

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
 Data File : BG044671.D
 Acq On : 3 Mar 2020 20:51
 Operator : CG/JU
 Sample : L1757-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 04 03:47:06 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

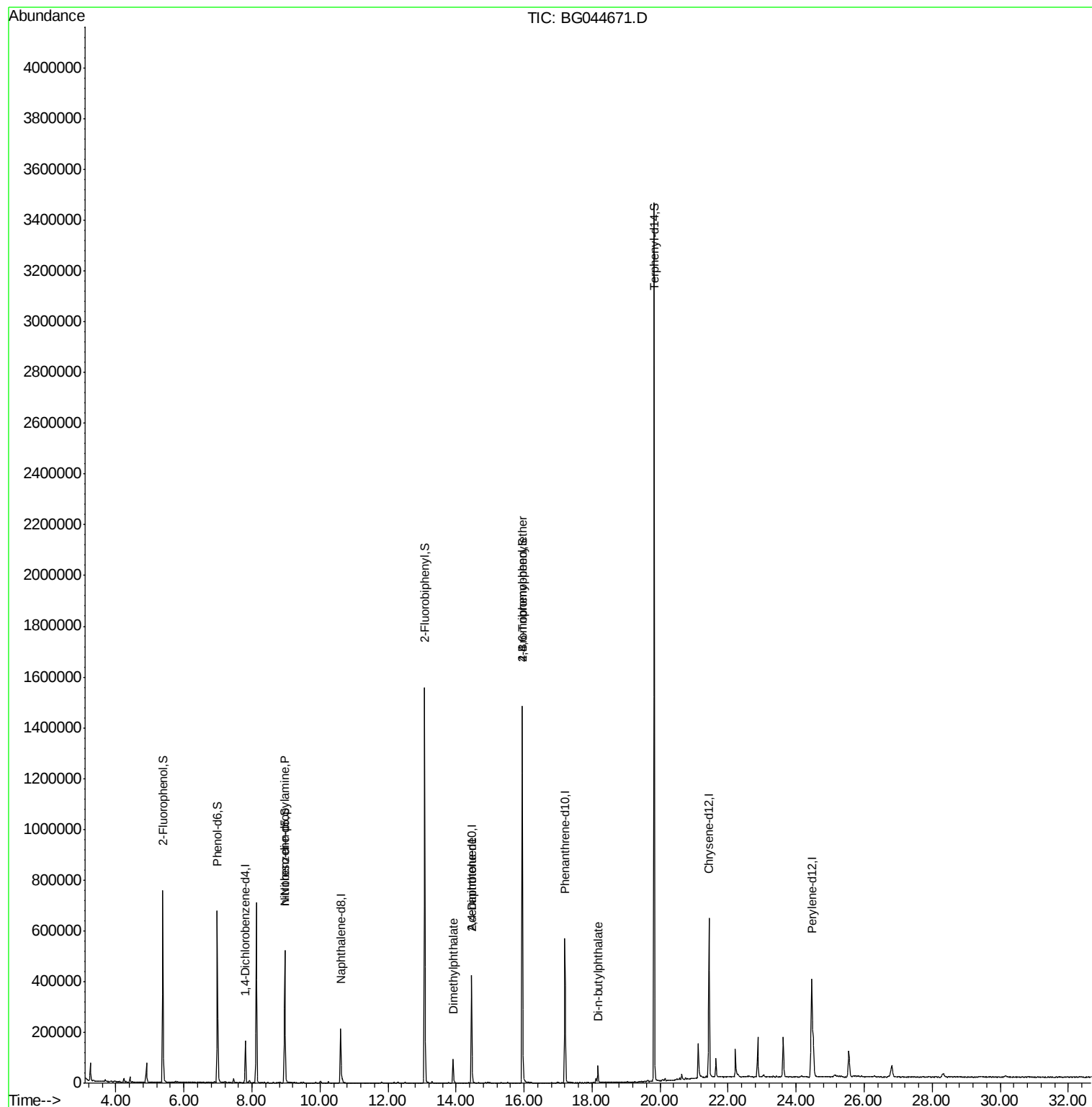
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	45954	20.00	ng	-0.07
21) Naphthalene-d8	10.61	136	202251	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	151818	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	376250	20.00	ng	-0.06
76) Chrysene-d12	21.44	240	365448	20.00	ng	-0.07
87) Perylene-d12	24.46	264	409159	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	368235	128.57	ng	-0.07
7) Phenol-d6	6.98	99	439470	112.10	ng	-0.07
23) Nitrobenzene-d5	8.96	82	336929	85.82	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	300254	139.48	ng	-0.06
45) 2-Fluorobiphenyl	13.07	172	861073	81.22	ng	-0.06
79) Terphenyl-d14	19.83	244	1658519	85.91	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.96	70	43424	17.232	ng	# 75
50) Dimethylphthalate	13.91	163	77050	6.288	ng	# 99
57) 2,4-Dinitrotoluene	14.46	165	19577	5.153	ng	# 30
67) 4-Bromophenyl-phenylether	15.95	248	20501	4.390	ng	# 1
74) Di-n-butylphthalate	18.17	149	49114	2.098	ng	# 97

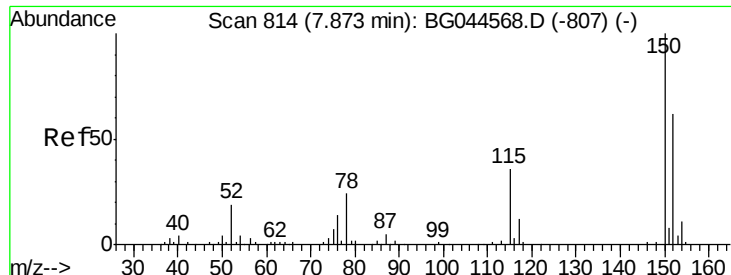
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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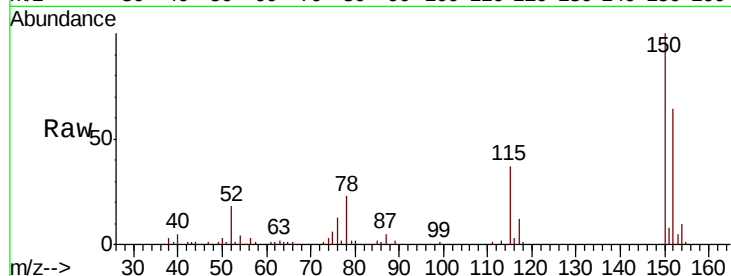


