

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081120\
 Data File : BG046221.D
 Acq On : 11 Aug 2020 17:27
 Operator : CG/JU
 Sample : L3627-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WH-CON-B

Quant Time: Aug 11 19:07:36 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

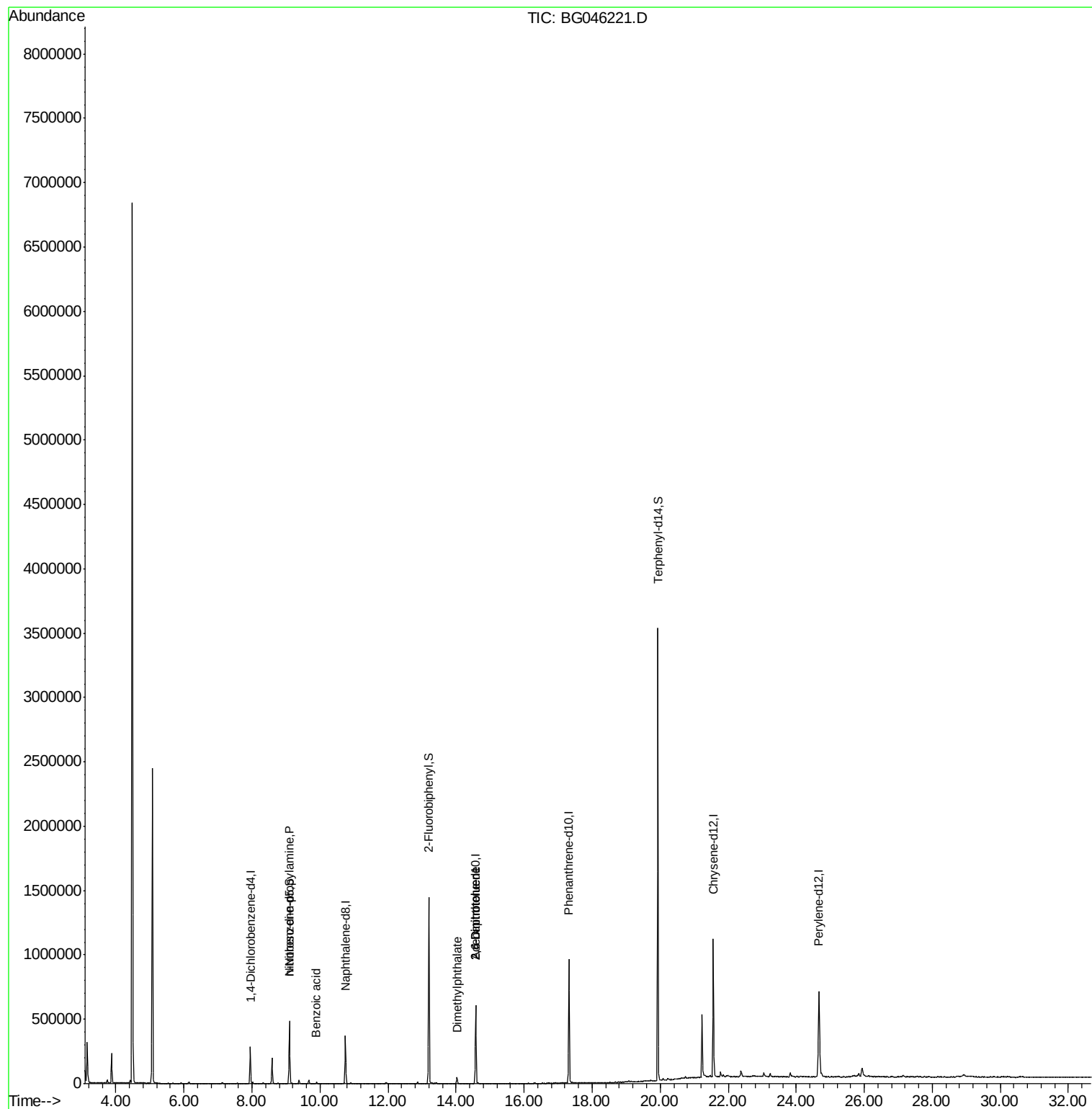
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	89249	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	340277	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	231717	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	618640	20.00	ng	0.00
76) Chrysene-d12	21.56	240	676984	20.00	ng	-0.01
86) Perylene-d12	24.67	264	704644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	667	0.13	ng	0.00
7) Phenol-d6	7.12	99	5066	0.72	ng	0.00
23) Nitrobenzene-d5	9.10	82	306927	48.84	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	13.20	172	796384	49.93	ng	0.00
79) Terphenyl-d14	19.93	244	1553732	46.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	38093	8.365	ng	# 78
32) Benzoic acid	9.90	122	61	9.423	ng	# 37
50) Dimethylphthalate	14.03	163	41986	2.361	ng	# 98
51) 2,6-Dinitrotoluene	14.57	165	29715	7.179	ng	# 29
57) 2,4-Dinitrotoluene	14.57	165	29715	5.222	ng	# 29

