

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
 Data File : BG046193.D
 Acq On : 7 Aug 2020 14:54
 Operator : CG/JU
 Sample : L3594-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Aug 07 17:22:57 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

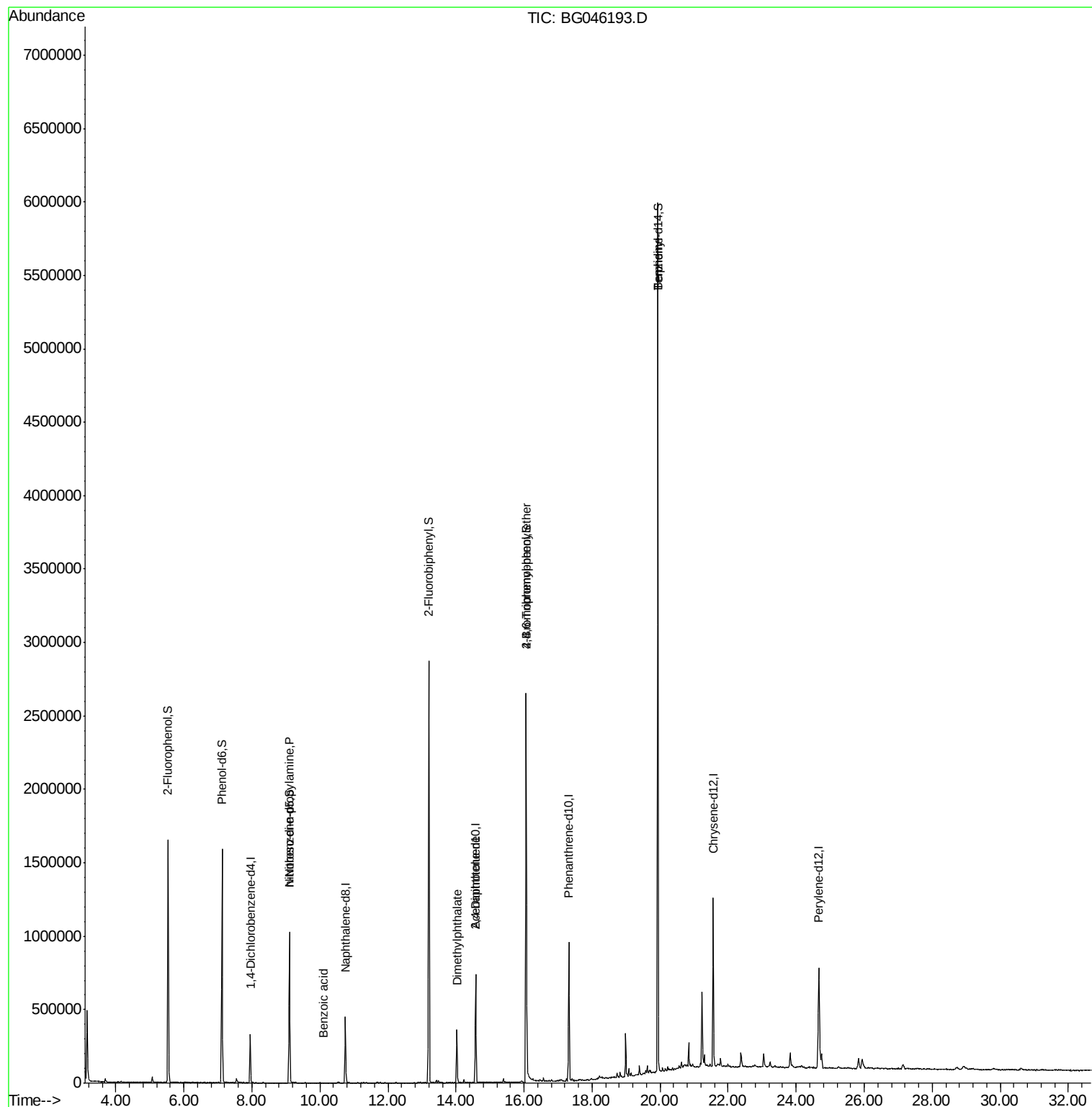
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	105068	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	398176	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	256631	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	613255	20.00	ng	-0.01
76) Chrysene-d12	21.56	240	704919	20.00	ng	-0.01
86) Perylene-d12	24.67	264	736406	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	767562	126.99	ng	0.00
7) Phenol-d6	7.12	99	988207	119.97	ng	0.00
23) Nitrobenzene-d5	9.10	82	647641	88.06	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	643168	163.17	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1554426	87.99	ng	0.00
79) Terphenyl-d14	19.94	244	2407237	69.55	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	81528	15.208	ng	# 76
32) Benzoic acid	10.10	122	71	9.423	ng	# 1
50) Dimethylphthalate	14.03	163	268403	13.627	ng	99
57) 2,4-Dinitrotoluene	14.58	165	34714	5.508	ng	# 29
67) 4-Bromophenyl-phenylether	16.06	248	39627	5.230	ng	# 1
77) Benzidine	19.94	184	41993	2.103	ng	# 94

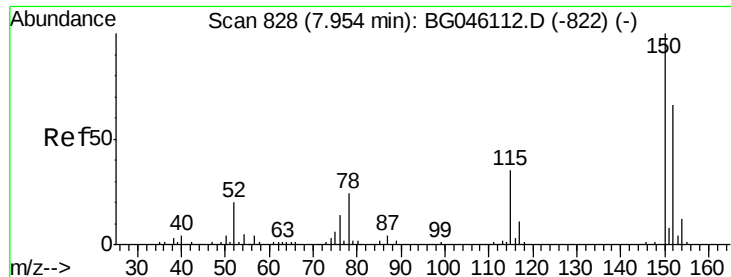
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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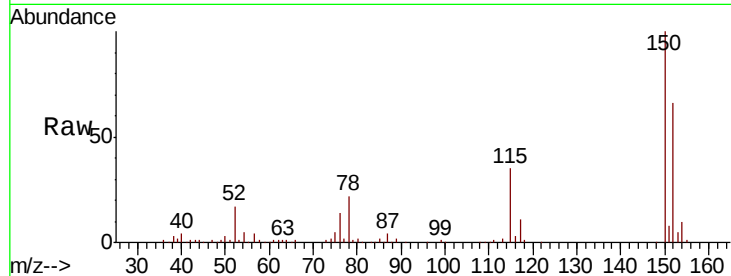