#1

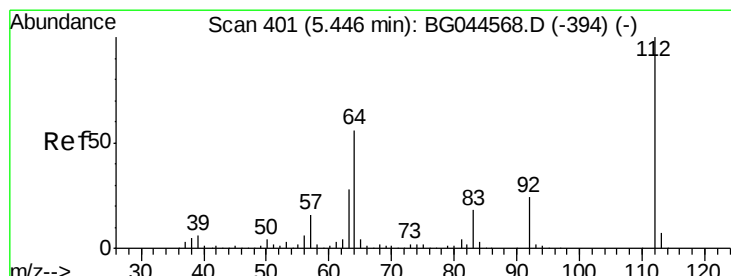
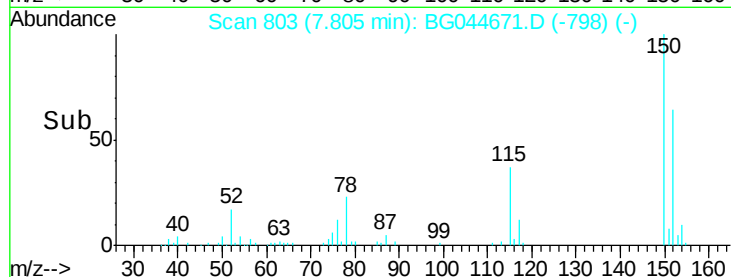
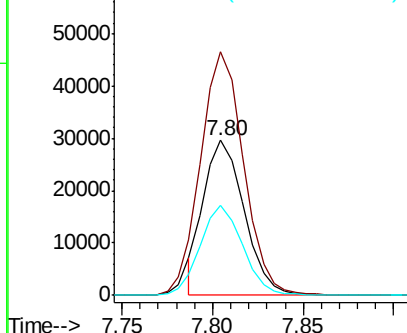
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.80 min Scan# 803
Delta R.T. -0.07 min
Lab File: BG044671.D
Acq: 3 Mar 2020 20:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 45954
Ion Ratio Lower Upper
152 100
150 156.9 128.9 193.3
115 58.1 47.0 70.4



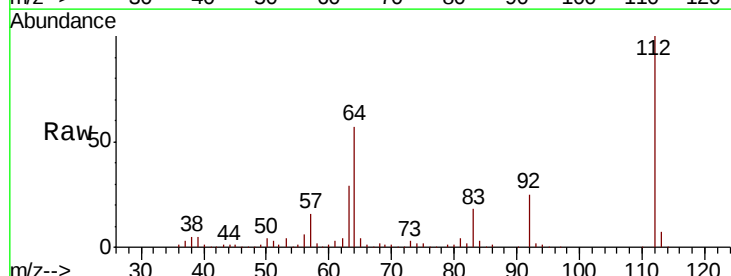
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



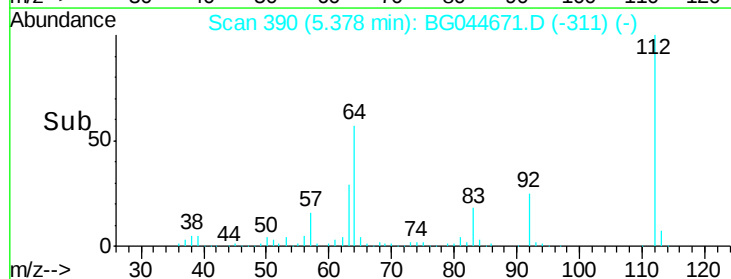
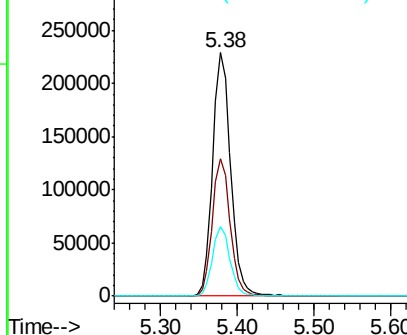
#5

2-Fluorophenol
Concen: 128.568 ng
RT: 5.38 min Scan# 390
Delta R.T. -0.07 min
Lab File: BG044671.D
Acq: 3 Mar 2020 20:51

Tgt Ion:112 Resp: 368235
Ion Ratio Lower Upper
112 100
64 56.6 44.8 67.2
63 28.6 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: 112.097 ng

RT: 6.98 min Scan# 663

Delta R.T. -0.07 min

Lab File: BG044671.D

Acq: 3 Mar 2020 20:51

Instrument :

BNA_G

ClientSampleId :

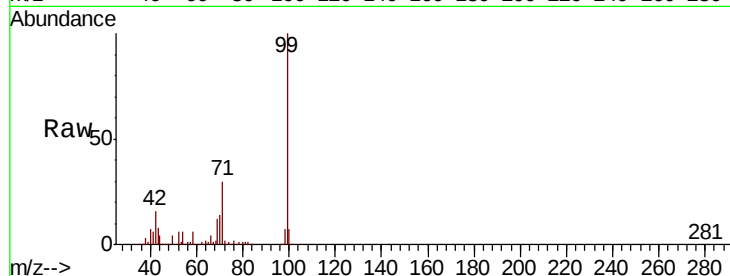
Tot Ion: 99 Resp: 439470

Ion Ratio Lower Upper

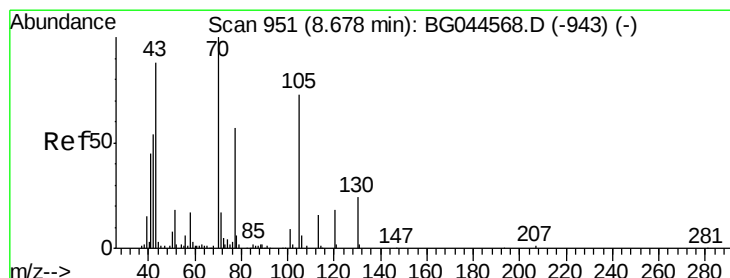
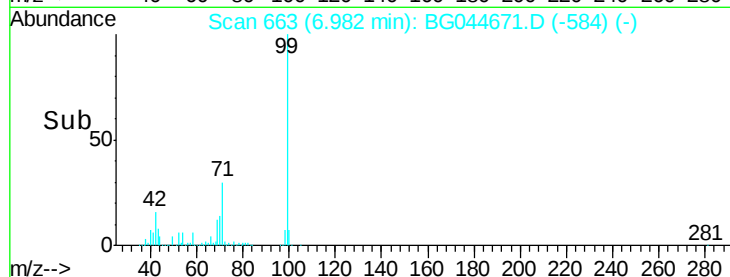
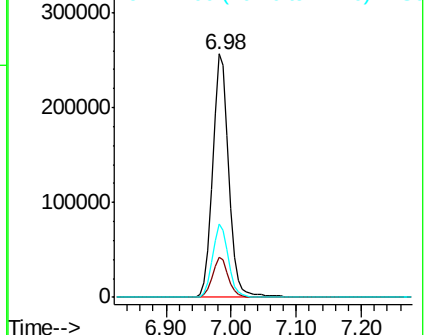
99 100

