: BG044672.D

Acq: 3 Mar 2020 21:31

Instrument :

BNA_G

ClientSampleId :

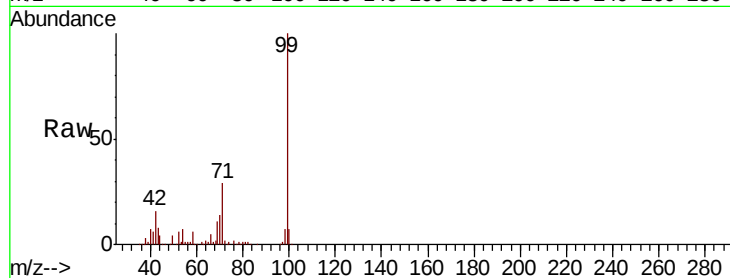
Tot Ion: 99 Resp: 435465

Ion Ratio Lower Upper

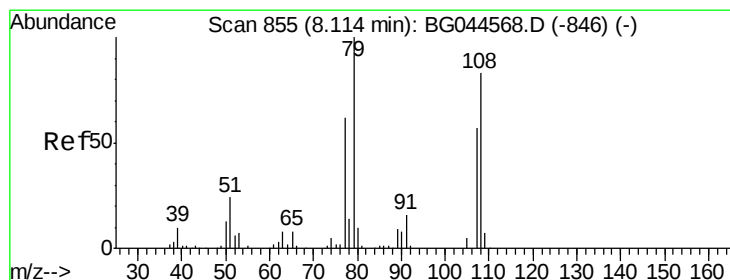
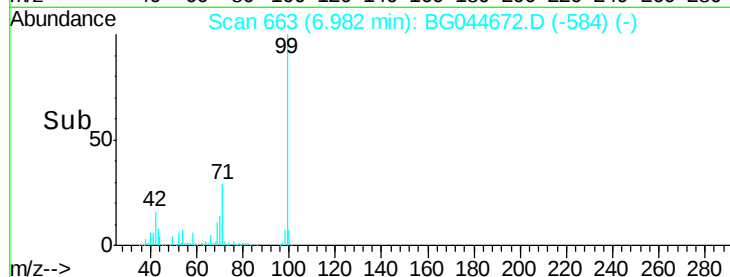
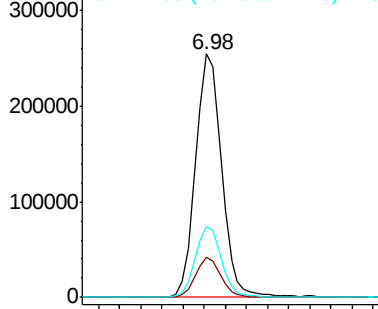
99 100

42 16.3 12.8 19.2

71 29.1 24.4 36.6



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



#15

Benzyl Alcohol

Concen: 2.114 ng

RT: 8.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BG044672.D

Acq: 3 Mar 2020 21:31

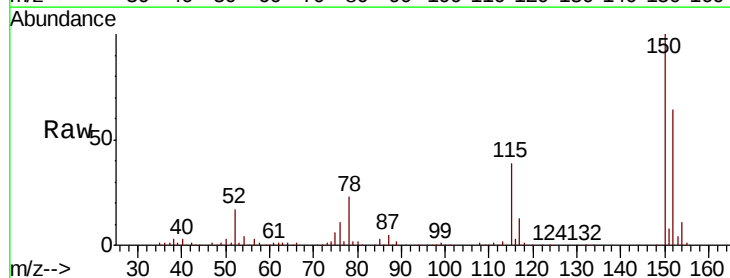
Tgt Ion: 79 Resp: 5263

Ion Ratio Lower Upper

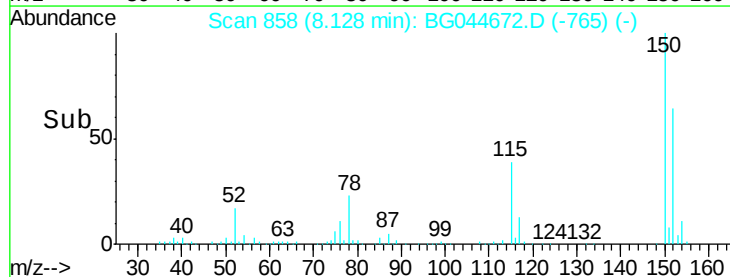
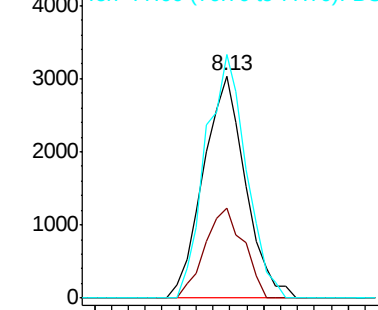
79 100