#1

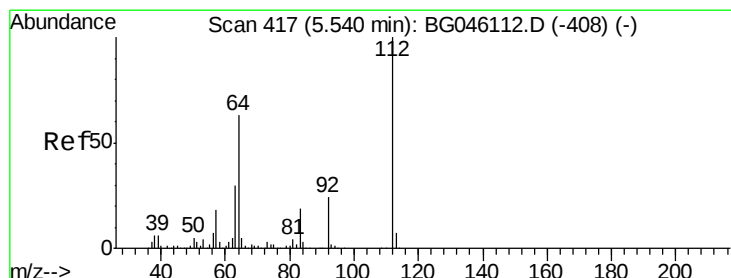
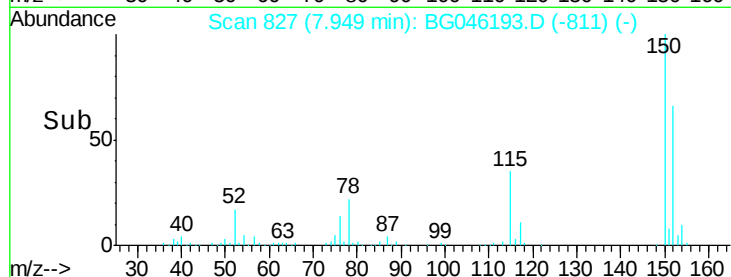
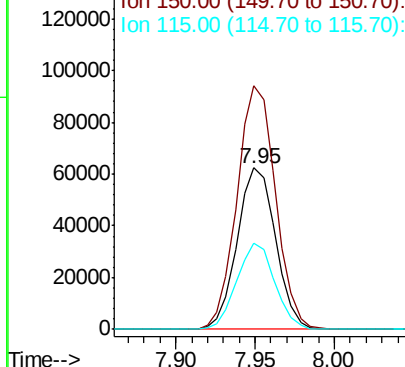
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG046193.D
Acq: 7 Aug 2020 14:54

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion:152 Resp: 105068
Ion Ratio Lower Upper
152 100
150 150.9 122.1 183.1
115 53.2 43.2 64.8



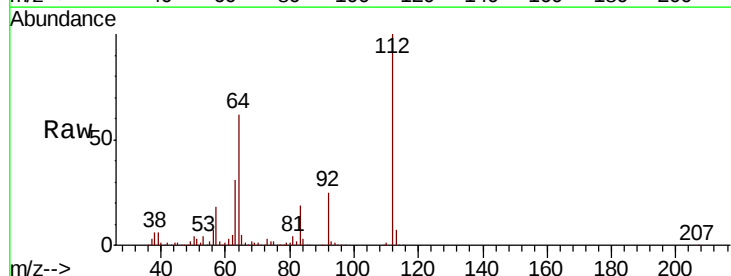
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



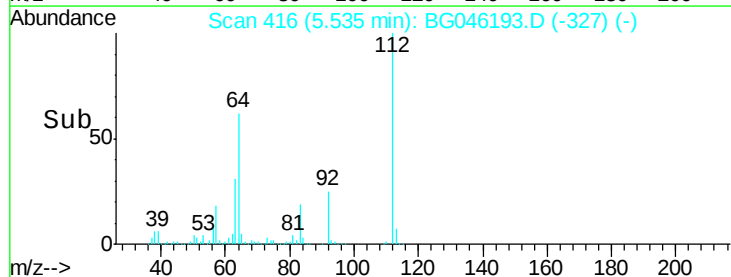
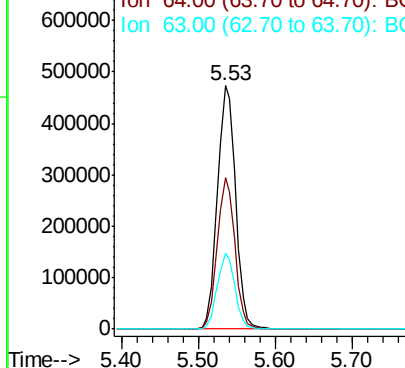
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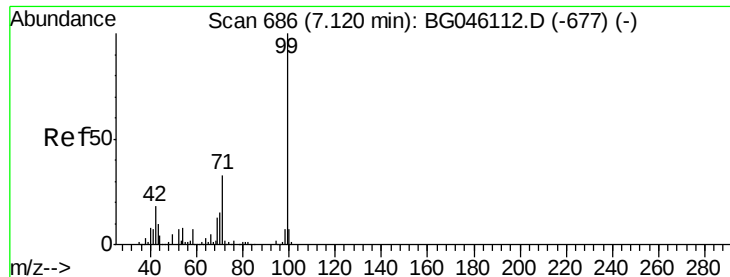
2-Fluorophenol
Concen: 126.995 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG046193.D
Acq: 7 Aug 2020 14:54

Tgt Ion:112 Resp: 767562
Ion Ratio Lower Upper
112 100
64 62.0 50.2 75.2
63 31.1 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 119.968 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046193.D

Acq: 7 Aug 2020 14:54

Instrument :

BNA_G

ClientSampleId :

TP-2

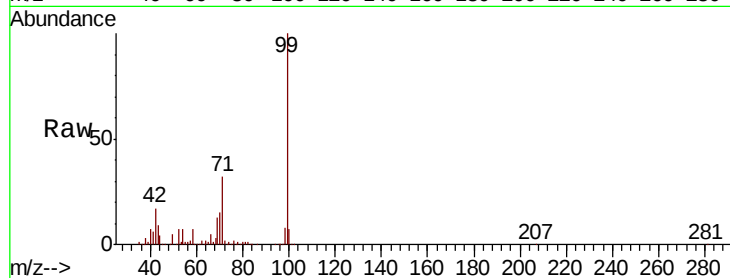
Tot Ion: 99 Resp: 988207

Ion Ratio Lower Upper

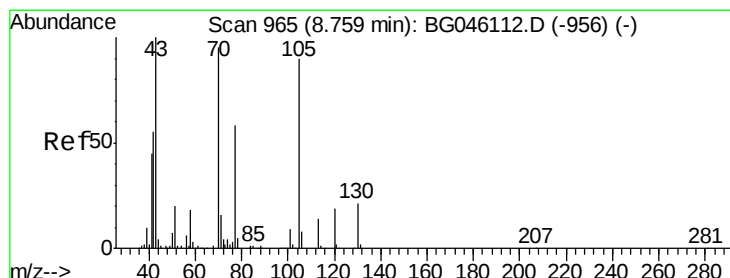
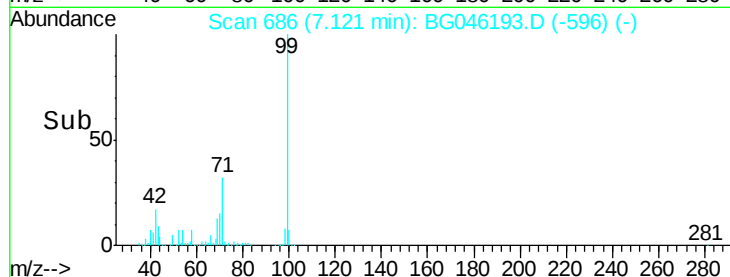
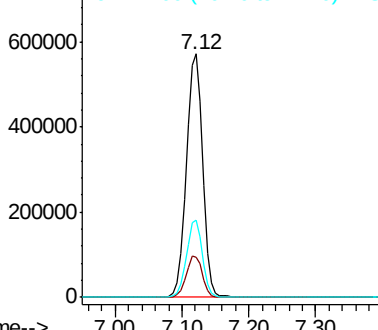
99 100