42 16.4 12.8 19.2

71 30.2 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



#19

n-Nitroso-di-n-propylamine

Concen: 17.232 ng

RT: 8.96 min Scan# 1000

Delta R.T. 0.28 min

Lab File: BG044671.D

Acq: 3 Mar 2020 20:51

Tgt Ion: 70 Resp: 43424

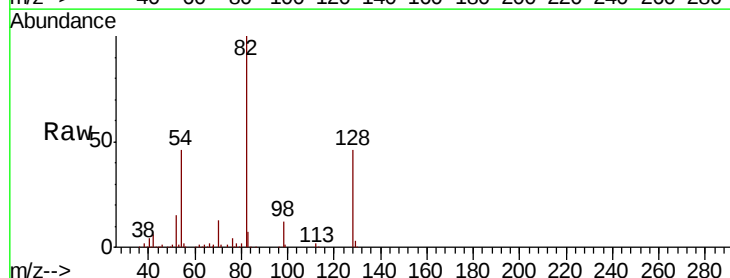
Ion Ratio Lower Upper

70 100

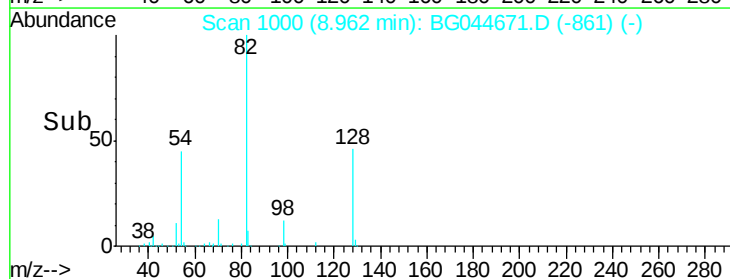
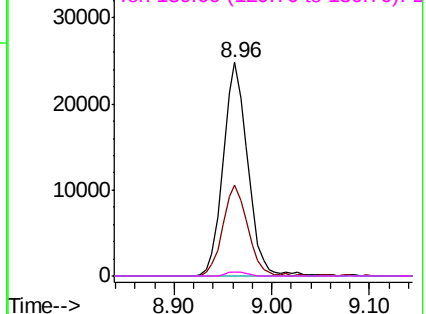
42 42.7 43.4 65.0#

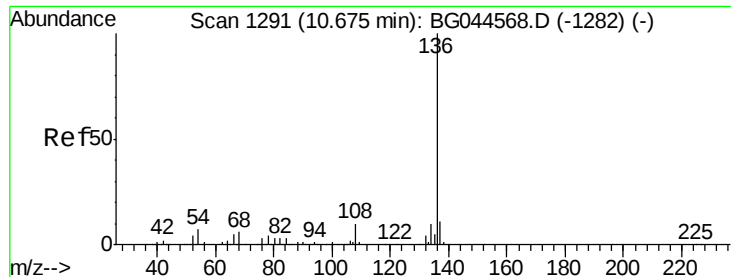
101 0.0 7.5 11.3#

130 1.6 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: BG044671.D

Acq: 3 Mar 2020 20:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 202251

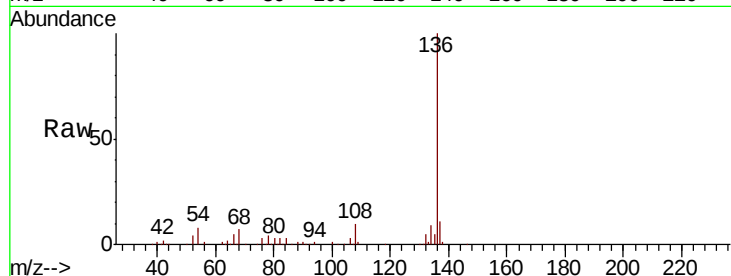
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.7 5.7 8.5

68 6.5 4.5 6.7

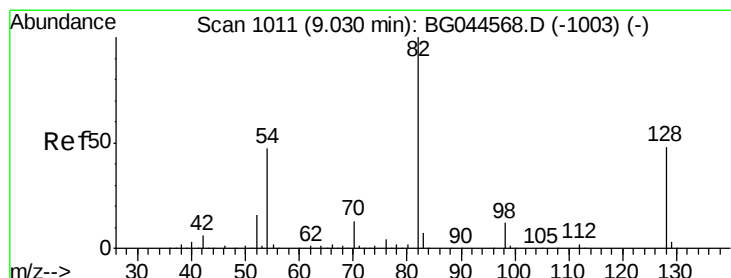
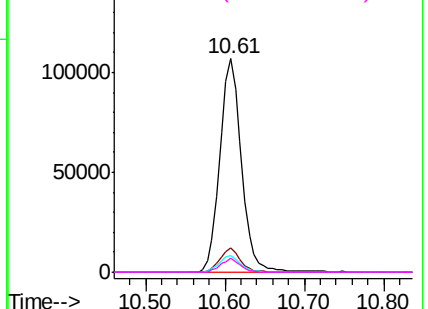
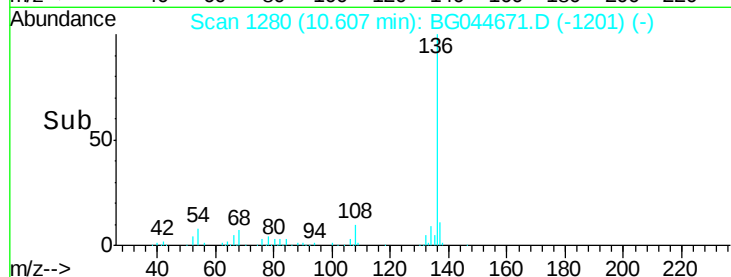


