

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
 Data File : BG046560.D
 Acq On : 8 Sep 2020 16:35
 Operator : CG/JU
 Sample : L3919-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-13

Quant Time: Sep 08 18:56:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

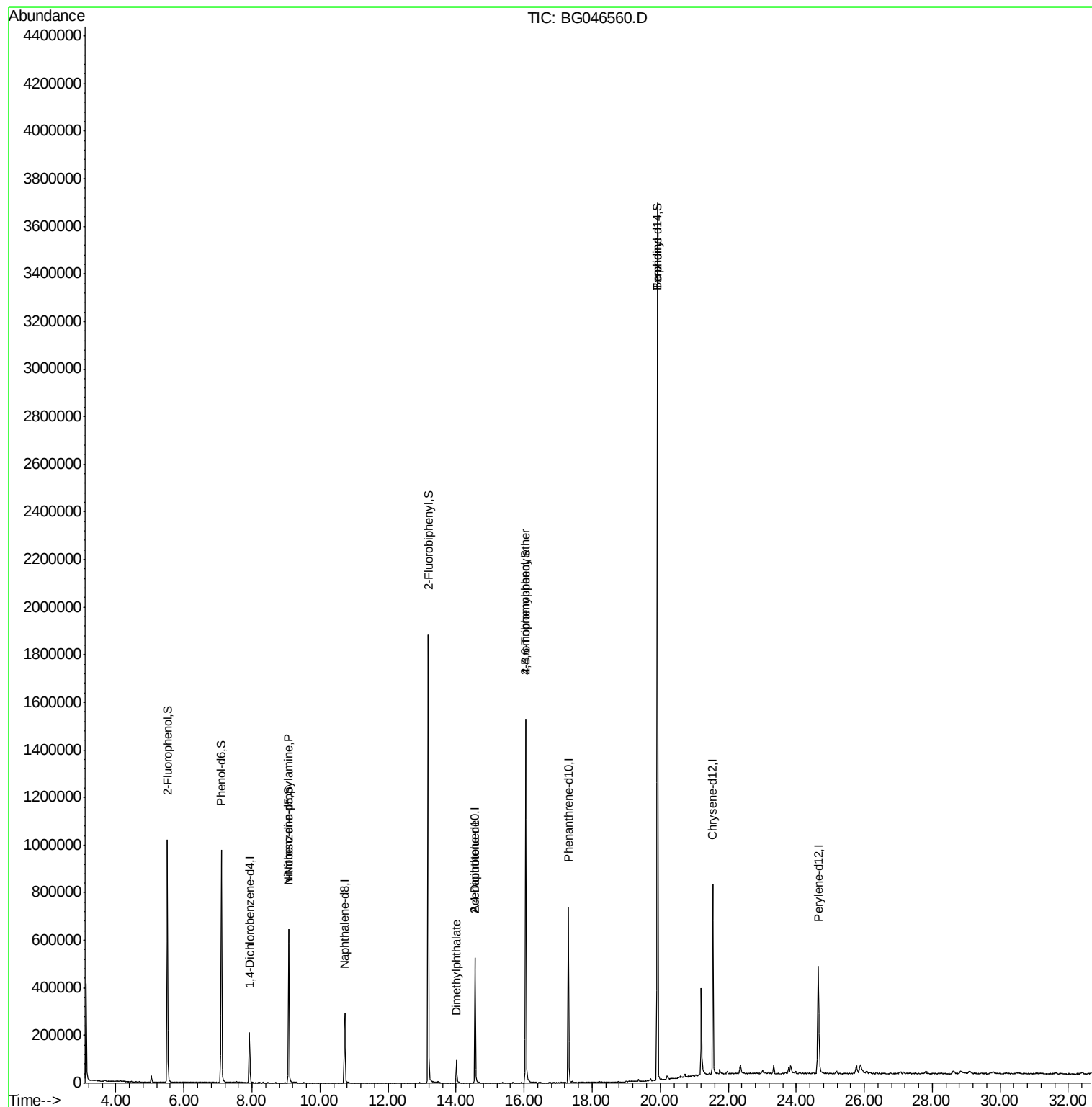
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	67910	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	277152	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	198092	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	500201	20.00	ng	0.00
76) Chrysene-d12	21.55	240	505637	20.00	ng	0.00
86) Perylene-d12	24.65	264	490716	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	471907	123.08	ng	0.00
7) Phenol-d6	7.10	99	633779	116.60	ng	0.00
23) Nitrobenzene-d5	9.08	82	421797	86.98	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	327600	122.06	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1071936	82.61	ng	0.00
79) Terphenyl-d14	19.92	244	1681302	70.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	55513	17.075	ng	Qvalue
50) Dimethylphthalate	14.01	163	84398	5.507	ng	# 77
57) 2,4-Dinitrotoluene	14.56	165	26511	5.504	ng	# 32
67) 4-Bromophenyl-phenylether	16.04	248	24827	4.254	ng	# 1
77) Benzidine	19.92	184	25733	2.190	ng	# 94