42 16.7 14.7 22.1

71 31.6 26.5 39.7



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: 15.208 ng

RT: 9.10 min Scan# 1023

Delta R.T. 0.34 min

Lab File: BG046193.D

Acq: 7 Aug 2020 14:54

Tgt Ion: 70 Resp: 81528

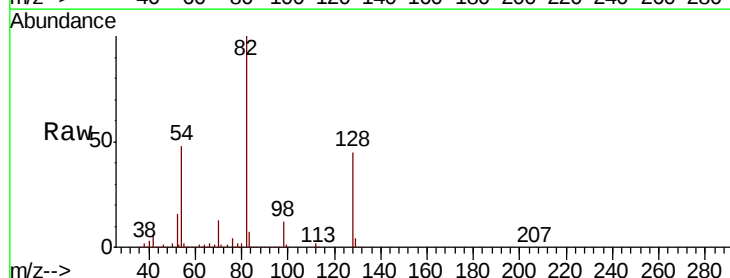
Ion Ratio Lower Upper

70 100

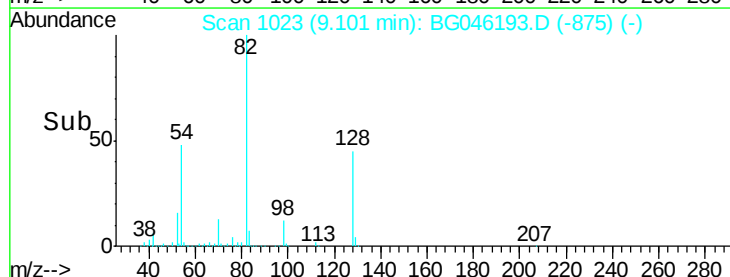
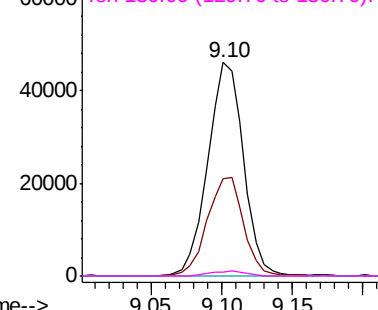
42 45.4 46.5 69.7#

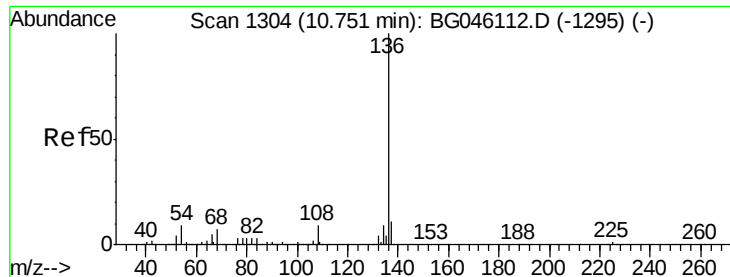
101 0.0 7.6 11.4#

130 1.9 17.3 25.9#



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

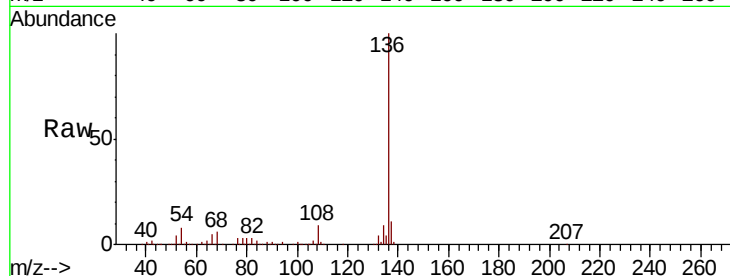




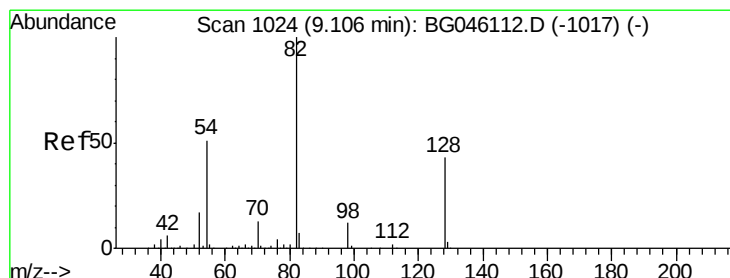
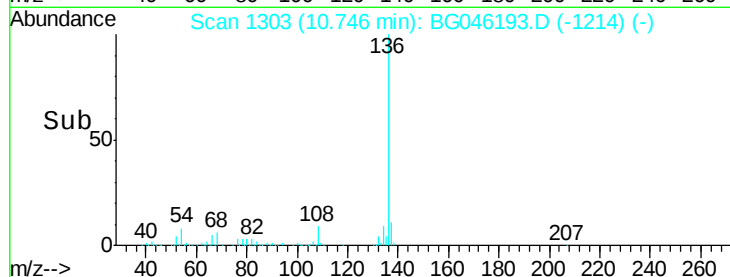
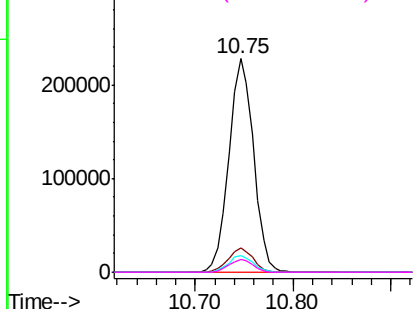
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG046193.D
Acq: 7 Aug 2020 14:54

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion:136	Resp:	398176
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.8	13.2
54 7.6	7.0	10.4
68 5.9	5.3	7.9