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.824 ng

RT: 8.96 min Scan# 1000

Delta R.T. -0.07 min

Lab File: BG044671.D

Acq: 3 Mar 2020 20:51

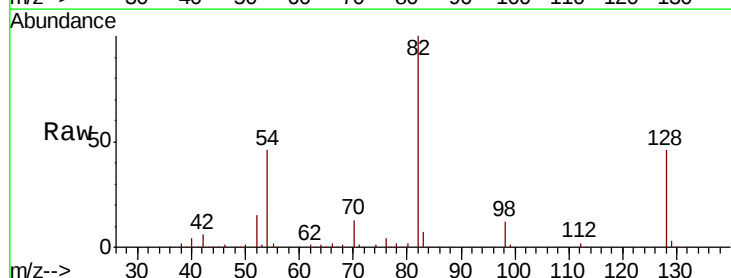
Tgt Ion: 82 Resp: 336929

Ion Ratio Lower Upper

82 100

128 45.6 38.1 57.1

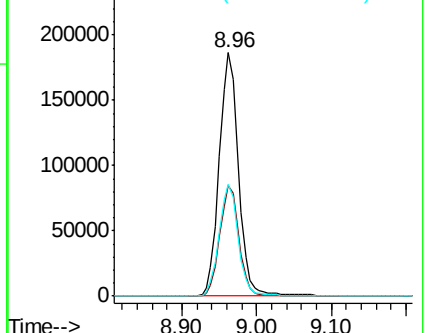
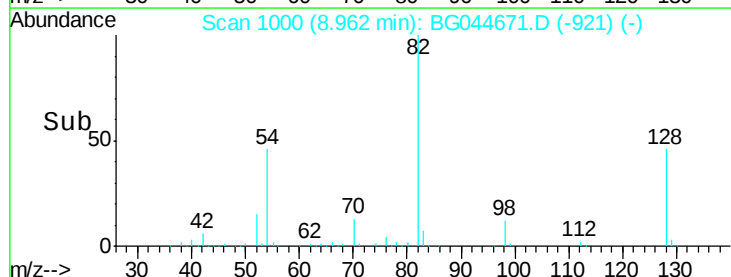
54 45.8 37.5 56.3

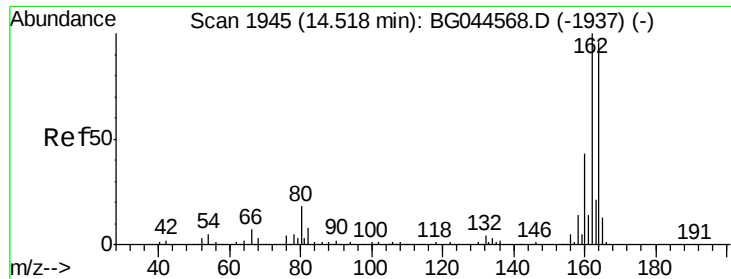


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.46 min Scan# 1935

Delta R.T. -0.06 min

Lab File: BG044671.D

Acq: 3 Mar 2020 20:51

Instrument :

BNA_G

ClientSampleId :

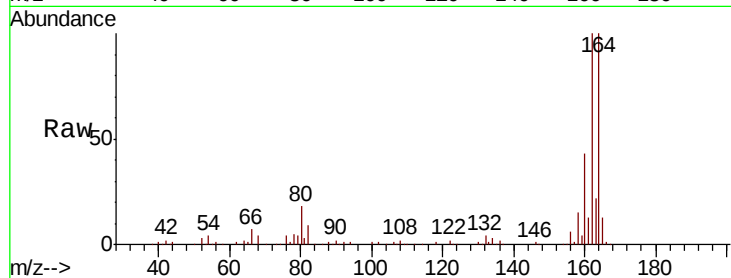
Tot Ion:164 Resp: 151818

Ion Ratio Lower Upper

164 100

162 100.0 83.6 125.4

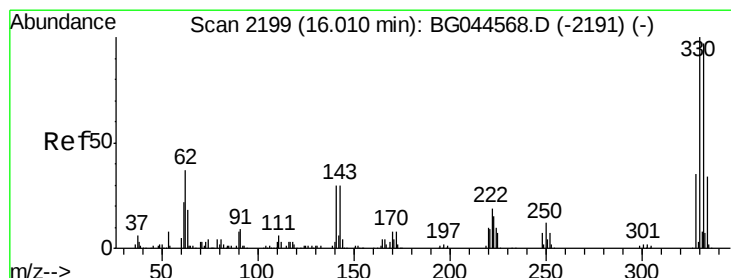
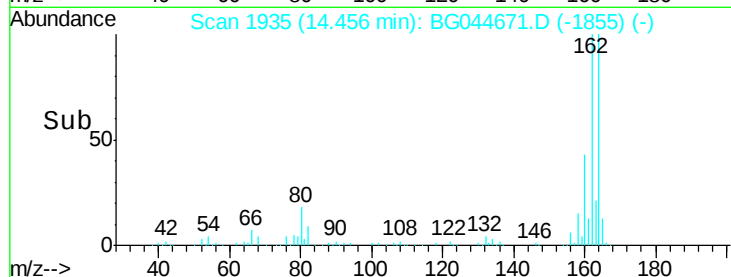
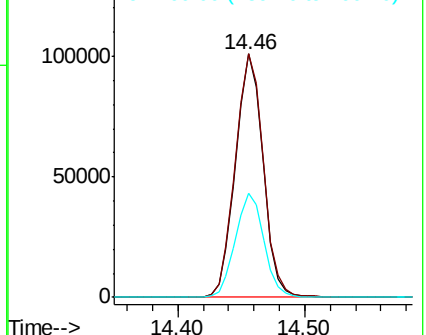
160 42.8 36.2 54.4



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: 139.481 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.06 min