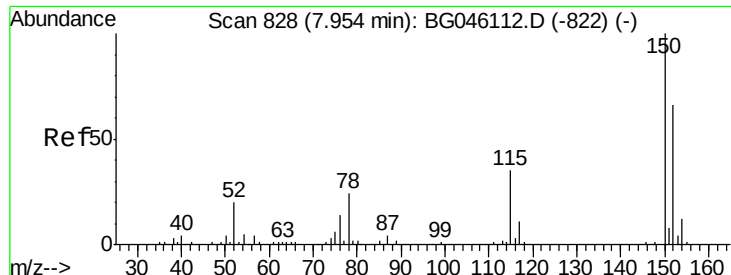
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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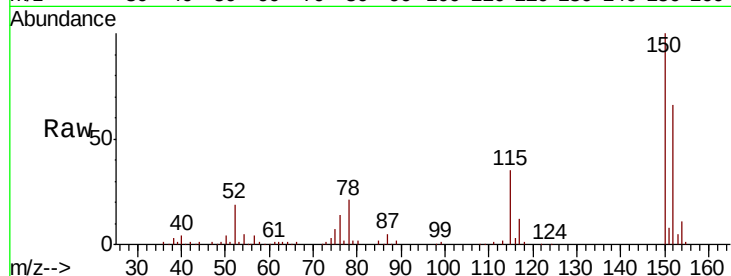


#1

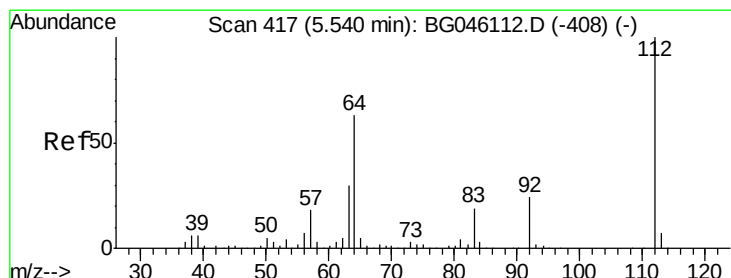
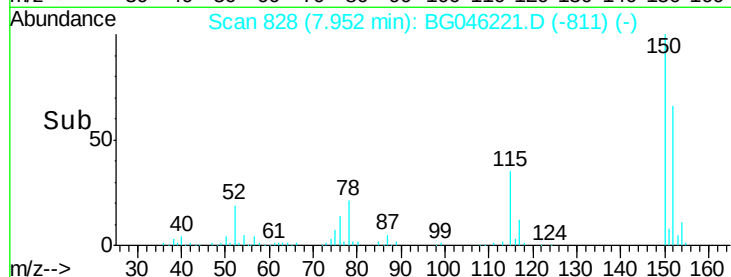
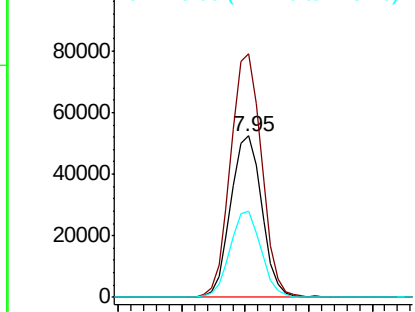
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046221.D
Acq: 11 Aug 2020 17:27

Instrument :
BNA_G
ClientSampleId :
WH-CON-B

Tot Ion:152 Resp: 89249
Ion Ratio Lower Upper
152 100
150 151.0 122.1 183.1
115 53.3 43.2 64.8



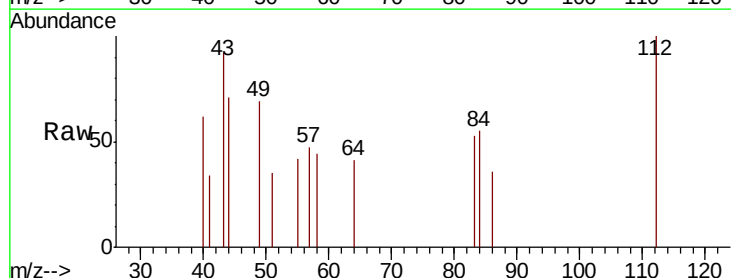
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



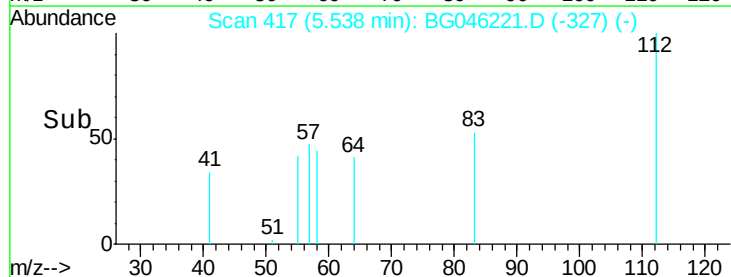
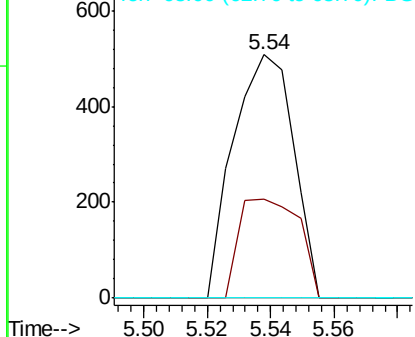
#5