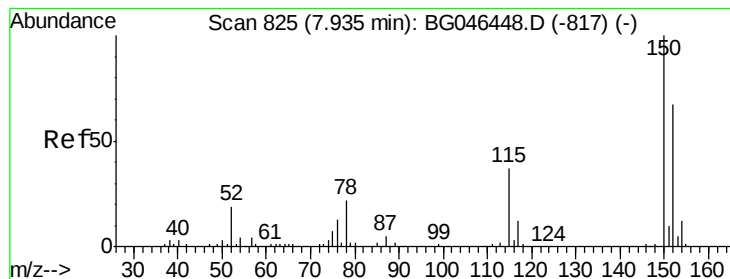
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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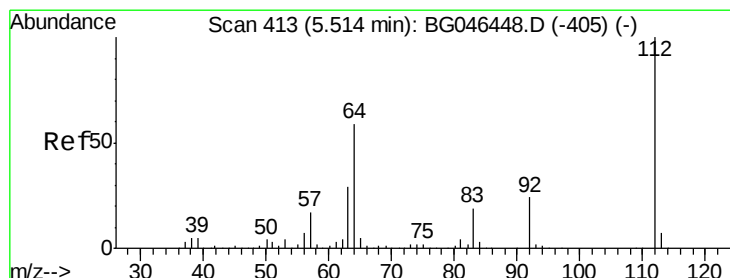
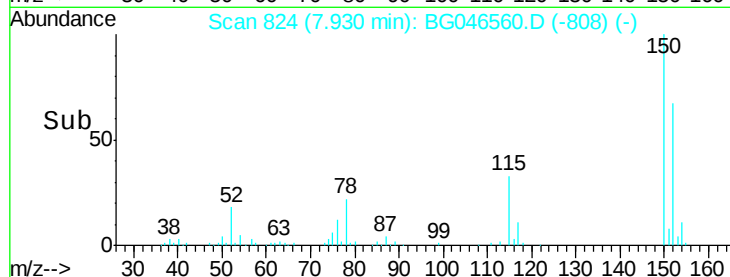
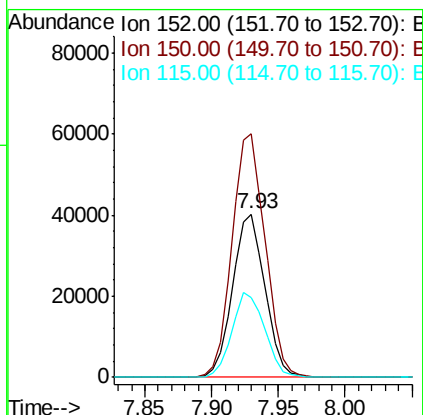
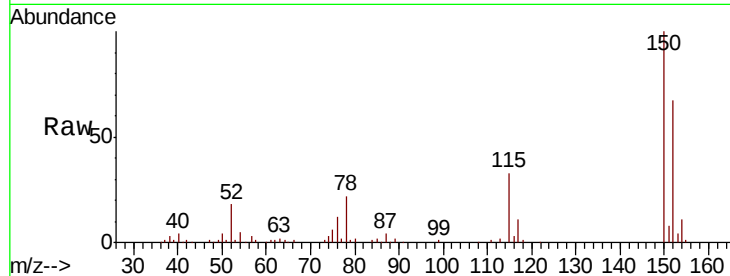


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046560.D
Acq: 8 Sep 2020 16:35

Instrument :
BNA_G
ClientSampleId :
TP-13

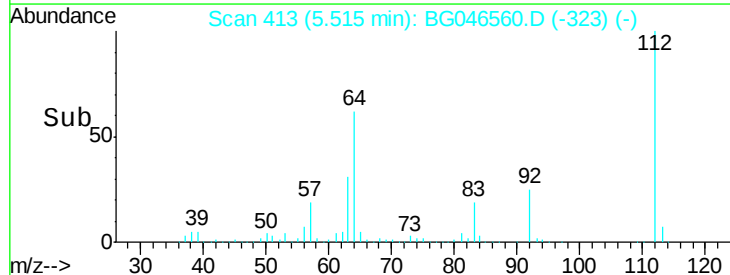
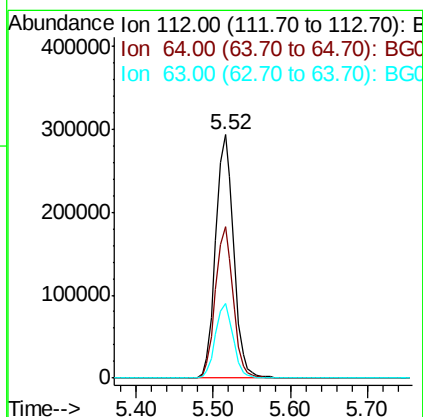
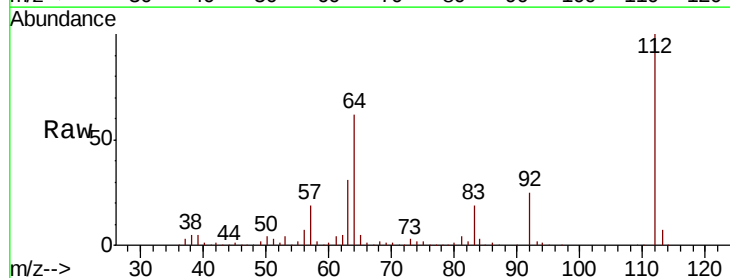
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.0	119.5	179.3
115	48.5	44.3	66.5

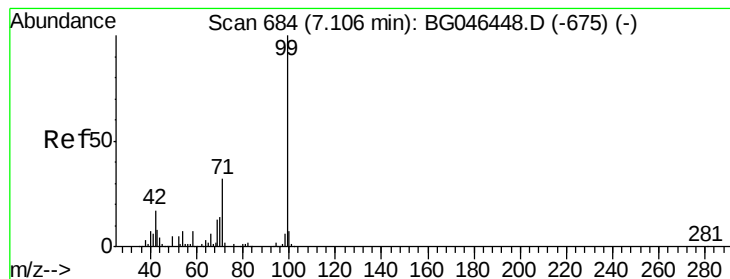


#5

2-Fluorophenol
Concen: 123.080 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046560.D
Acq: 8 Sep 2020 16:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	47.0	70.6
63	30.6	23.5	35.3





#7

Phenol-d6

Concen: 116.604 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046560.D

Acq: 8 Sep 2020 16:35

Instrument :

BNA_G

ClientSampleId :