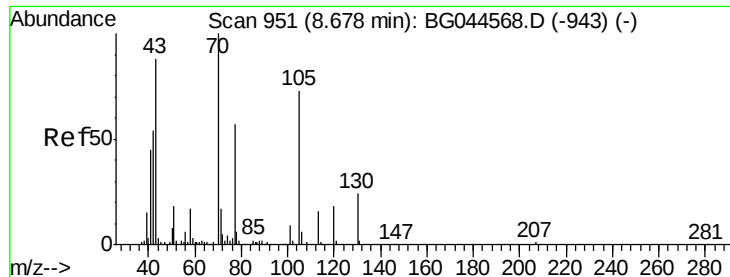
108 40.3 66.0 99.0#

77 109.5 49.6 74.4#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

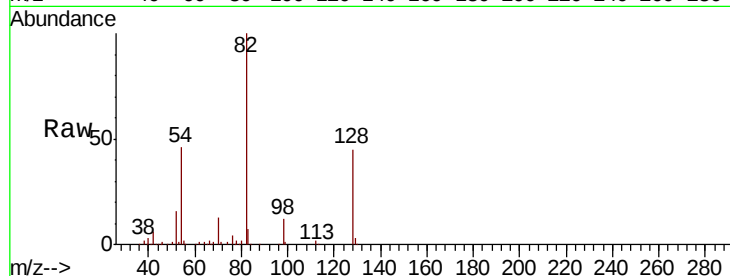




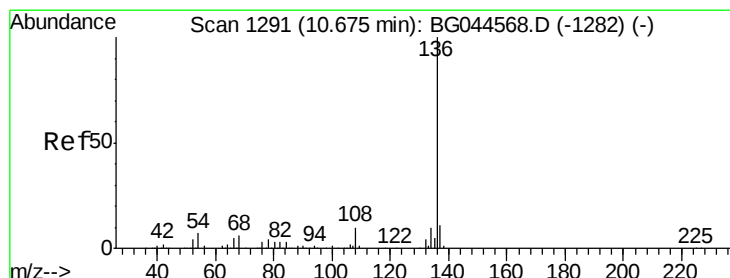
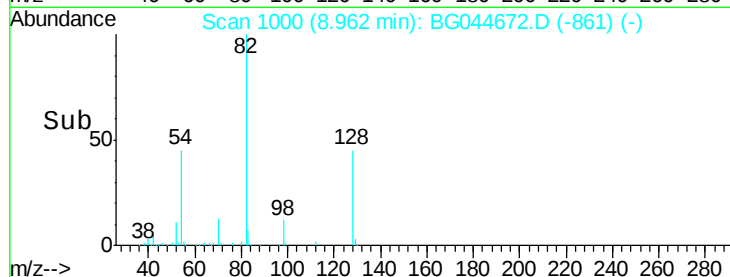
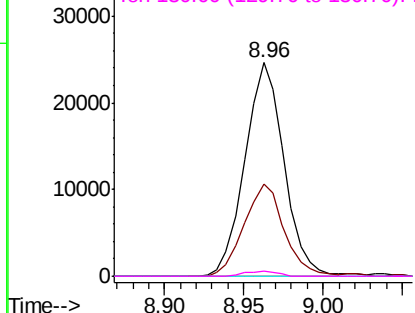
#19
n-Nitroso-di-n-propylamine
Concen: 17.789 ng
RT: 8.96 min Scan# 1000
Delta R.T. 0.28 min
Lab File: BG044672.D
Acq: 3 Mar 2020 21:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 42205
Ion Ratio Lower Upper
70 100
42 43.2 43.4 65.0#
101 0.0 7.5 11.3#
130 2.4 18.9 28.3#



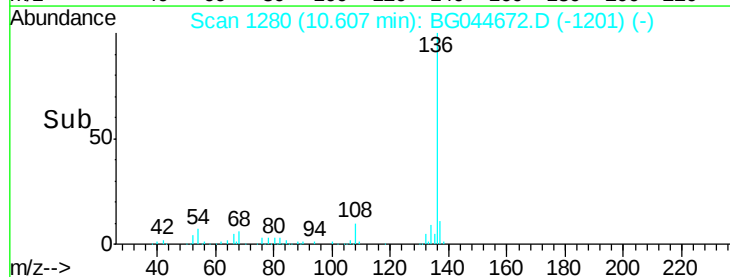
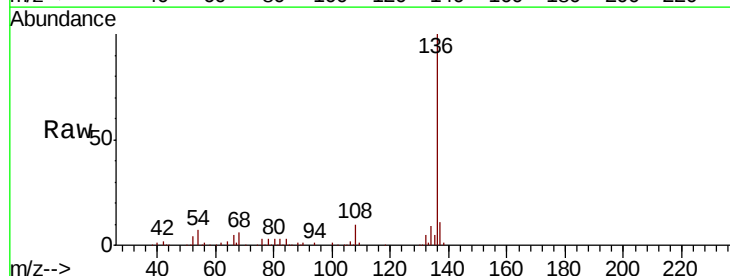
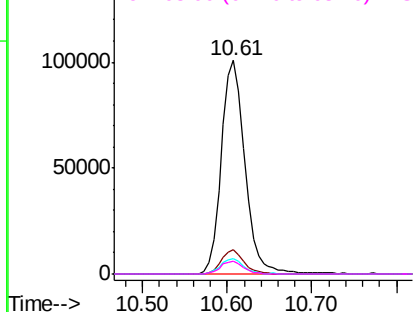
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

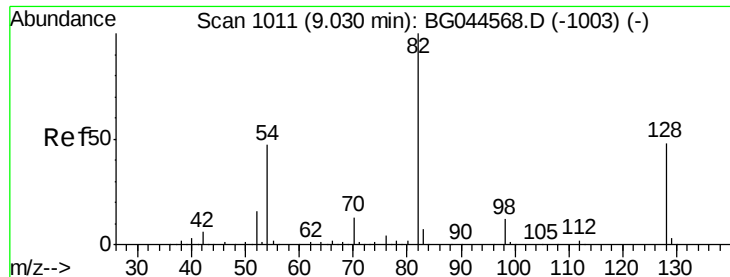


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1280
Delta R.T. -0.07 min
Lab File: BG044672.D
Acq: 3 Mar 2020 21:31