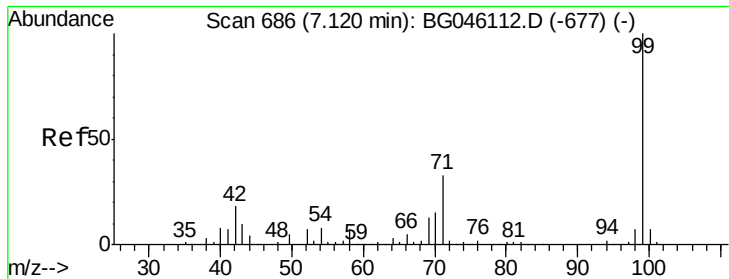
2-Fluorophenol
Concen: 0.130 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046221.D
Acq: 11 Aug 2020 17:27

Tgt Ion:112 Resp: 667
Ion Ratio Lower Upper
112 100
64 40.7 50.2 75.2#
63 0.0 24.2 36.4#



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: 0.724 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046221.D

Acq: 11 Aug 2020 17:27

Instrument :

BNA_G

ClientSampleId :

WH-CON-B

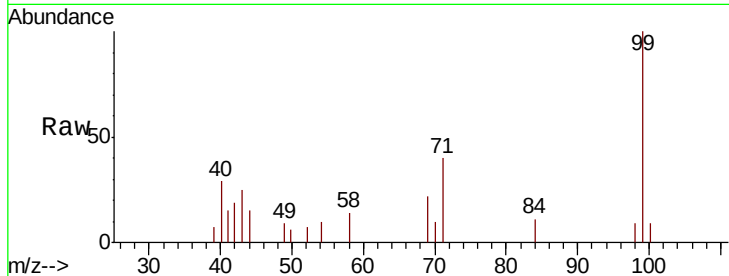
Tot Ion: 99 Resp: 5066

Ion Ratio Lower Upper

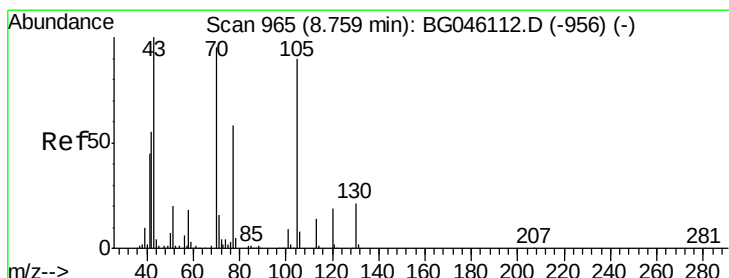
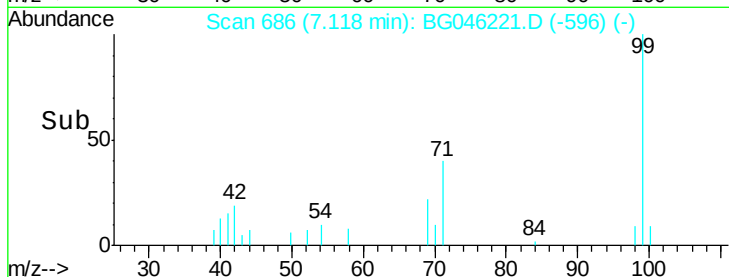
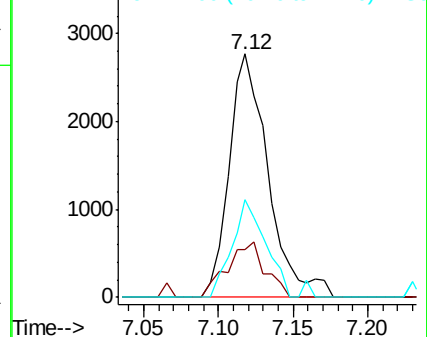
99 100