TP-13

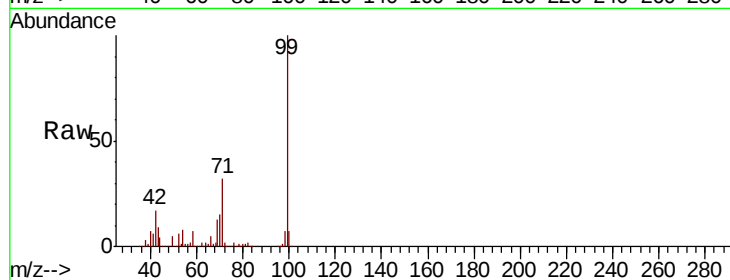
Tot Ion: 99 Resp: 633779

Ion Ratio Lower Upper

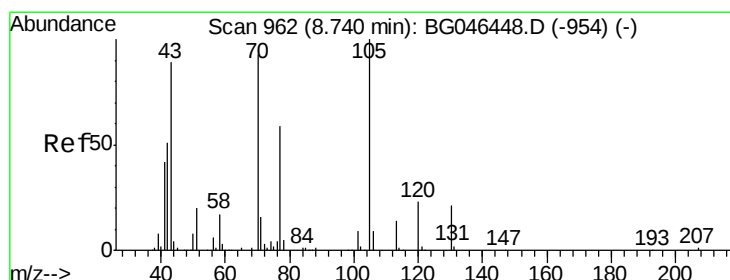
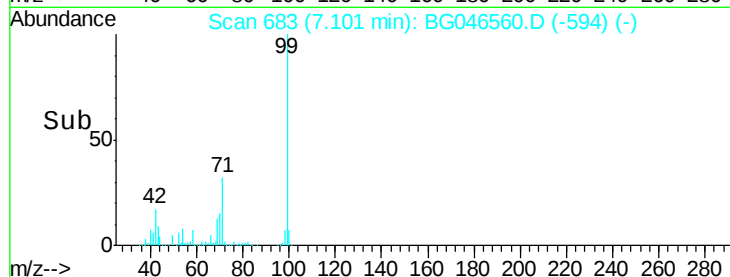
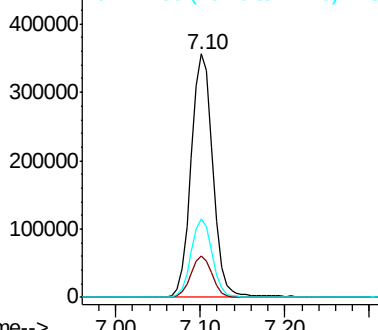
99 100

42 17.1 13.3 19.9

71 32.0 25.3 37.9



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: 17.075 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046560.D

Acq: 8 Sep 2020 16:35

Tgt Ion: 70 Resp: 55513

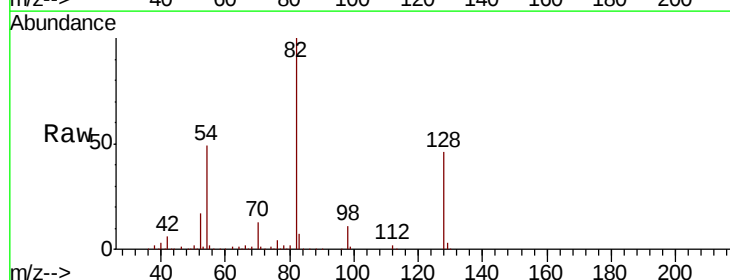
Ion Ratio Lower Upper

70 100

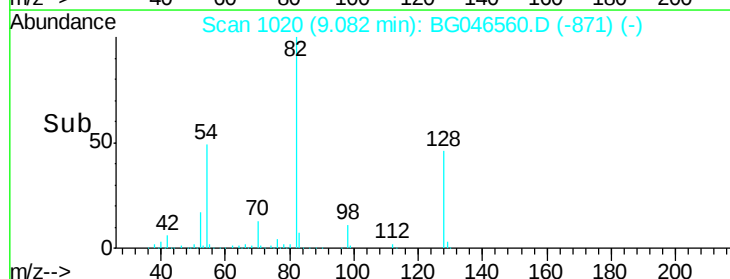
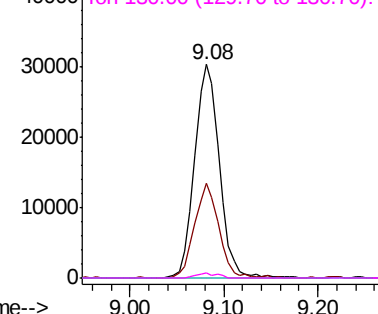
42 44.5 44.2 66.2

101 0.0 7.8 11.8#

130 2.3 18.2 27.4#



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

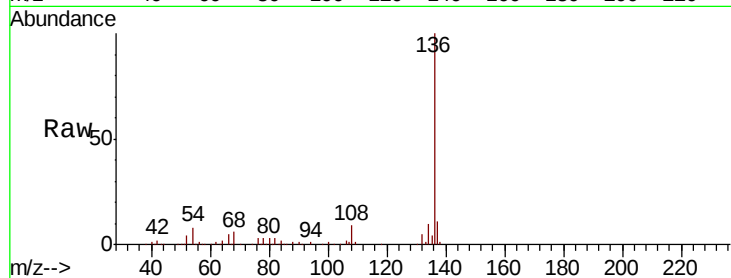




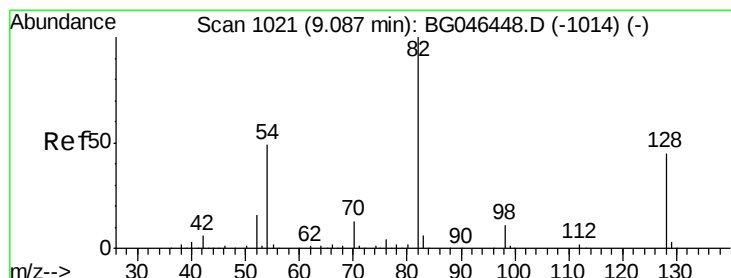
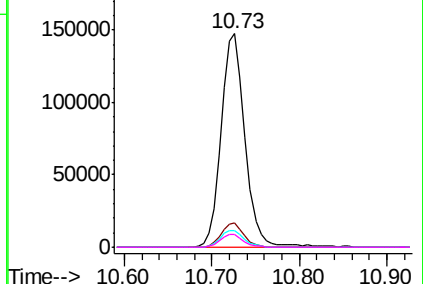
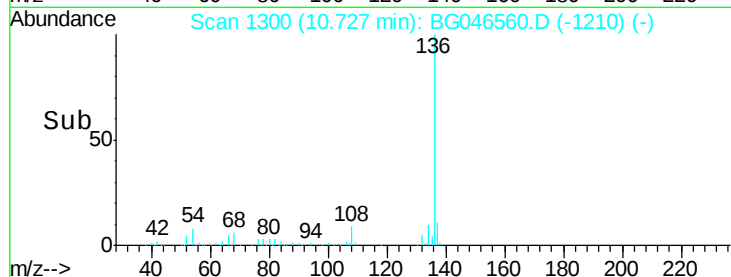
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046560.D
Acq: 8 Sep 2020 16:35

Instrument :
BNA_G
ClientSampleId :
TP-13

Tot Ion:136	Resp:	277152
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.8	13.2
54 8.0	6.1	9.1
68 6.0	4.8	7.2