Tgt Ion: 136 Resp: 195401
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.5 5.7 8.5
68 6.2 4.5 6.7

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

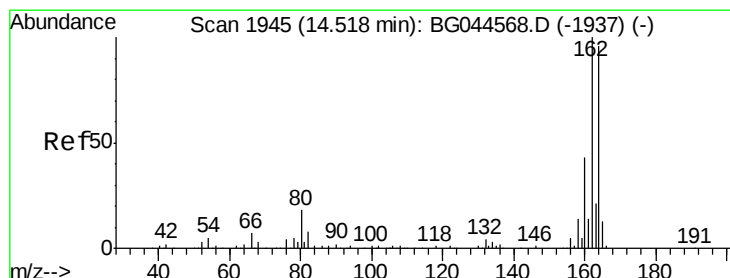
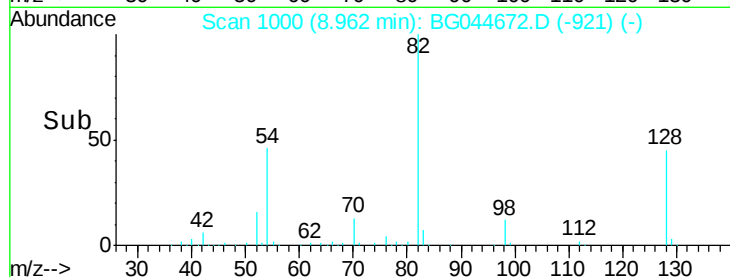
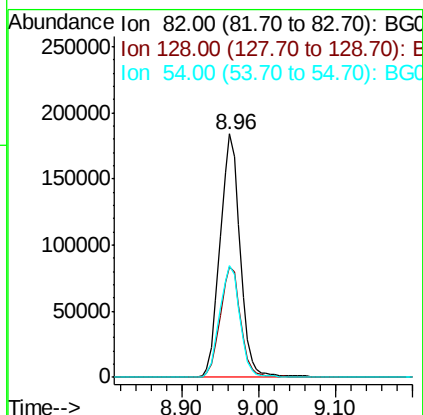
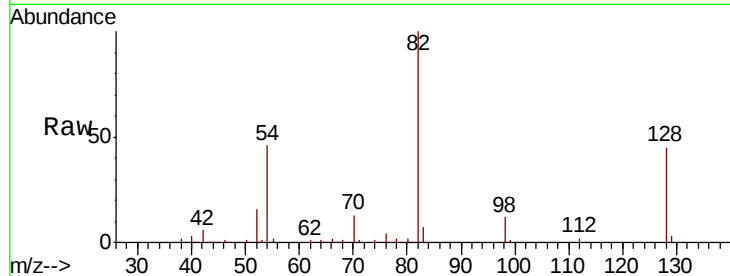




#23
 Nitrobenzene-d5
 Concen: 88.033 ng
 RT: 8.96 min Scan# 1000
 Delta R.T. -0.07 min
 Lab File: BG044672.D
 Acq: 3 Mar 2020 21:31

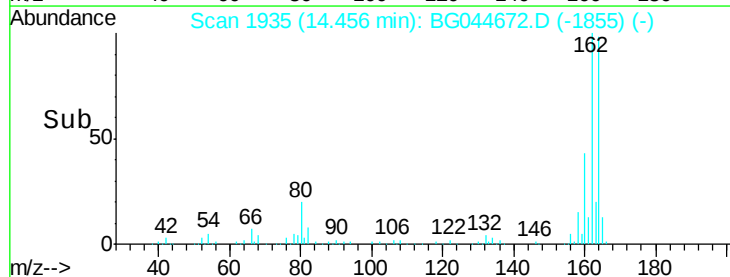
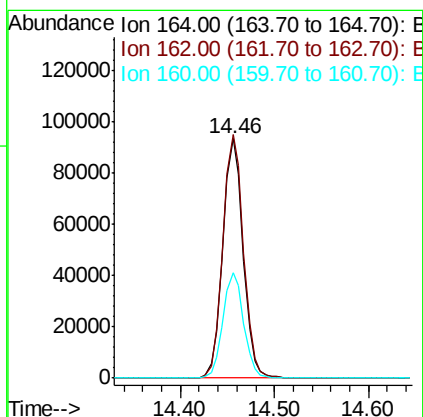
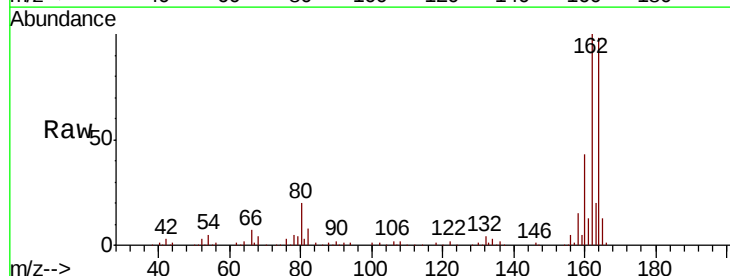
Instrument :
 BNA_G
 ClientSampled :

