

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046144.D
 Acq On : 1 Aug 2020 4:55
 Operator : CG/JU
 Sample : L3511-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Aug 01 05:32:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

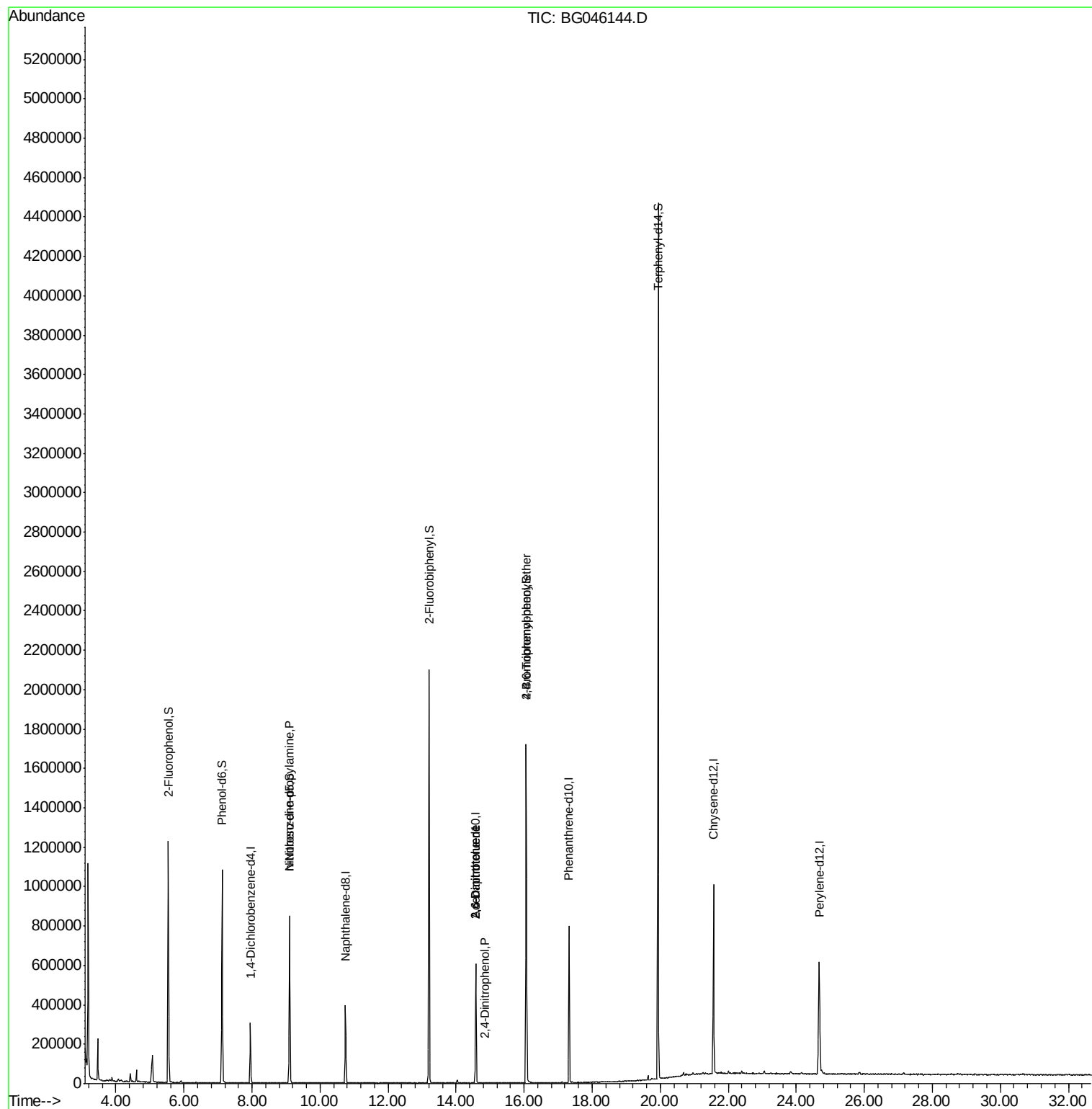
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	88234	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	340153	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	209852	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	500463	20.00	ng	0.00
76) Chrysene-d12	21.57	240	591271	20.00	ng	0.00
86) Perylene-d12	24.67	264	594749	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	528054	104.04	ng	0.00
7) Phenol-d6	7.12	99	621571	89.86	ng	0.00
23) Nitrobenzene-d5	9.10	82	507602	80.80	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	354458	109.97	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1097587	75.98	ng	0.00
79) Terphenyl-d14	19.93	244	1933033	66.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	66538	14.780	ng	# 81
51) 2,6-Dinitrotoluene	14.58	165	28803	7.684	ng	# 28
54) 2,4-Dinitrophenol	14.85	184	54	7.087	ng	# 28
57) 2,4-Dinitrotoluene	14.58	165	28803	5.589	ng	# 28
67) 4-Bromophenyl-phenylether	16.06	248	21444	3.468	ng	# 1

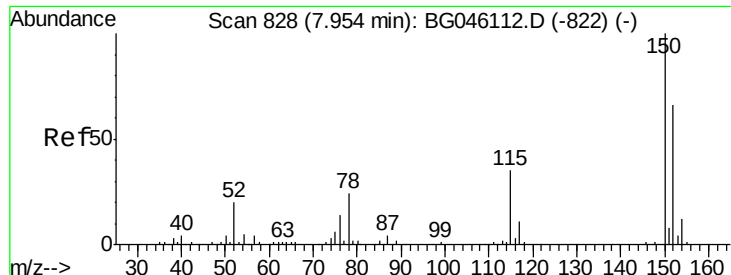
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 30 18:43:49 2020
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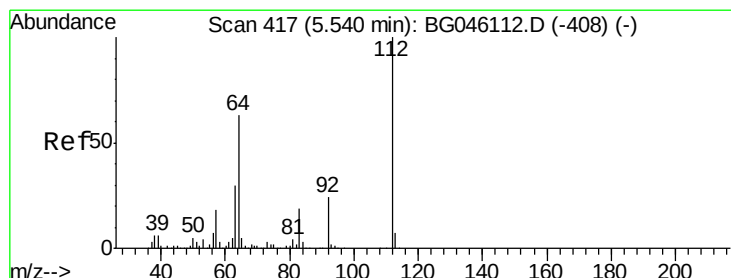
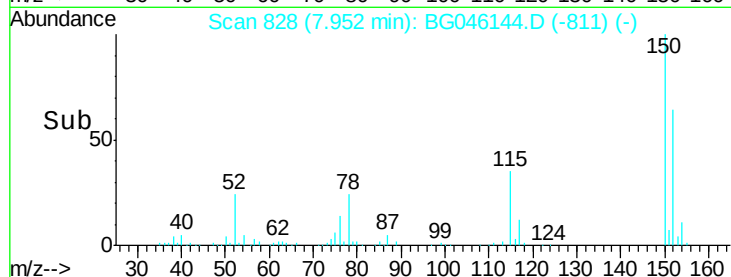
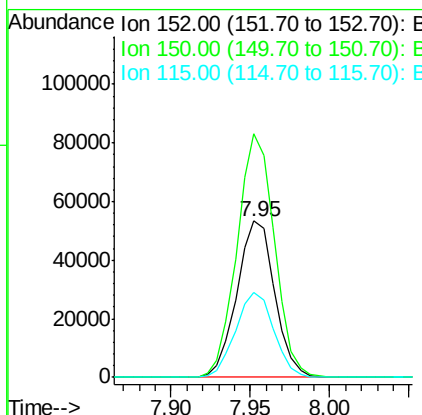
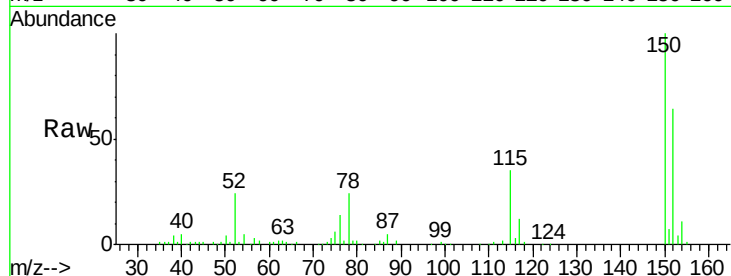