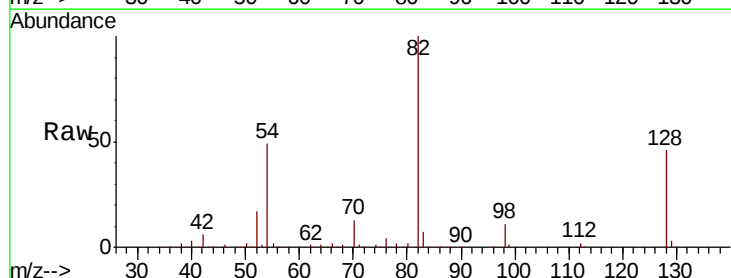


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

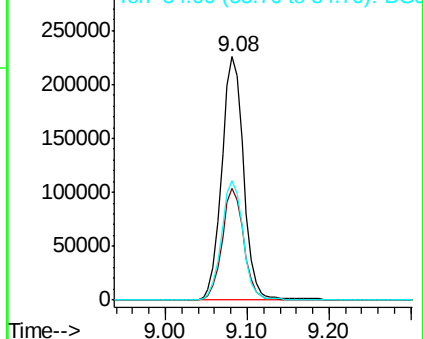
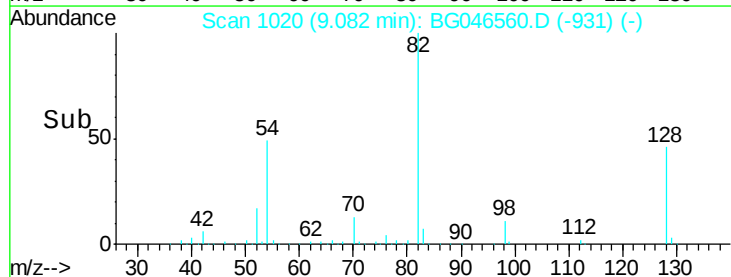


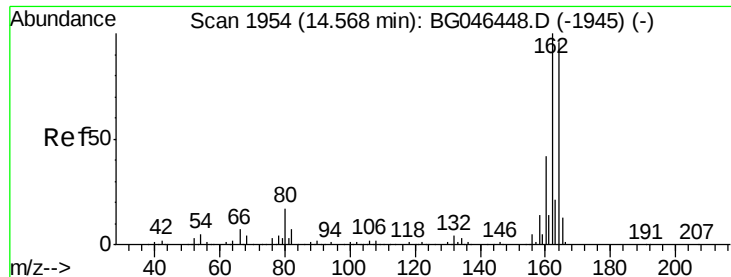
#23
Nitrobenzene-d5
Concen: 86.984 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046560.D
Acq: 8 Sep 2020 16:35

Tgt	Ion: 82	Resp:	421797
Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.7	53.5
54	49.2	39.4	59.0



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: 14.56 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG046560.D

Acq: 8 Sep 2020 16:35

Instrument :

BNA_G

ClientSampleId :

TP-13

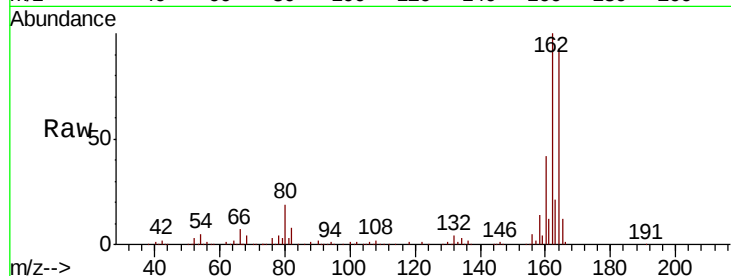
Tot Ion:164 Resp: 198092

Ion Ratio Lower Upper

164 100

162 107.6 83.3 124.9

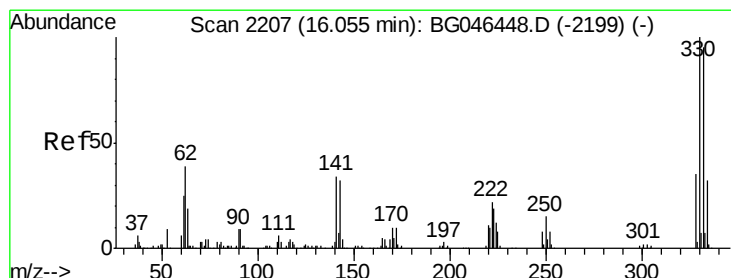
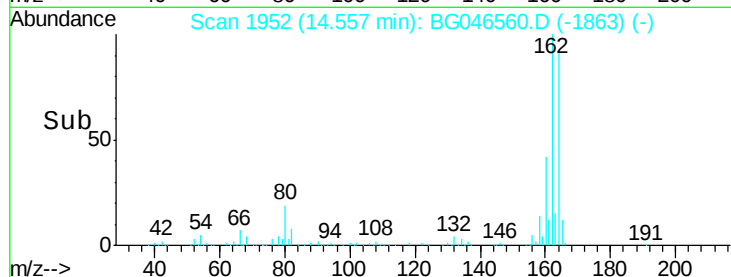
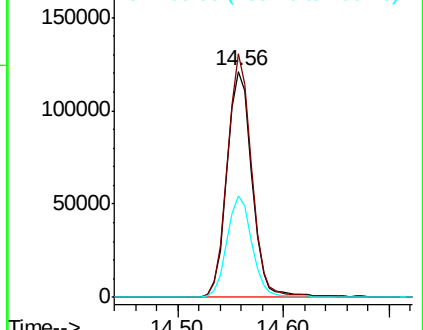
160 44.7 35.0 52.6



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: 122.056 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG046560.D