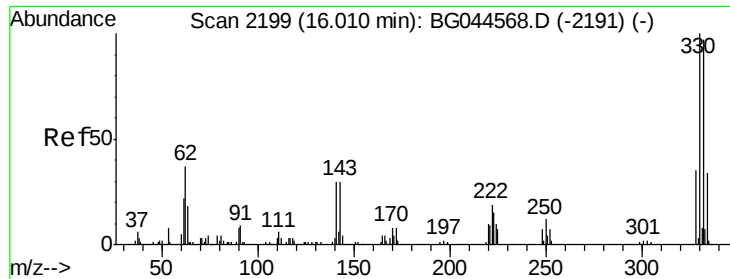
Tot Ion: 82 Resp: 333895
 Ion Ratio Lower Upper
 82 100
 128 45.2 38.1 57.1
 54 46.0 37.5 56.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1935
 Delta R.T. -0.06 min
 Lab File: BG044672.D
 Acq: 3 Mar 2020 21:31

Tgt Ion: 164 Resp: 140796
 Ion Ratio Lower Upper
 164 100
 162 101.6 83.6 125.4
 160 43.9 36.2 54.4

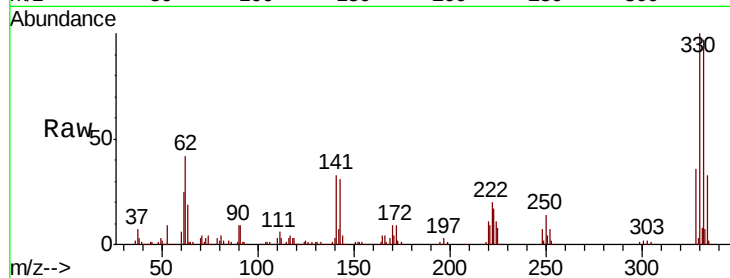




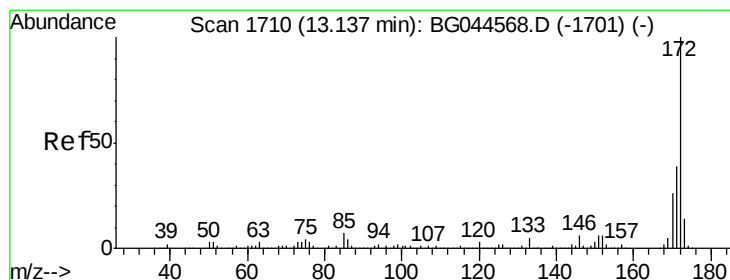
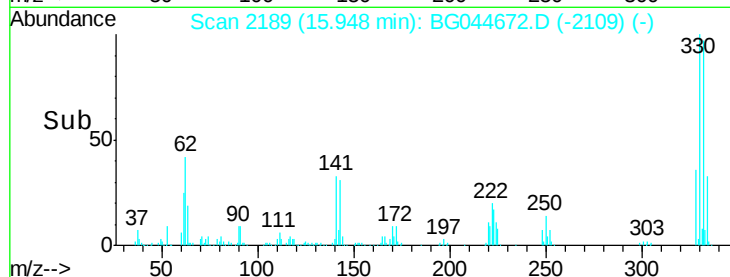
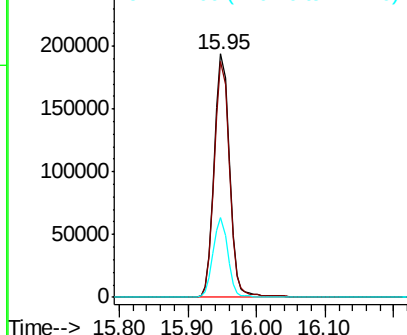
#42
 2,4,6-Tribromophenol
 Concen: 151.161 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.06 min
 Lab File: BG044672.D
 Acq: 3 Mar 2020 21:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 301774
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.0
 141 31.9 26.1 39.1

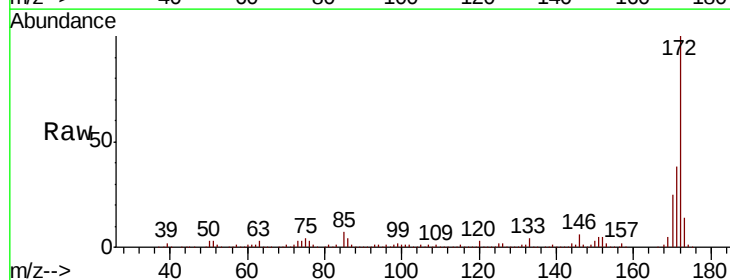


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

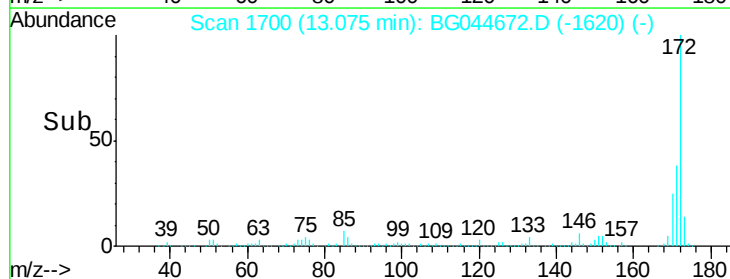
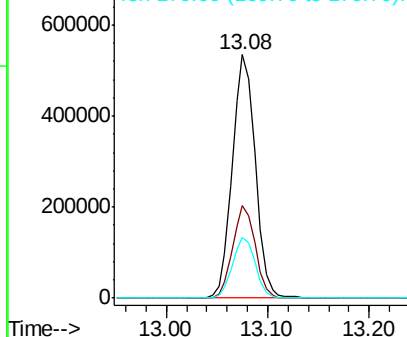