Lab File: BG044671.D

Acq: 3 Mar 2020 20:51

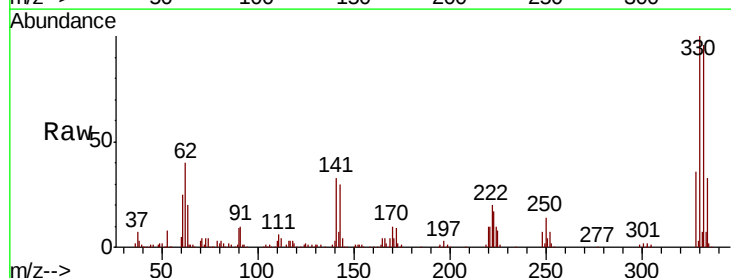
Tgt Ion:330 Resp: 300254

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

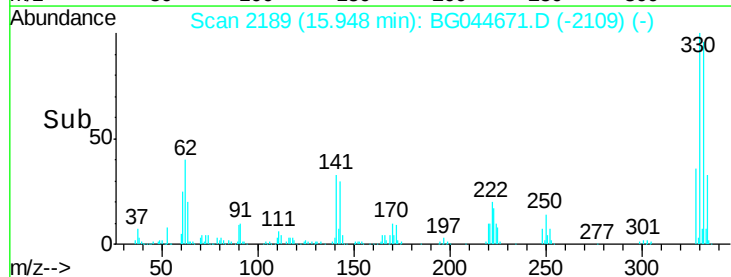
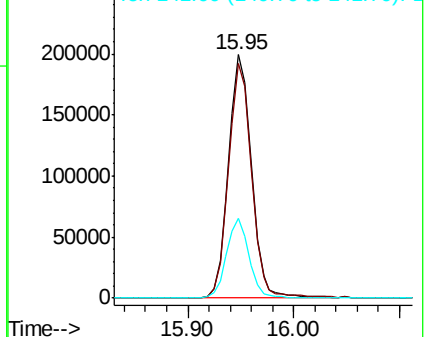
141 32.2 26.1 39.1

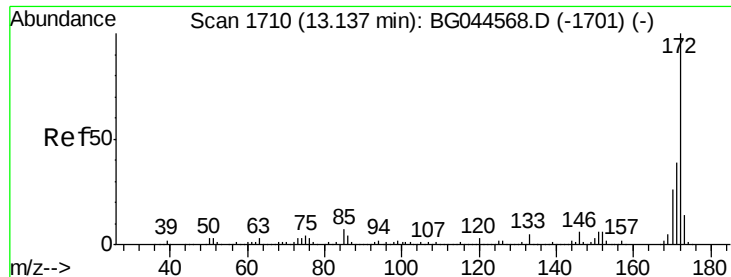


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

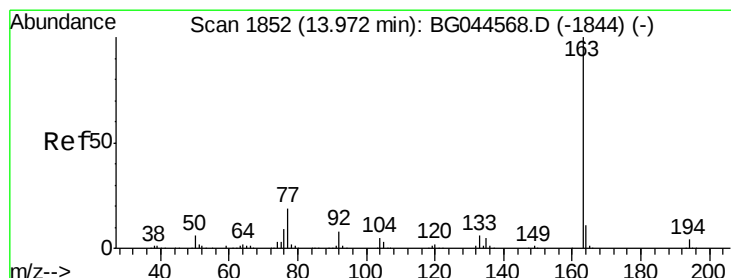
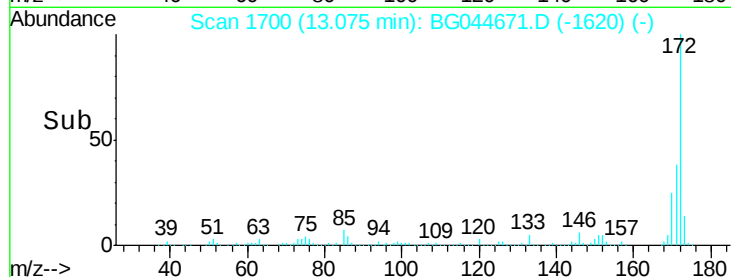
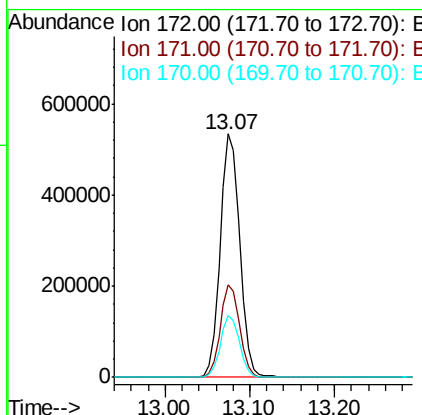
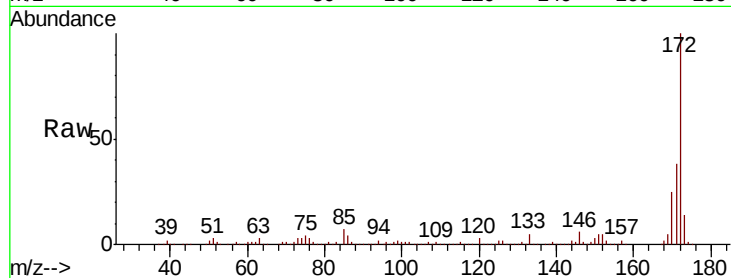




#45
 2-Fluorobiphenyl
 Concen: 81.219 ng
 RT: 13.07 min Scan# 1700
 Delta R.T. -0.06 min
 Lab File: BG044671.D
 Acq: 3 Mar 2020 20:51

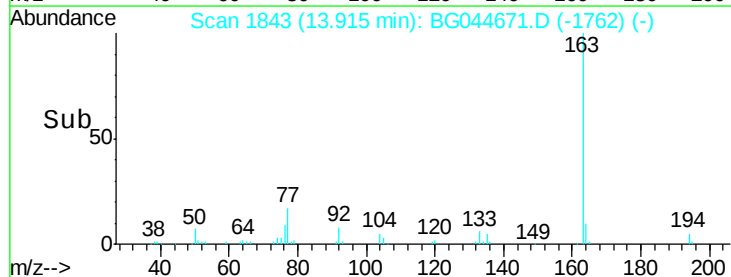
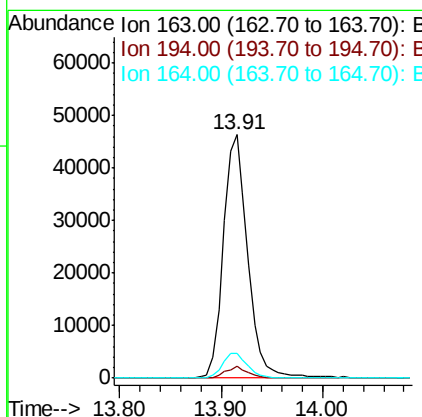
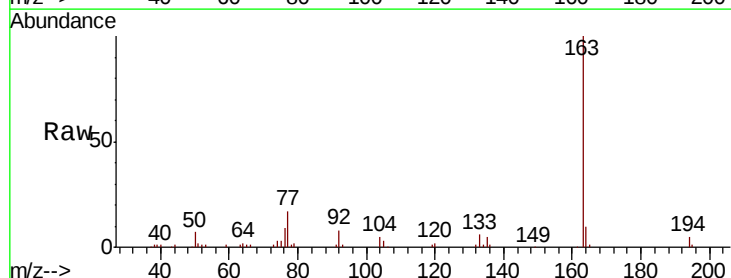
Instrument :
 BNA_G
 ClientSampleId :

