

Data File : BG044652.D
Acq On : 3 Mar 2020 5:01
Operator : CG/JU
Sample : PB127195BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127195BL

Quant Time: Mar 03 06:20:06 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

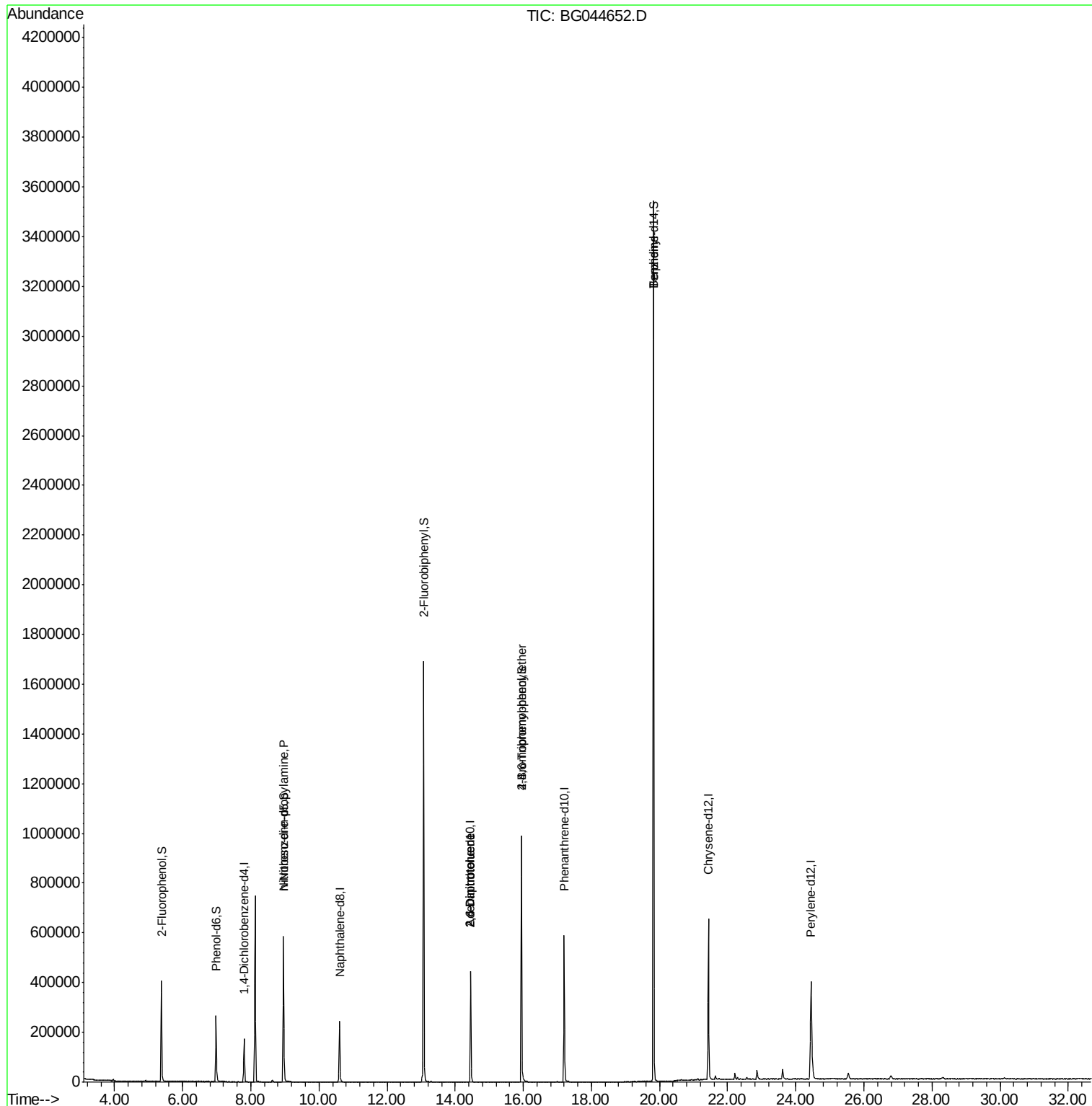
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	49116	20.00	ng	-0.07
21) Naphthalene-d8	10.60	136	226657	20.00	ng	-0.07
39) Acenaphthene-d10	14.45	164	163622	20.00	ng	-0.07
64) Phenanthrene-d10	17.20	188	397698	20.00	ng	-0.07
76) Chrysene-d12	21.43	240	374844	20.00	ng	-0.07
87) Perylene-d12	24.45	264	415326	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	201087	65.69	ng	-0.07
7) Phenol-d6	6.98	99	175298	41.84	ng	-0.07
23) Nitrobenzene-d5	8.96	82	367749	83.59	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	200183	86.28	ng	-0.07
45) 2-Fluorobiphenyl	13.07	172	938713	82.15	ng	-0.07
79) Terphenyl-d14	19.82	244	1727813	87.26	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.96	70	48088	17.854	ng	# 77
51) 2,6-Dinitrotoluene	14.45	165	20762	7.128	ng	# 31
57) 2,4-Dinitrotoluene	14.45	165	20762	5.070	ng	# 29
67) 4-Bromophenyl-phenylether	15.95	248	13220	2.678	ng	# 1
77) Benzidine	19.82	184	26348	2.052	ng	# 92

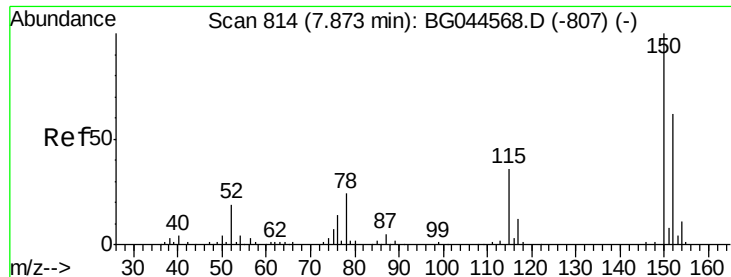
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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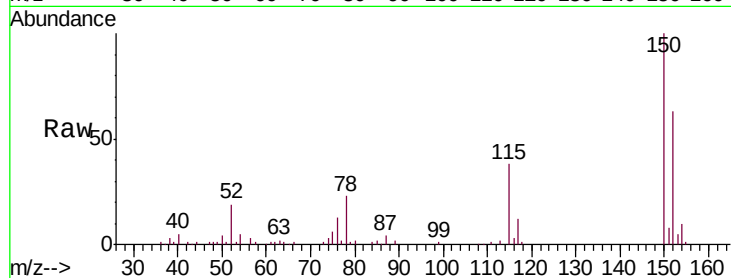