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046144.D
Acq: 1 Aug 2020 4:55

Instrument :
BNA_G
ClientSampleId :
TP-3

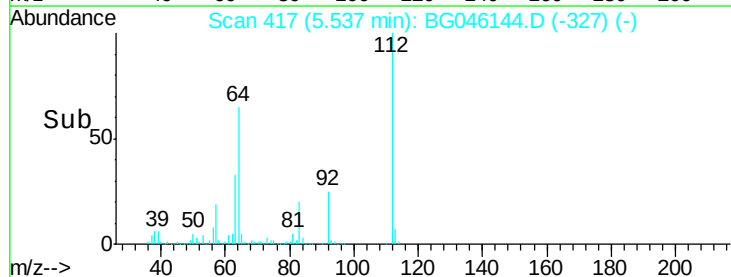
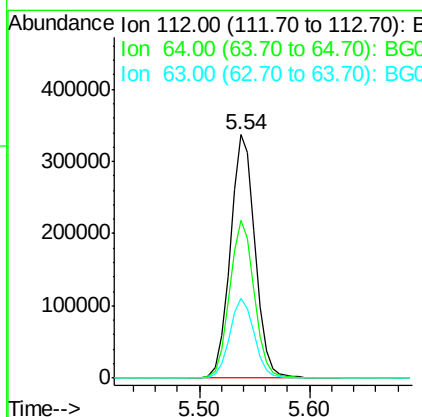
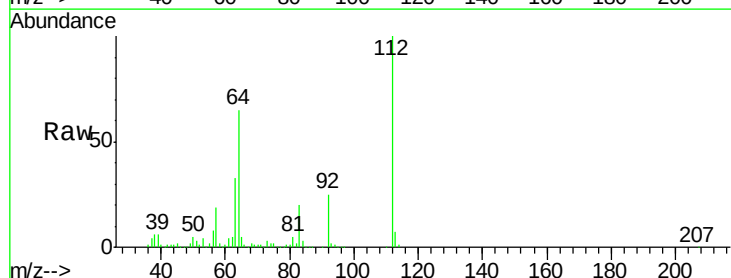
Tot Ion:152 Resp: 88234
Ion Ratio Lower Upper
152 100
150 156.0 122.1 183.1
115 54.7 43.2 64.8

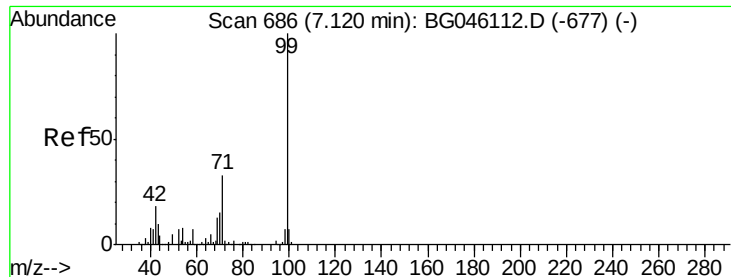


#5

2-Fluorophenol
Concen: 104.036 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046144.D
Acq: 1 Aug 2020 4:55

Tgt Ion:112 Resp: 528054
Ion Ratio Lower Upper
112 100
64 64.8 50.2 75.2
63 32.6 24.2 36.4





#7

Phenol-d6

Concen: 89.855 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046144.D

Acq: 1 Aug 2020 4:55

Instrument :

BNA_G

ClientSampled :

TP-3

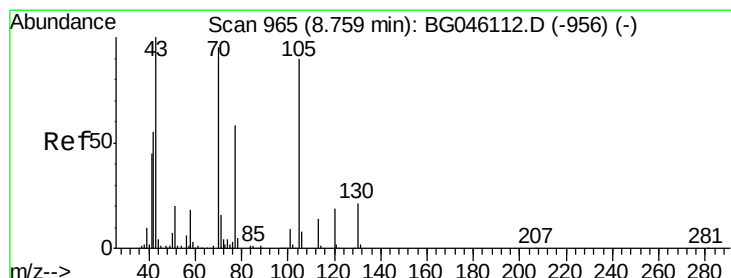
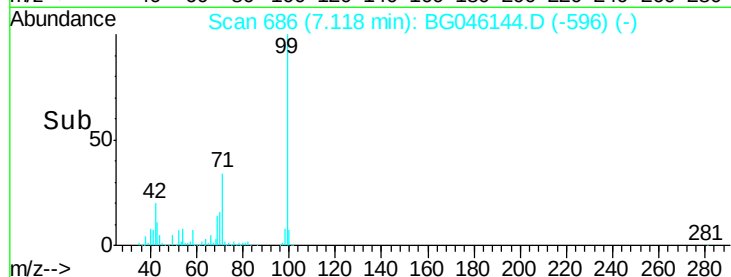
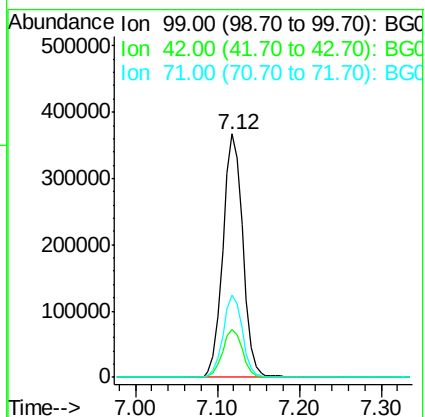
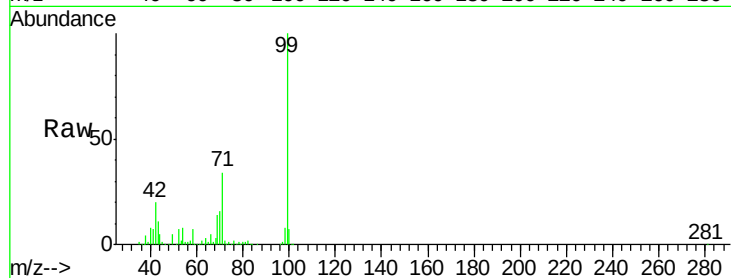
Tot Ion: 99 Resp: 621571