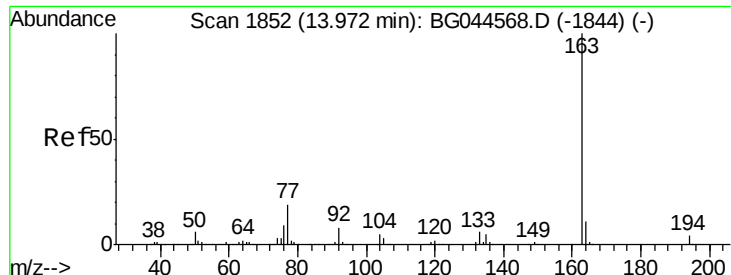
#45
 2-Fluorobiphenyl
 Concen: 85.708 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.06 min
 Lab File: BG044672.D
 Acq: 3 Mar 2020 21:31

Tgt Ion:172 Resp: 842699
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.3 46.9
 170 24.9 21.0 31.4



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: 6.754 ng

RT: 13.91 min Scan# 1842

Delta R.T. -0.06 min

Lab File: BG044672.D

Acq: 3 Mar 2020 21:31

Instrument :

BNA_G

ClientSampleId :

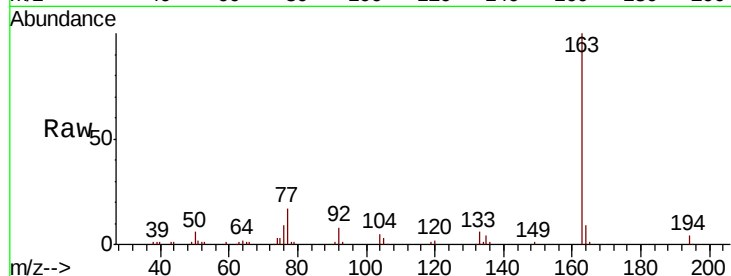
Tot Ion:163 Resp: 76752

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

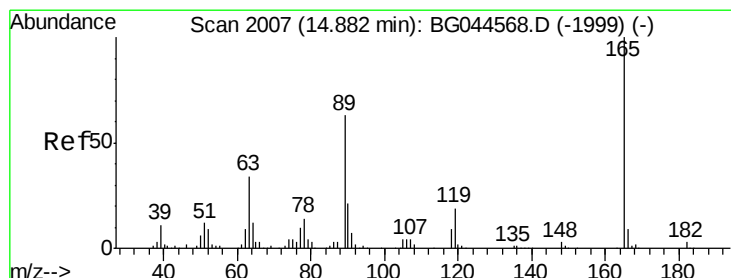
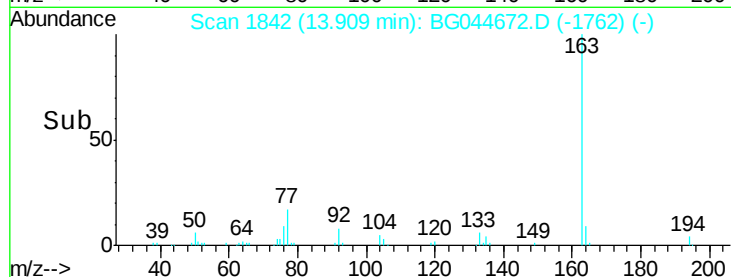
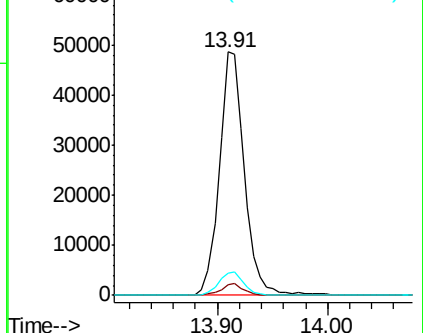
164 9.0 8.7 13.1



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: 5.228 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.43 min