#1

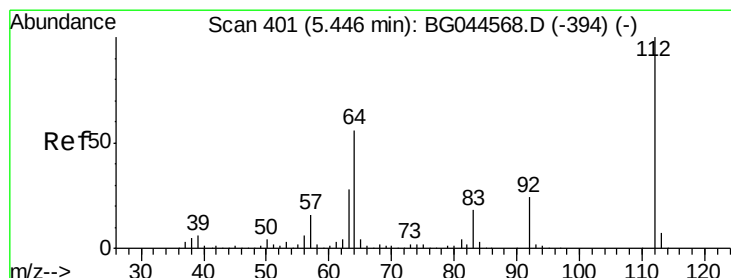
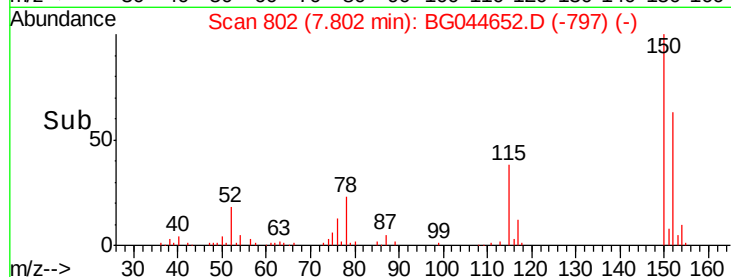
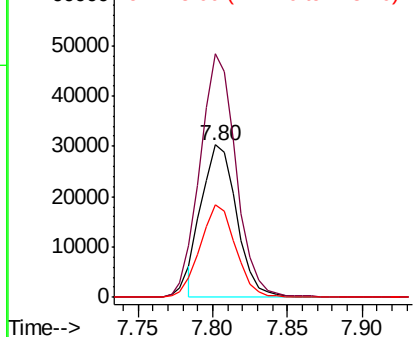
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.80 min Scan# 802
Delta R.T. -0.07 min
Lab File: BG044652.D
Acq: 3 Mar 2020 5:01

Instrument :
BNA_G
ClientSampleId :
PB127195BL

Tgt Ion:152 Resp: 49116
Ion Ratio Lower Upper
152 100
150 159.7 128.9 193.3
115 60.9 47.0 70.4



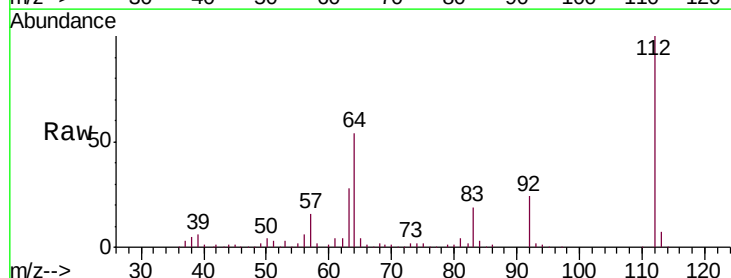
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



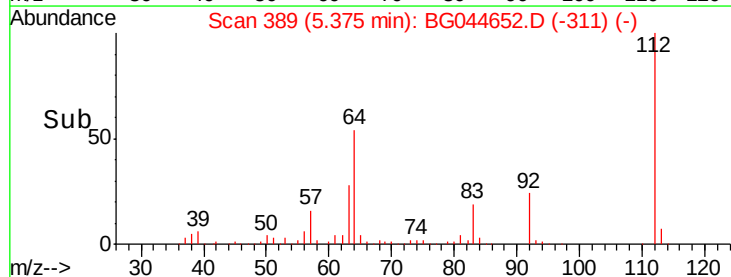
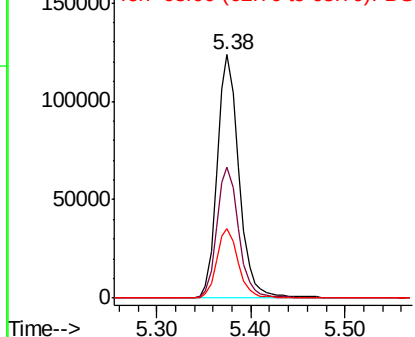
#5

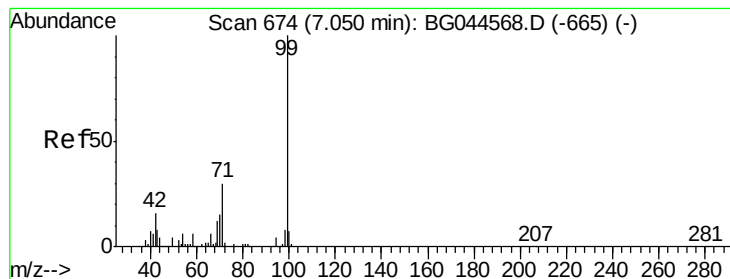
2-Fluorophenol
Concen: 65.689 ng
RT: 5.38 min Scan# 389
Delta R.T. -0.07 min
Lab File: BG044652.D
Acq: 3 Mar 2020 5:01

Tgt Ion:112 Resp: 201087
Ion Ratio Lower Upper
112 100
64 53.8 44.8 67.2
63 28.3 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: 41.835 ng

RT: 6.98 min Scan# 662

Delta R.T. -0.07 min

Lab File: BG044652.D

Acq: 3 Mar 2020 5:01

Instrument :

BNA_G

ClientSampleId :