Ion Ratio Lower Upper

99 100

42 19.7 14.7 22.1

71 33.8 26.5 39.7



#19

n-Nitroso-di-n-propylamine

Concen: 14.780 ng

RT: 9.10 min Scan# 1024

Delta R.T. 0.34 min

Lab File: BG046144.D

Acq: 1 Aug 2020 4:55

Tgt Ion: 70 Resp: 66538

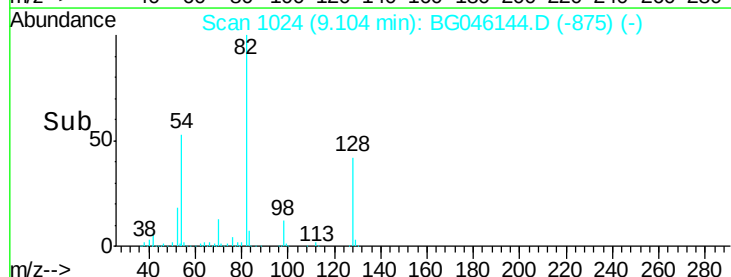
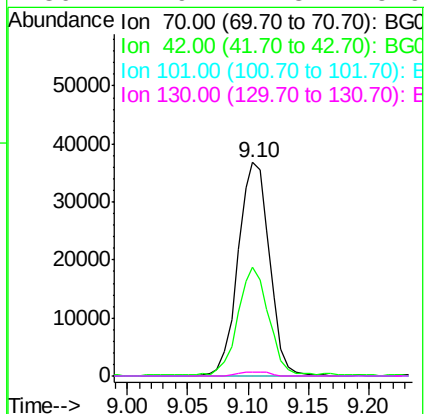
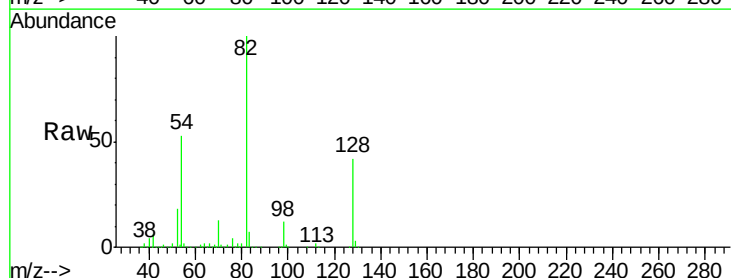
Ion Ratio Lower Upper

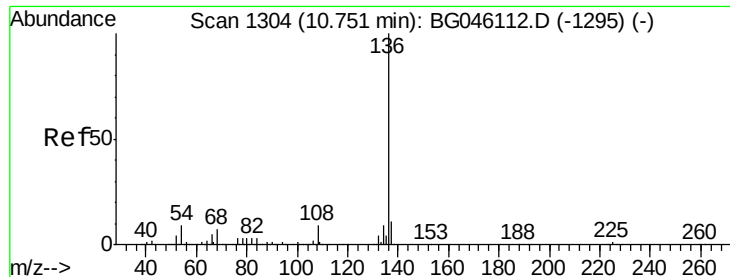
70 100

42 50.8 46.5 69.7

101 0.0 7.6 11.4#

130 1.9 17.3 25.9#

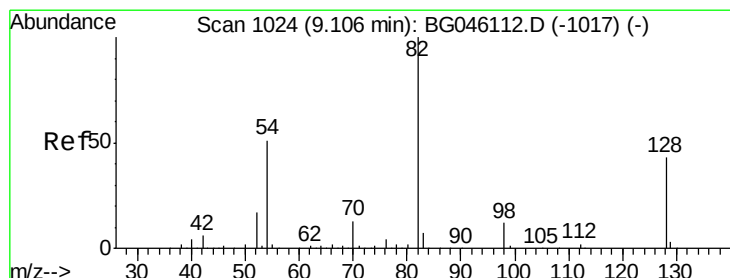
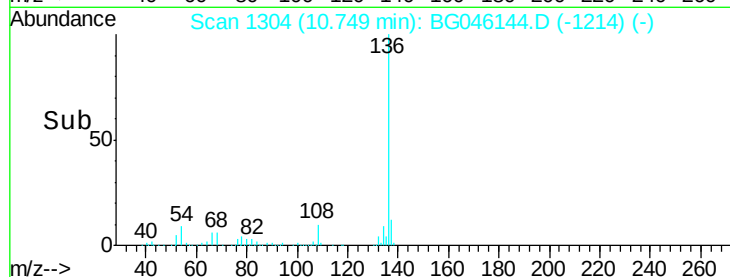
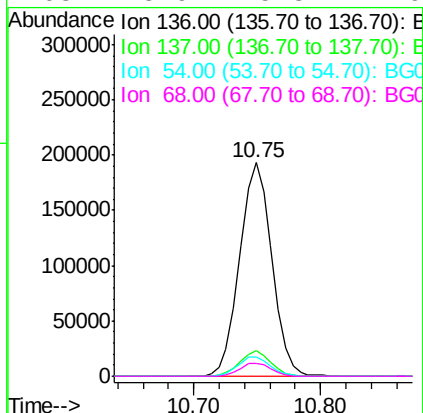
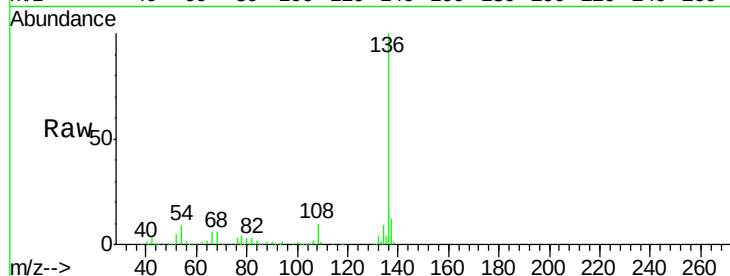