Acq: 8 Sep 2020 16:35

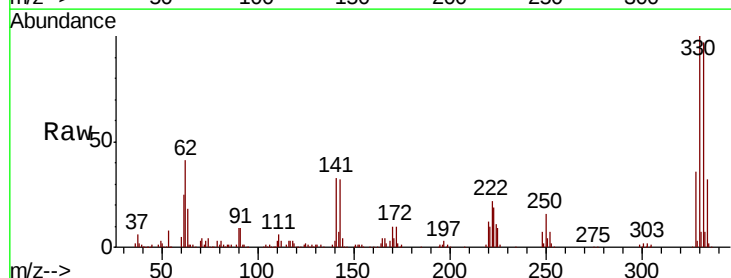
Tgt Ion:330 Resp: 327600

Ion Ratio Lower Upper

330 100

332 97.5 76.1 114.1

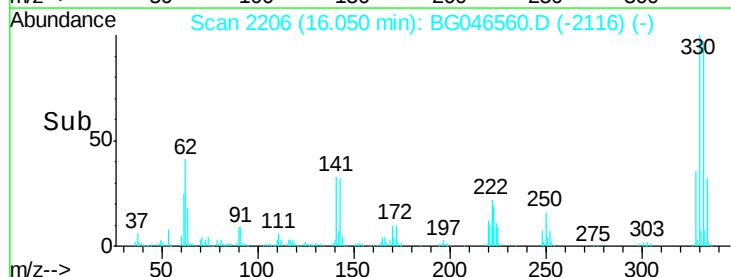
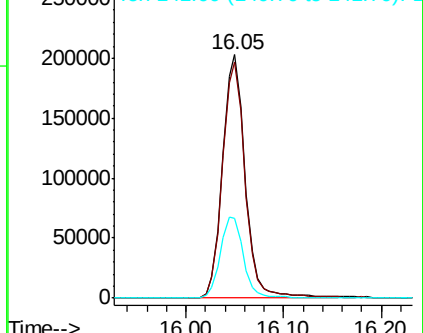
141 34.3 26.1 39.1

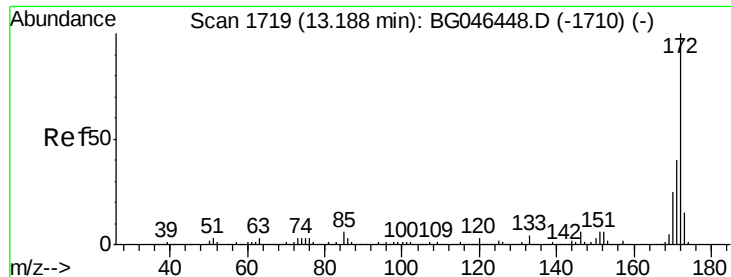


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

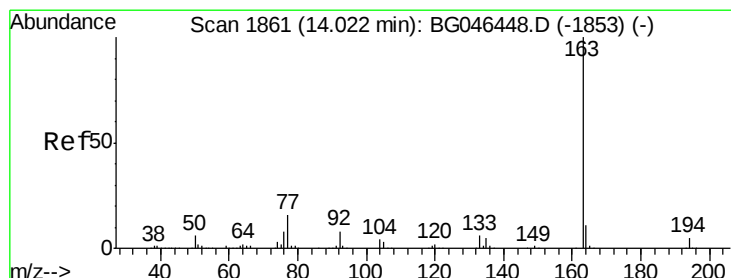
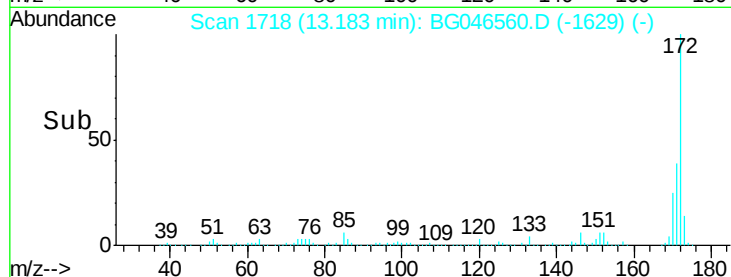
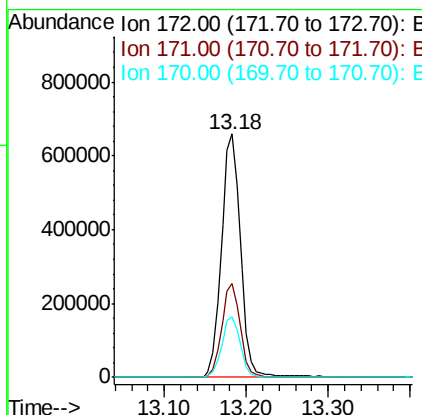
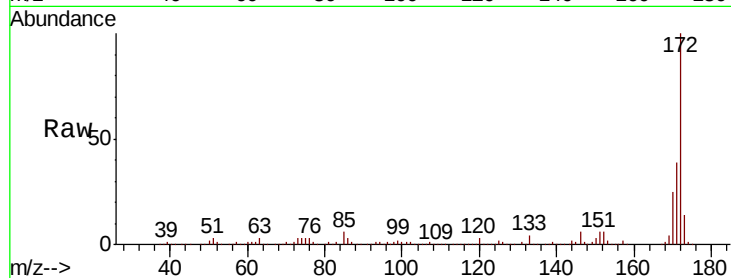




#45
2-Fluorobiphenyl
Concen: 82.607 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046560.D
Acq: 8 Sep 2020 16:35

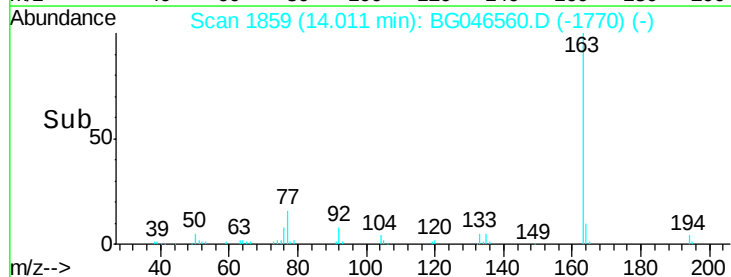
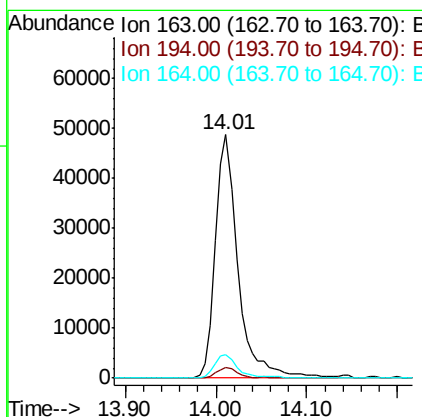
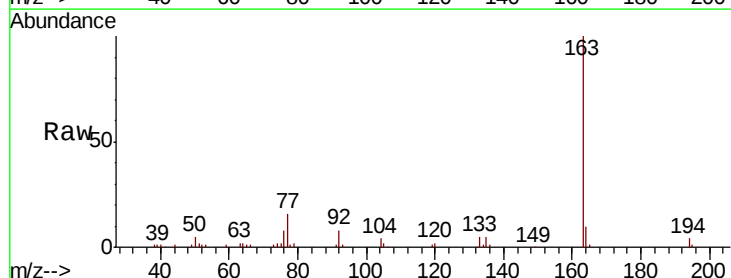
Instrument :
BNA_G
ClientSampleId :
TP-13

