

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
 Data File : BG046561.D
 Acq On : 8 Sep 2020 17:15
 Operator : CG/JU
 Sample : L3919-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-14

Quant Time: Sep 08 18:56:30 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

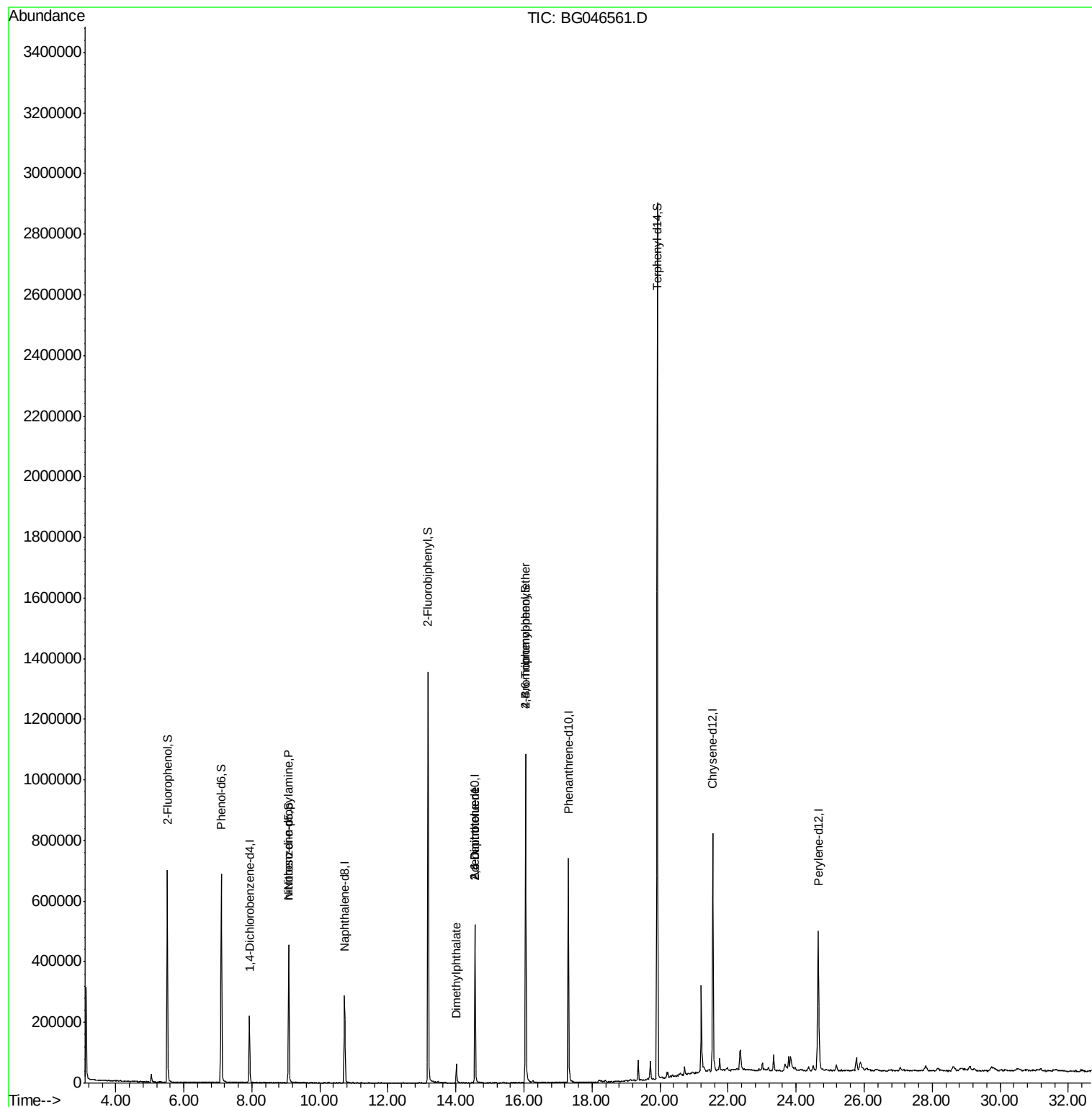
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	67947	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	275100	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	196844	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	501396	20.00	ng	0.00
76) Chrysene-d12	21.55	240	503264	20.00	ng	0.00
86) Perylene-d12	24.65	264	492501	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	338679	88.28	ng	0.00
7) Phenol-d6	7.10	99	452647	83.23	ng	0.00
23) Nitrobenzene-d5	9.08	82	297605	61.83	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	237082	88.89	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	803393	62.30	ng	0.00
79) Terphenyl-d14	19.92	244	1318944	55.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	37396	11.496	ng	Qvalue # 74
50) Dimethylphthalate	14.01	163	59421	3.902	ng	97
51) 2,6-Dinitrotoluene	14.56	165	26232	7.814	ng	# 33
57) 2,4-Dinitrotoluene	14.56	165	26232	5.480	ng	# 33
67) 4-Bromophenyl-phenylether	16.05	248	17865	3.054	ng	# 1