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG046144.D
Acq: 1 Aug 2020 4:55

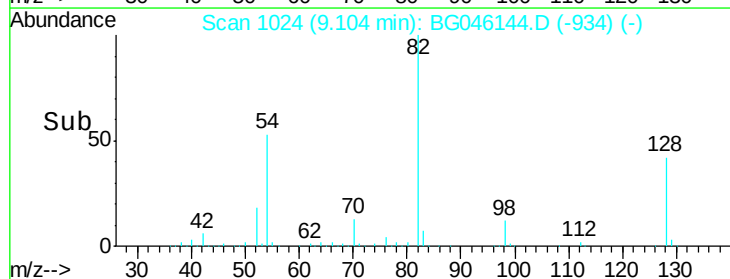
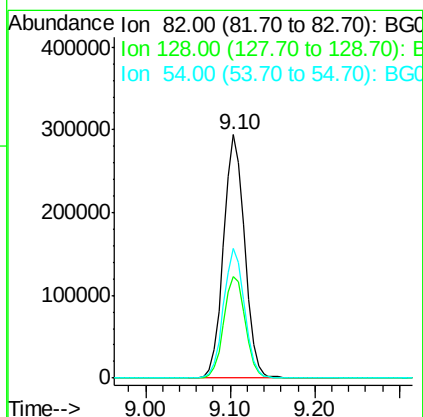
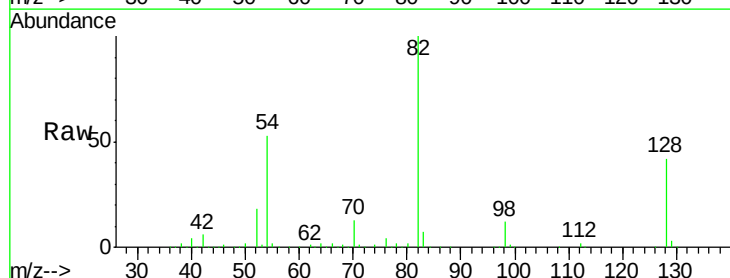
Instrument :
BNA_G
ClientSampleId :
TP-3

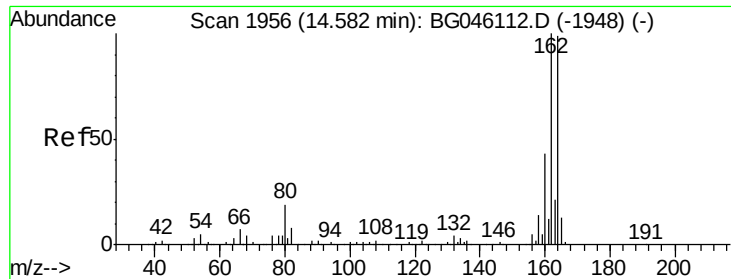
Tot Ion:136	Resp: 340153
Ion Ratio	Lower Upper
136 100	
137 12.2	8.8 13.2
54 9.0	7.0 10.4
68 5.9	5.3 7.9



#23
Nitrobenzene-d5
Concen: 80.796 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046144.D
Acq: 1 Aug 2020 4:55

Tgt Ion: 82	Resp: 507602
Ion Ratio	Lower Upper
82 100	
128 41.9	34.4 51.6
54 53.3	40.8 61.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG046144.D

Acq: 1 Aug 2020 4:55

Instrument :

BNA_G

ClientSampleId :

TP-3

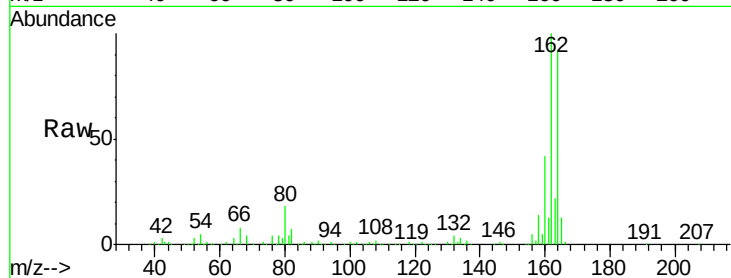
Tot Ion:164 Resp: 209852

Ion Ratio Lower Upper

164 100

162 108.8 80.6 121.0

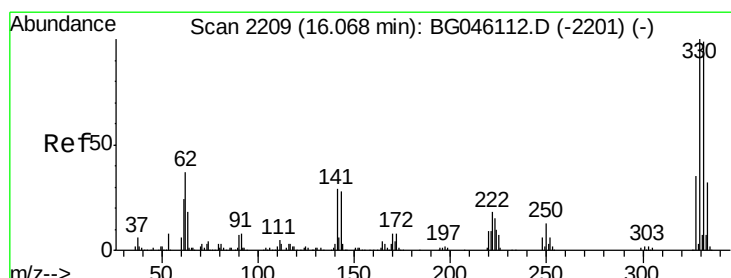
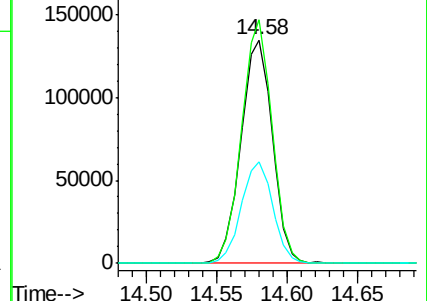
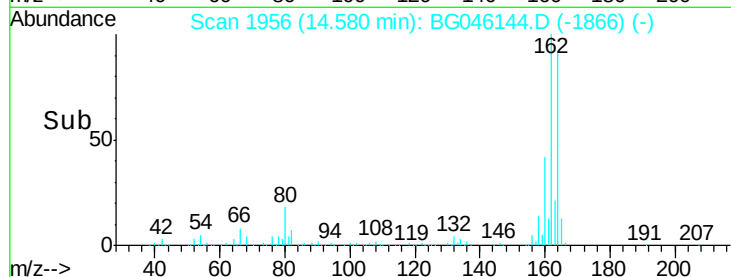
160 45.6 34.9 52.3



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: 109.968 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG046144.D