PB127195BL

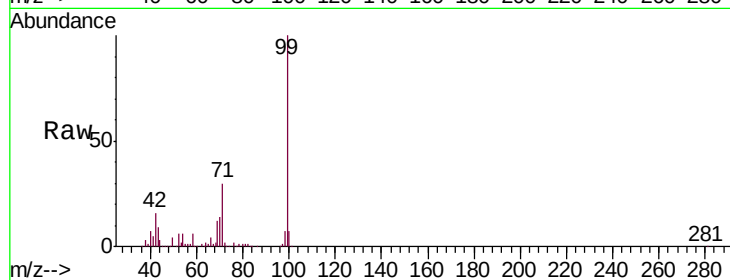
Tgt Ion: 99 Resp: 175298

Ion Ratio Lower Upper

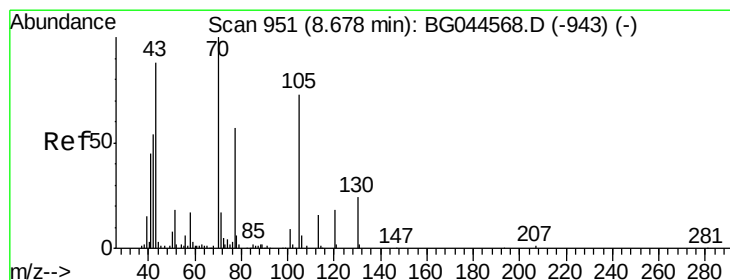
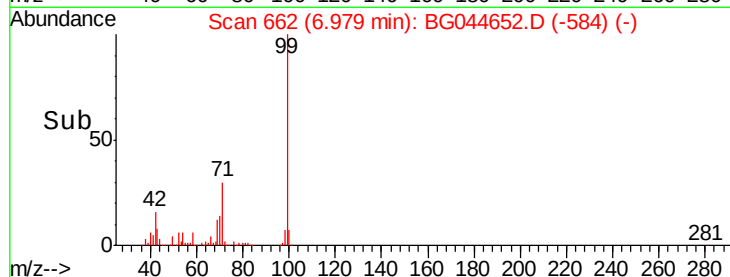
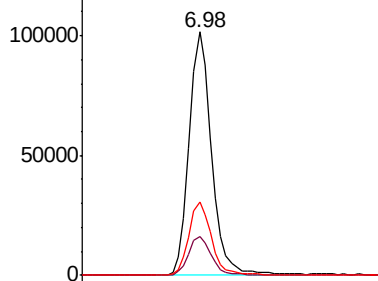
99 100

42 16.0 12.8 19.2

71 30.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 17.854 ng

RT: 8.96 min Scan# 999

Delta R.T. 0.28 min

Lab File: BG044652.D

Acq: 3 Mar 2020 5:01

Tgt Ion: 70 Resp: 48088

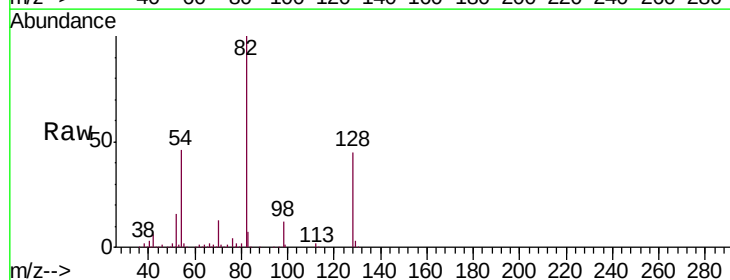
Ion Ratio Lower Upper

70 100

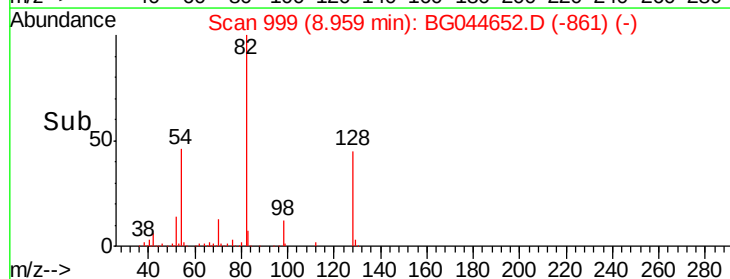
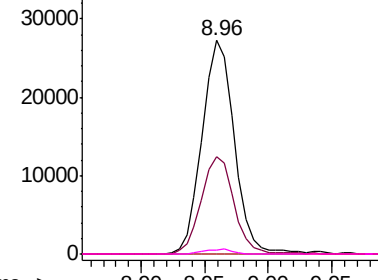
42 45.4 43.4 65.0

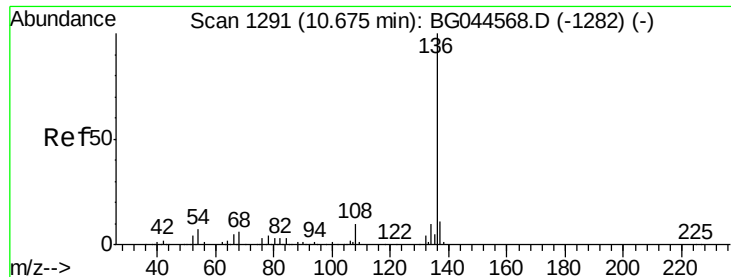
101 0.0 7.5 11.3#

130 1.7 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

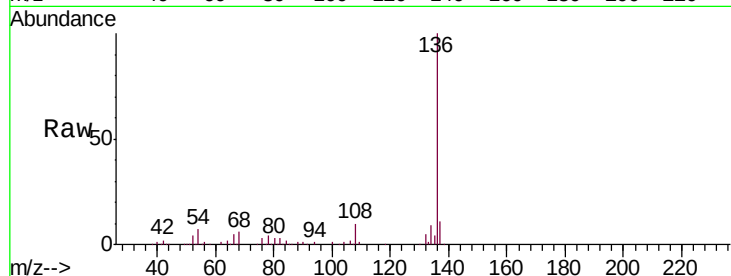




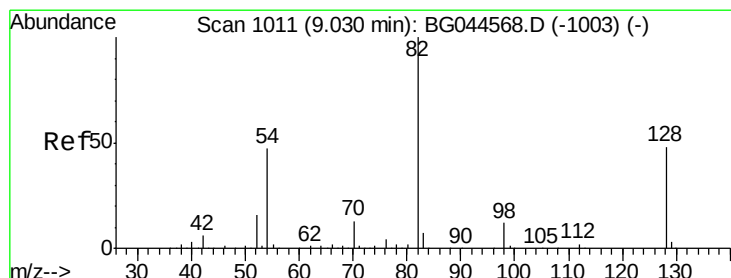
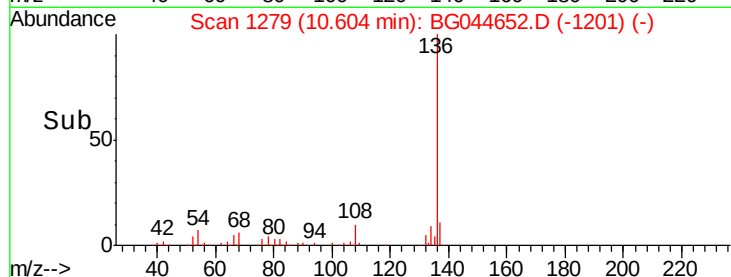
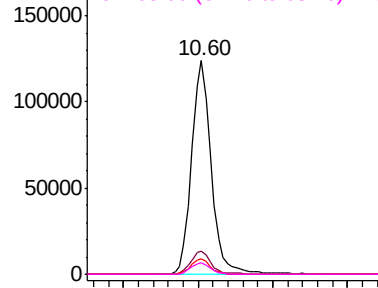
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BG044652.D
Acq: 3 Mar 2020 5:01