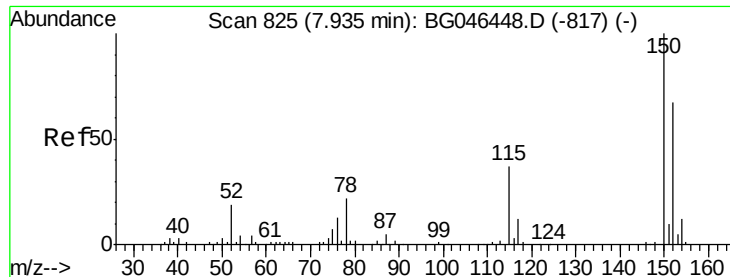
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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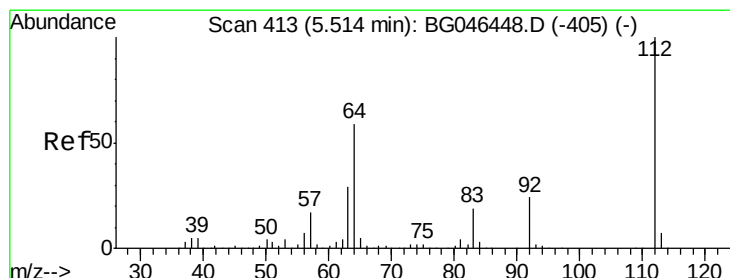
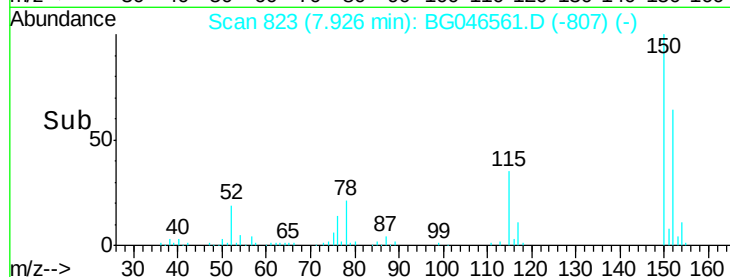
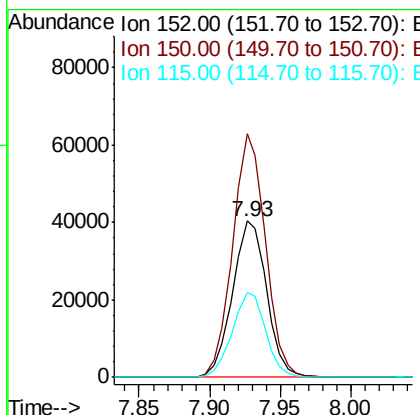
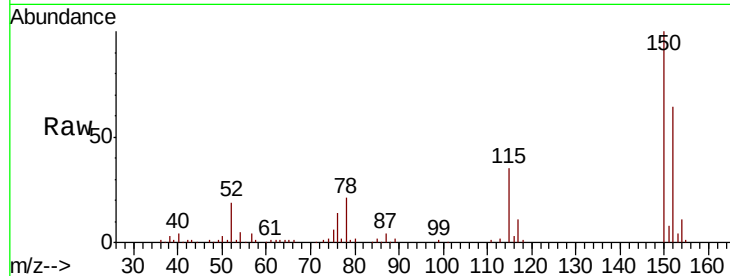


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG046561.D
 Acq: 8 Sep 2020 17:15

Instrument :
 BNA_G
 ClientSampleId :
 TP-14

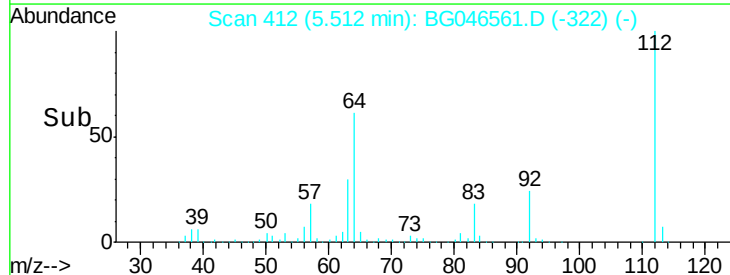
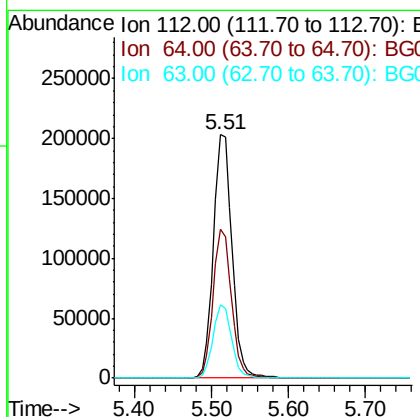
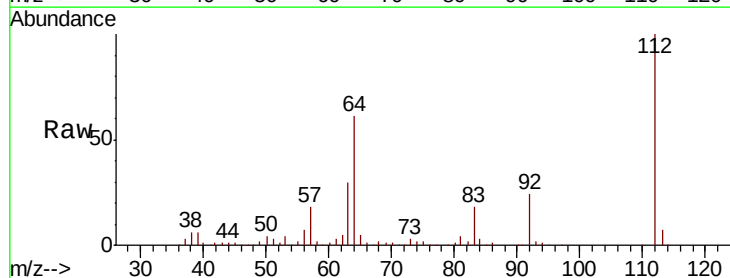
Tot Ion	152	Resp	67947
Ion	Ratio	Lower	Upper
152	100		
150	155.8	119.5	179.3
115	54.2	44.3	66.5

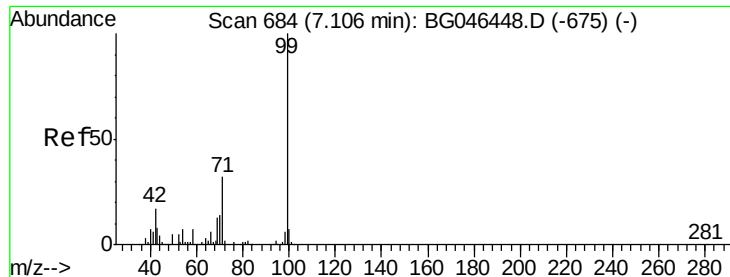


#5

2-Fluorophenol
 Concen: 88.284 ng
 RT: 5.51 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BG046561.D
 Acq: 8 Sep 2020 17:15

Tgt Ion	112	Resp	338679
Ion	Ratio	Lower	Upper
112	100		
64	61.2	47.0	70.6
63	30.4	23.5	35.3





#7

Phenol-d6

Concen: 83.234 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046561.D

Acq: 8 Sep 2020 17:15

Instrument :

BNA_G

ClientSampleId :