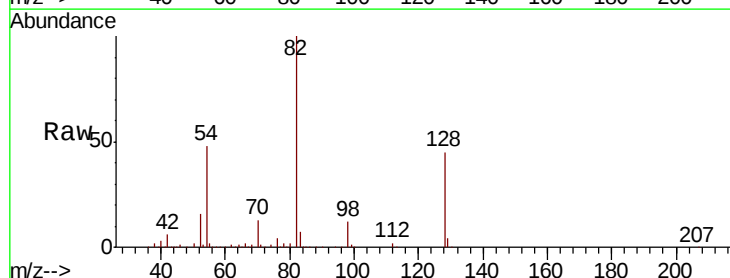


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

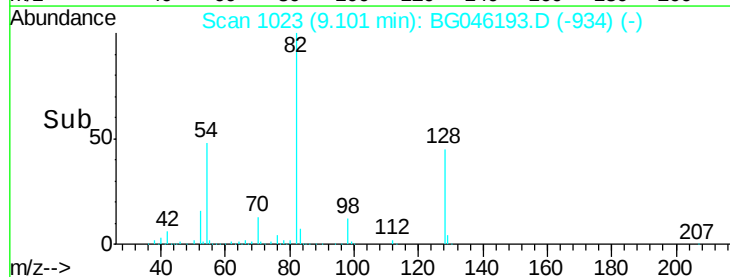
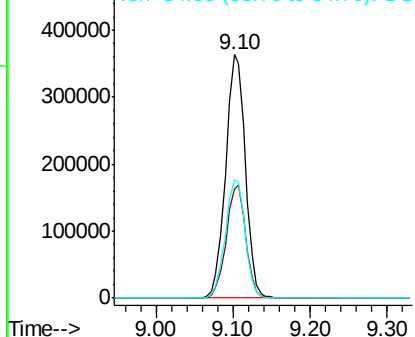


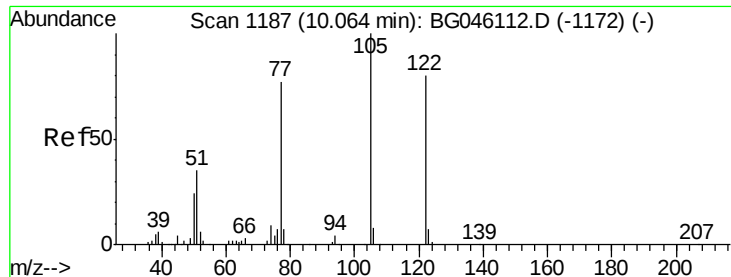
#23
Nitrobenzene-d5
Concen: 88.064 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG046193.D
Acq: 7 Aug 2020 14:54

Tgt Ion: 82	Resp: 647641
Ion Ratio	Lower Upper
82 100	
128 44.9	34.4 51.6
54 48.3	40.8 61.2



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

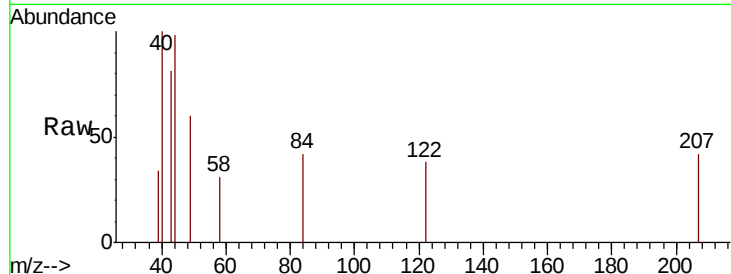




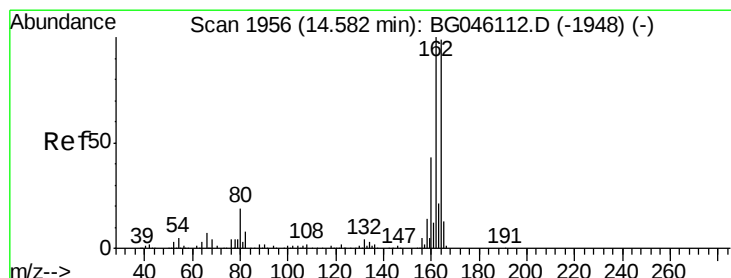
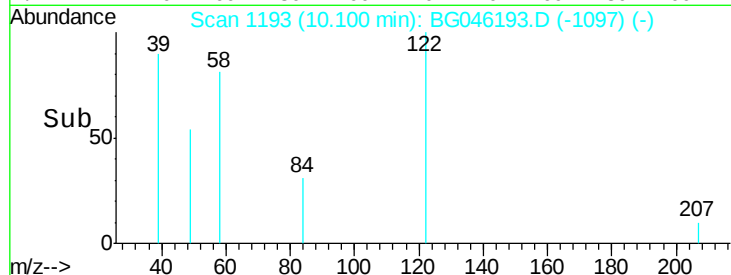
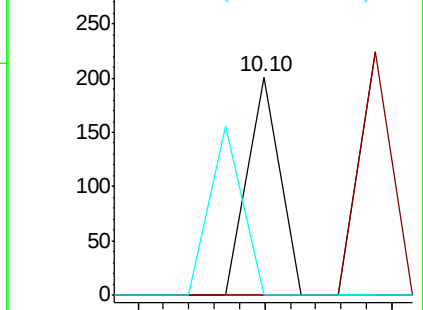
#32
Benzoic acid
Concen: 9.423 ng
RT: 10.10 min Scan# 1193
Delta R.T. 0.04 min
Lab File: BG046193.D
Acq: 7 Aug 2020 14:54

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.0	143.0#
77	0.0	75.2	115.2#

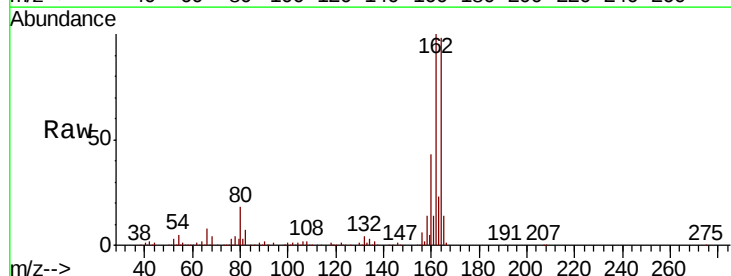


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

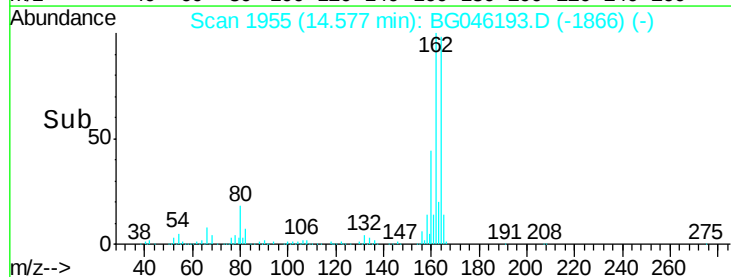
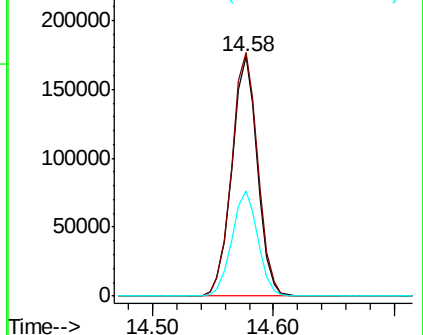