Instrument :
BNA_G
ClientSampleId :
PB127195BL

Tgt Ion:	136	Resp:	226657
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.3	5.7	8.5
68	5.5	4.5	6.7

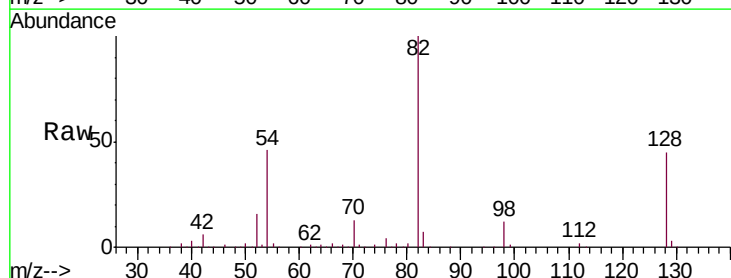


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

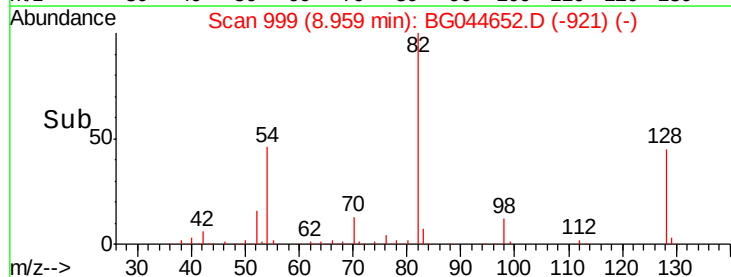
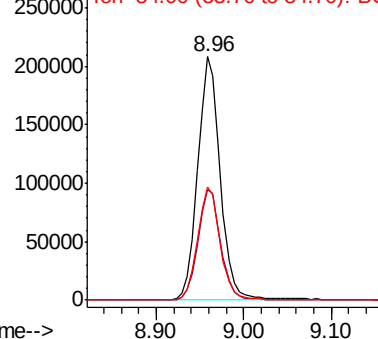


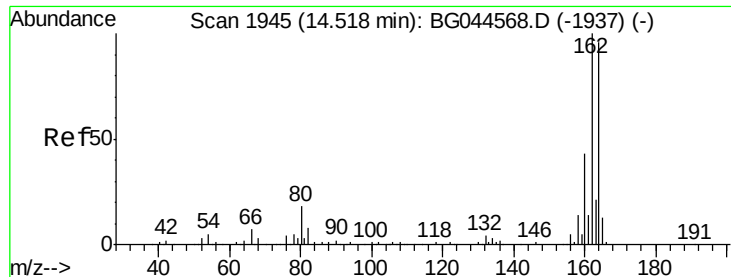
#23
Nitrobenzene-d5
Concen: 83.588 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.07 min
Lab File: BG044652.D
Acq: 3 Mar 2020 5:01

Tgt Ion:	82	Resp:	367749
Ion	Ratio	Lower	Upper
82	100		
128	45.5	38.1	57.1
54	46.3	37.5	56.3



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: 14.45 min Scan# 1934

Delta R.T. -0.07 min

Lab File: BG044652.D

Acq: 3 Mar 2020 5:01

Instrument :

BNA_G

ClientSampleId :

PB127195BL

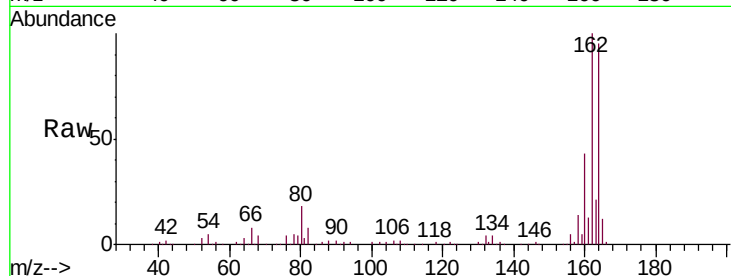
Tgt Ion:164 Resp: 163622

Ion Ratio Lower Upper

164 100

162 105.6 83.6 125.4

160 45.5 36.2 54.4

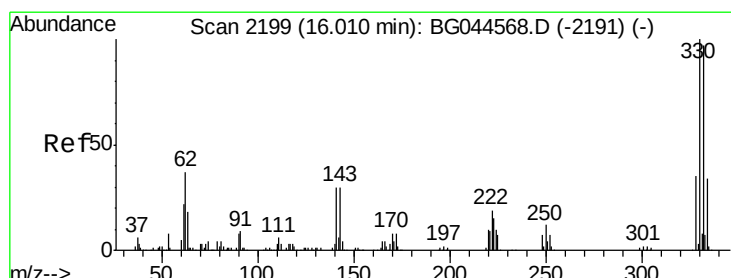
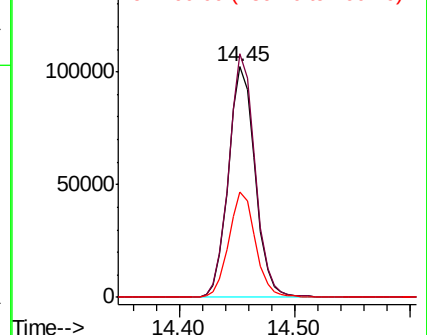
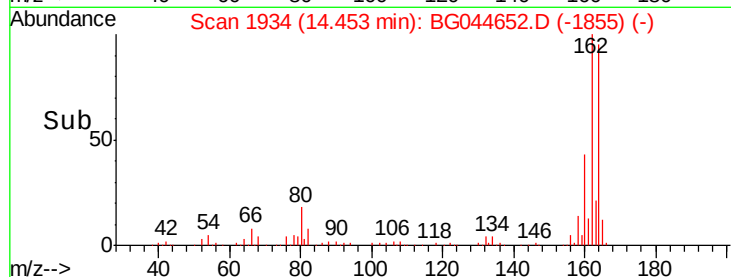