TP-14

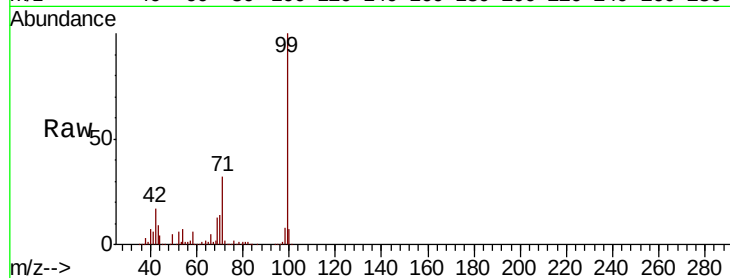
Tot Ion: 99 Resp: 452647

Ion Ratio Lower Upper

99 100

42 16.7 13.3 19.9

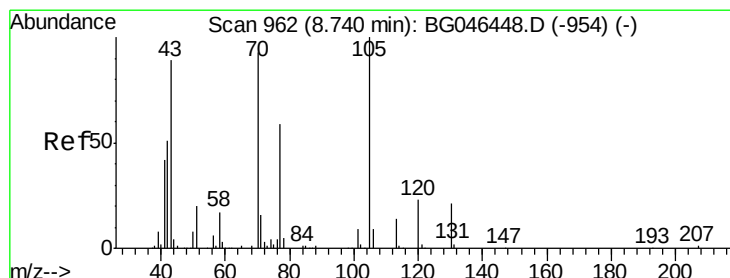
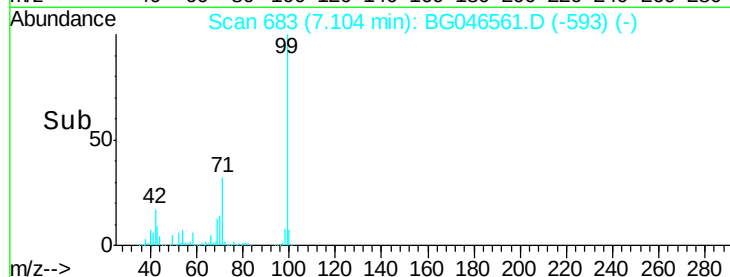
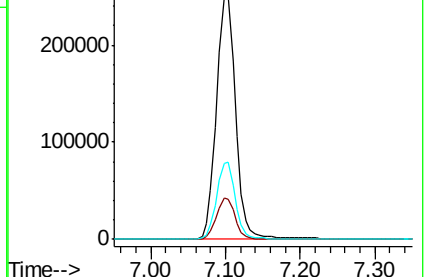
71 31.6 25.3 37.9



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: 11.496 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046561.D

Acq: 8 Sep 2020 17:15

Tgt Ion: 70 Resp: 37396

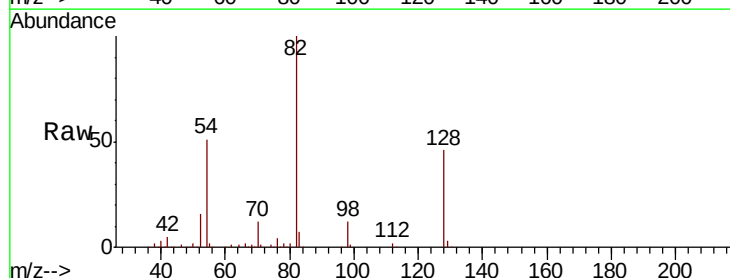
Ion Ratio Lower Upper

70 100

42 41.4 44.2 66.2#

101 0.0 7.8 11.8#

130 2.7 18.2 27.4#

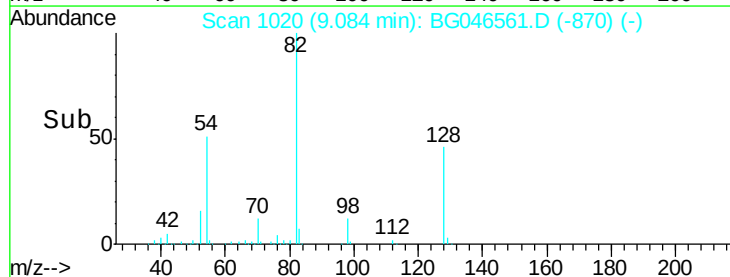
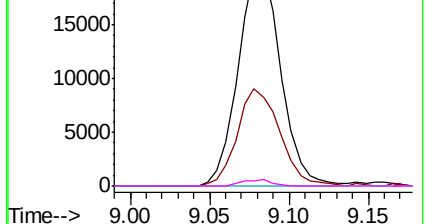


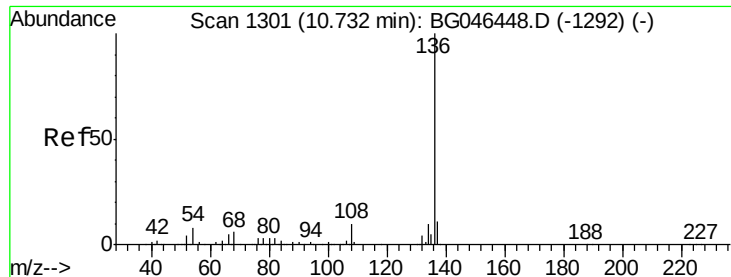
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

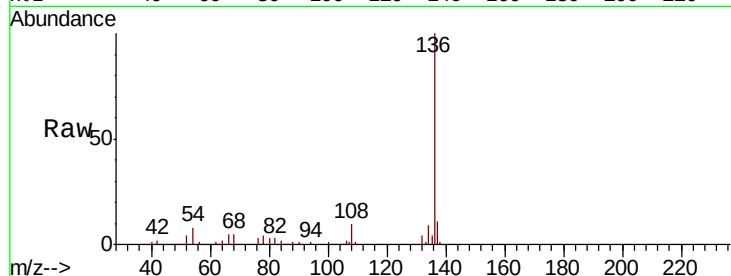




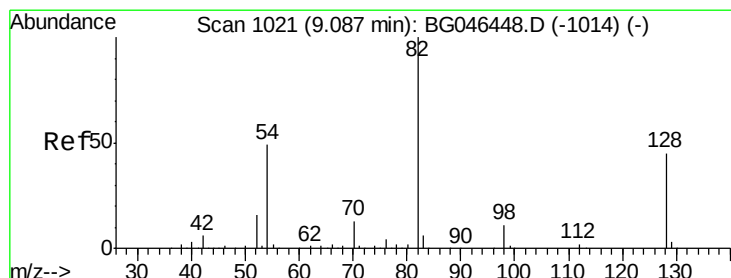
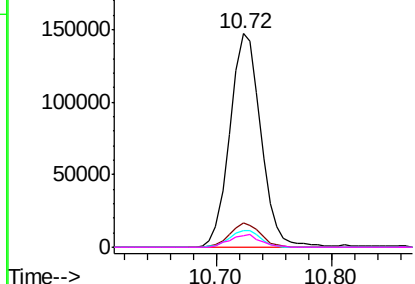
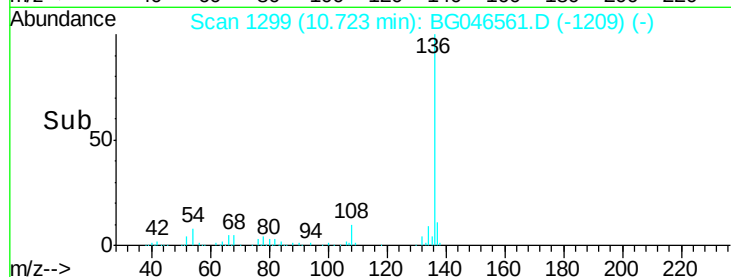
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG046561.D
Acq: 8 Sep 2020 17:15