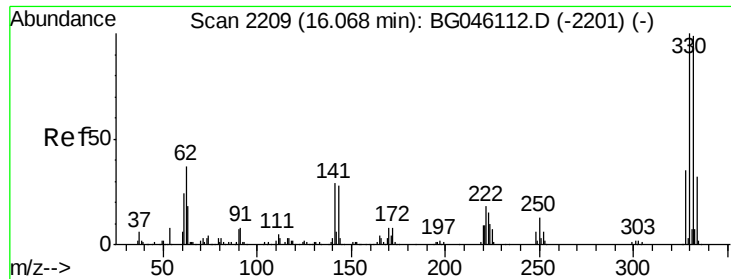
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BG046193.D
Acq: 7 Aug 2020 14:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.6	121.0
160	44.2	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

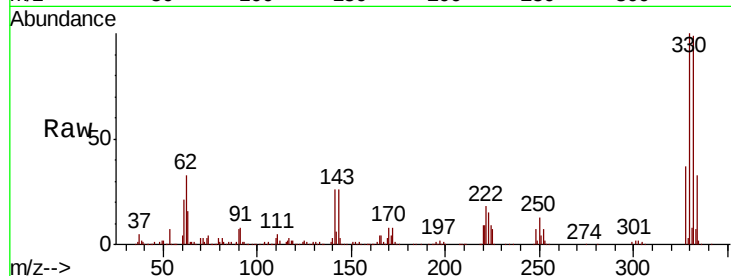




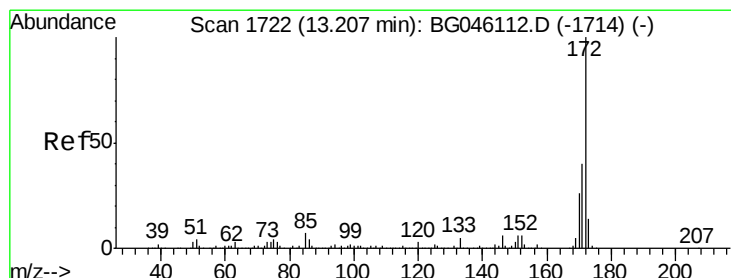
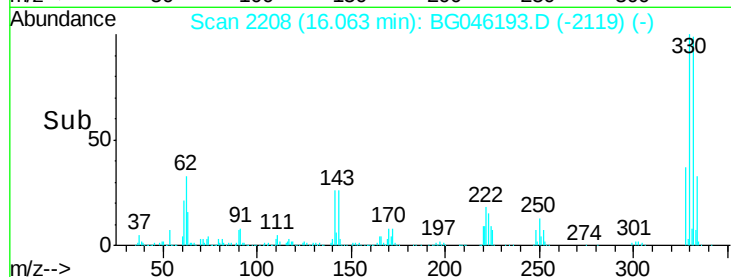
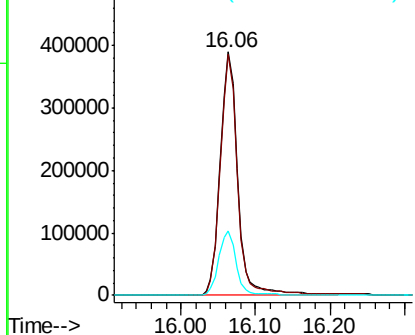
#42
 2,4,6-Tribromophenol
 Concen: 163.166 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BG046193.D
 Acq: 7 Aug 2020 14:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tot Ion:330 Resp: 643168
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 26.6 23.4 35.0

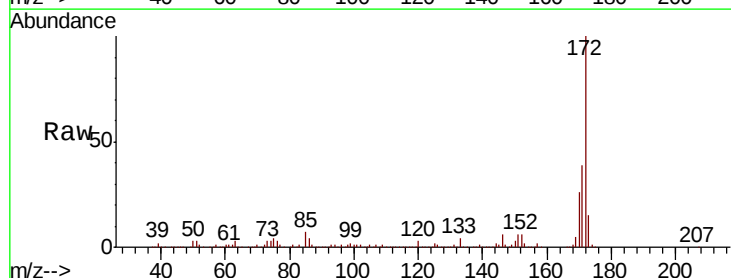


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

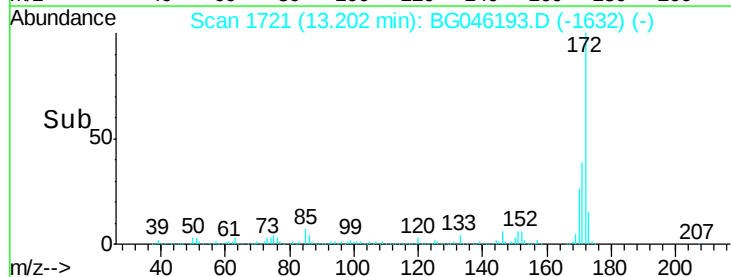
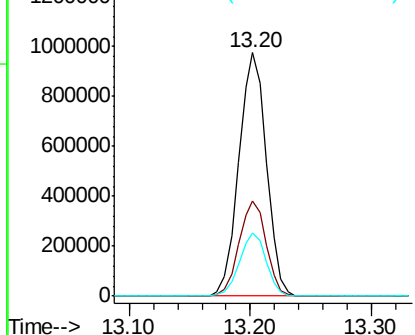


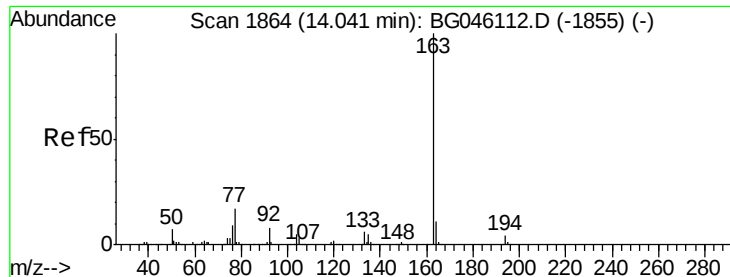
#45
 2-Fluorobiphenyl
 Concen: 87.987 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG046193.D
 Acq: 7 Aug 2020 14:54

Tgt Ion:172 Resp: 1554426
 Ion Ratio Lower Upper
 172 100
 171 39.0 31.7 47.5
 170 26.1 20.9 31.3