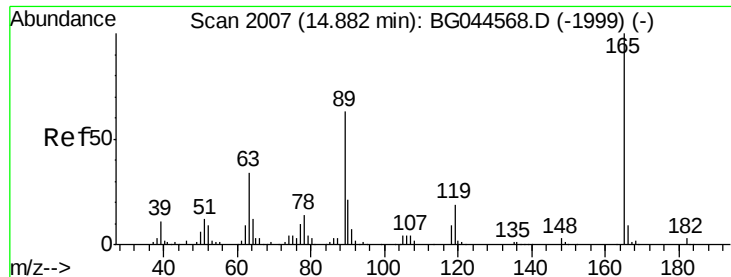
Tot Ion:172 Resp: 861073
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.3 46.9
 170 25.2 21.0 31.4



#50
 Dimethylphthalate
 Concen: 6.288 ng
 RT: 13.91 min Scan# 1843
 Delta R.T. -0.06 min
 Lab File: BG044671.D
 Acq: 3 Mar 2020 20:51

Tgt Ion:163 Resp: 77050
 Ion Ratio Lower Upper
 163 100
 194 4.7 3.4 5.0
 164 10.4 8.7 13.1

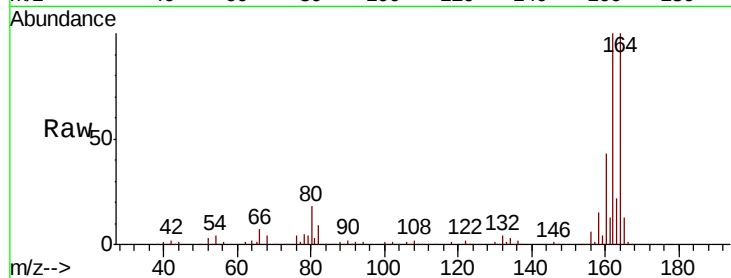




#57
 2,4-Dinitrotoluene
 Concen: 5.153 ng
 RT: 14.46 min Scan# 1935
 Delta R.T. -0.43 min
 Lab File: BG044671.D
 Acq: 3 Mar 2020 20:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	27.5	41.3#
89	1.7	50.0	75.0#
182	0.0	2.3	3.5#

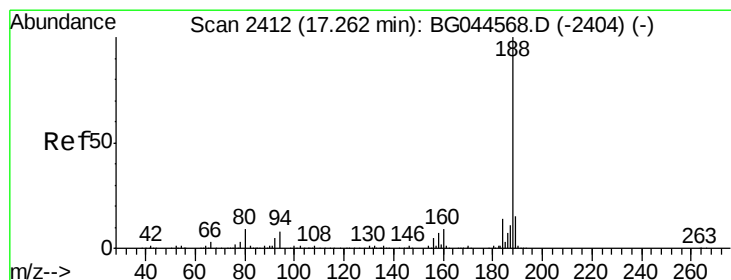
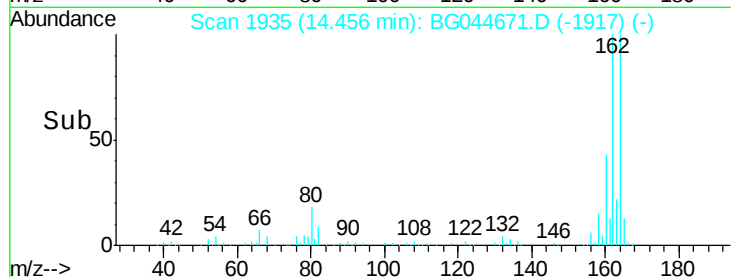
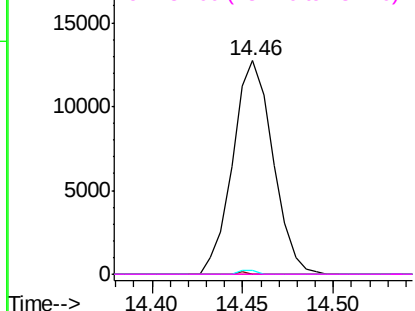


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

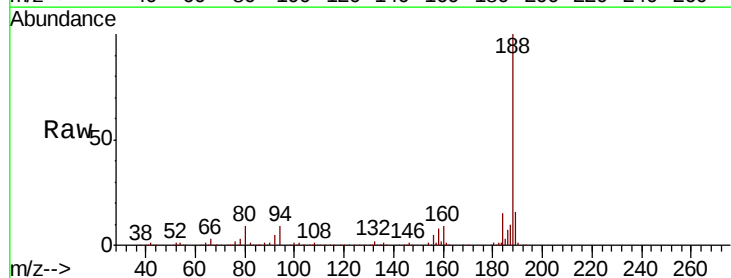
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.20 min Scan# 2402
 Delta R.T. -0.06 min
 Lab File: BG044671.D
 Acq: 3 Mar 2020 20:51

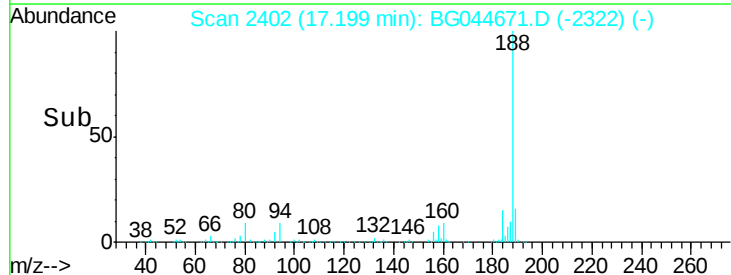
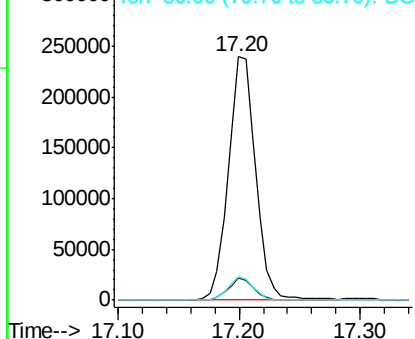
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.7	10.1
80	9.4	7.6	11.4