Acq: 1 Aug 2020 4:55

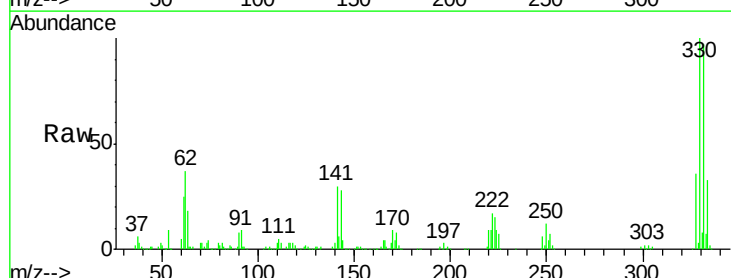
Tgt Ion:330 Resp: 354458

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

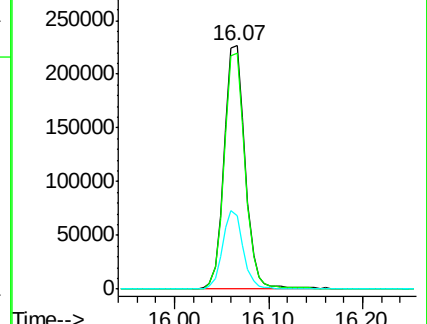
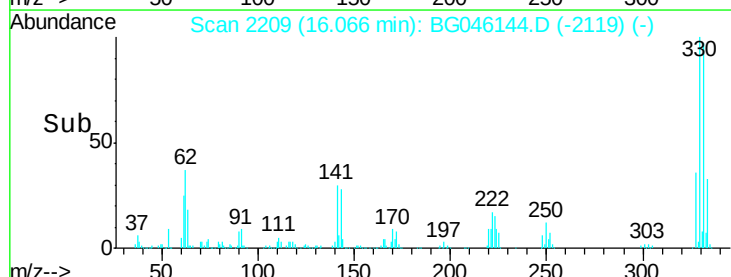
141 31.5 23.4 35.0

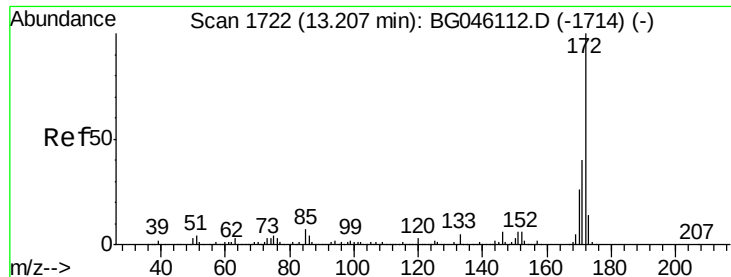


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

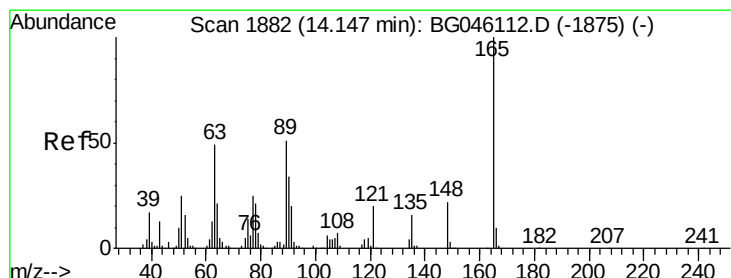
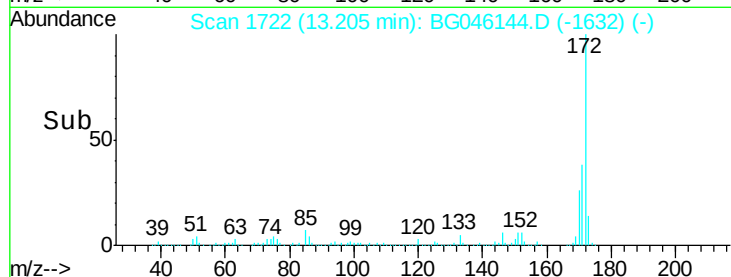
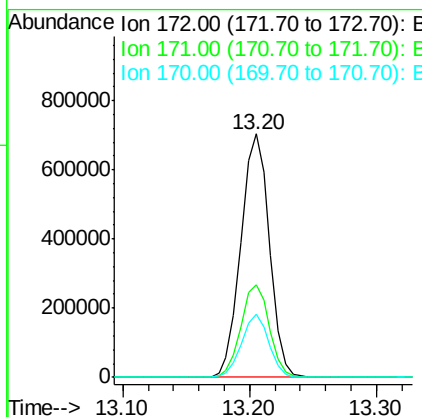
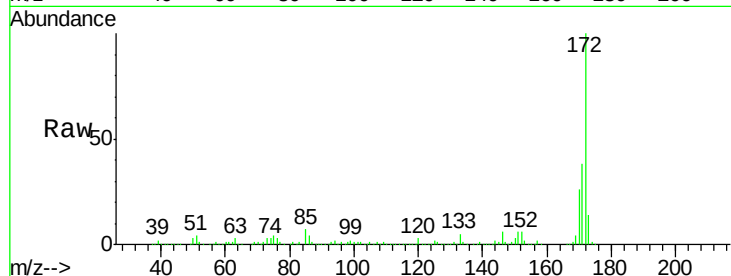




#45
2-Fluorobiphenyl
Concen: 75.977 ng
RT: 13.20 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG046144.D
Acq: 1 Aug 2020 4:55

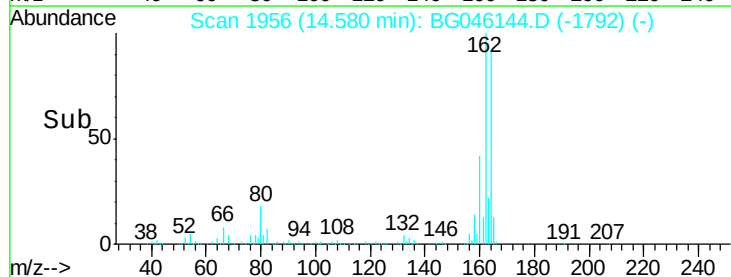
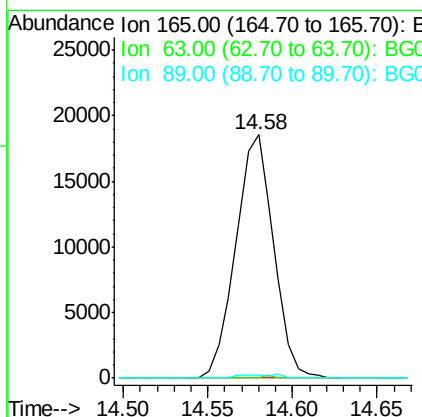
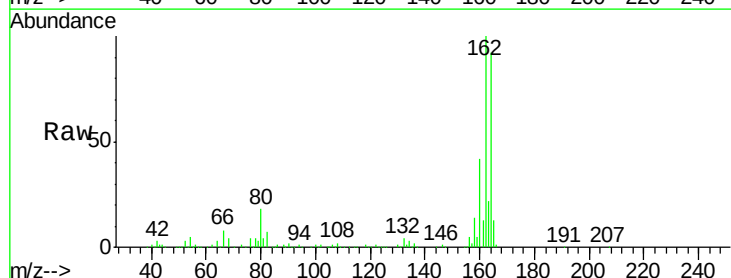
Instrument :
BNA_G
ClientSampleId :
TP-3

