

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
 Data File : BG046563.D
 Acq On : 8 Sep 2020 18:36
 Operator : CG/JU
 Sample : L3919-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-10

Quant Time: Sep 09 00:39:50 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

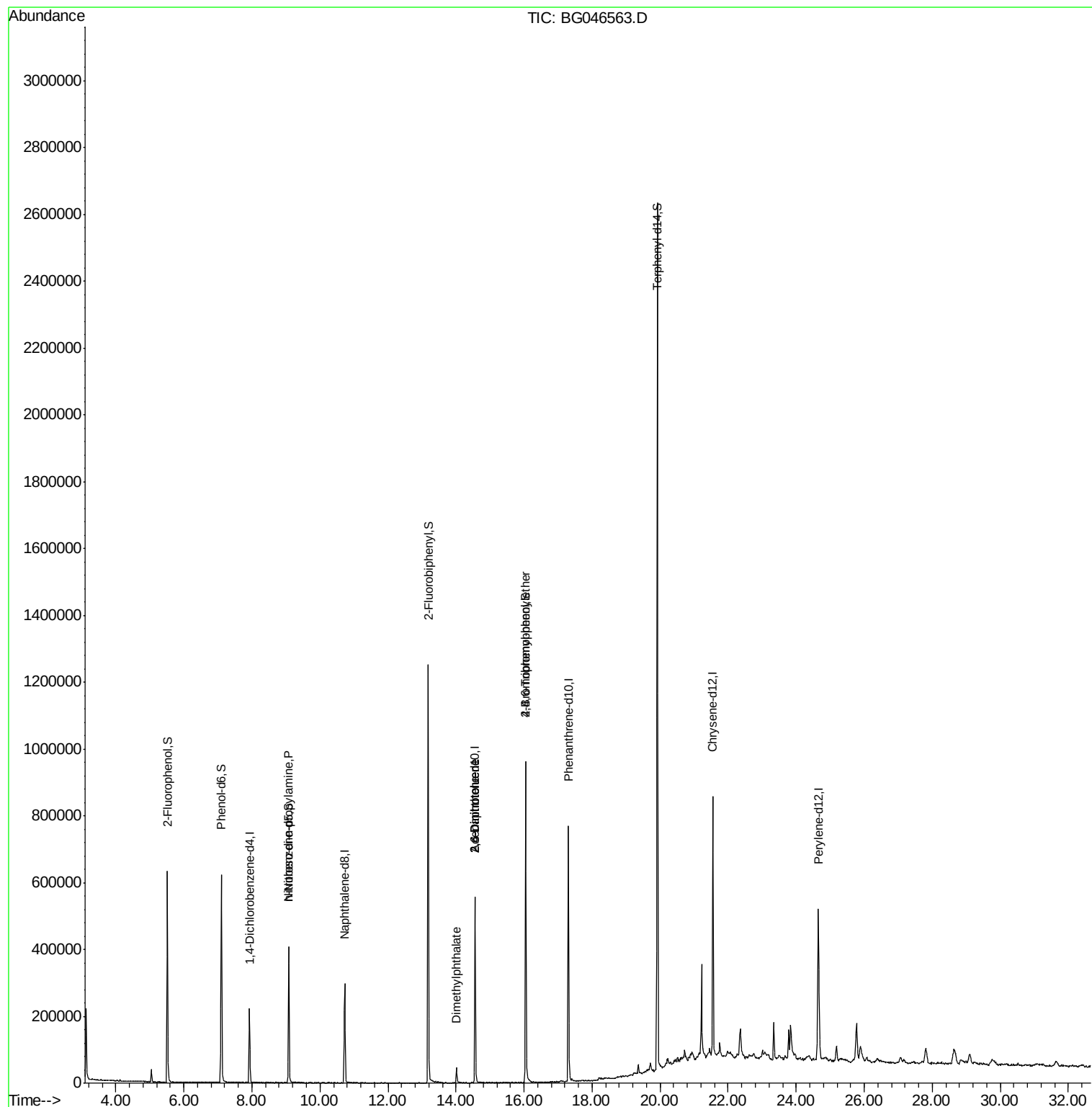
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	69338	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	284621	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	206597	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	508851	20.00	ng	0.00
76) Chrysene-d12	21.55	240	486533	20.00	ng	0.00
86) Perylene-d12	24.65	264	483324	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	297800	76.07	ng	0.00
7) Phenol-d6	7.10	99	404000	72.80	ng	0.00
23) Nitrobenzene-d5	9.08	82	267408	53.70	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	213719	76.35	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	745398	55.08	ng	0.00
79) Terphenyl-d14	19.92	244	1207809	52.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	34161	10.291	ng	Qvalue # 77
50) Dimethylphthalate	14.01	163	45085	2.821	ng	100
51) 2,6-Dinitrotoluene	14.56	165	26814	7.611	ng	# 34
57) 2,4-Dinitrotoluene	14.56	165	26814	5.337	ng	# 34
67) 4-Bromophenyl-phenylether	16.04	248	16370	2.757	ng	# 1

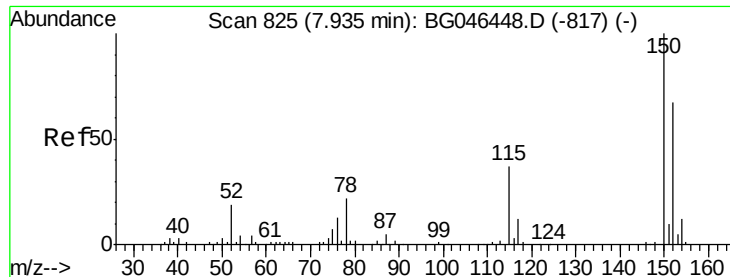
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 02 15:06:53 2020
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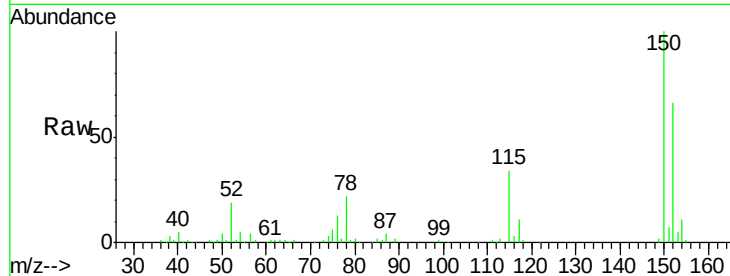