Instrument :
BNA_G
ClientSampleId :
TP-14

Tot Ion:136	Resp:	275100
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.8	13.2
54 7.5	6.1	9.1
68 5.4	4.8	7.2

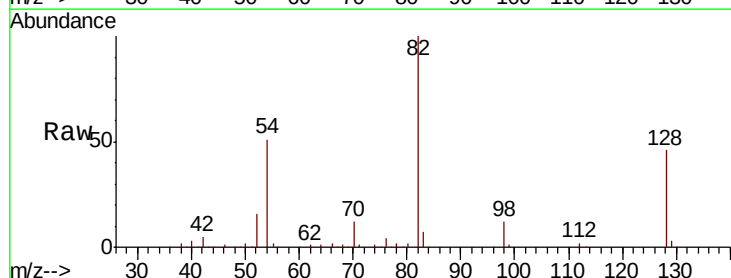


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

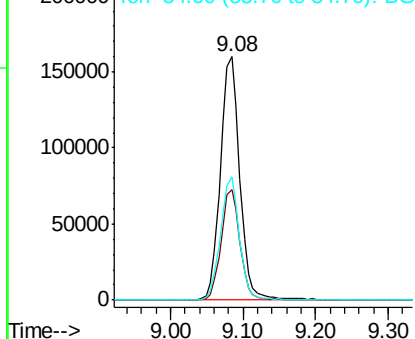
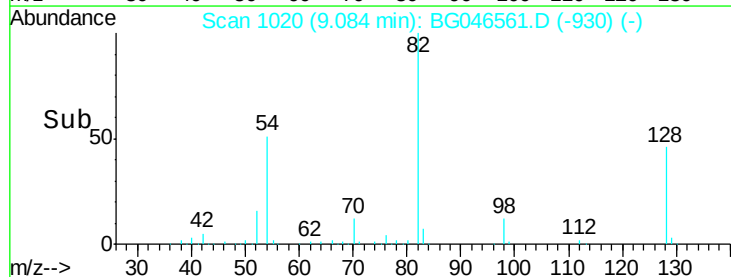


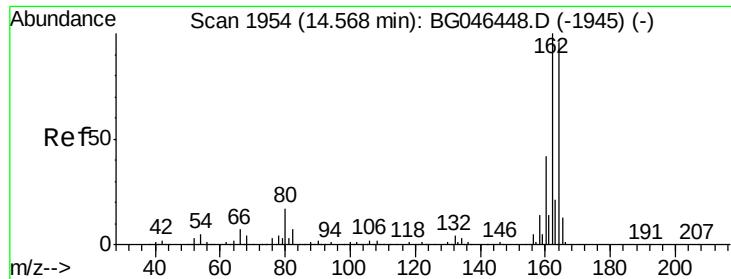
#23
Nitrobenzene-d5
Concen: 61.831 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046561.D
Acq: 8 Sep 2020 17:15

Tgt	Ion: 82	Resp:	297605
Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.7	53.5
54	50.7	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: BG046561.D

Acq: 8 Sep 2020 17:15

Instrument :

BNA_G

ClientSampleId :

TP-14

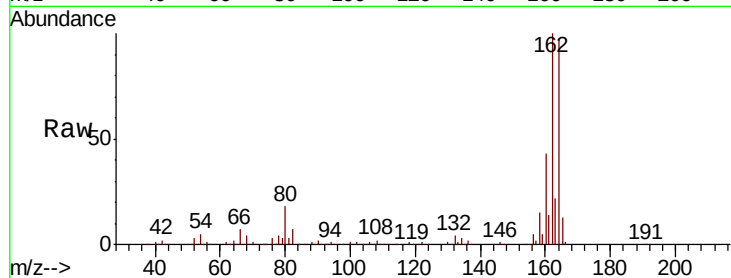
Tot Ion:164 Resp: 196844

Ion Ratio Lower Upper

164 100

162 103.5 83.3 124.9

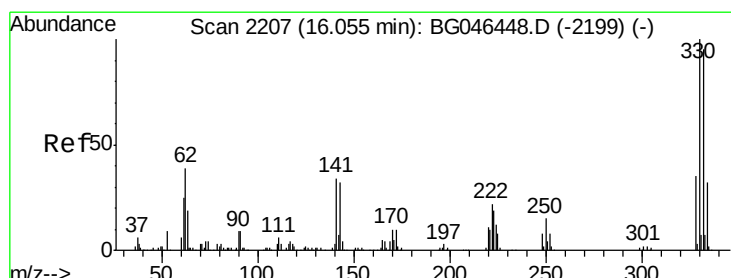
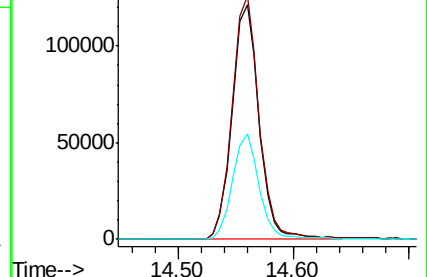
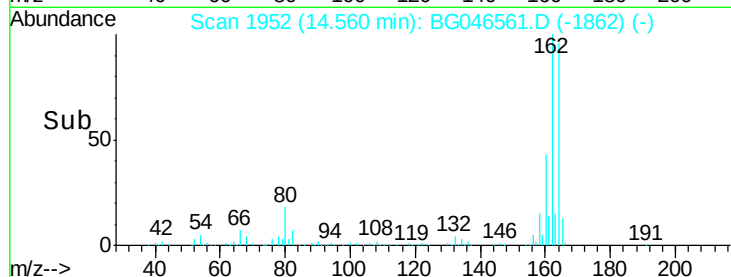
160 44.6 35.0 52.6