42 19.4 14.7 22.1

71 40.1 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: 8.365 ng

RT: 9.10 min Scan# 1023

Delta R.T. 0.34 min

Lab File: BG046221.D

Acq: 11 Aug 2020 17:27

Tgt Ion: 70 Resp: 38093

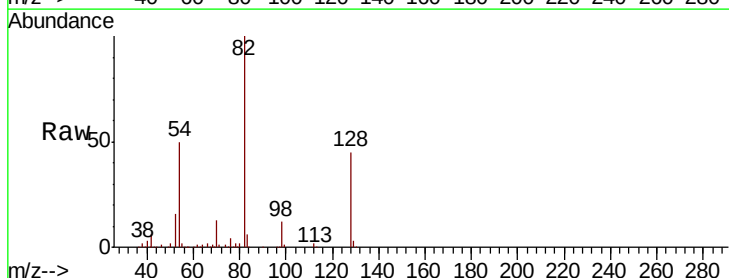
Ion Ratio Lower Upper

70 100

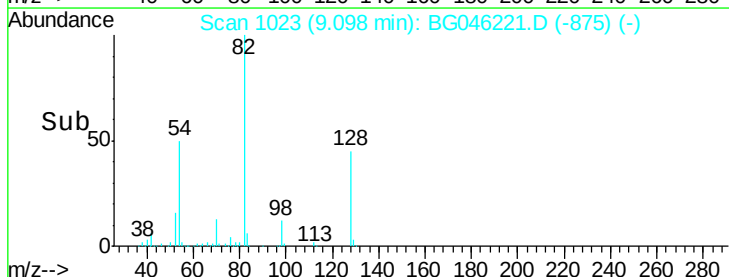
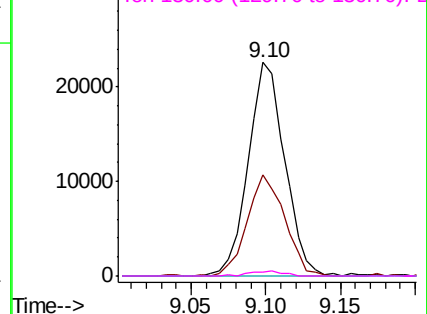
42 47.3 46.5 69.7

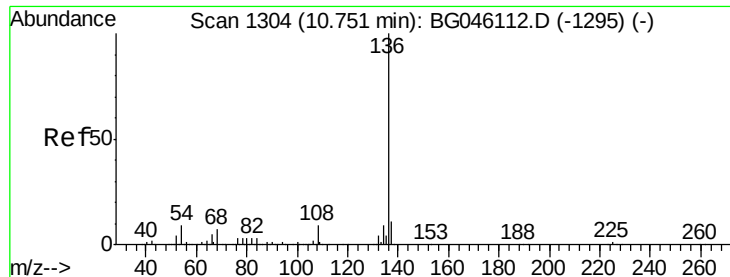
101 0.0 7.6 11.4#

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

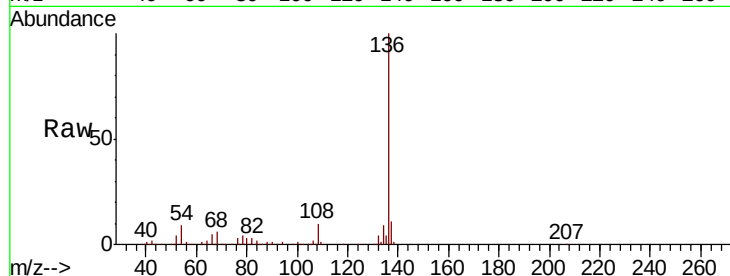




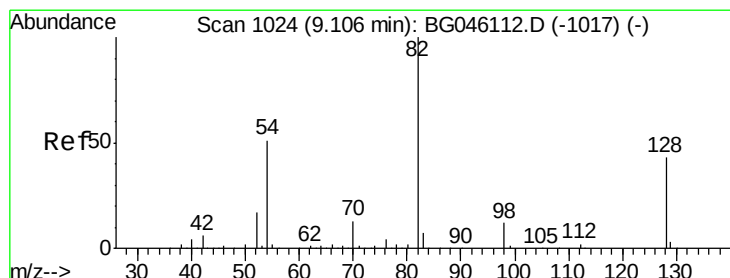
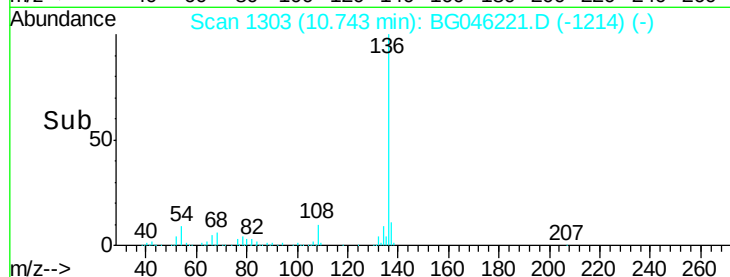
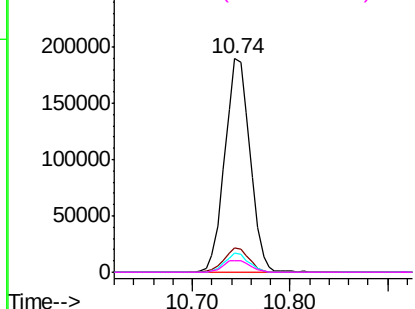
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG046221.D
Acq: 11 Aug 2020 17:27

Instrument :
BNA_G
ClientSampleId :
WH-CON-B

Tot Ion:136	Resp:	340277
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.8	13.2
54 8.9	7.0	10.4
68 5.6	5.3	7.9