Lab File: BG044672.D

Acq: 3 Mar 2020 21:31

Tgt Ion:165 Resp: 18422

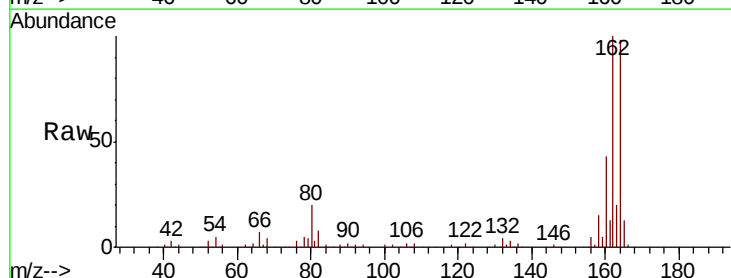
Ion Ratio Lower Upper

165 100

63 1.8 27.5 41.3#

89 2.3 50.0 75.0#

182 0.0 2.3 3.5#

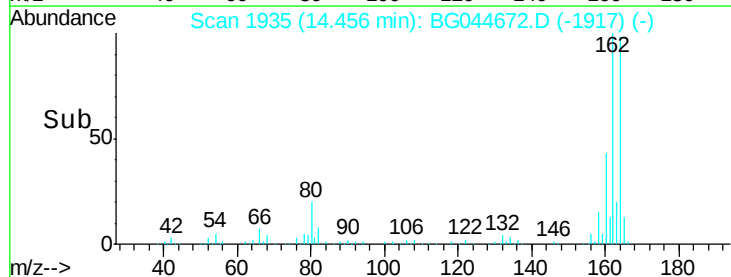
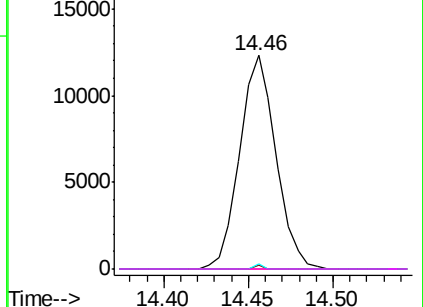


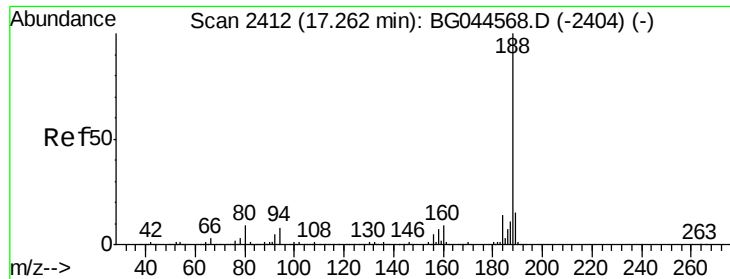
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.21 min Scan# 2403

Delta R.T. -0.06 min

Lab File: BG044672.D

Acq: 3 Mar 2020 21:31

Instrument :

BNA_G

ClientSampleId :

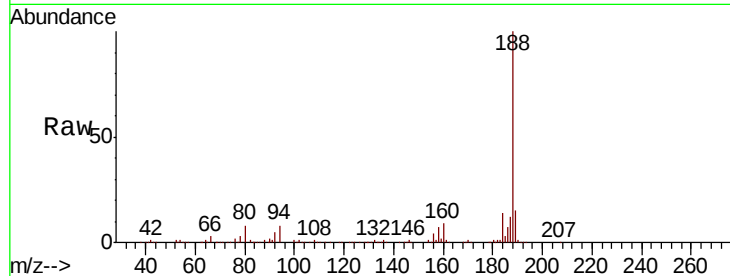
Tot Ion:188 Resp: 367754

Ion Ratio Lower Upper

188 100

94 7.9 6.7 10.1

80 8.3 7.6 11.4

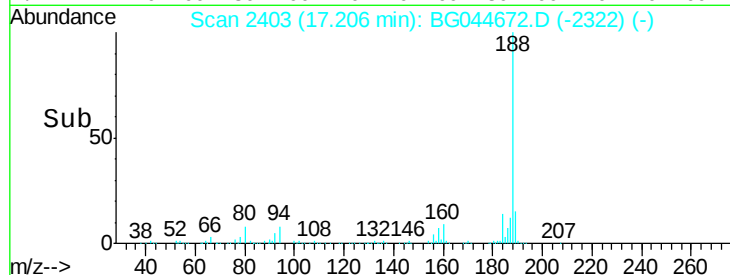


Abundance Ion 188.00 (187.70 to 188.70): E

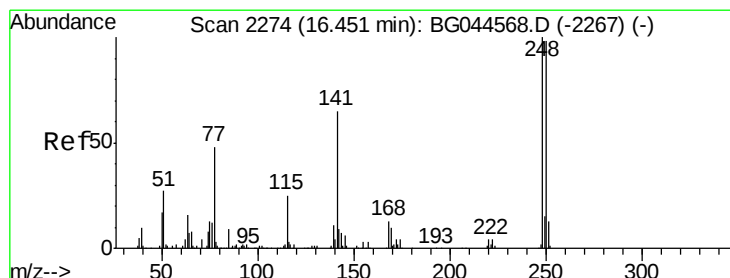
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time--> 17.10 17.20 17.30