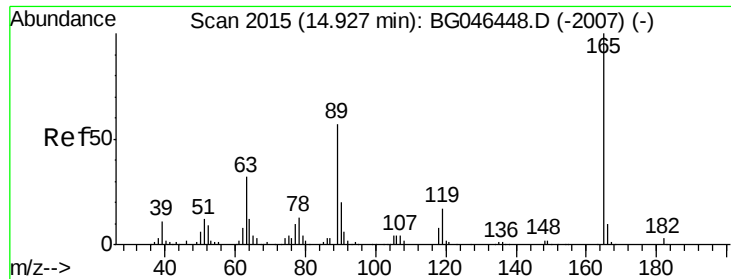
Tot Ion:172 Resp: 1071936
Ion Ratio Lower Upper
172 100
171 38.6 31.8 47.6
170 24.8 20.3 30.5



#50
Dimethylphthalate
Concen: 5.507 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BG046560.D
Acq: 8 Sep 2020 16:35

Tgt Ion:163 Resp: 84398
Ion Ratio Lower Upper
163 100
194 4.3 3.7 5.5
164 9.6 8.6 12.8

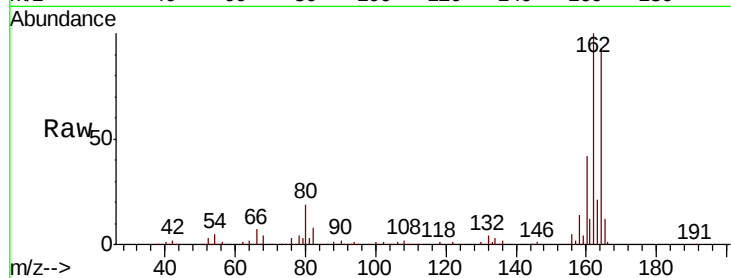




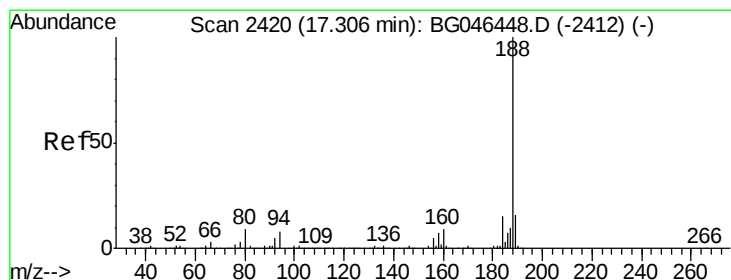
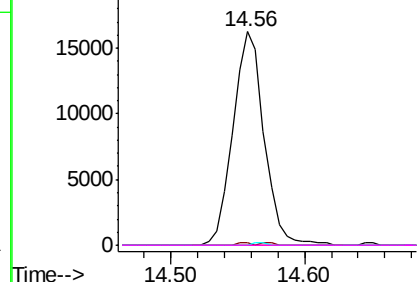
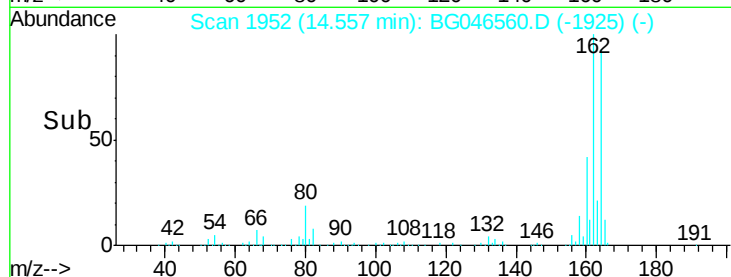
#57
 2,4-Dinitrotoluene
 Concen: 5.504 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.37 min
 Lab File: BG046560.D
 Acq: 8 Sep 2020 16:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-13

Tot Ion:165 Resp: 26511
 Ion Ratio Lower Upper
 165 100
 63 1.1 25.4 38.0#
 89 0.0 45.9 68.9#
 182 0.0 2.3 3.5#

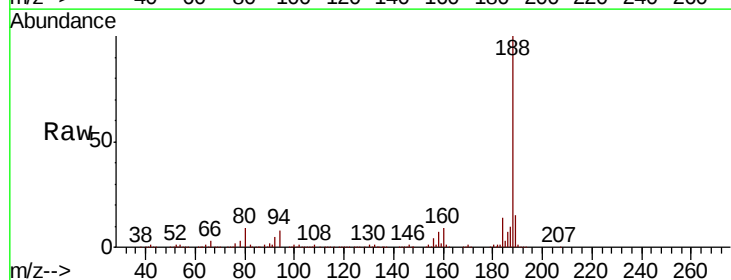


Abundance Ion 165.00 (164.70 to 165.70): E
 25000 Ion 63.00 (62.70 to 63.70): BGC
 20000 Ion 89.00 (88.70 to 89.70): BGC
 15000 Ion 182.00 (181.70 to 182.70): E

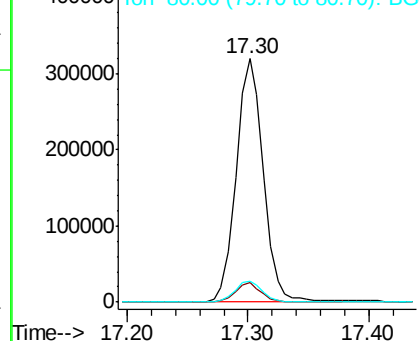
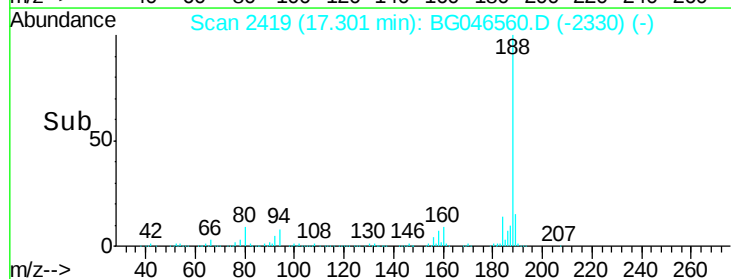