Abundance

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: 86.285 ng

RT: 15.95 min Scan# 2188

Delta R.T. -0.07 min

Lab File: BG044652.D

Acq: 3 Mar 2020 5:01

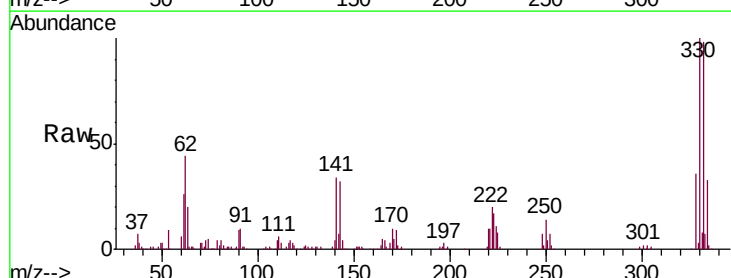
Tgt Ion:330 Resp: 200183

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.0

141 33.6 26.1 39.1

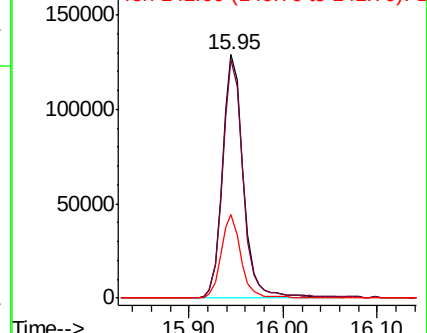
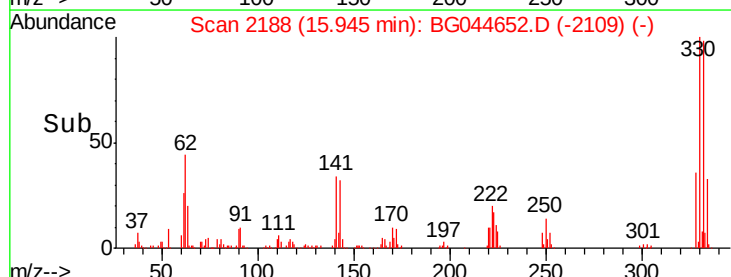


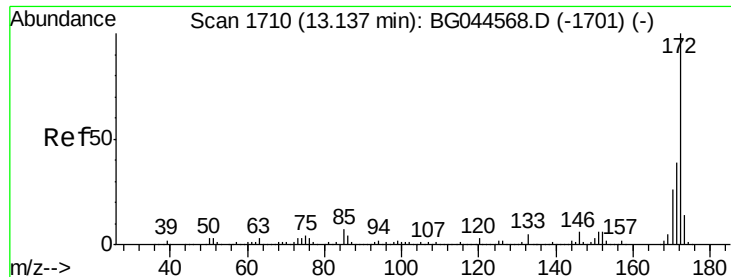
Abundance

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

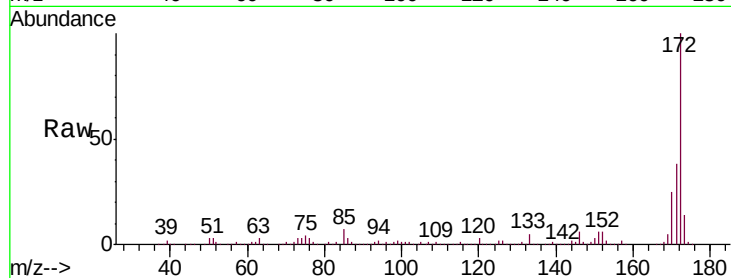




#45
 2-Fluorobiphenyl
 Concen: 82.154 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.07 min
 Lab File: BG044652.D
 Acq: 3 Mar 2020 5:01

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BL

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.3	46.9
170	25.2	21.0	31.4

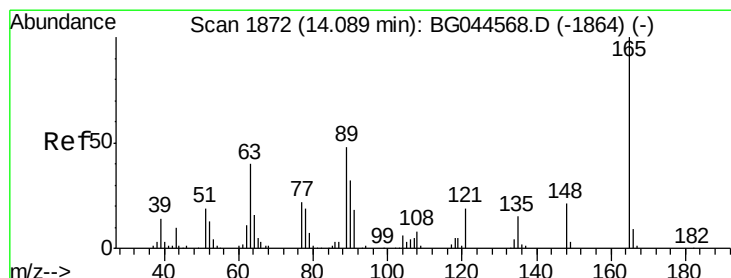
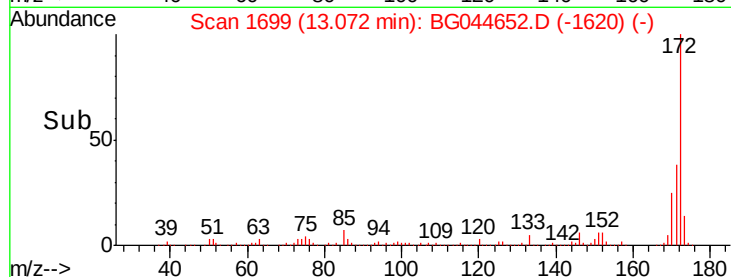
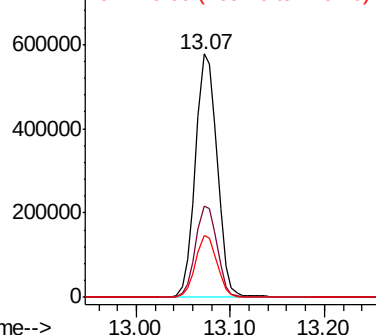


Abundance

Ion 172.00 (171.70 to 172.70): E

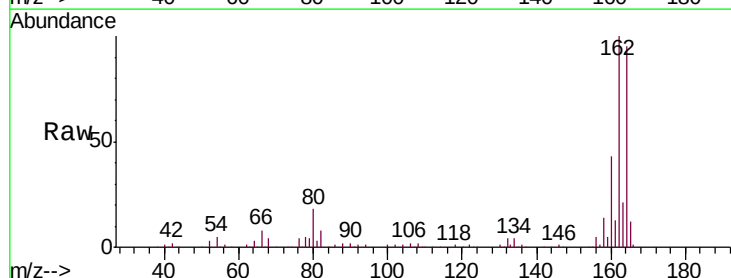
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#51
 2,6-Dinitrotoluene
 Concen: 7.128 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. 0.36 min
 Lab File: BG044652.D
 Acq: 3 Mar 2020 5:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	35.8	53.6#
89	0.0	38.7	58.1#