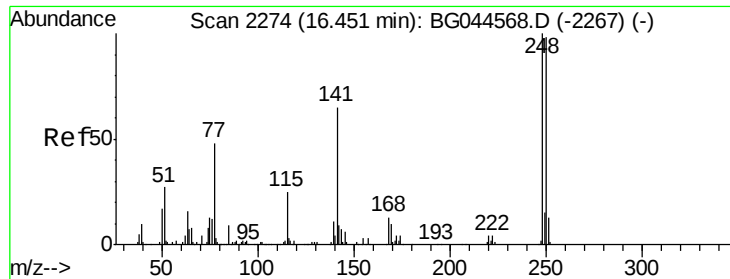


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

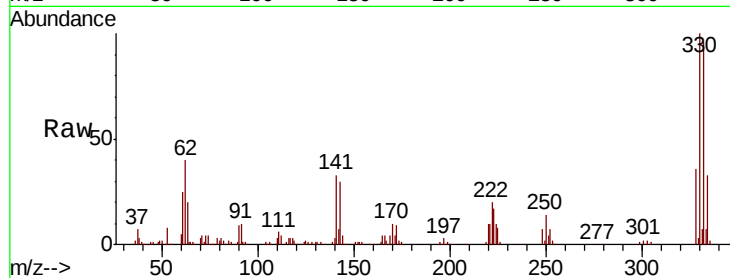




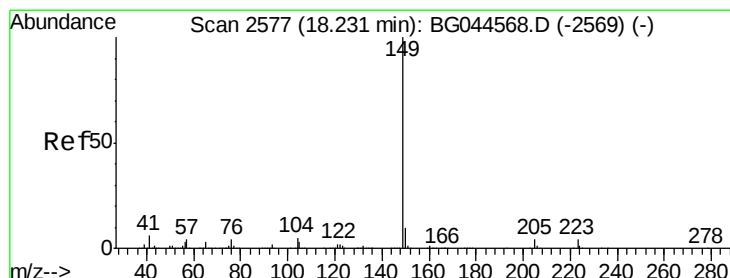
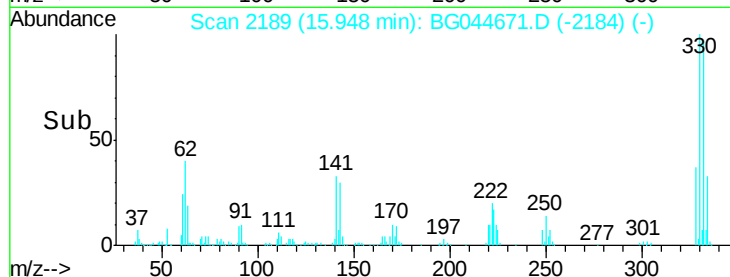
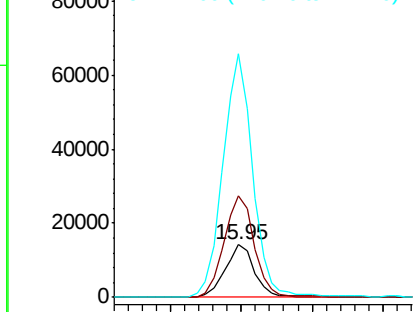
#67
 4-Bromophenyl-phenylether
 Concen: 4.390 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.50 min
 Lab File: BG044671.D
 Acq: 3 Mar 2020 20:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 20501
 Ion Ratio Lower Upper
 248 100
 250 193.6 78.7 118.1#
 141 461.5 52.3 78.5#

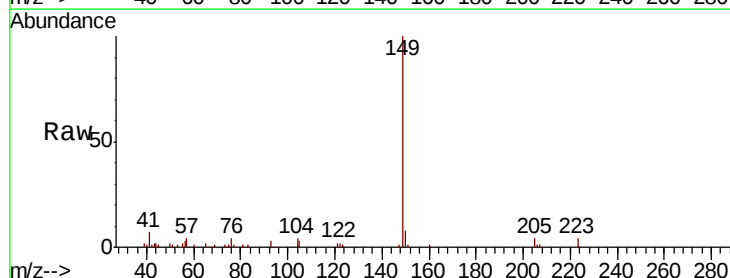


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

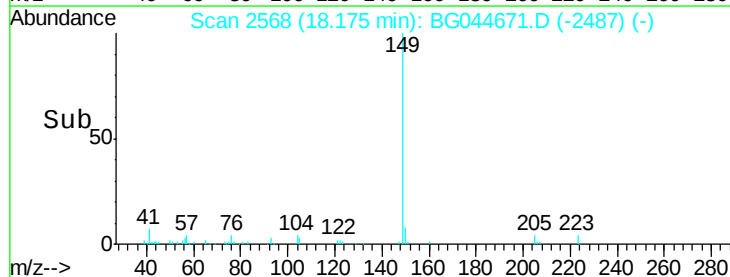
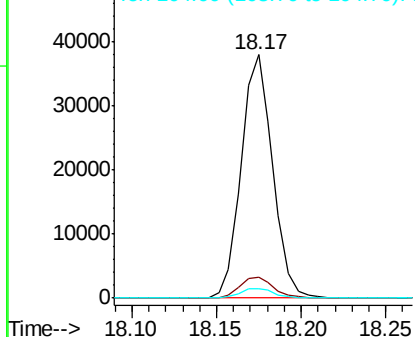


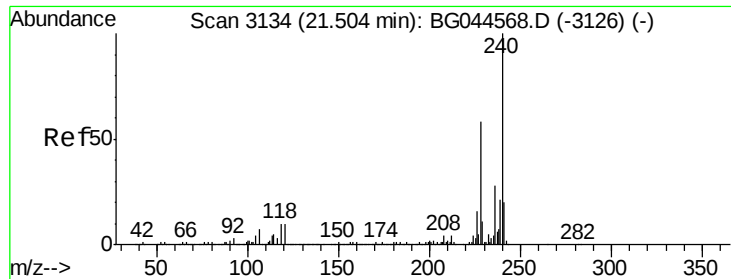
#74
 Di-n-butylphthalate
 Concen: 2.098 ng
 RT: 18.17 min Scan# 2568
 Delta R.T. -0.06 min
 Lab File: BG044671.D
 Acq: 3 Mar 2020 20:51