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: 88.891 ng

RT: 16.05 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG046561.D

Acq: 8 Sep 2020 17:15

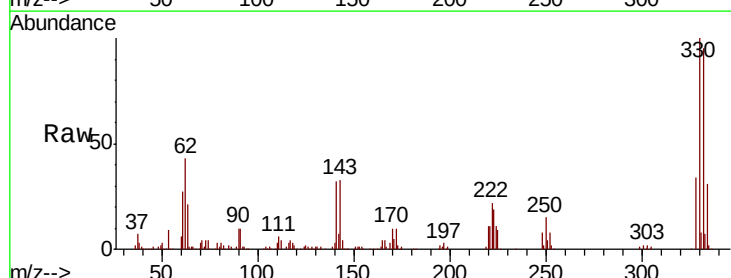
Tgt Ion:330 Resp: 237082

Ion Ratio Lower Upper

330 100

332 96.2 76.1 114.1

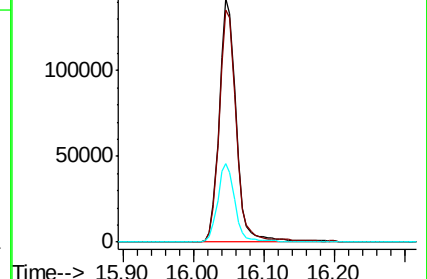
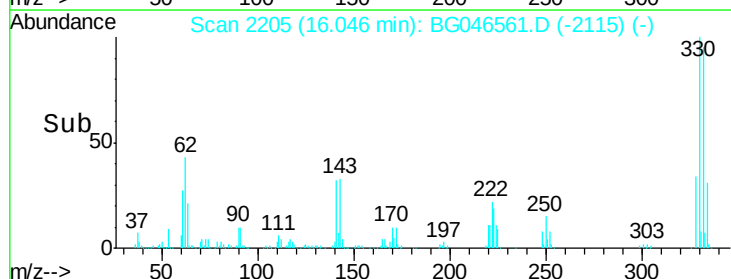
141 33.0 26.1 39.1

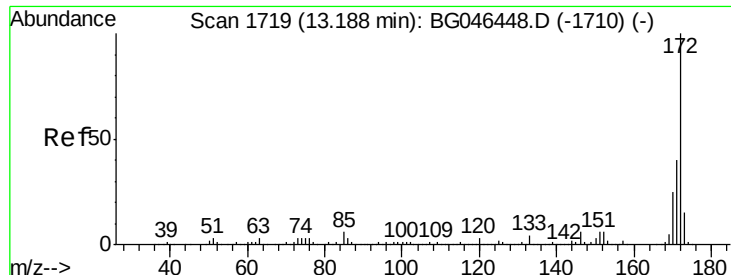


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

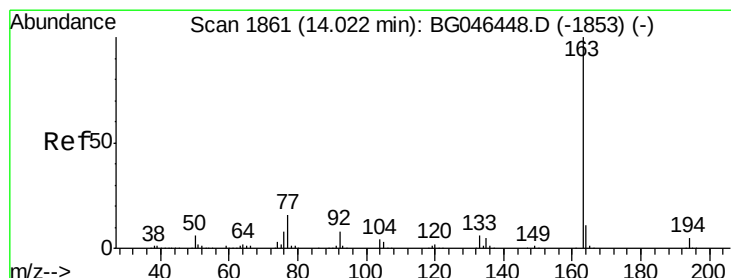
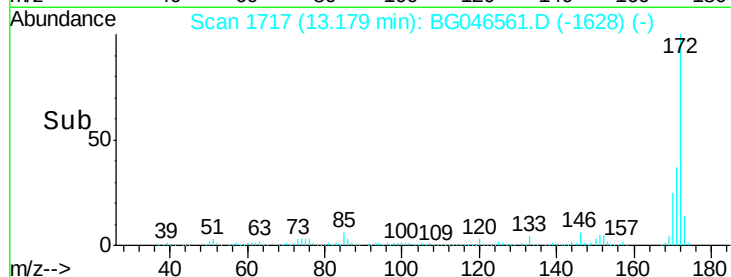
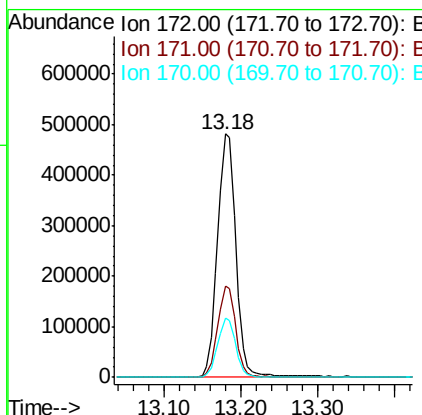
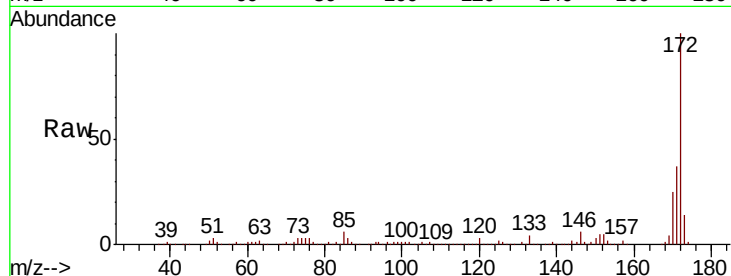




#45
2-Fluorobiphenyl
Concen: 62.305 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG046561.D
Acq: 8 Sep 2020 17:15