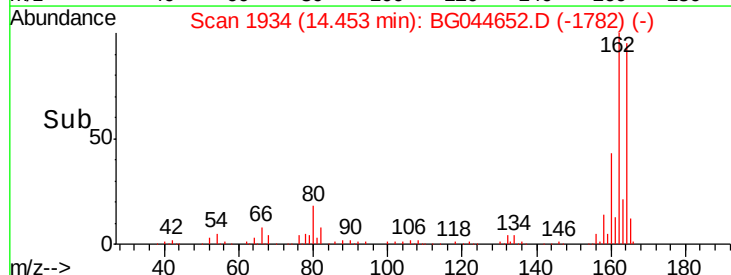
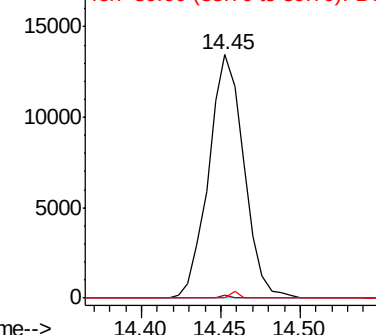


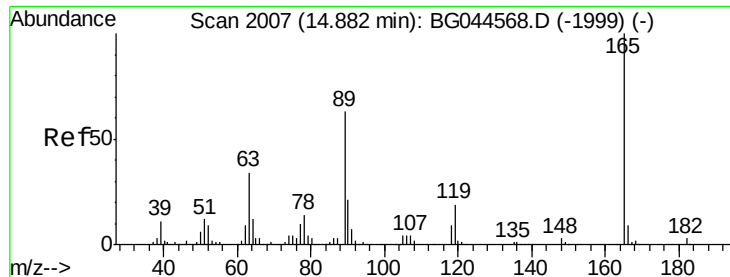
Abundance

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

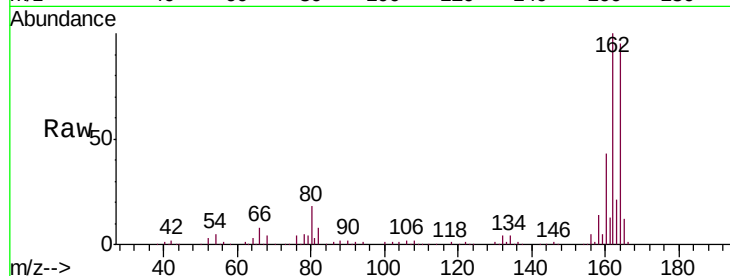




#57
 2,4-Dinitrotoluene
 Concen: 5.070 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. -0.43 min
 Lab File: BG044652.D
 Acq: 3 Mar 2020 5:01

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	27.5	41.3#
89	0.0	50.0	75.0#
182	0.0	2.3	3.5#



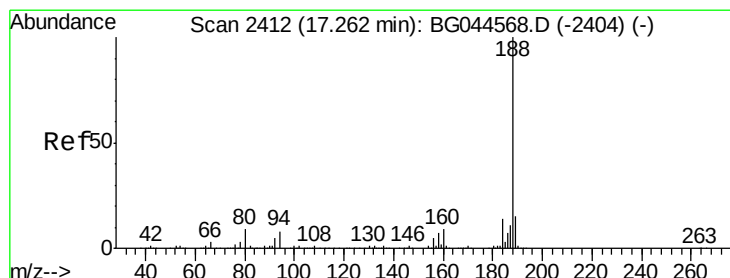
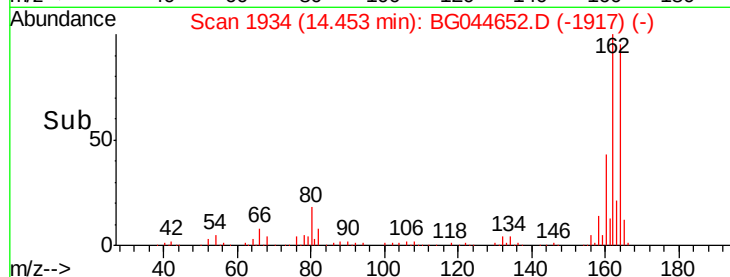
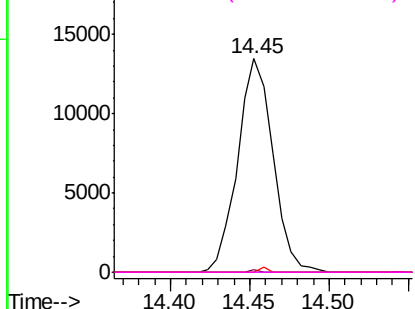
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

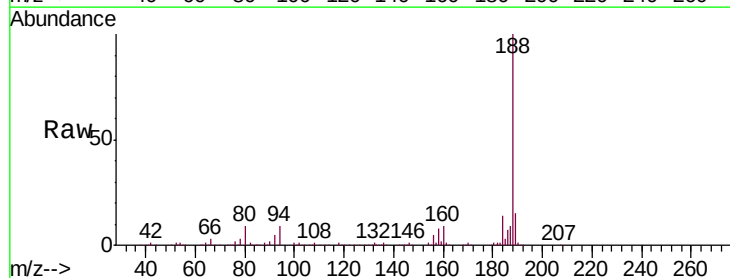
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.20 min Scan# 2401
 Delta R.T. -0.07 min
 Lab File: BG044652.D
 Acq: 3 Mar 2020 5:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.7	10.1
80	9.5	7.6	11.4

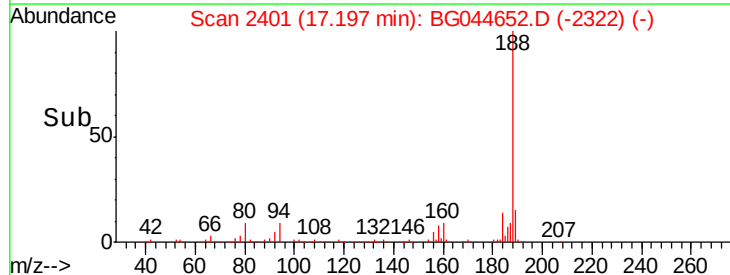
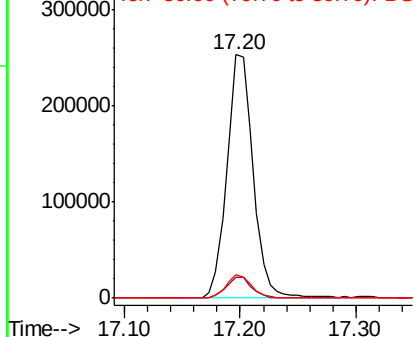