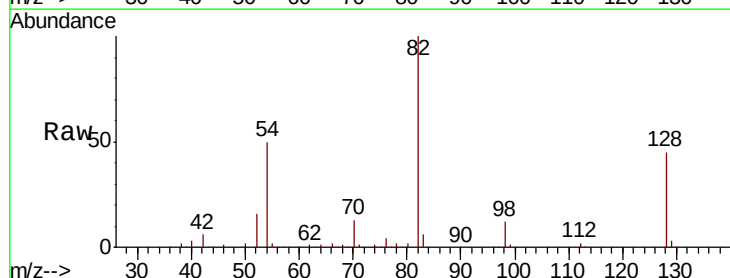


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

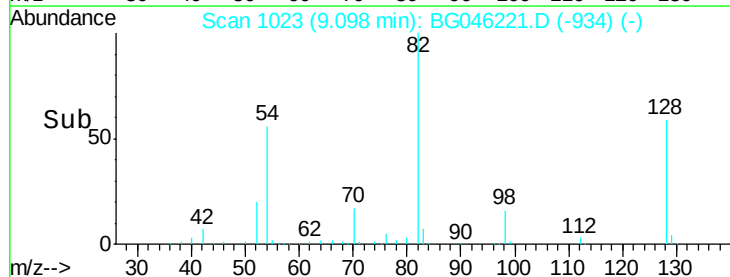
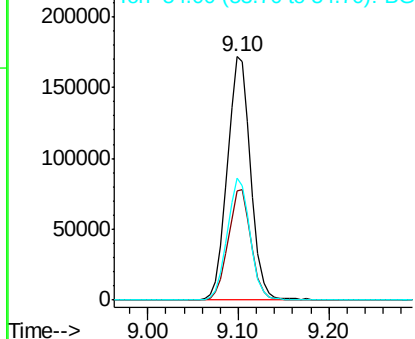


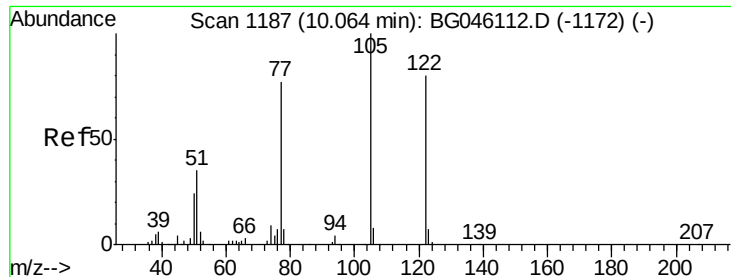
#23
Nitrobenzene-d5
Concen: 48.836 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG046221.D
Acq: 11 Aug 2020 17:27

Tgt	Ion: 82	Resp:	306927
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.4	51.6
54	49.9	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

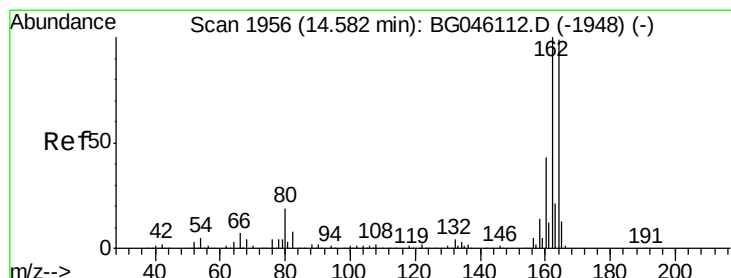
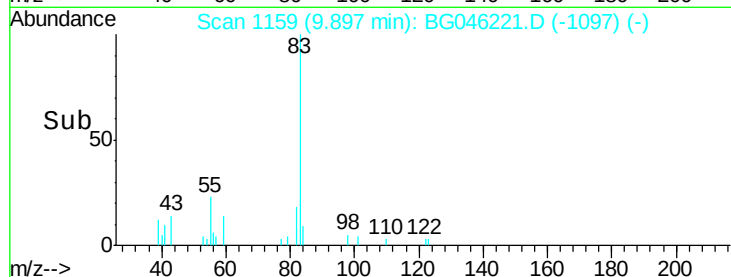
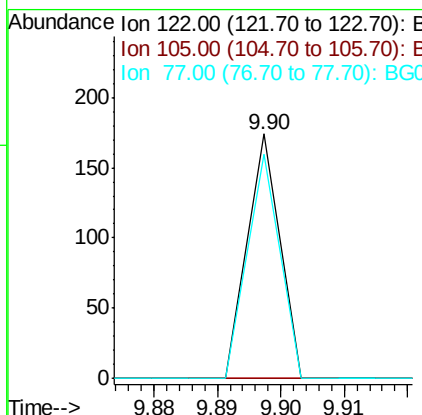
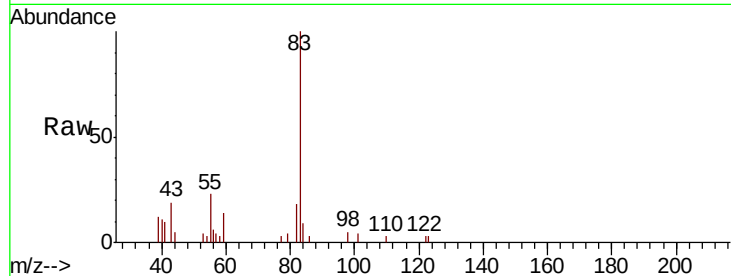