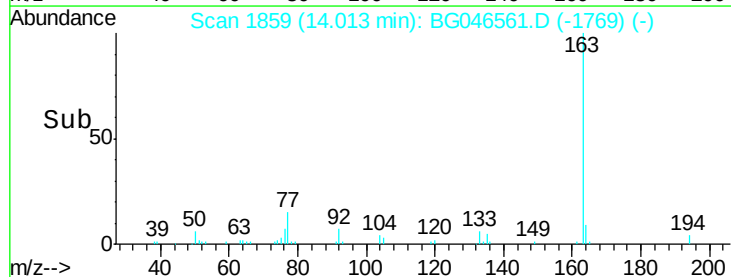
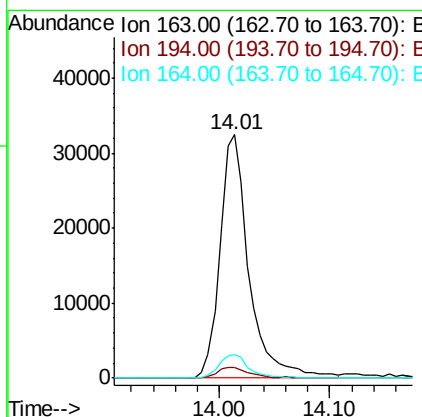
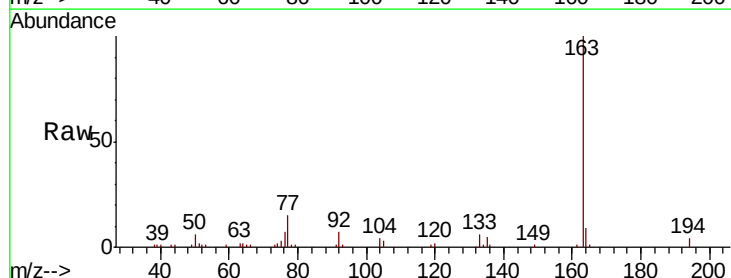
Instrument :
BNA_G
ClientSampleId :
TP-14

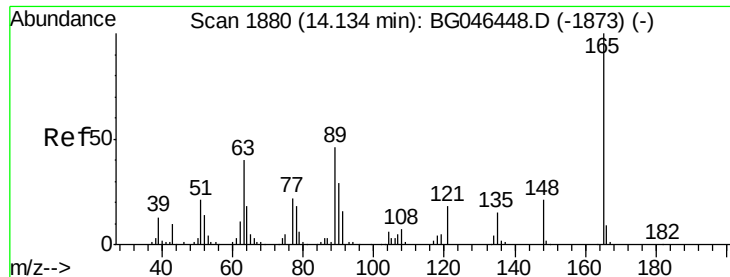
Tot Ion:172 Resp: 803393
Ion Ratio Lower Upper
172 100
171 37.5 31.8 47.6
170 24.6 20.3 30.5



#50
Dimethylphthalate
Concen: 3.902 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BG046561.D
Acq: 8 Sep 2020 17:15

Tgt Ion:163 Resp: 59421
Ion Ratio Lower Upper
163 100
194 4.3 3.7 5.5
164 9.4 8.6 12.8

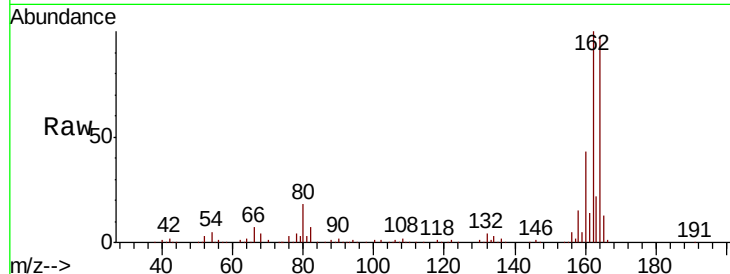




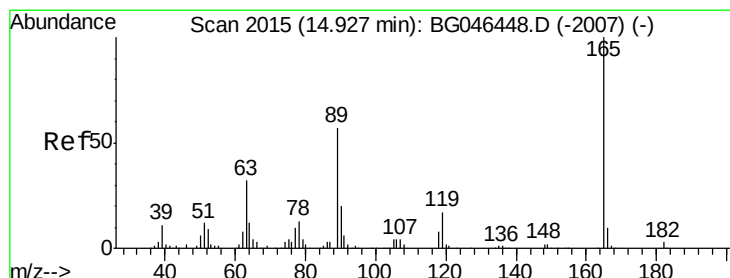
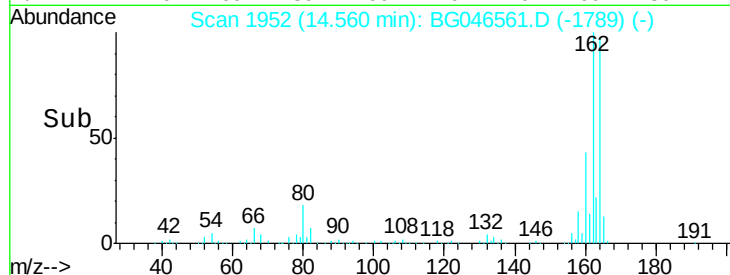
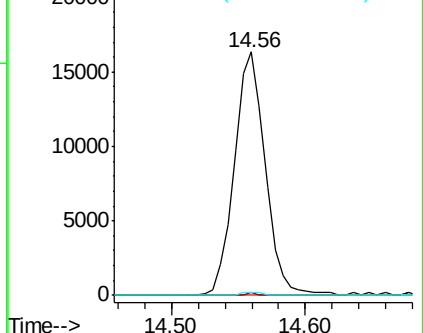
#51
2,6-Dinitrotoluene
Concen: 7.814 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.43 min
Lab File: BG046561.D
Acq: 8 Sep 2020 17:15

Instrument :
BNA_G
ClientSampleId :
TP-14

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.2	51.4#
89	1.3	37.0	55.4#

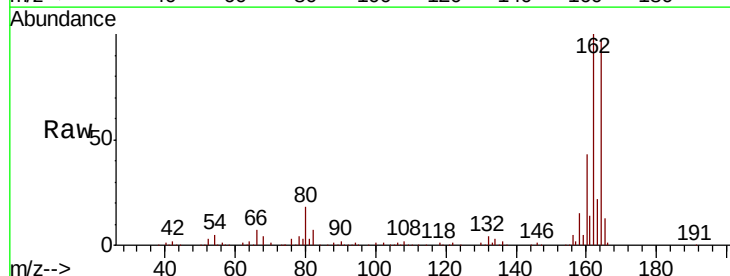


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

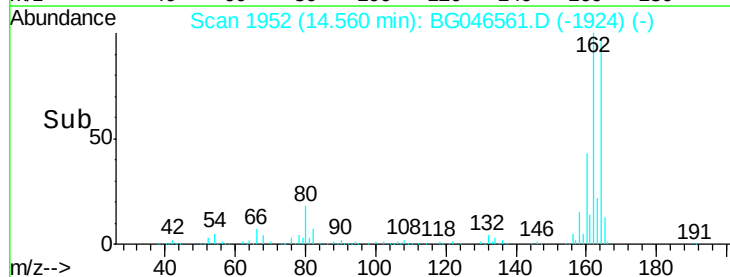
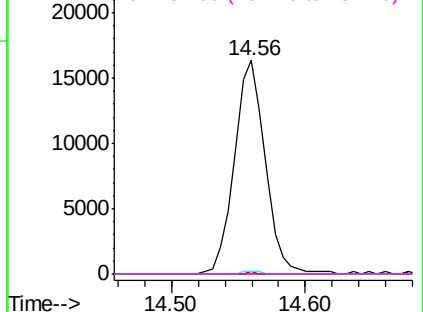