#1

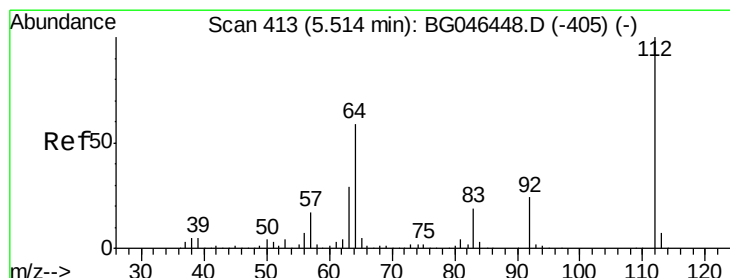
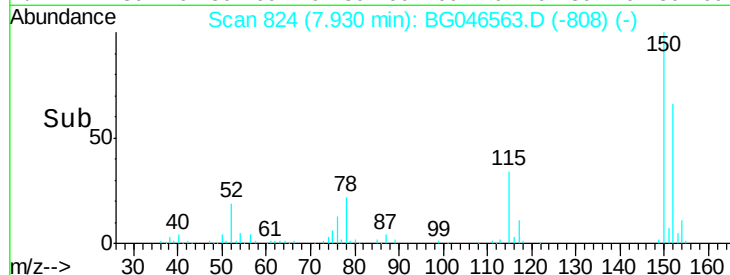
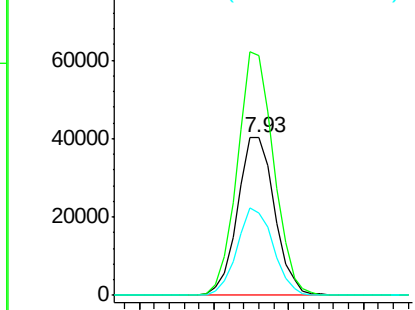
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046563.D
Acq: 8 Sep 2020 18:36

Instrument :
BNA_G
ClientSampled :
TP-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	119.5	179.3
115	52.2	44.3	66.5



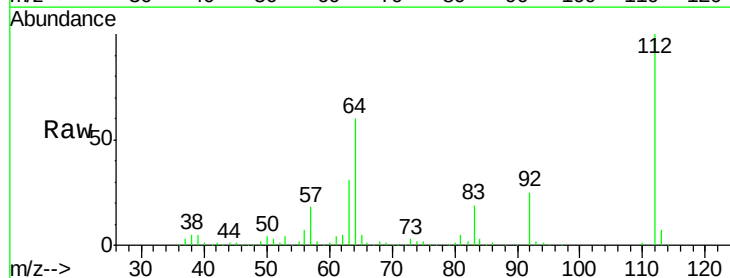
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



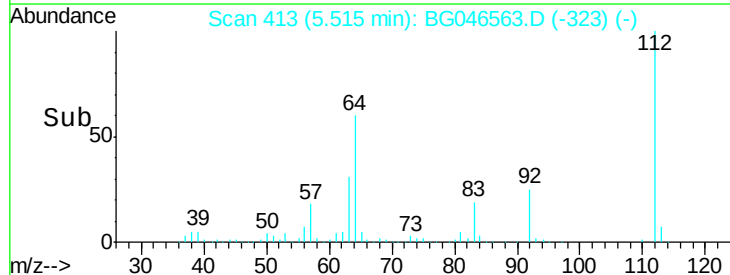
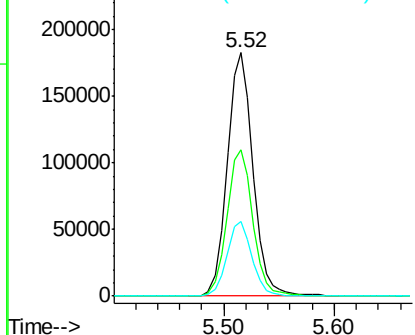
#5

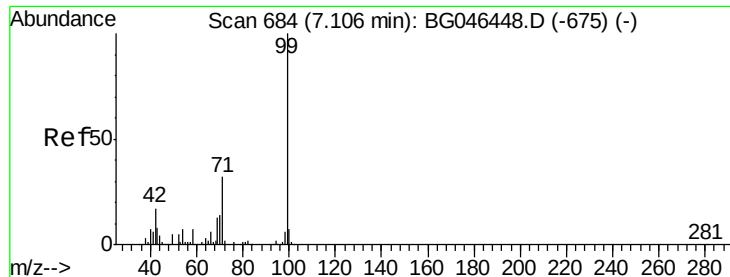
2-Fluorophenol
Concen: 76.071 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046563.D
Acq: 8 Sep 2020 18:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	47.0	70.6
63	30.7	23.5	35.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 72.798 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046563.D

Acq: 8 Sep 2020 18:36

Instrument :

BNA_G

ClientSampleId :

TP-10

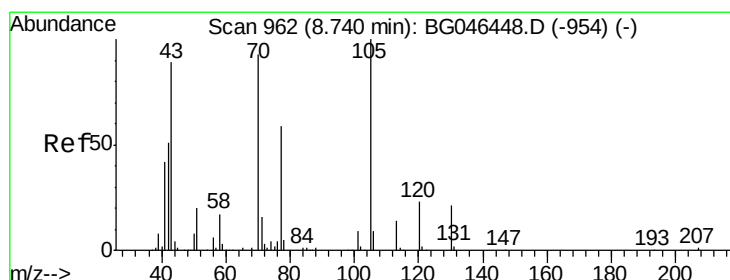
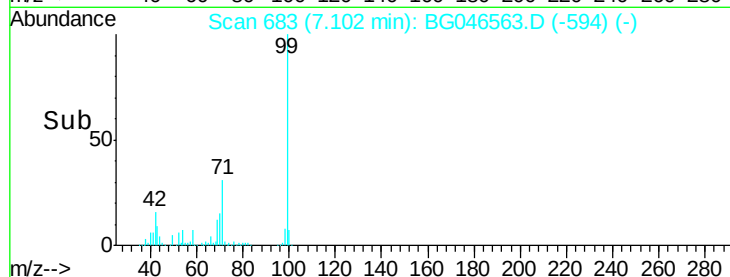
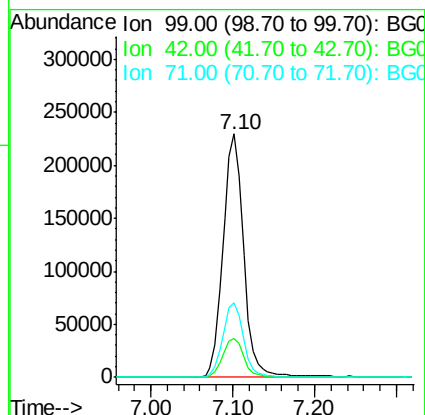
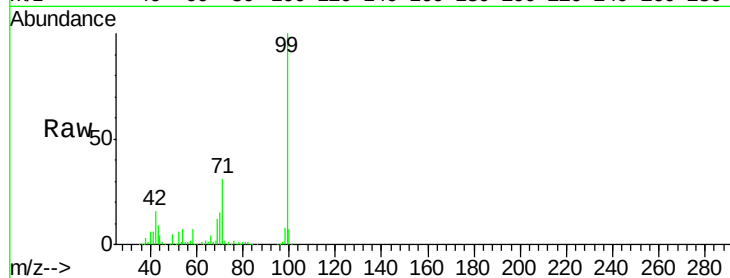
Tot Ion: 99 Resp: 404000