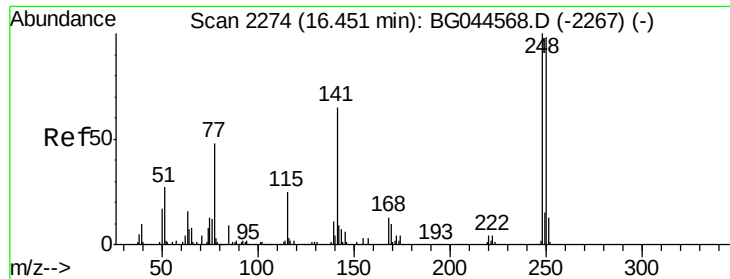
Abundance

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

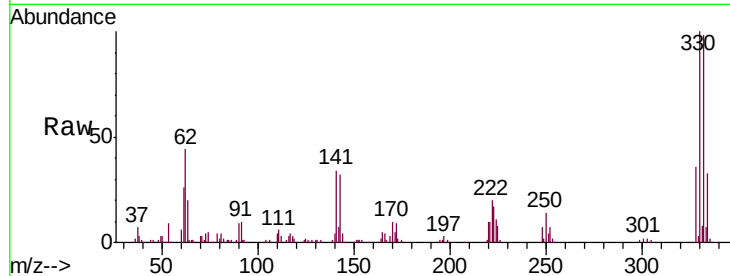




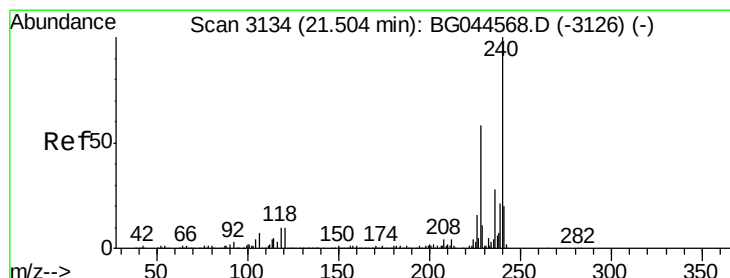
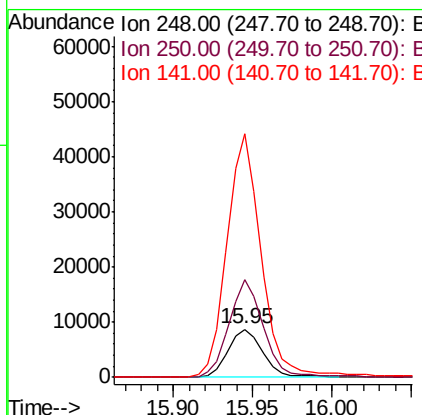
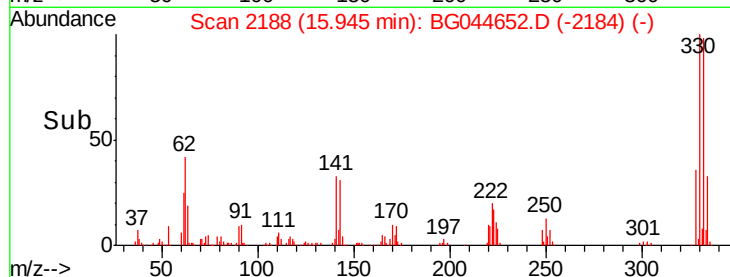
#67
 4-Bromophenyl-phenylether
 Concen: 2.678 ng
 RT: 15.95 min Scan# 2188
 Delta R.T. -0.51 min
 Lab File: BG044652.D
 Acq: 3 Mar 2020 5:01

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BL

Tgt Ion:248 Resp: 13220
 Ion Ratio Lower Upper
 248 100
 250 202.4 78.7 118.1#
 141 506.7 52.3 78.5#

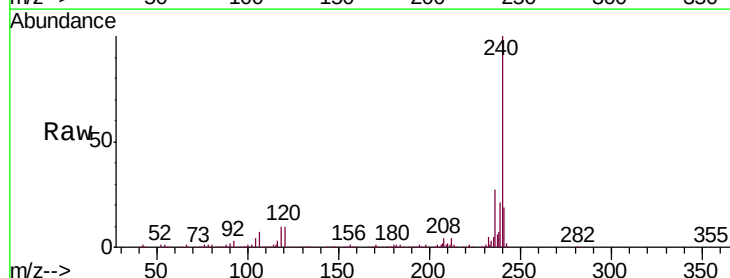


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

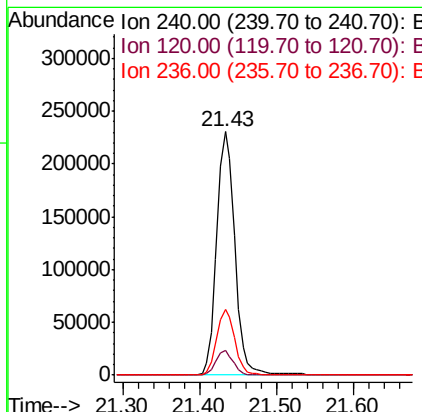
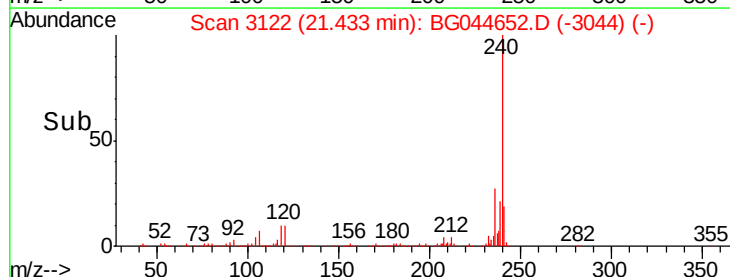


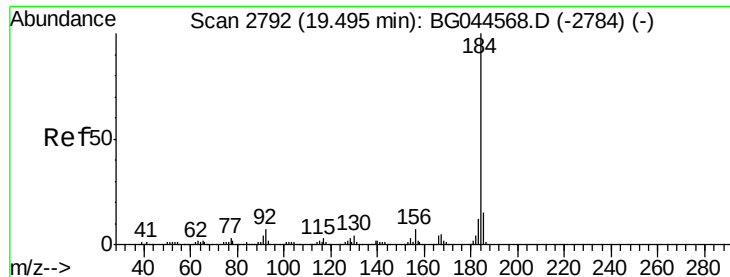
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.43 min Scan# 3122
 Delta R.T. -0.07 min
 Lab File: BG044652.D
 Acq: 3 Mar 2020 5:01