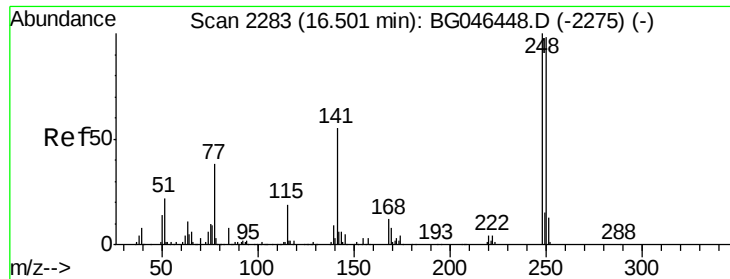
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: BG046560.D
 Acq: 8 Sep 2020 16:35

Tgt Ion:188 Resp: 500201
 Ion Ratio Lower Upper
 188 100
 94 7.9 6.3 9.5
 80 8.7 6.9 10.3



Abundance Ion 188.00 (187.70 to 188.70): E
 400000 Ion 94.00 (93.70 to 94.70): BGC
 300000 Ion 80.00 (79.70 to 80.70): BGC

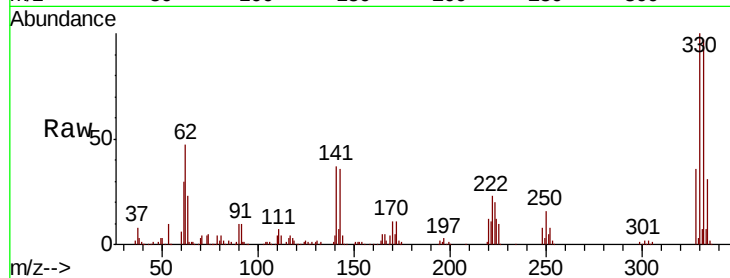




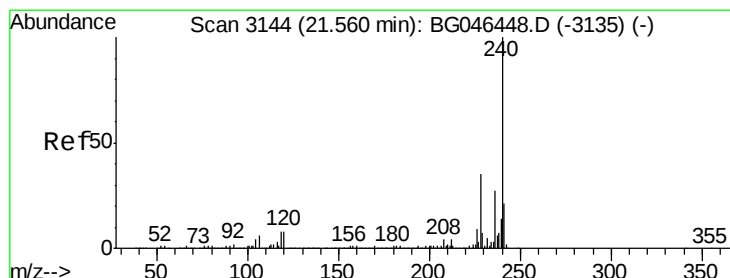
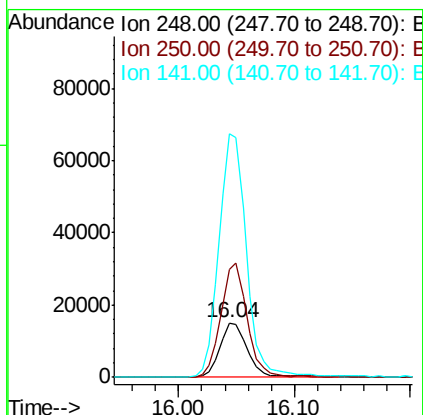
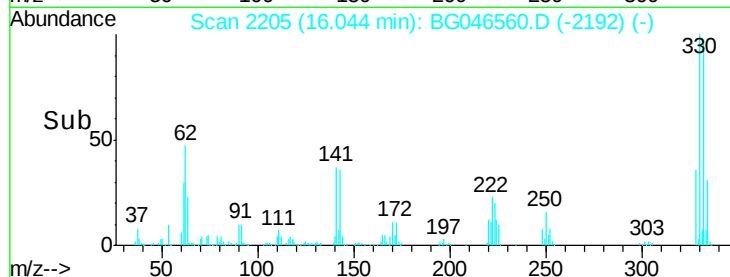
#67
 4-Bromophenyl-phenylether
 Concen: 4.254 ng
 RT: 16.04 min Scan# 2205
 Delta R.T. -0.45 min
 Lab File: BG046560.D
 Acq: 8 Sep 2020 16:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-13

Tot Ion:248 Resp: 24827
 Ion Ratio Lower Upper
 248 100
 250 197.4 78.6 118.0#
 141 444.4 43.9 65.9#

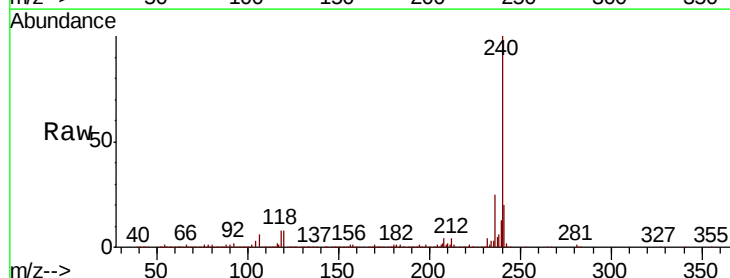


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

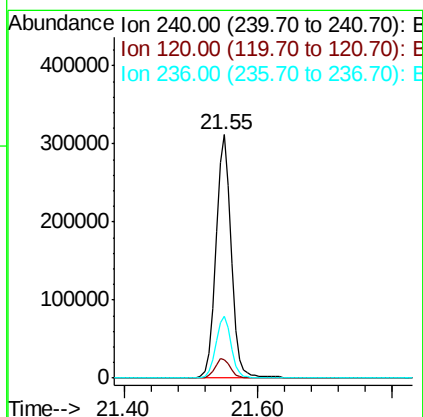
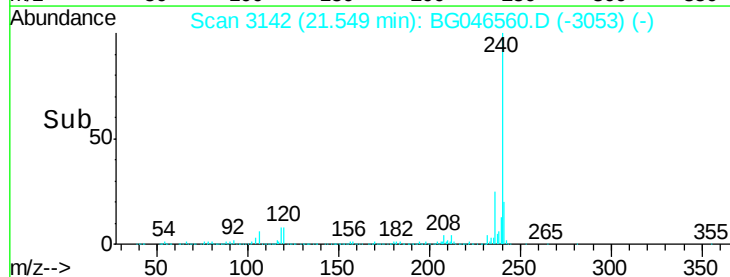