#32
Benzoic acid
Concen: 9.423 ng
RT: 9.90 min Scan# 1159
Delta R.T. -0.17 min
Lab File: BG046221.D
Acq: 11 Aug 2020 17:27

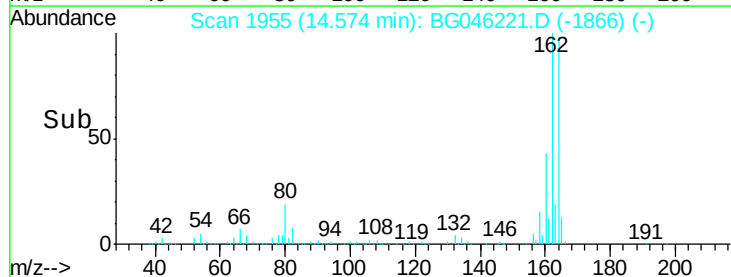
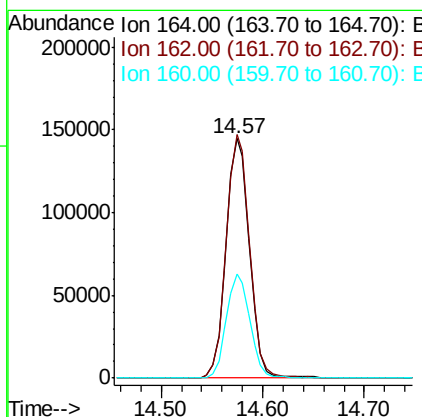
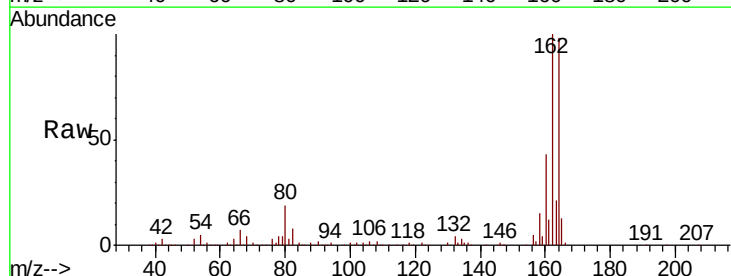
Instrument :
BNA_G
ClientSampleId :
WH-CON-B

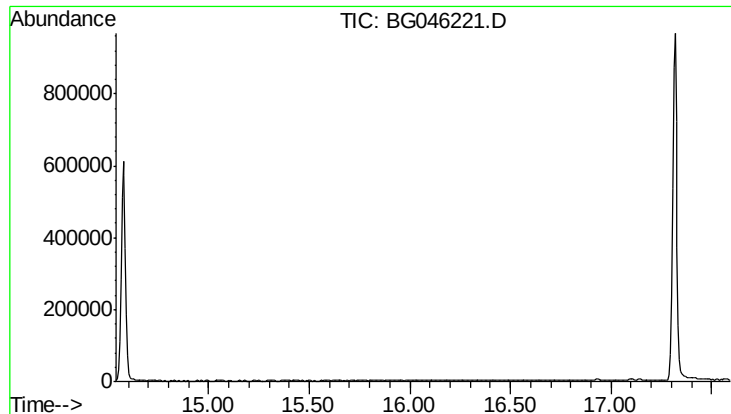
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.0	143.0
77	92.0	75.2	115.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG046221.D
Acq: 11 Aug 2020 17:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.6	121.0
160	43.5	34.9	52.3

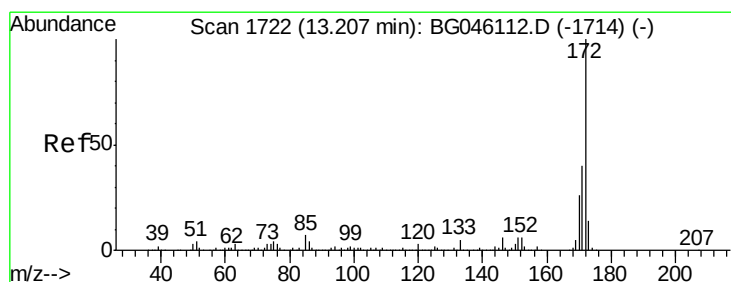
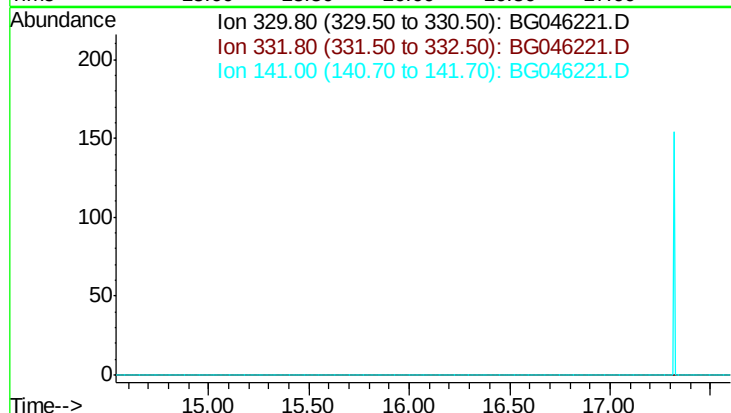