Tgt Ion:240 Resp: 374844
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.3 12.5
 236 26.9 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: 2.052 ng

RT: 19.82 min Scan# 2848

Delta R.T. 0.33 min

Lab File: BG044652.D

Acq: 3 Mar 2020 5:01

Instrument :

BNA_G

ClientSampled :

PB127195BL

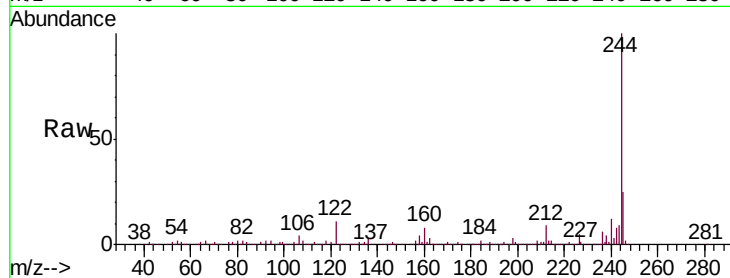
Tgt Ion:184 Resp: 26348

Ion Ratio Lower Upper

184 100

185 15.5 12.2 18.4

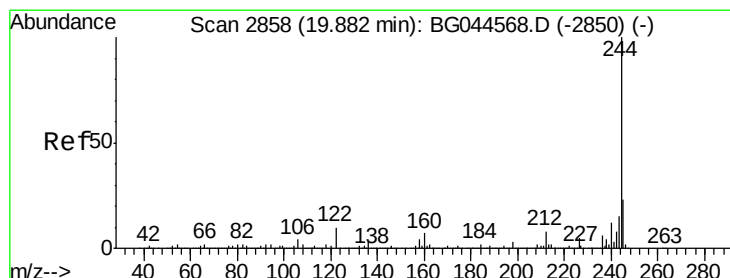
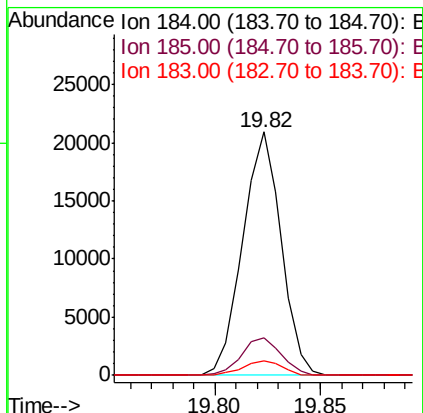
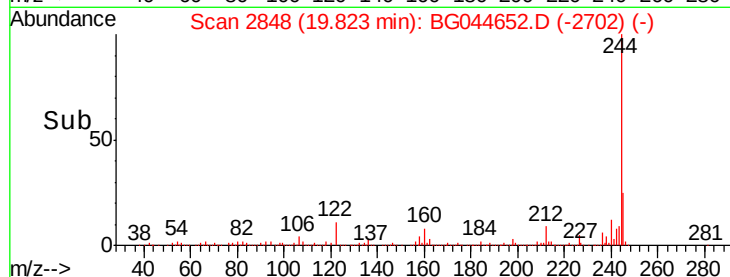
183 6.1 9.9 14.9#



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: 87.259 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.06 min

Lab File: BG044652.D

Acq: 3 Mar 2020 5:01

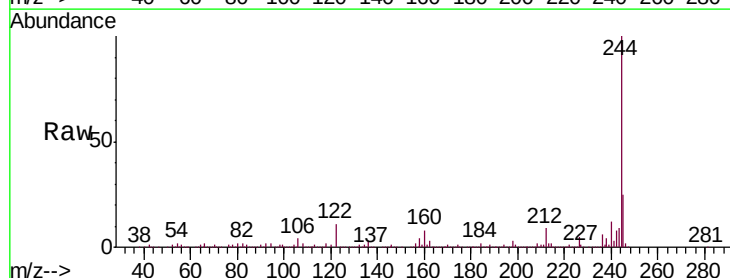
Tgt Ion:244 Resp: 1727813

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

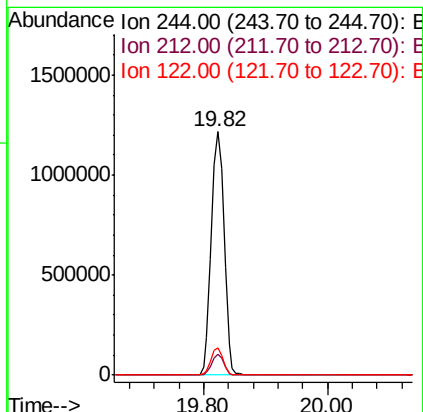
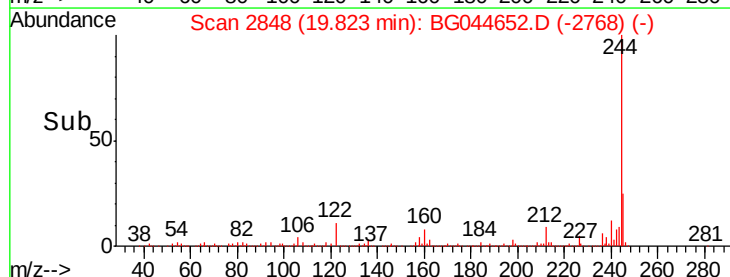
122 11.1 8.2 12.4

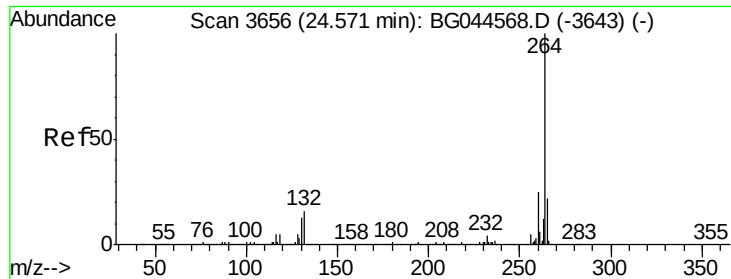


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.45 min Scan# 3635
Delta R.T. -0.12 min
Lab File: BG044652.D
Acq: 3 Mar 2020 5:01

Instrument :
BNA_G
ClientSampleId :
PB127195BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	21.6	17.8	26.8