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG046560.D
 Acq: 8 Sep 2020 16:35

Tgt Ion:240 Resp: 505637
 Ion Ratio Lower Upper
 240 100
 120 7.7 6.6 10.0
 236 25.5 21.4 32.2



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: 2.190 ng

RT: 19.92 min Scan# 2864

Delta R.T. 0.38 min

Lab File: BG046560.D

Acq: 8 Sep 2020 16:35

Instrument :

BNA_G

ClientSampled :

TP-13

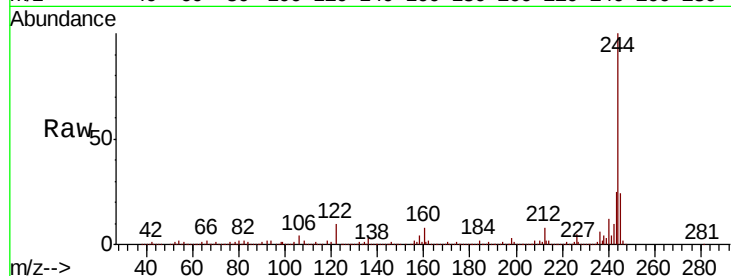
Tot Ion:184 Resp: 25733

Ion Ratio Lower Upper

184 100

185 18.8 11.8 17.8#

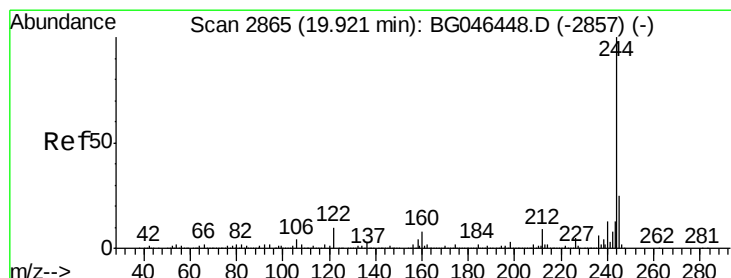
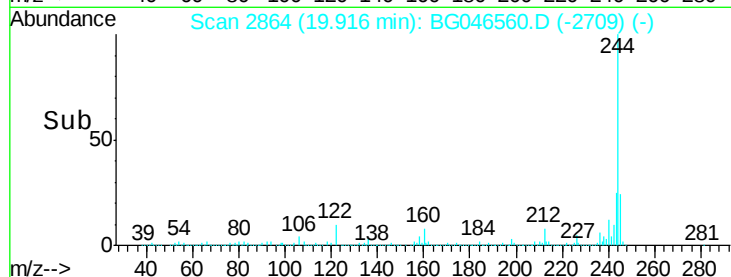
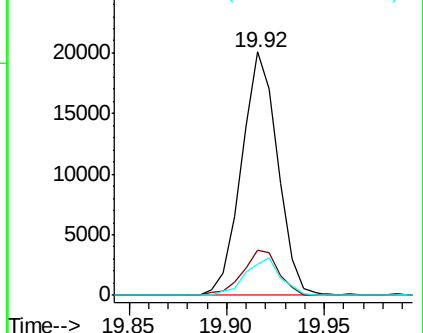
183 12.9 10.7 16.1



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: 70.764 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046560.D

Acq: 8 Sep 2020 16:35

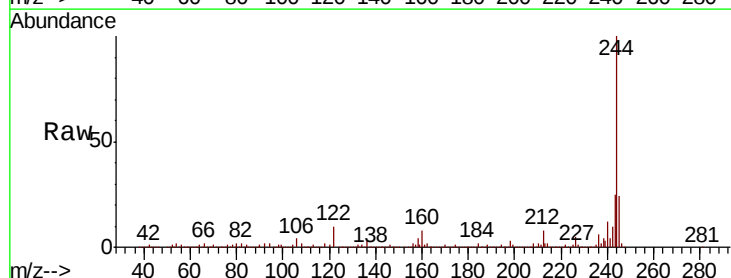
Tgt Ion:244 Resp: 1681302

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

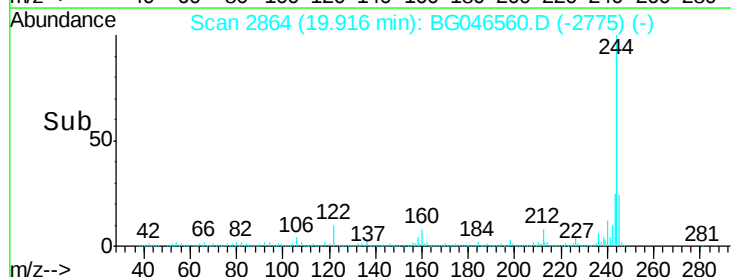
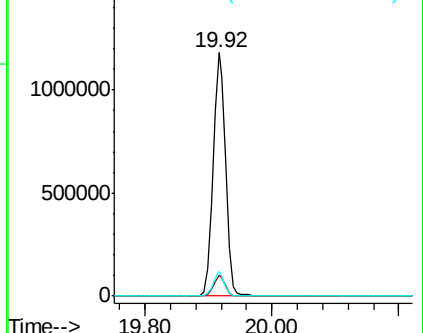
122 10.0 8.2 12.4

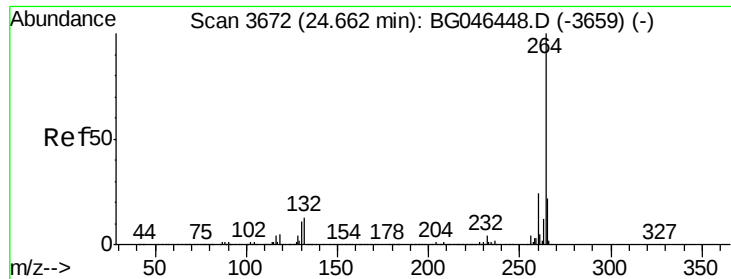


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.65 min Scan# 3669
 Delta R.T. -0.01 min
 Lab File: BG046560.D
 Acq: 8 Sep 2020 16:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-13

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	17.9	26.9