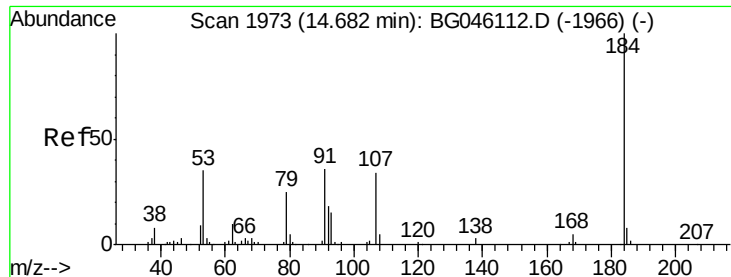
Tot Ion:172 Resp: 1097587
Ion Ratio Lower Upper
172 100
171 38.2 31.7 47.5
170 25.7 20.9 31.3



#51
2,6-Dinitrotoluene
Concen: 7.684 ng
RT: 14.58 min Scan# 1956
Delta R.T. 0.43 min
Lab File: BG046144.D
Acq: 1 Aug 2020 4:55

Tgt Ion:165 Resp: 28803
Ion Ratio Lower Upper
165 100
63 0.0 39.7 59.5#
89 1.3 41.0 61.6#

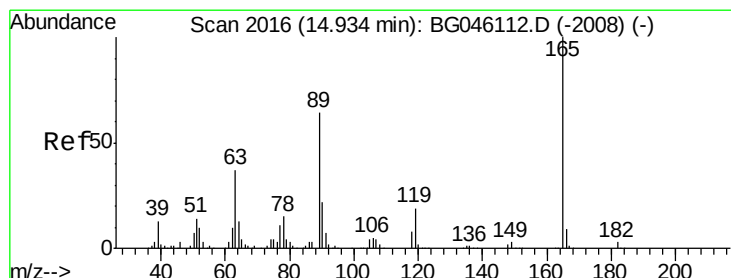
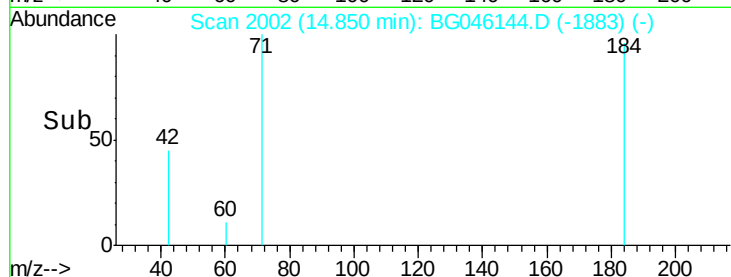
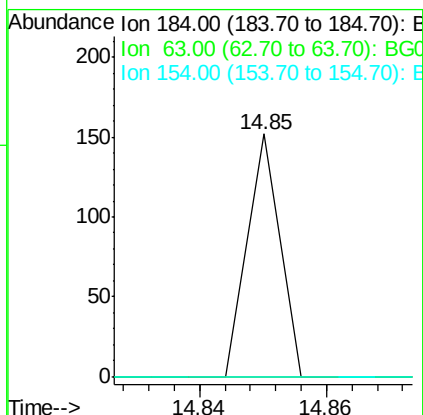
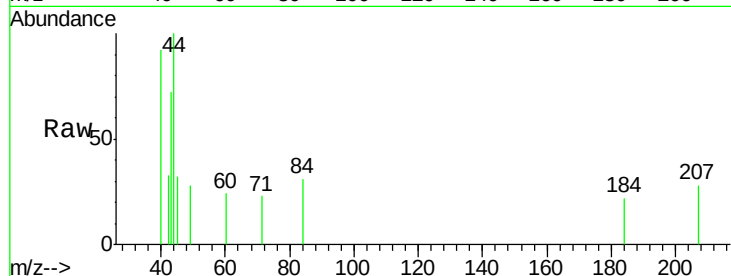




#54
2,4-Dinitrophenol
Concen: 7.087 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.17 min
Lab File: BG046144.D
Acq: 1 Aug 2020 4:55

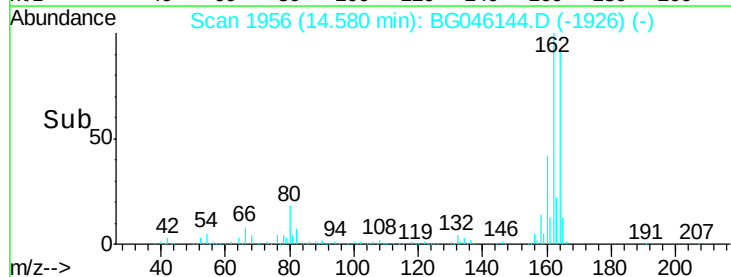
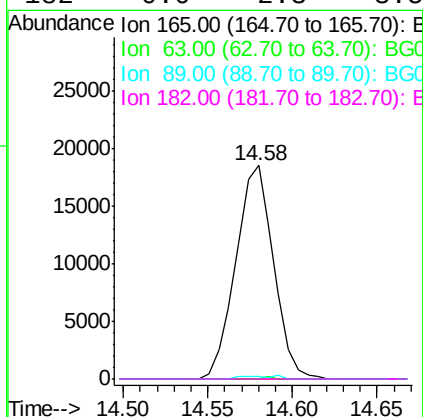
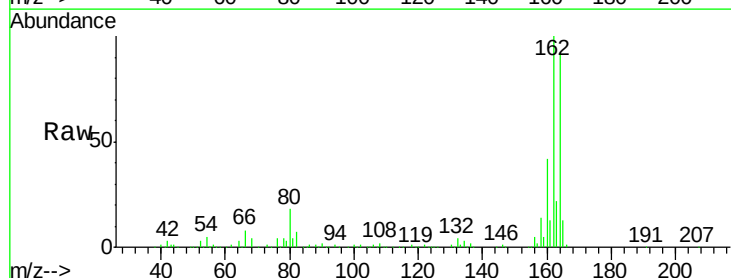
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TP-3

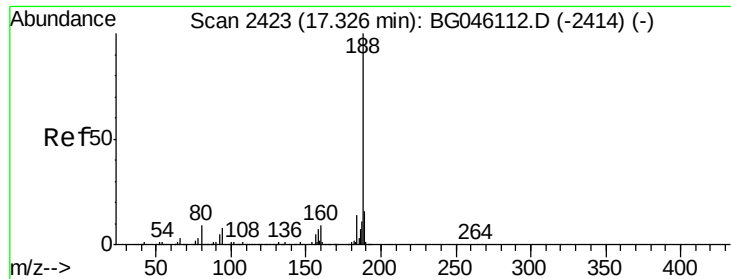
Tot Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 0.0 36.7 55.1#
154 0.0 41.3 61.9#