Time--> 17.10 17.20 17.30



#67

4-Bromophenyl-phenylether

Concen: 4.575 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.50 min

Lab File: BG044672.D

Acq: 3 Mar 2020 21:31

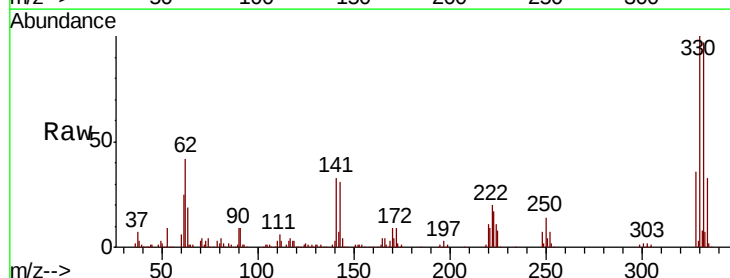
Tgt Ion:248 Resp: 20883

Ion Ratio Lower Upper

248 100

250 187.1 78.7 118.1#

141 449.9 52.3 78.5#

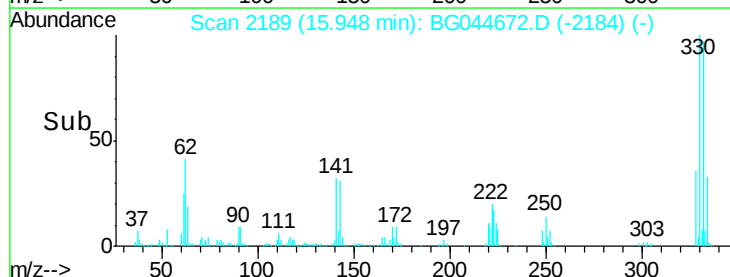


Abundance Ion 248.00 (247.70 to 248.70): E

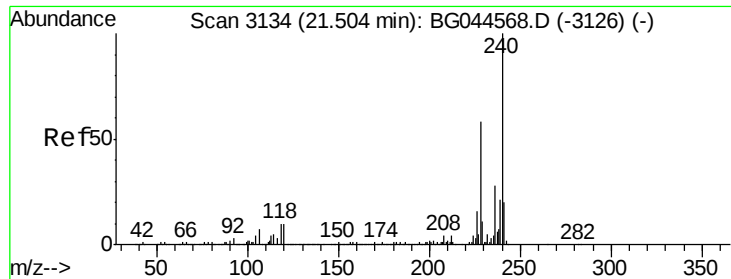
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time--> 15.90 15.95 16.00



Time--> 15.90 15.95 16.00



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.44 min Scan# 3123

Delta R.T. -0.07 min

Lab File: BG044672.D

Acq: 3 Mar 2020 21:31

Instrument :

BNA_G

ClientSampleId :

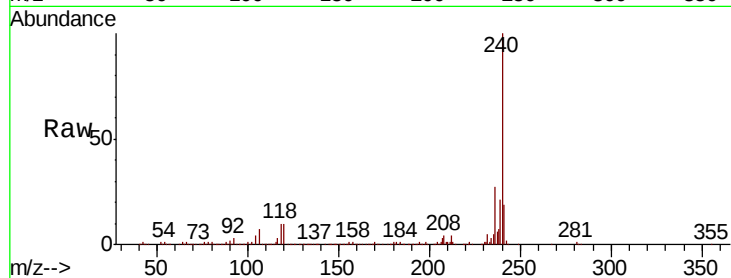
Tot Ion:240 Resp: 365864

Ion Ratio Lower Upper

240 100

120 9.7 8.3 12.5

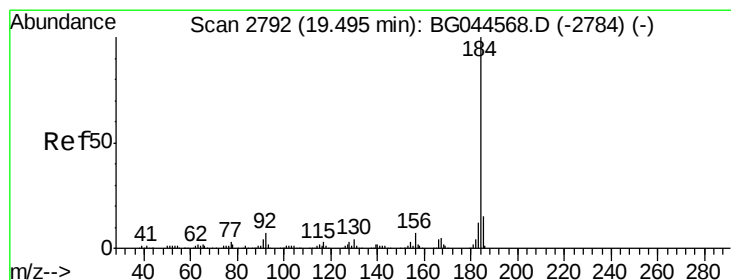
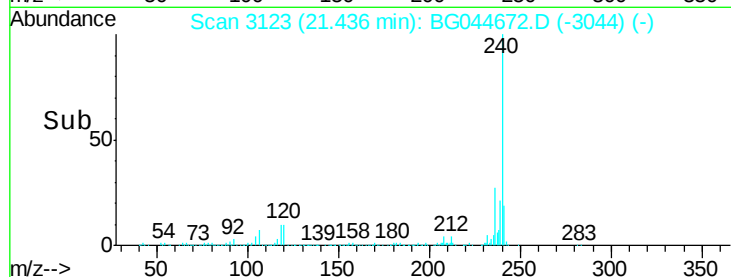
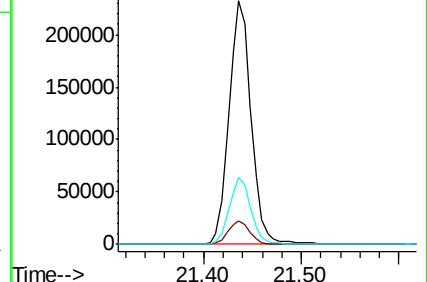
236 27.4 22.3 33.5