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.07 min
 Lab File: BG046221.D
 Acq: 11 Aug 2020 17:27

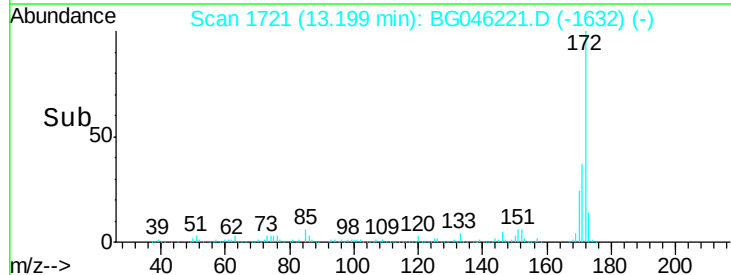
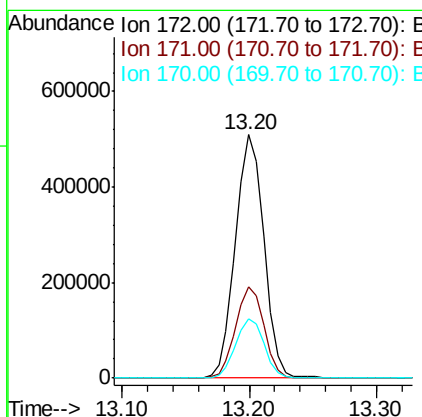
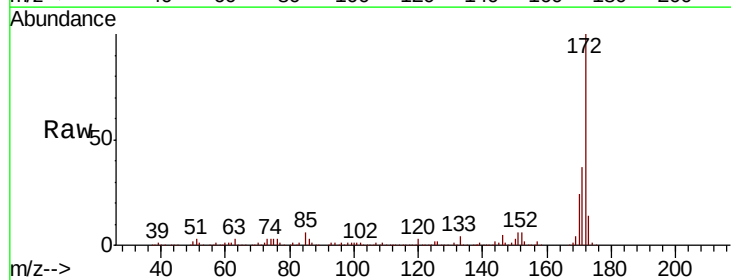
Instrument :
 BNA_G
 ClientSampleId :
 WH-CON-B

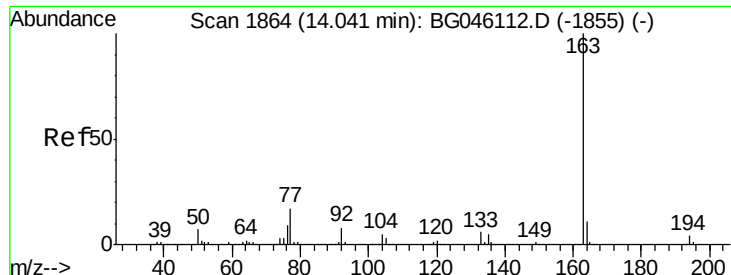
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.8
 141 29.2



#45
 2-Fluorobiphenyl
 Concen: 49.925 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG046221.D
 Acq: 11 Aug 2020 17:27

Tgt Ion: 172 Resp: 796384
 Ion Ratio Lower Upper
 172 100
 171 37.3 31.7 47.5
 170 24.5 20.9 31.3