Ion Ratio Lower Upper

99 100

42 16.2 13.3 19.9

71 30.7 25.3 37.9



#19

n-Nitroso-di-n-propylamine

Concen: 10.291 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046563.D

Acq: 8 Sep 2020 18:36

Tgt Ion: 70 Resp: 34161

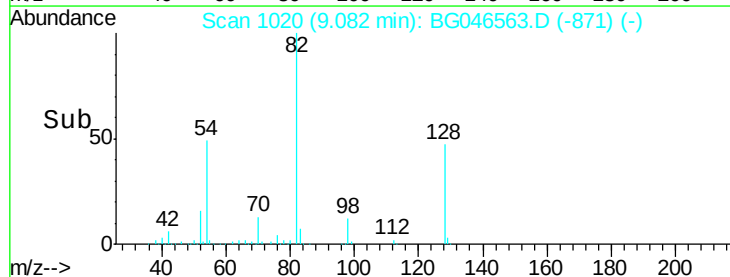
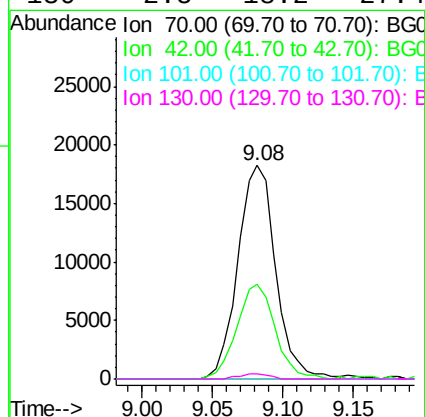
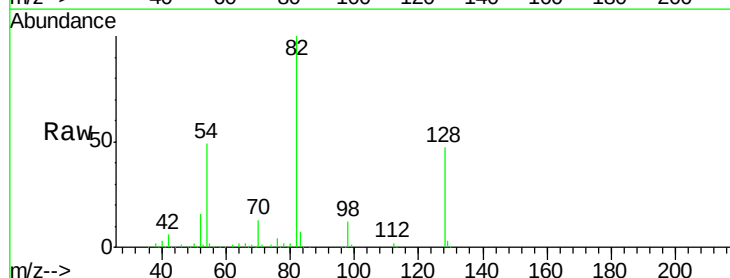
Ion Ratio Lower Upper

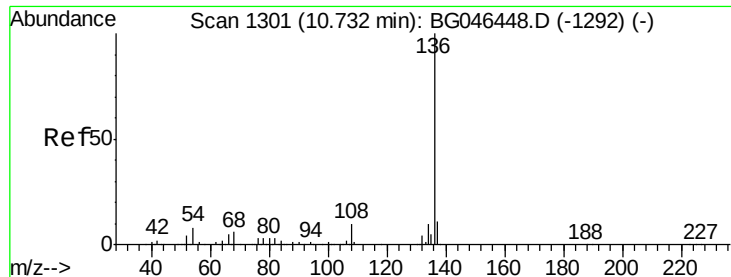
70 100

42 44.6 44.2 66.2

101 0.0 7.8 11.8#

130 2.5 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG046563.D

Acq: 8 Sep 2020 18:36

Instrument :

BNA_G

ClientSampleId :

TP-10

Tot Ion:136 Resp: 284621

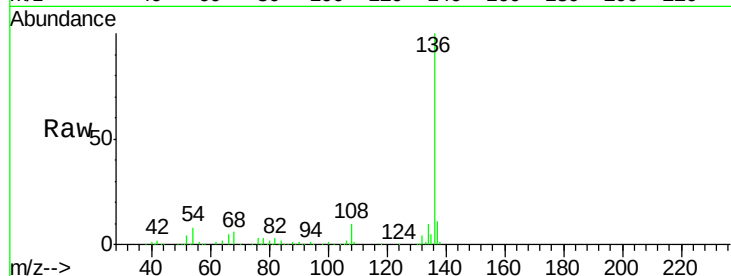
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.0 6.1 9.1

68 5.9 4.8 7.2

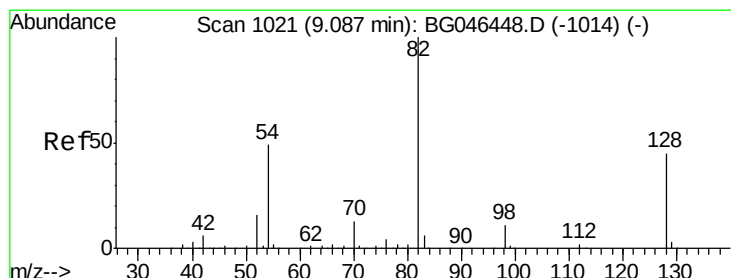
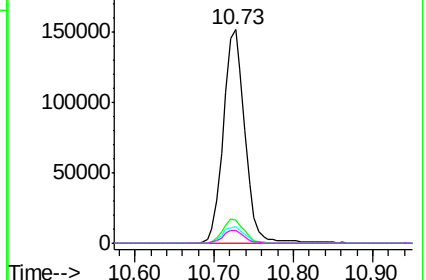
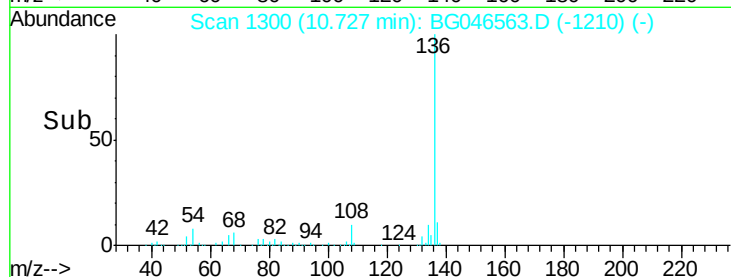


Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.699 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BG046563.D

Acq: 8 Sep 2020 18:36

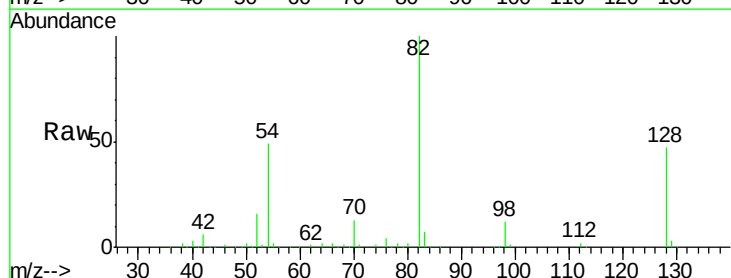
Tgt Ion: 82 Resp: 267408

Ion Ratio Lower Upper

82 100

128 46.8 35.7 53.5

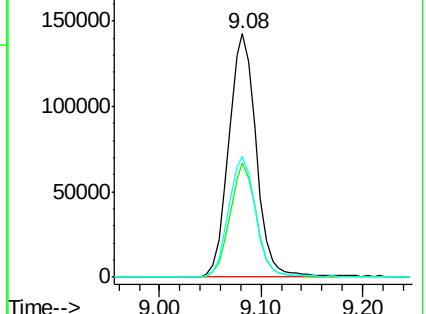
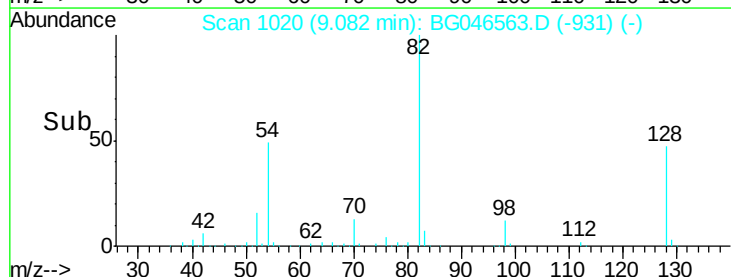
54 49.4 39.4 59.0

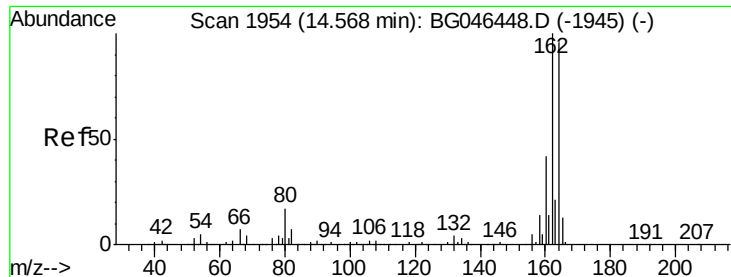


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: BG046563.D

Acq: 8 Sep 2020 18:36

Instrument :

BNA_G

ClientSampleId :

TP-10

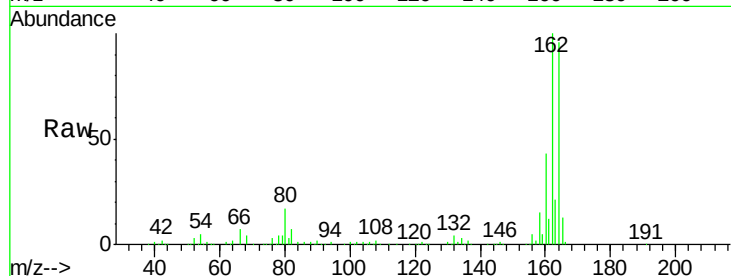
Tot Ion:164 Resp: 206597

Ion Ratio Lower Upper

164 100

162 104.4 83.3 124.9

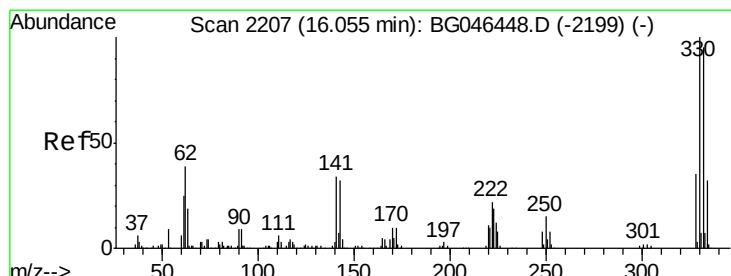
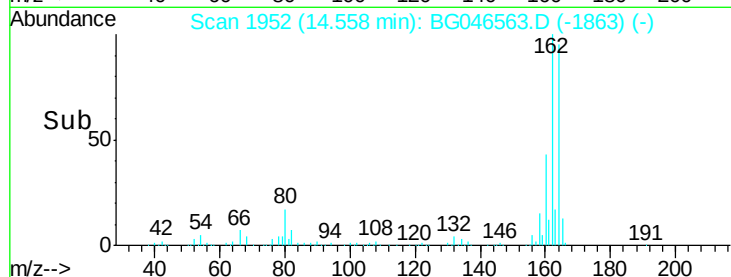
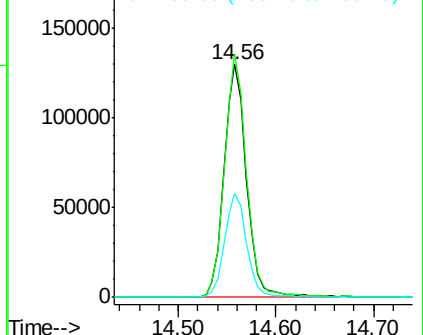
160 44.4 35.0 52.6



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: 76.349 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG046563.D