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

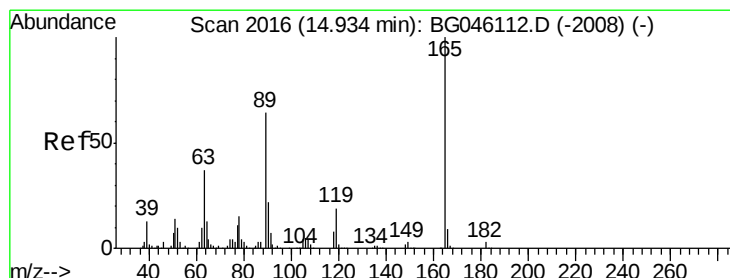
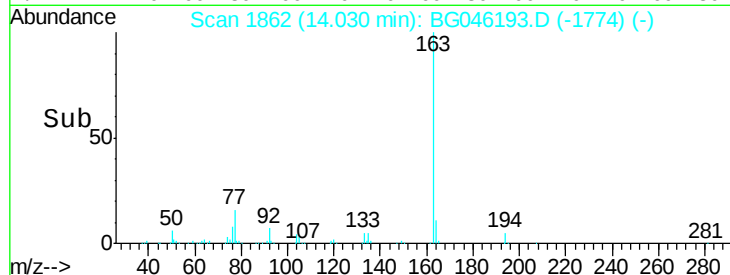
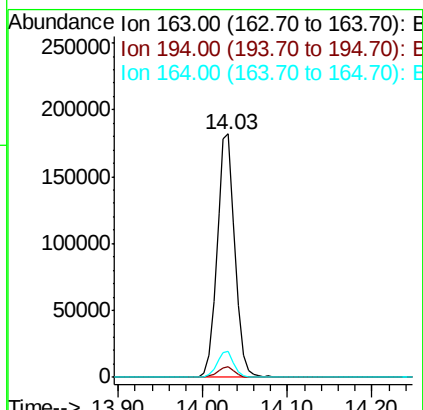
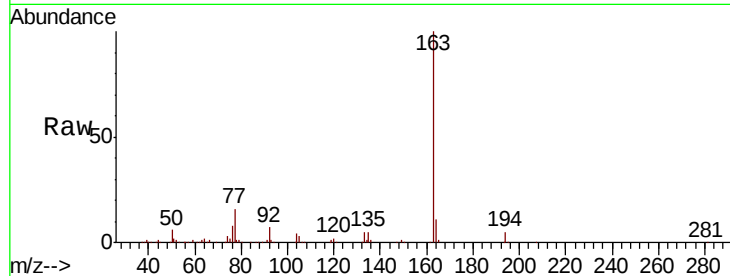




#50
Dimethylphthalate
Concen: 13.627 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG046193.D
Acq: 7 Aug 2020 14:54

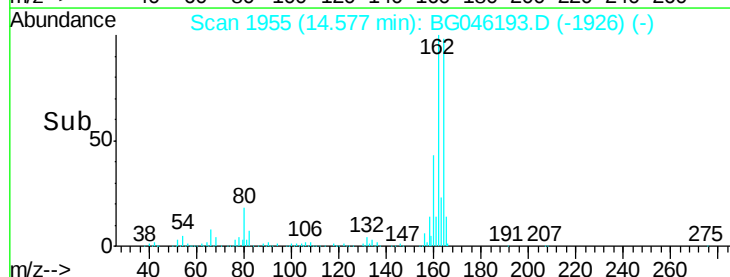
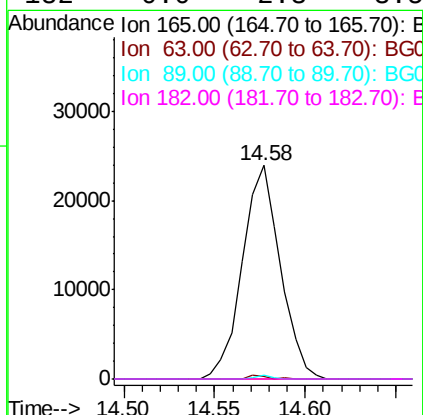
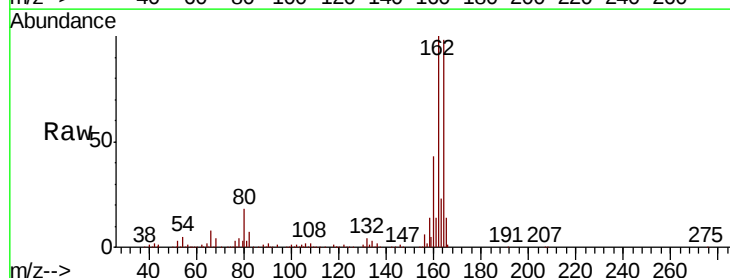
Instrument :
BNA_G
ClientSampleId :
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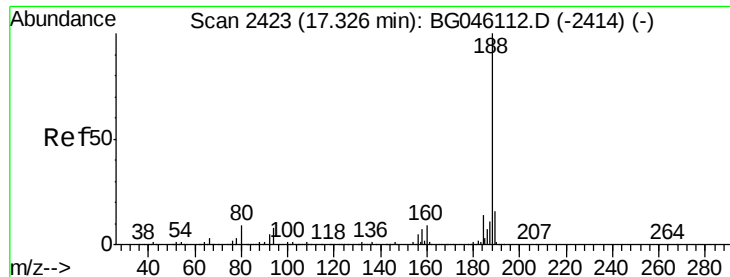
Tot Ion:163 Resp: 268403
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 10.6 8.8 13.2



#57
2,4-Dinitrotoluene
Concen: 5.508 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.36 min
Lab File: BG046193.D
Acq: 7 Aug 2020 14:54

Tgt Ion:165 Resp: 34714
Ion Ratio Lower Upper
165 100
63 1.0 30.1 45.1#
89 1.7 51.4 77.2#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BG046193.D

Acq: 7 Aug 2020 14:54

Instrument :

BNA_G

ClientSampled :