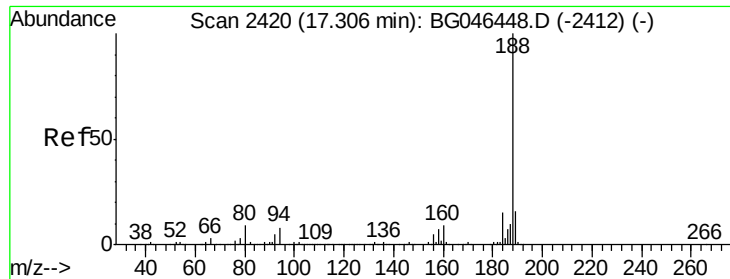
#57
2,4-Dinitrotoluene
Concen: 5.480 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.37 min
Lab File: BG046561.D
Acq: 8 Sep 2020 17:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	1.3	45.9	68.9#
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: 17.30 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG046561.D

Acq: 8 Sep 2020 17:15

Instrument :

BNA_G

ClientSampleId :

TP-14

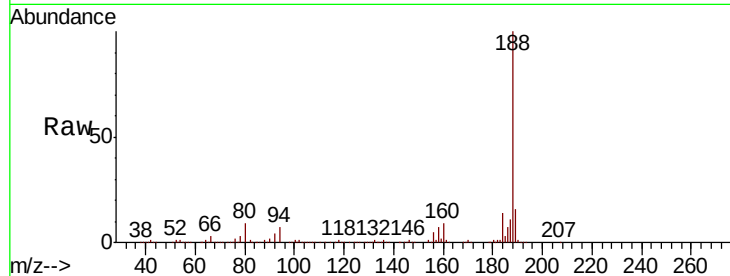
Tot Ion:188 Resp: 501396

Ion Ratio Lower Upper

188 100

94 7.4 6.3 9.5

80 8.9 6.9 10.3



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

17.30

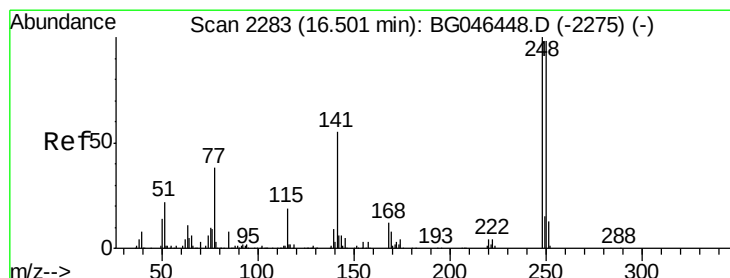
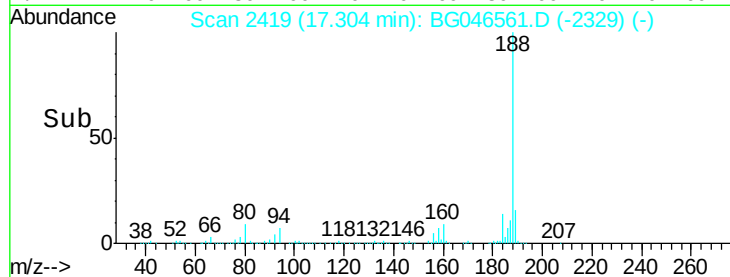
300000