Acq: 8 Sep 2020 18:36

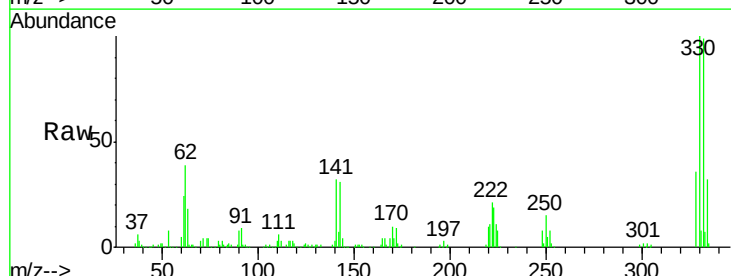
Tgt Ion:330 Resp: 213719

Ion Ratio Lower Upper

330 100

332 96.7 76.1 114.1

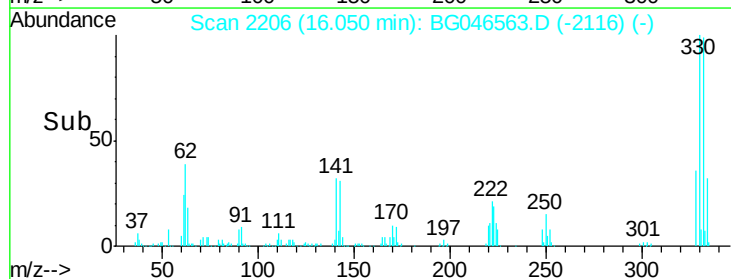
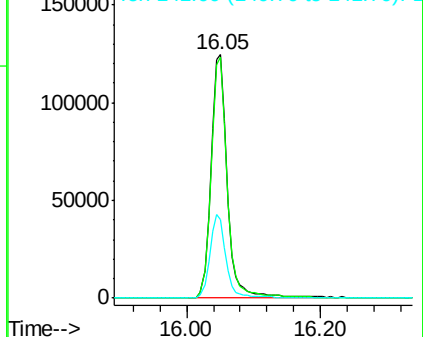
141 33.7 26.1 39.1

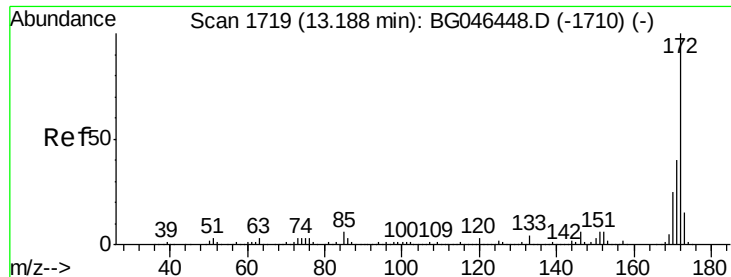


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

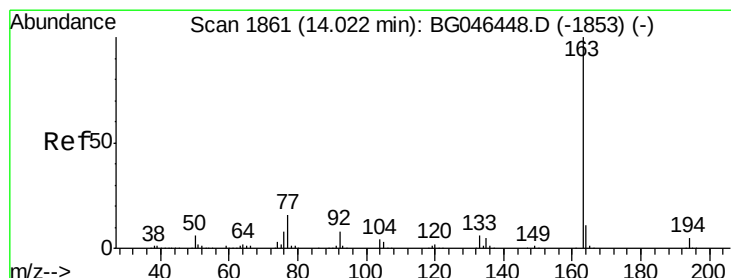
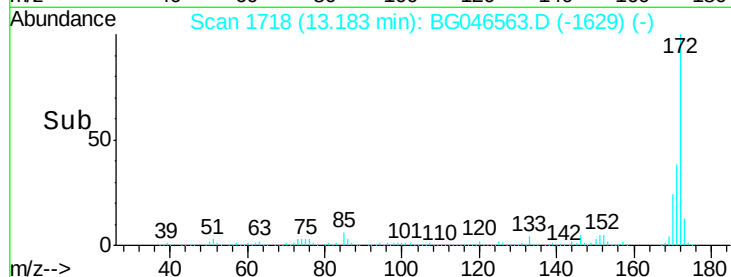
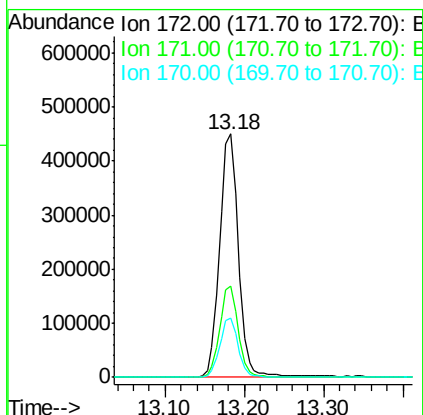
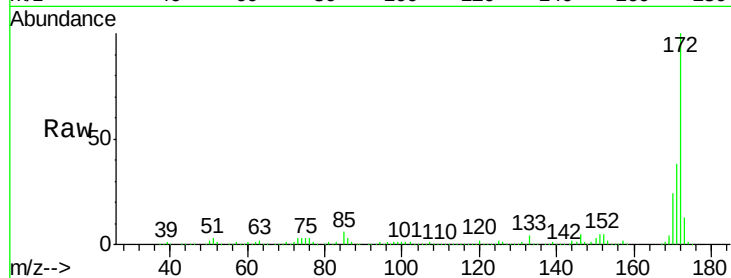




#45
2-Fluorobiphenyl
Concen: 55.078 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046563.D
Acq: 8 Sep 2020 18:36

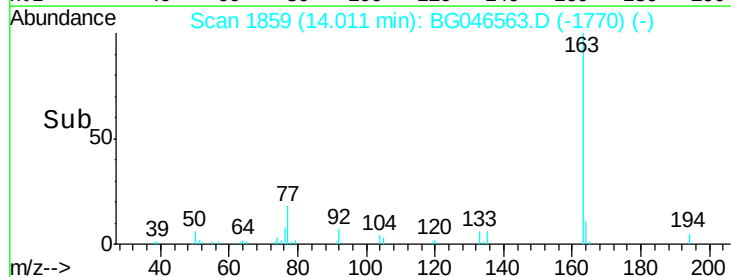
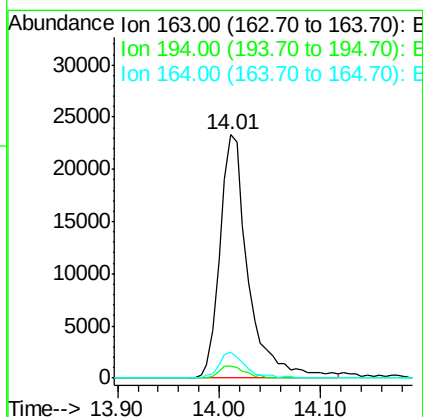
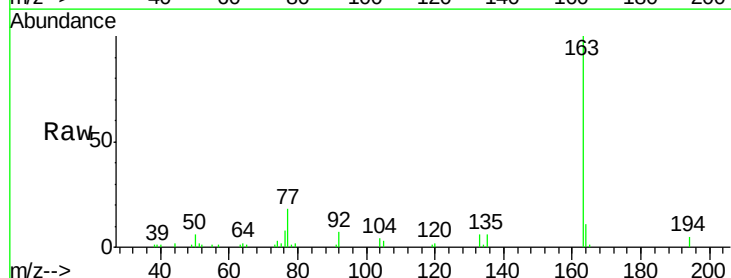
Instrument :
BNA_G
ClientSampleId :
TP-10