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



#77

Benzidine

Concen: 2.062 ng

RT: 19.83 min Scan# 2849

Delta R.T. 0.33 min

Lab File: BG044672.D

Acq: 3 Mar 2020 21:31

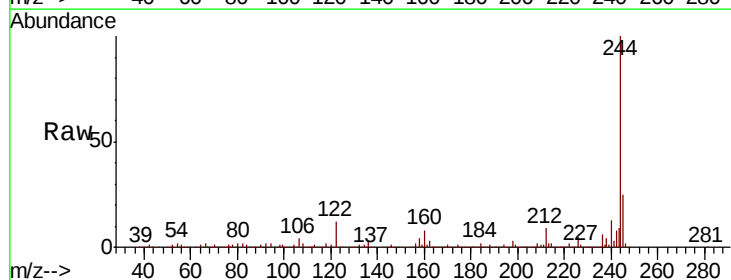
Tgt Ion:184 Resp: 25838

Ion Ratio Lower Upper

184 100

185 15.4 12.2 18.4

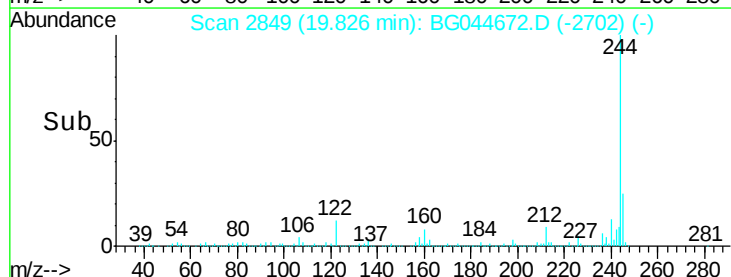
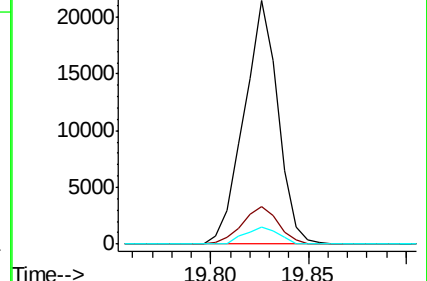
183 6.7 9.9 14.9#

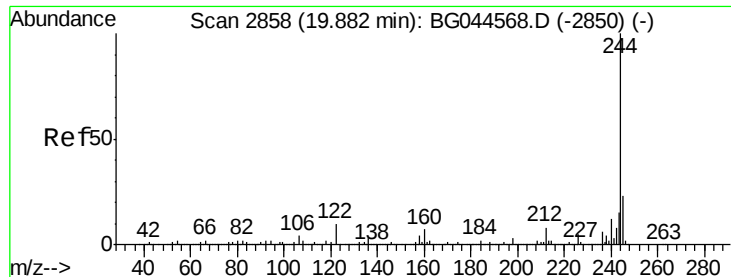


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 87.599 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.06 min

Lab File: BG044672.D

Acq: 3 Mar 2020 21:31

Instrument :

BNA_G

ClientSampleId :

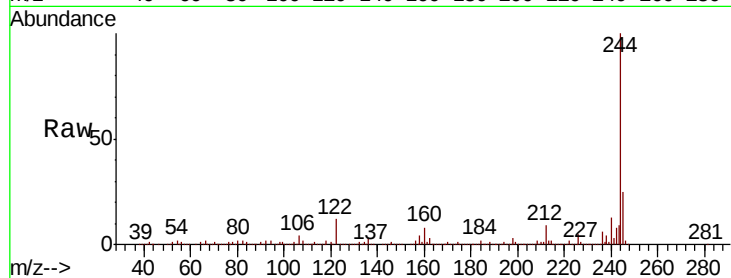
Tot Ion:244 Resp: 1692984

Ion Ratio Lower Upper

244 100

212 8.9 6.5 9.7

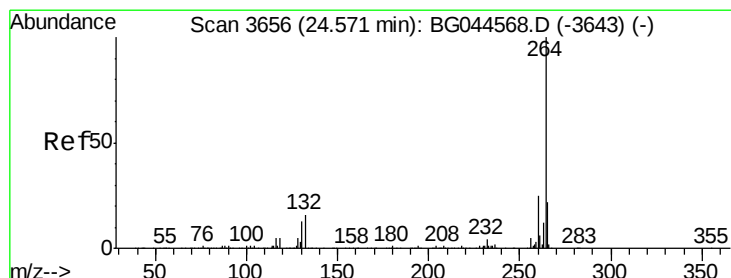
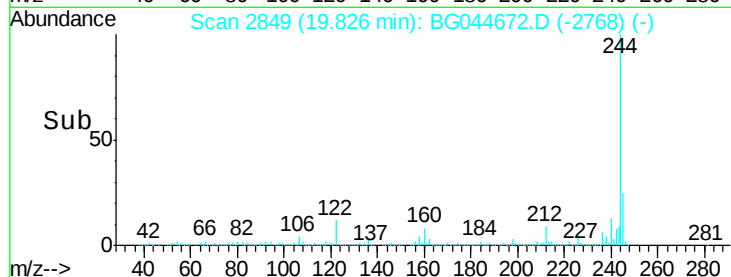
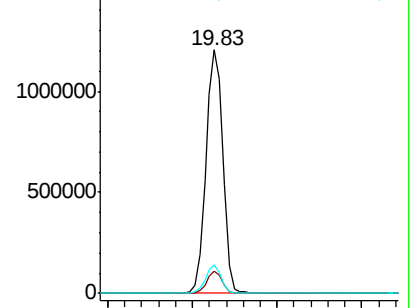
122 11.6 8.2 12.4



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: 24.46 min Scan# 3638

Delta R.T. -0.11 min

Lab File: BG044672.D

Acq: 3 Mar 2020 21:31

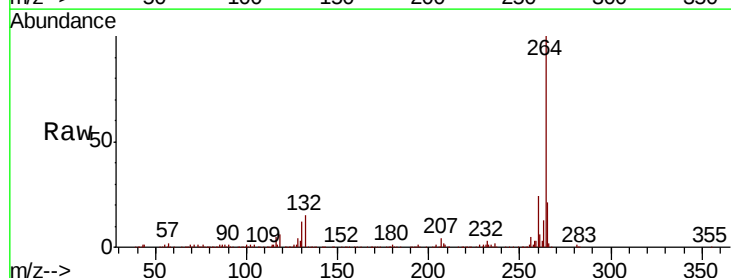
Tgt Ion:264 Resp: 409767

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

265 20.8 17.8 26.8



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