200000

100000

0

Time--> 17.20 17.30 17.40



#67

4-Bromophenyl-phenylether

Concen: 3.054 ng

RT: 16.05 min Scan# 2205

Delta R.T. -0.45 min

Lab File: BG046561.D

Acq: 8 Sep 2020 17:15

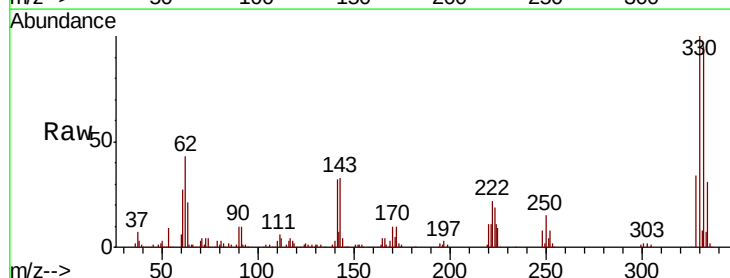
Tgt Ion:248 Resp: 17865

Ion Ratio Lower Upper

248 100

250 187.4 78.6 118.0#

141 393.0 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

60000

50000

40000

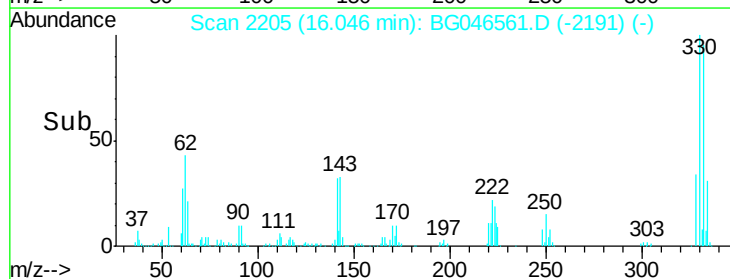
30000

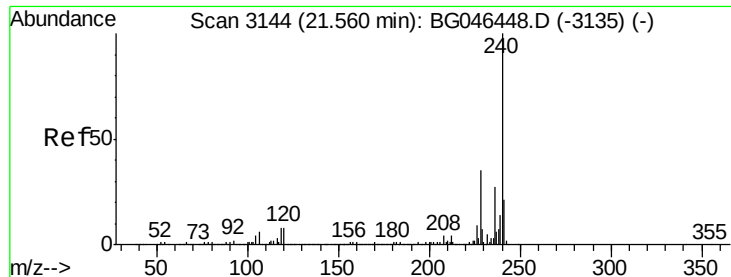
20000

10000

0

Time--> 16.00 16.05 16.10

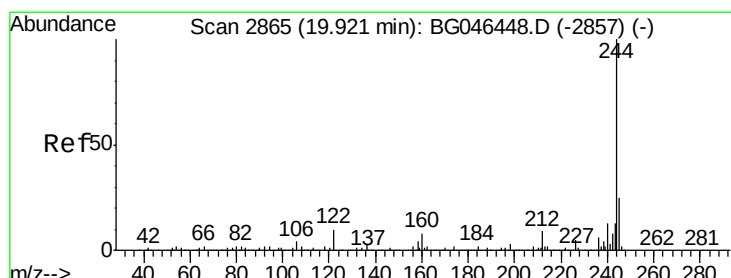
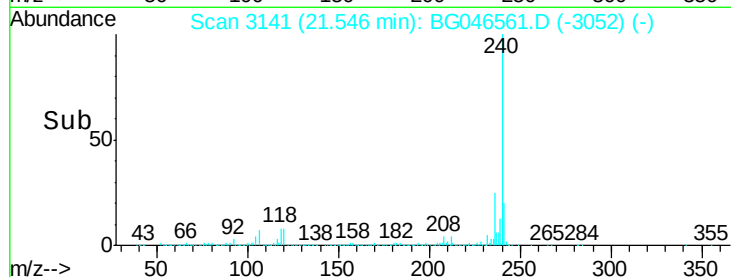
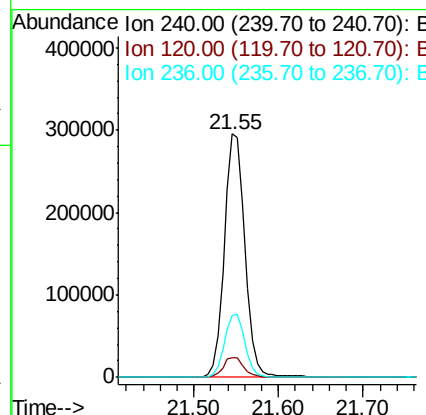
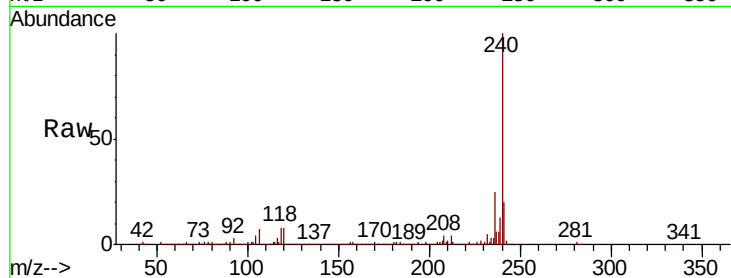




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG046561.D
Acq: 8 Sep 2020 17:15

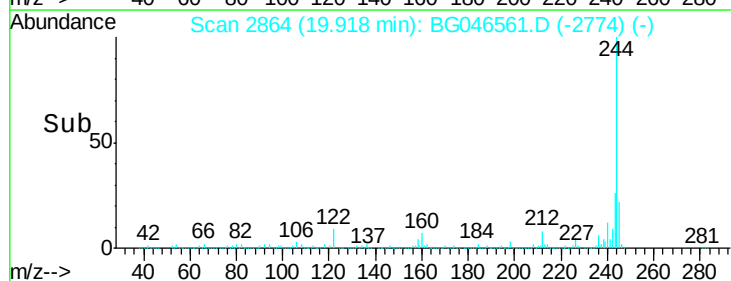
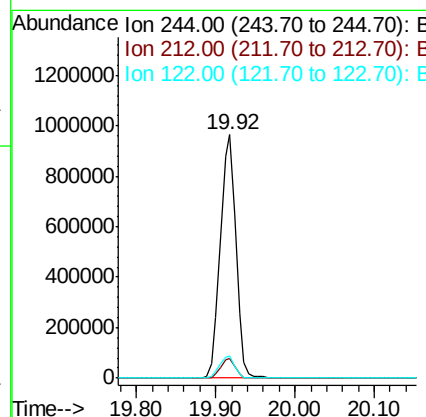
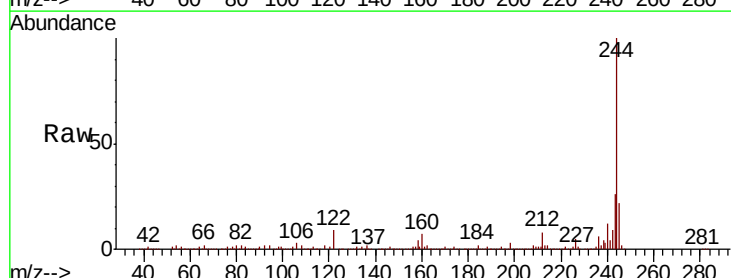
Instrument :
BNA_G
ClientSampleId :
TP-14

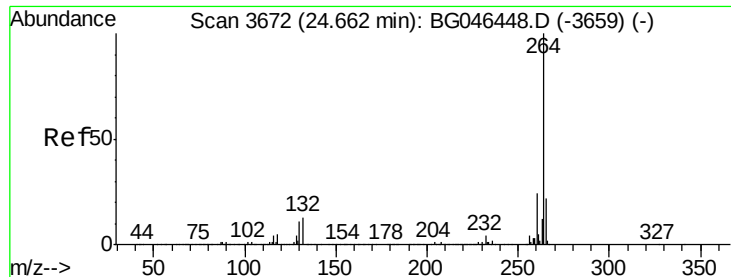
Tot Ion:240 Resp: 503264
Ion Ratio Lower Upper
240 100
120 8.3 6.6 10.0
236 25.4 21.4 32.2



#79
Terphenyl-d14
Concen: 55.775 ng
RT: 19.92 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BG046561.D
Acq: 8 Sep 2020 17:15

Tgt Ion:244 Resp: 1318944
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 9.0 8.2 12.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BG046561.D
Acq: 8 Sep 2020 17:15

Instrument :
BNA_G
ClientSampleId :
TP-14

Tot Ion	Ion	Ratio	Lower	Upper
492501	264	100		
	260	24.2	19.2	28.8
	265	22.3	17.9	26.9