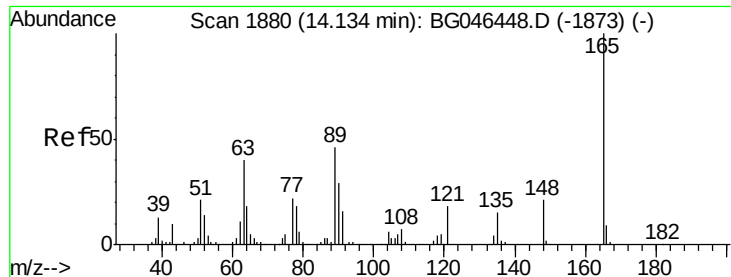
Tot Ion:172 Resp: 745398
Ion Ratio Lower Upper
172 100
171 37.7 31.8 47.6
170 24.2 20.3 30.5



#50
Dimethylphthalate
Concen: 2.821 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BG046563.D
Acq: 8 Sep 2020 18:36

Tgt Ion:163 Resp: 45085
Ion Ratio Lower Upper
163 100
194 4.7 3.7 5.5
164 10.9 8.6 12.8

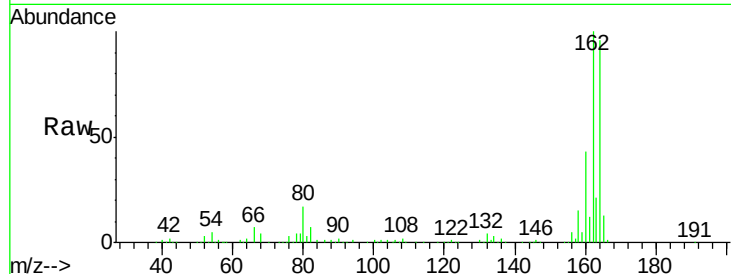




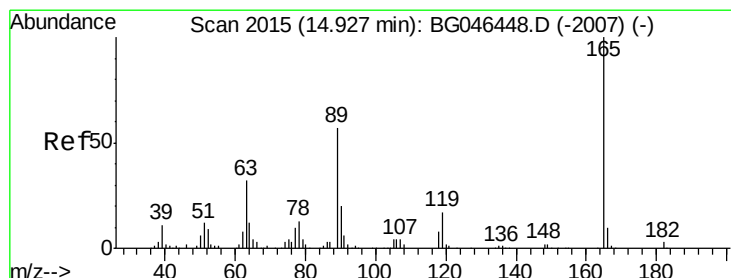
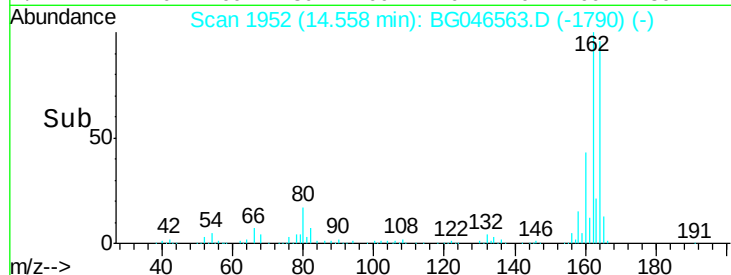
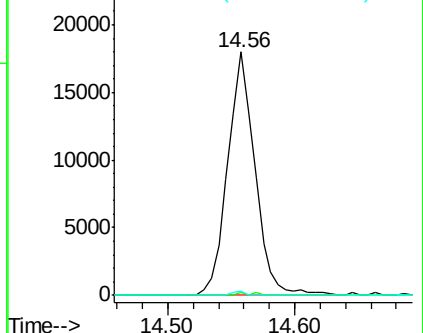
#51
 2,6-Dinitrotoluene
 Concen: 7.611 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. 0.42 min
 Lab File: BG046563.D
 Acq: 8 Sep 2020 18:36

Instrument :
 BNA_G
 ClientSampleId :
 TP-10

Tot Ion	165	Resp	26814
Ion Ratio	100		
Lower			
Upper			
63	1.3	34.2	51.4#
89	1.6	37.0	55.4#



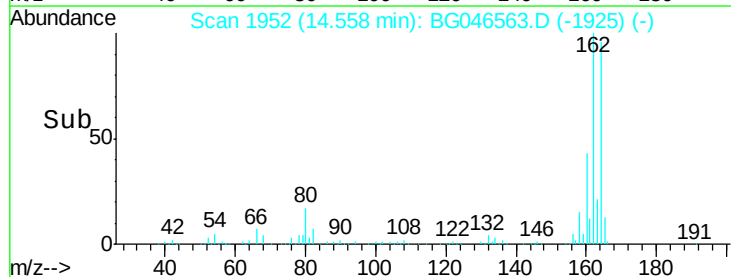
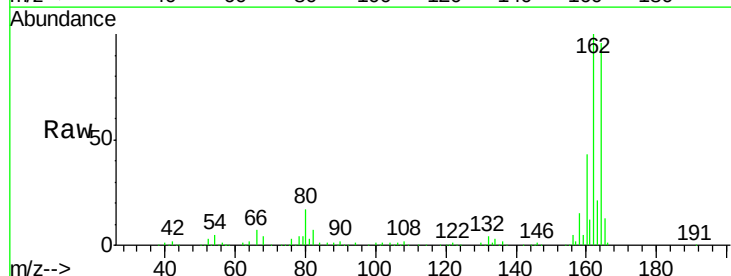
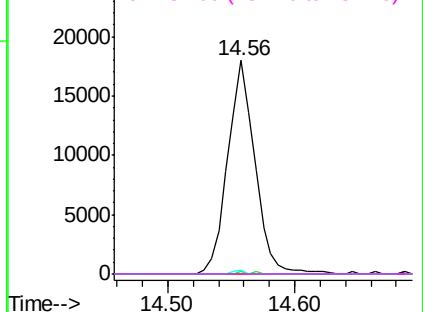
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

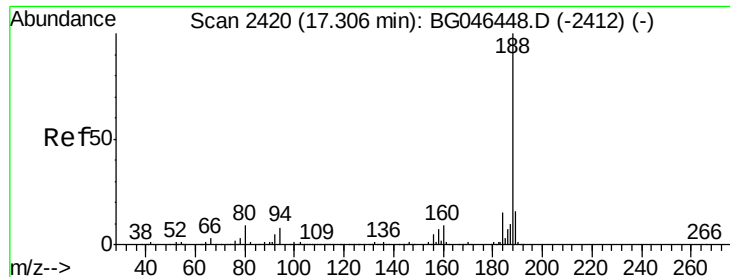


#57
 2,4-Dinitrotoluene
 Concen: 5.337 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.37 min
 Lab File: BG046563.D
 Acq: 8 Sep 2020 18:36