#57
2,4-Dinitrotoluene
Concen: 5.589 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.35 min
Lab File: BG046144.D
Acq: 1 Aug 2020 4:55

Tgt Ion:165 Resp: 28803
Ion Ratio Lower Upper
165 100
63 0.0 30.1 45.1#
89 1.3 51.4 77.2#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG046144.D

Acq: 1 Aug 2020 4:55

Instrument :

BNA_G

ClientSampled :

TP-3

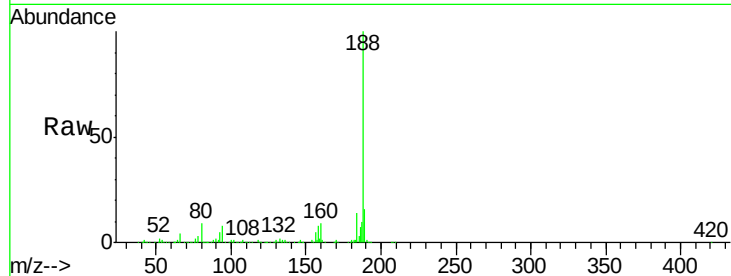
Tot Ion:188 Resp: 500463

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

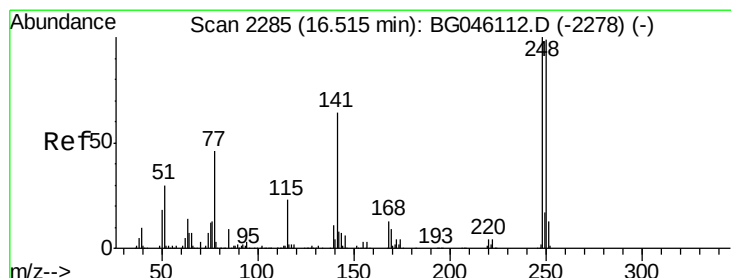
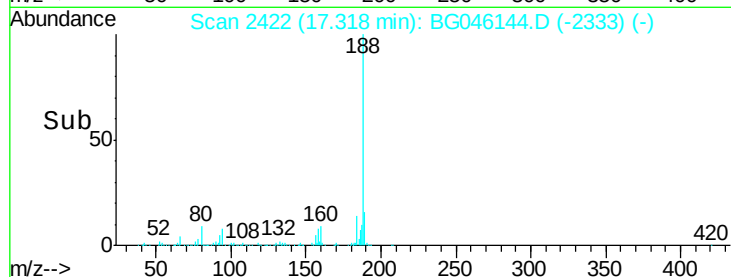
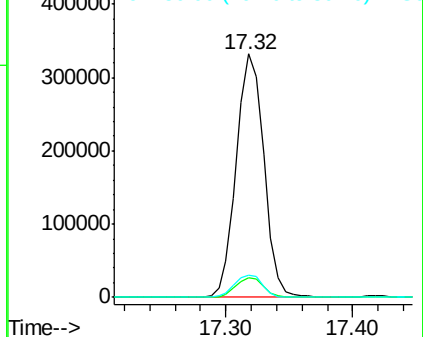
80 9.2 7.4 11.0



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: 3.468 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.45 min

Lab File: BG046144.D

Acq: 1 Aug 2020 4:55

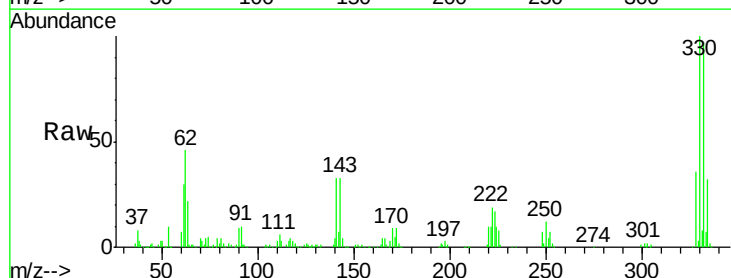
Tgt Ion:248 Resp: 21444

Ion Ratio Lower Upper

248 100

250 186.1 79.4 119.0#

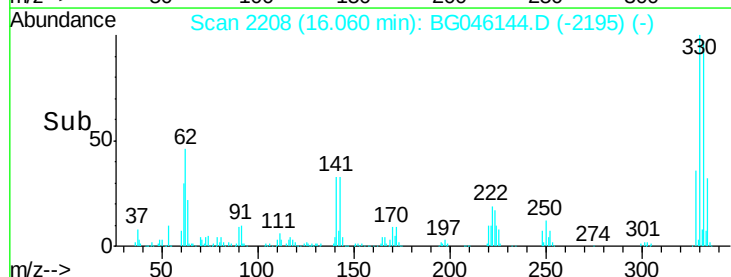
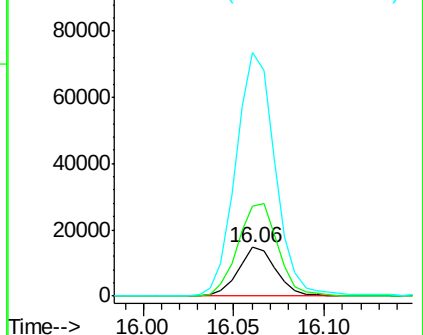
141 502.1 50.9 76.3#