Tgt Ion:149 Resp: 49114
 Ion Ratio Lower Upper
 149 100
 150 8.4 7.8 11.8
 104 4.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

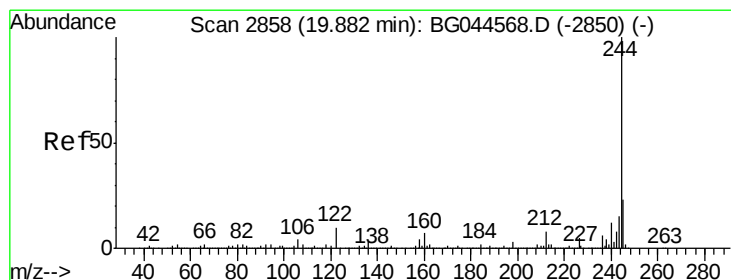
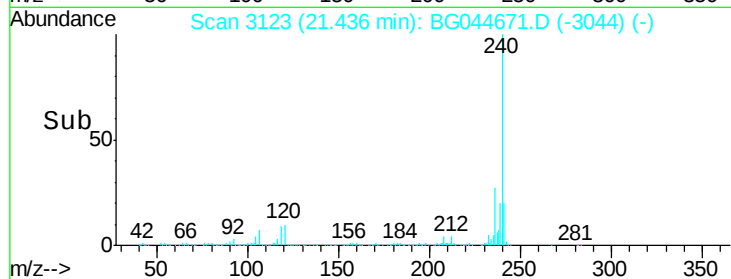
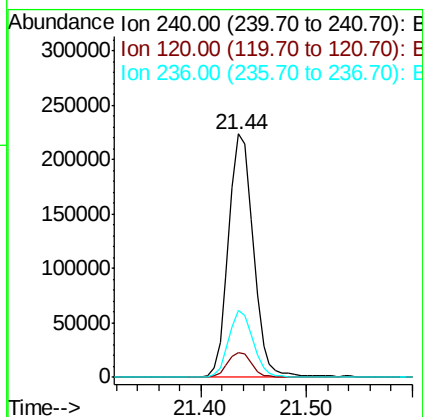
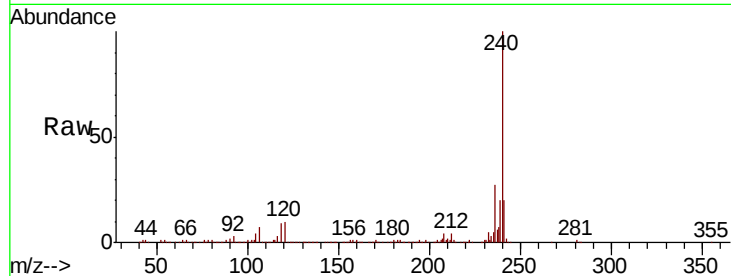




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.44 min Scan# 3123
 Delta R.T. -0.07 min
 Lab File: BG044671.D
 Acq: 3 Mar 2020 20:51

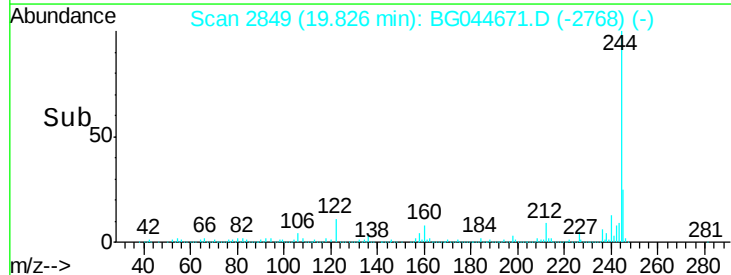
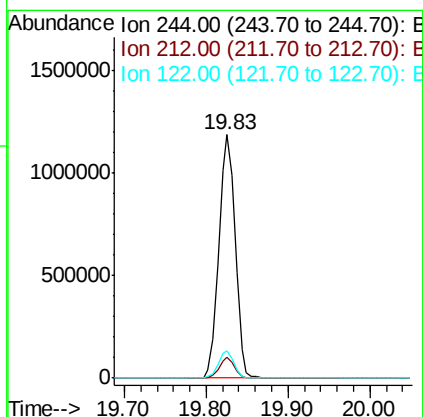
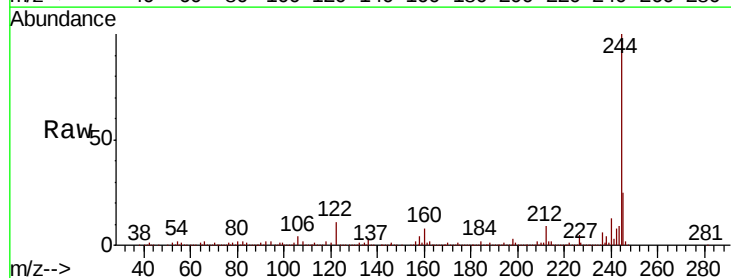
Instrument :
 BNA_G
 ClientSampleId :

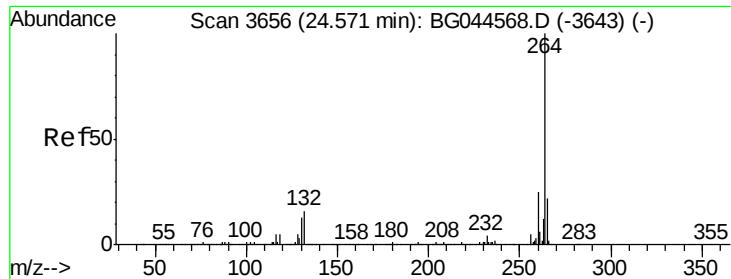
Tot Ion:240 Resp: 365448
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.3 12.5
 236 27.4 22.3 33.5



#79
 Terphenyl-d14
 Concen: 85.913 ng
 RT: 19.83 min Scan# 2849
 Delta R.T. -0.06 min
 Lab File: BG044671.D
 Acq: 3 Mar 2020 20:51

Tgt Ion:244 Resp: 1658519
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.5 9.7
 122 11.5 8.2 12.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.46 min Scan# 3637
Delta R.T. -0.12 min
Lab File: BG044671.D
Acq: 3 Mar 2020 20:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	22.1	17.8	26.8