Tgt Ion	165	Resp	26814
Ion Ratio	100		
Lower			
Upper			
63	1.3	25.4	38.0#
89	1.6	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

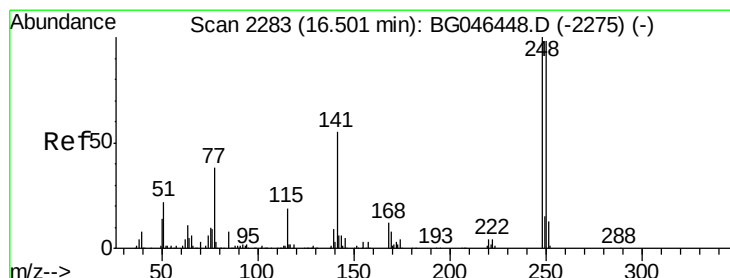
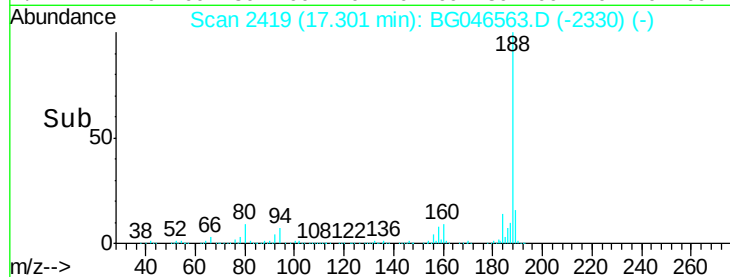
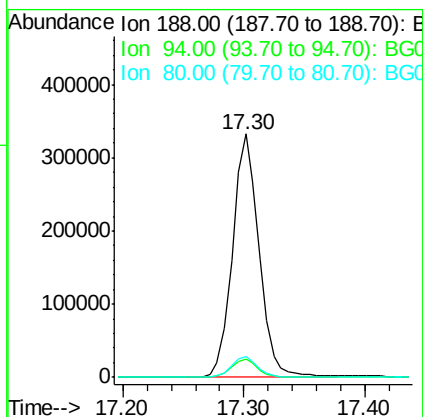
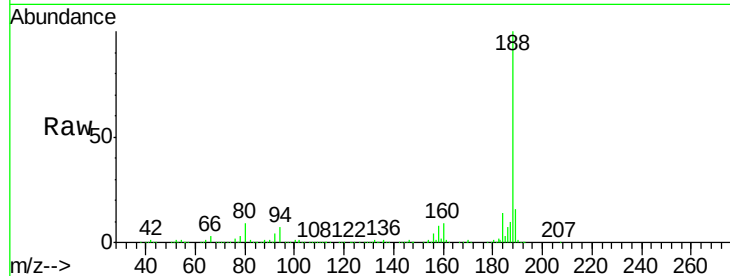




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG046563.D
Acq: 8 Sep 2020 18:36

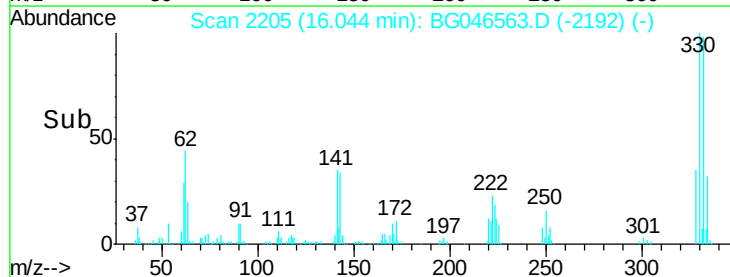
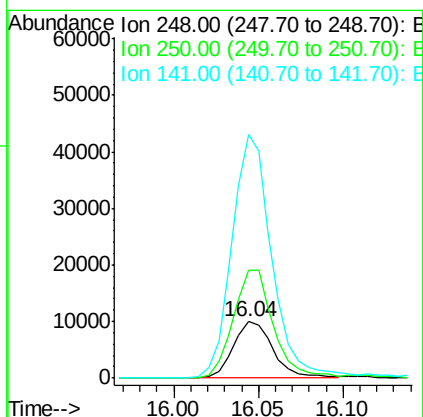
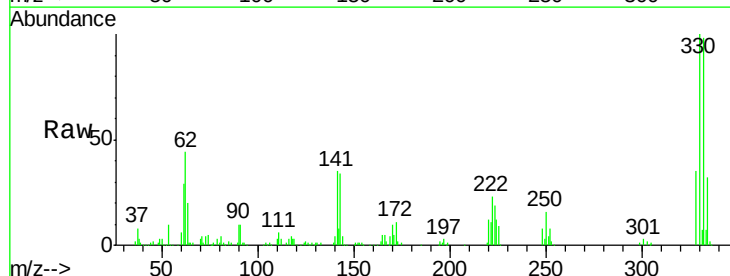
Instrument :
BNA_G
ClientSampleId :
TP-10

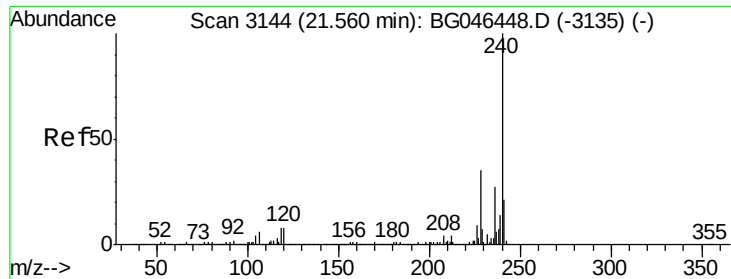
Tot Ion:188 Resp: 508851
Ion Ratio Lower Upper
188 100
94 7.4 6.3 9.5
80 8.7 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 2.757 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.45 min
Lab File: BG046563.D
Acq: 8 Sep 2020 18:36

Tgt Ion:248 Resp: 16370
Ion Ratio Lower Upper
248 100
250 192.3 78.6 118.0#
141 432.3 43.9 65.9#