TP-2

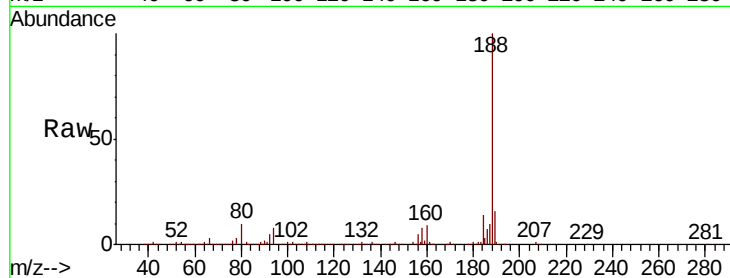
Tot Ion:188 Resp: 613255

Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

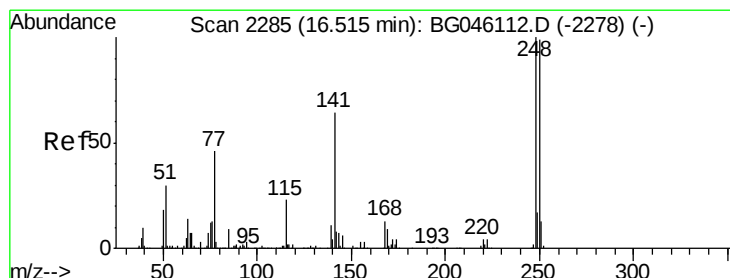
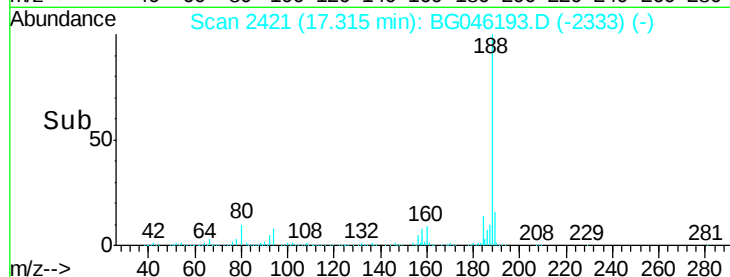
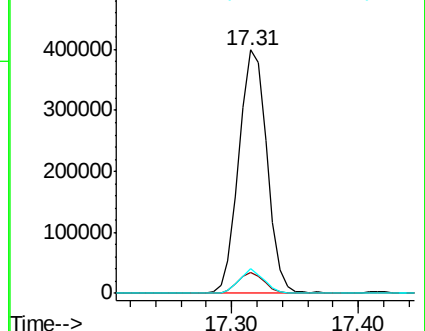
80 10.0 7.4 11.0



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: 5.230 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.45 min

Lab File: BG046193.D

Acq: 7 Aug 2020 14:54

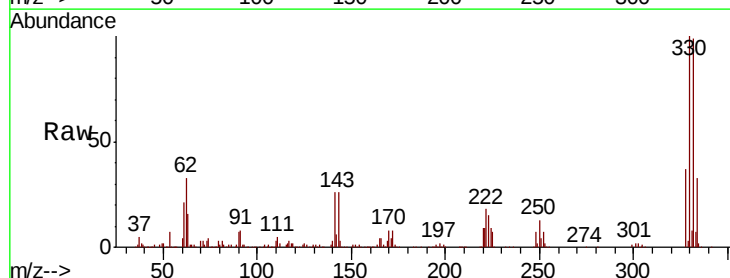
Tgt Ion:248 Resp: 39627

Ion Ratio Lower Upper

248 100

250 192.7 79.4 119.0#

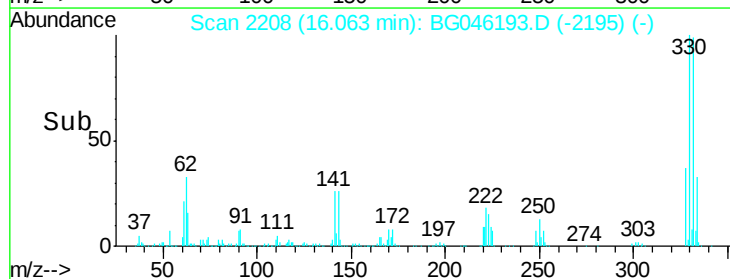
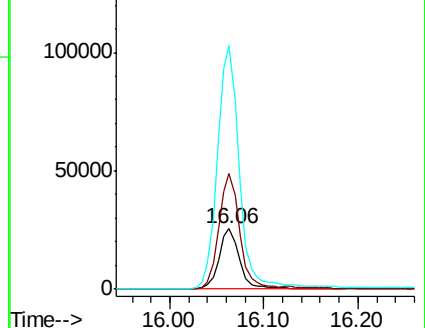
141 406.1 50.9 76.3#

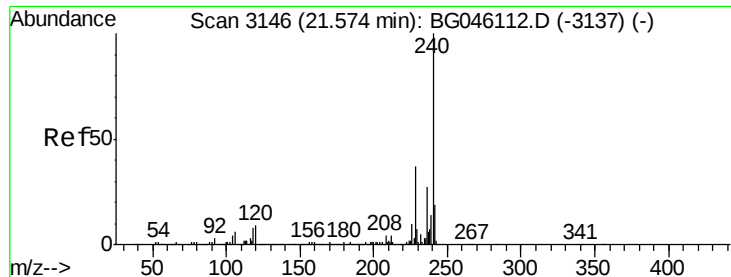


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG046193.D

Acq: 7 Aug 2020 14:54

Instrument :

BNA_G

ClientSampleId :

TP-2

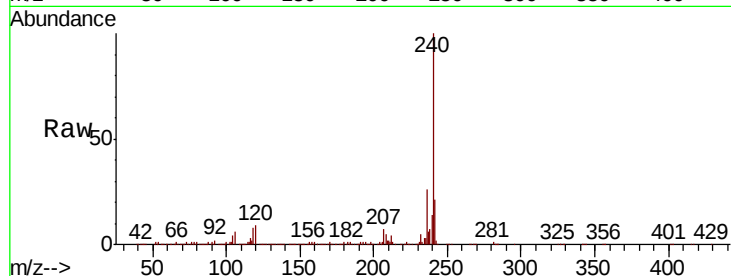
Tot Ion:240 Resp: 704919

Ion Ratio Lower Upper

240 100

120 8.8 7.1 10.7

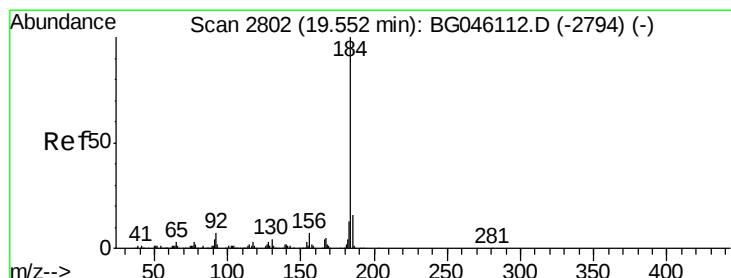
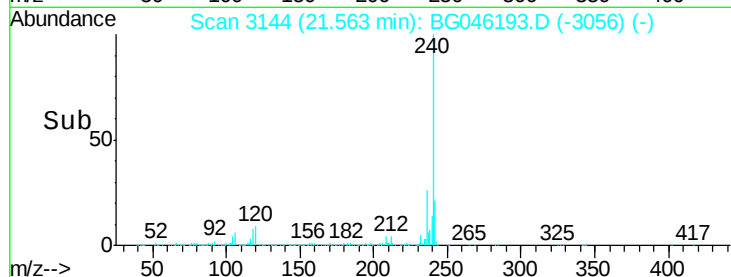
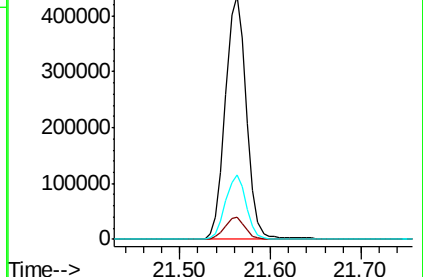
236 26.4 21.7 32.5