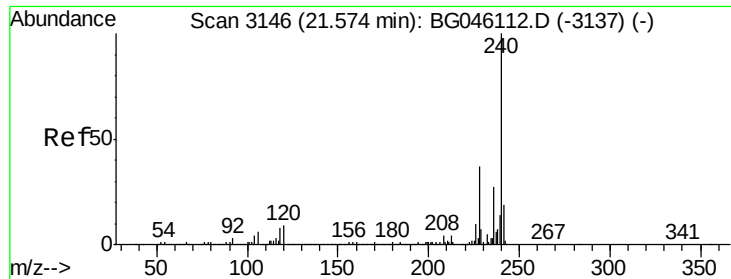


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

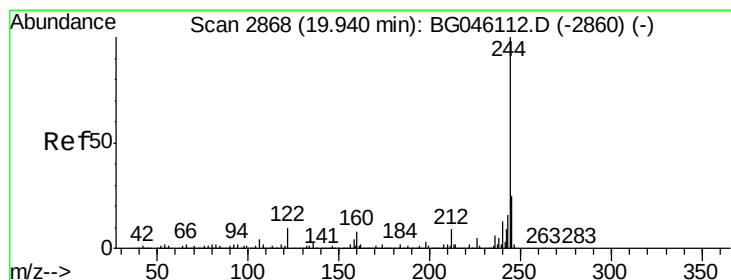
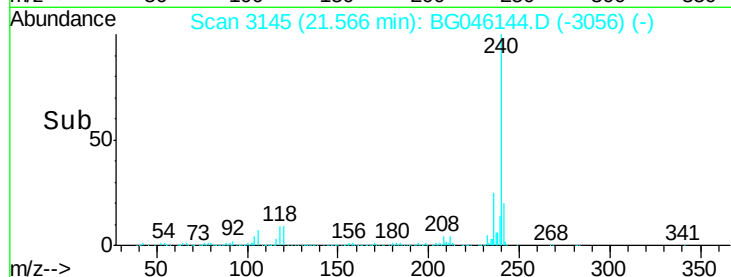
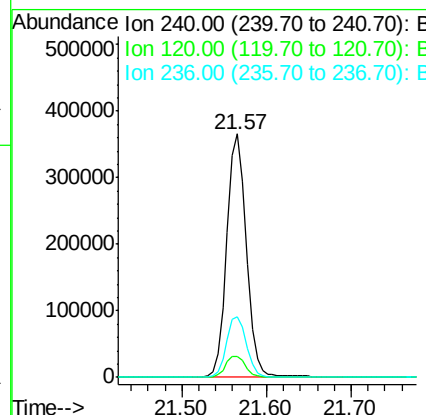
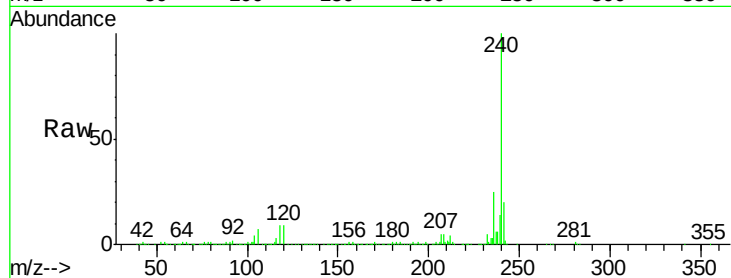




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG046144.D
Acq: 1 Aug 2020 4:55

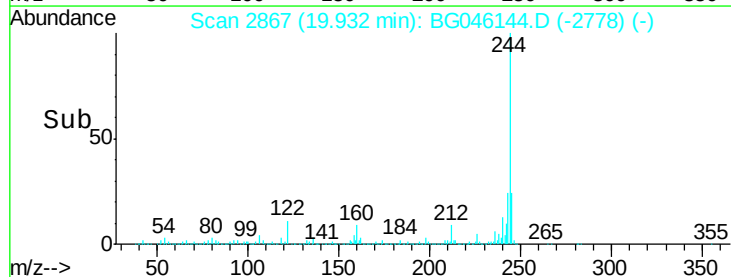
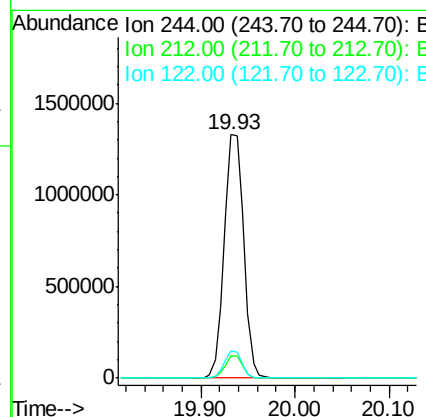
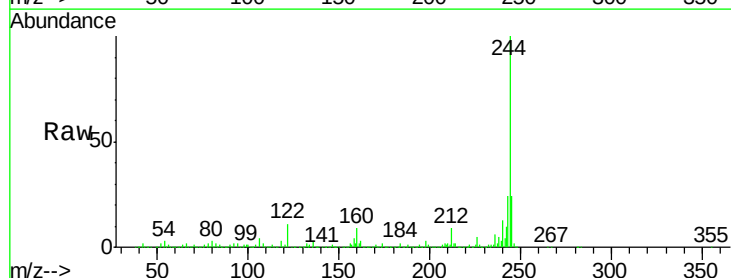
Instrument :
BNA_G
ClientSampled :
TP-3

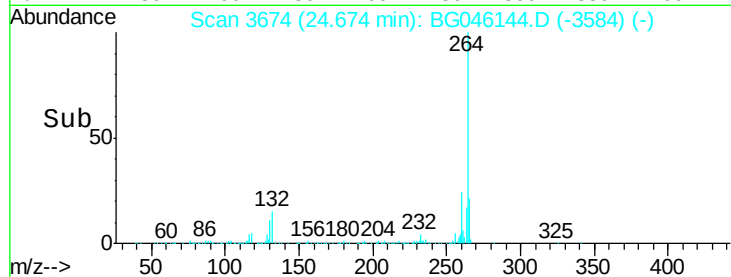
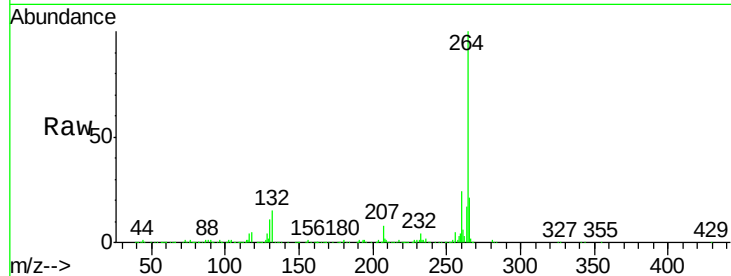
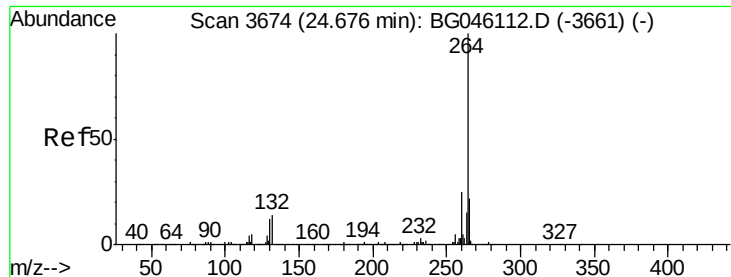
Tot Ion:240 Resp: 591271
Ion Ratio Lower Upper
240 100
120 8.8 7.1 10.7
236 25.0 21.7 32.5



#79
Terphenyl-d14
Concen: 66.583 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BG046144.D
Acq: 1 Aug 2020 4:55

Tgt Ion:244 Resp: 1933033
Ion Ratio Lower Upper
244 100
212 8.9 7.2 10.8
122 11.1 8.3 12.5





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG046144.D
Acq: 1 Aug 2020 4:55

Instrument :
BNA_G
ClientSampleId :
TP-3

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.2	19.7	29.5	
265	21.4	17.6	26.4	