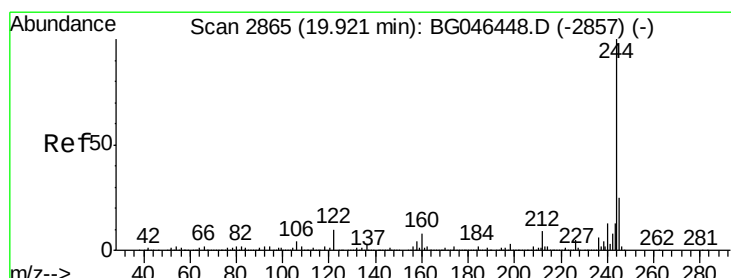
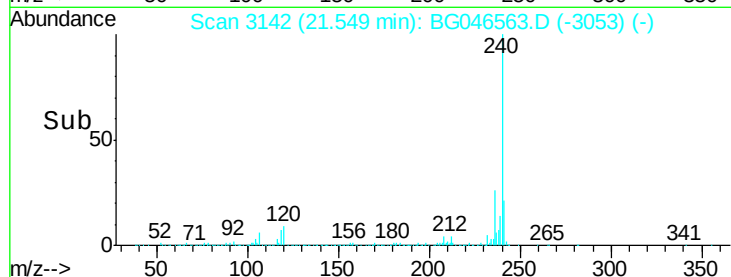
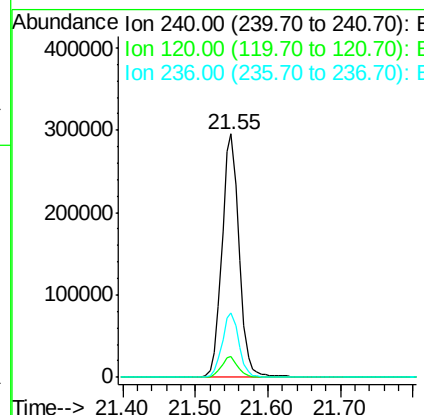
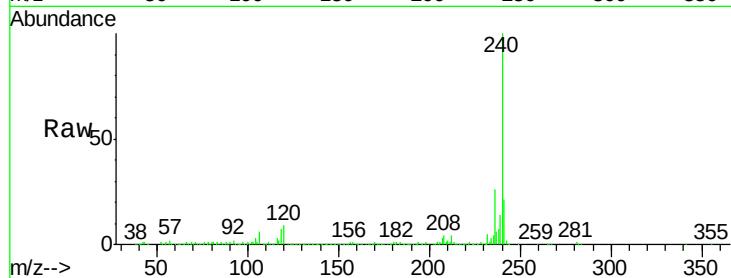




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG046563.D
Acq: 8 Sep 2020 18:36

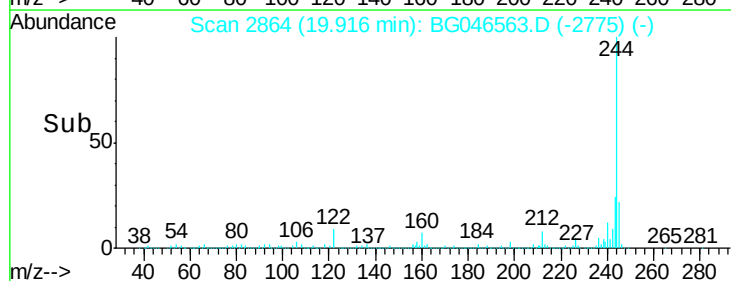
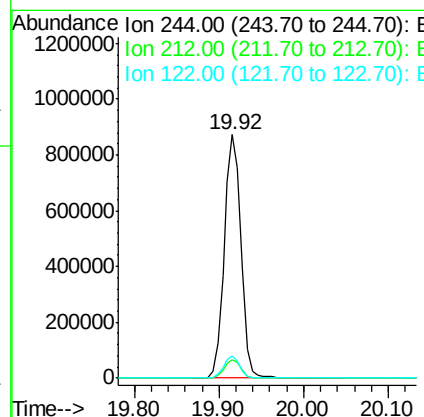
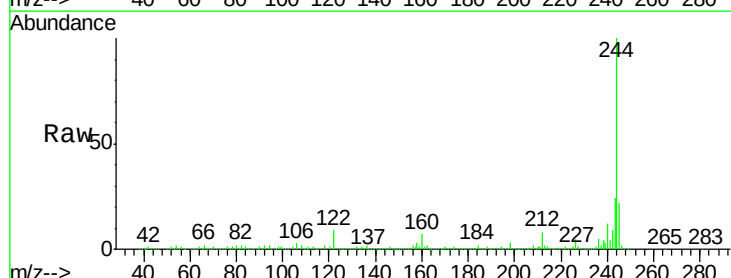
Instrument :
BNA_G
ClientSampleId :
TP-10

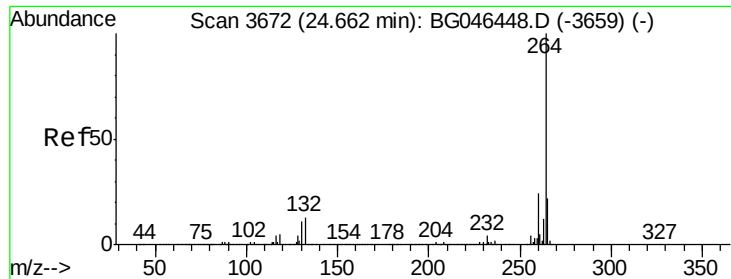
Tot Ion:240 Resp: 486533
Ion Ratio Lower Upper
240 100
120 8.6 6.6 10.0
236 26.2 21.4 32.2



#79
Terphenyl-d14
Concen: 52.832 ng
RT: 19.92 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BG046563.D
Acq: 8 Sep 2020 18:36

Tgt Ion:244 Resp: 1207809
Ion Ratio Lower Upper
244 100
212 7.7 6.9 10.3
122 8.9 8.2 12.4

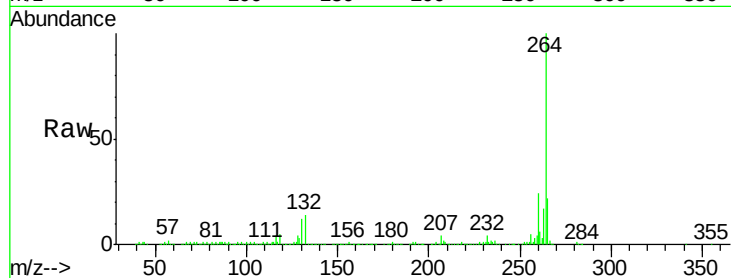




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BG046563.D
Acq: 8 Sep 2020 18:36

Instrument :
BNA_G
ClientSampleId :
TP-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	17.9	26.9



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