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: 2.103 ng

RT: 19.94 min Scan# 2867

Delta R.T. 0.38 min

Lab File: BG046193.D

Acq: 7 Aug 2020 14:54

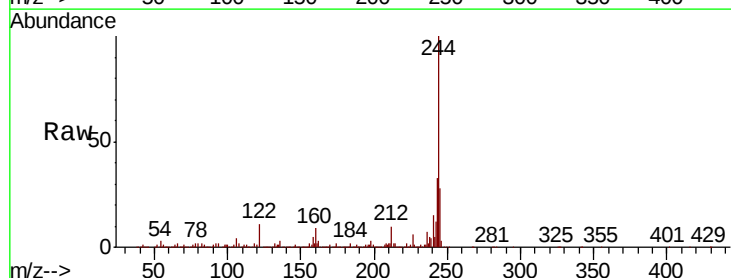
Tgt Ion:184 Resp: 41993

Ion Ratio Lower Upper

184 100

185 18.5 13.0 19.4

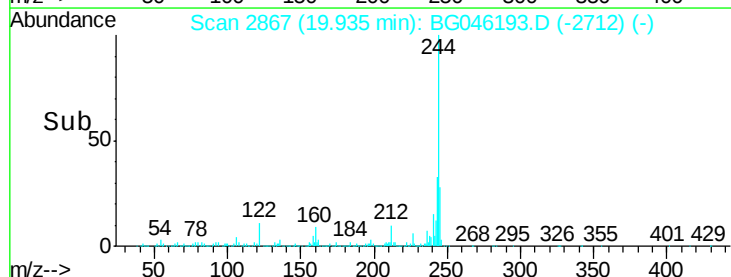
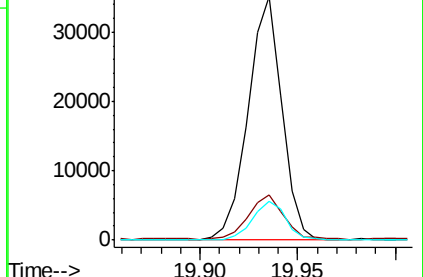
183 16.0 10.5 15.7#

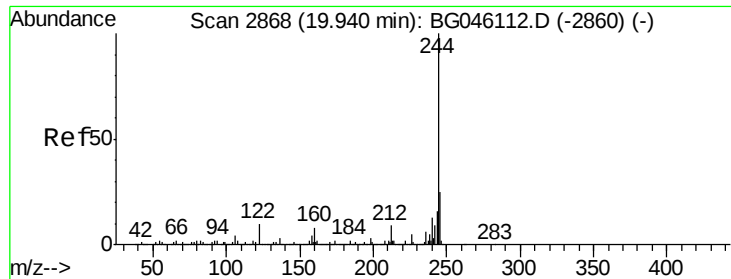


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 69.549 ng

RT: 19.94 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG046193.D

Acq: 7 Aug 2020 14:54

Instrument :

BNA_G

ClientSampleId :

TP-2

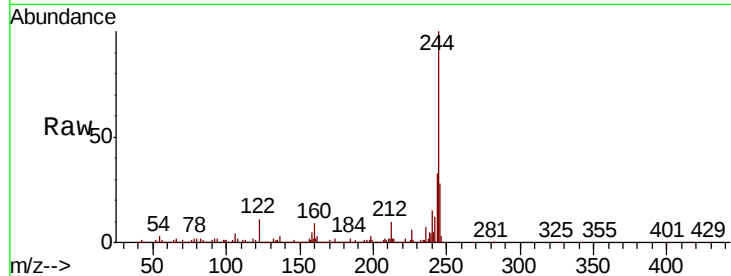
Tot Ion:244 Resp: 2407237

Ion Ratio Lower Upper

244 100

212 10.2 7.2 10.8

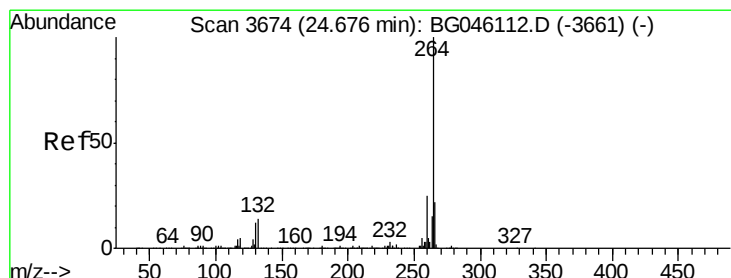
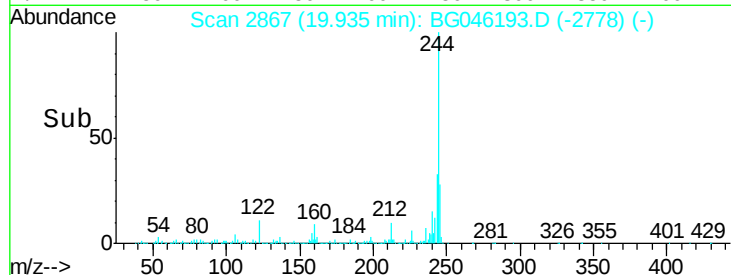
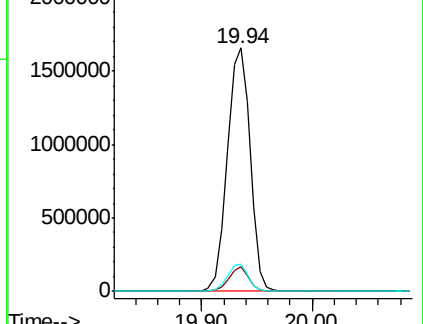
122 11.2 8.3 12.5



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

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.00 min

Lab File: BG046193.D

Acq: 7 Aug 2020 14:54

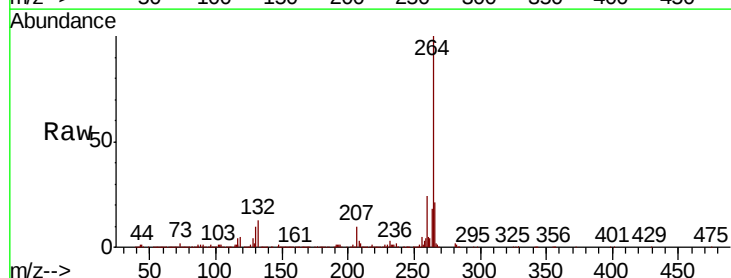
Tgt Ion:264 Resp: 736406

Ion Ratio Lower Upper

264 100

260 23.9 19.7 29.5

265 21.5 17.6 26.4



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