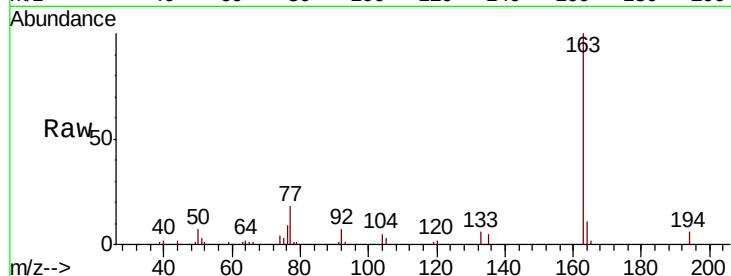




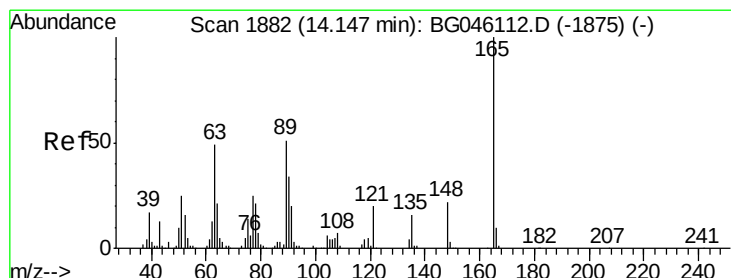
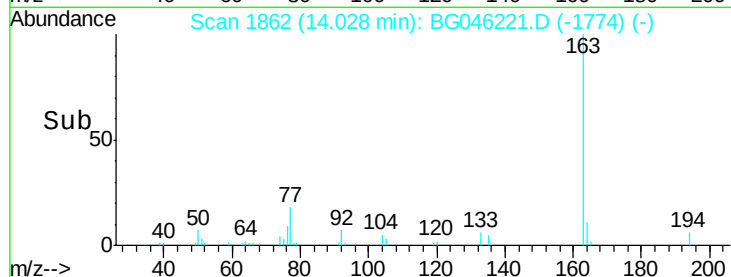
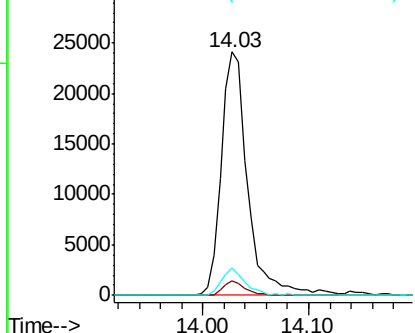
#50
Dimethylphthalate
Concen: 2.361 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG046221.D
Acq: 11 Aug 2020 17:27

Instrument :
BNA_G
ClientSampleId :
WH-CON-B

Tot Ion:163 Resp: 41986
Ion Ratio Lower Upper
163 100
194 6.2 3.5 5.3#
164 11.0 8.8 13.2

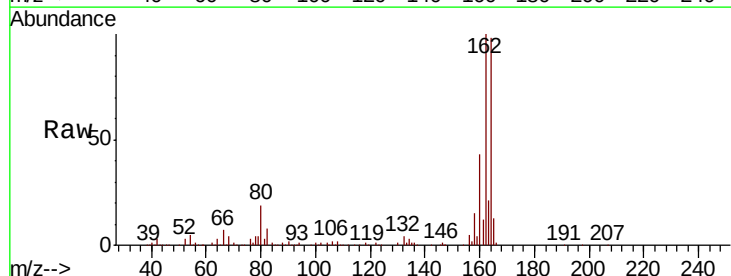


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

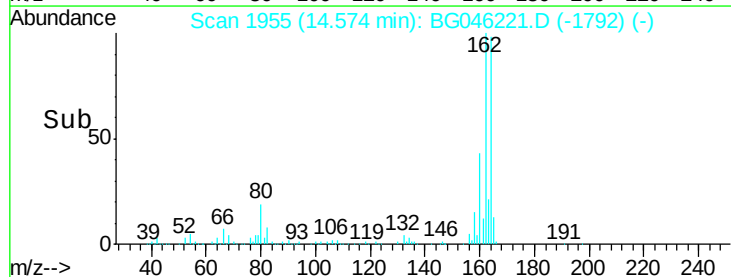
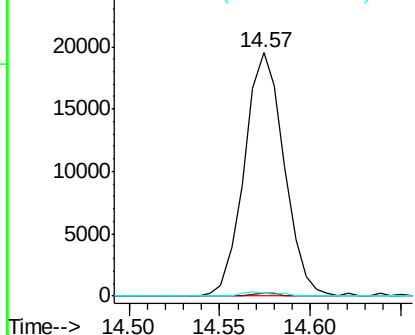


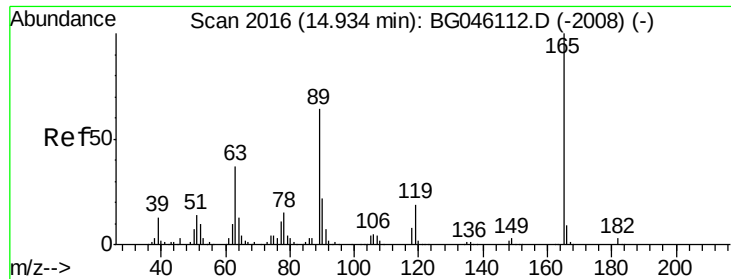
#51
2,6-Dinitrotoluene
Concen: 7.179 ng
RT: 14.57 min Scan# 1955
Delta R.T. 0.43 min
Lab File: BG046221.D
Acq: 11 Aug 2020 17:27

Tgt Ion:165 Resp: 29715
Ion Ratio Lower Upper
165 100
63 1.1 39.7 59.5#
89 1.3 41.0 61.6#



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

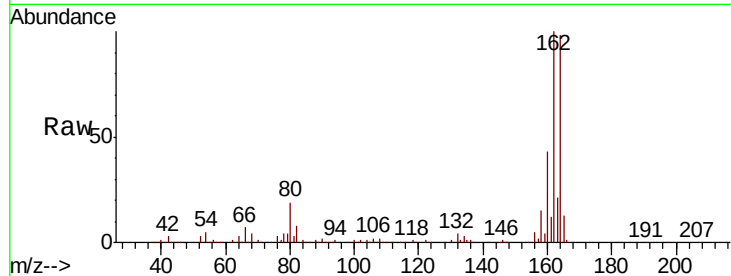




#57
 2,4-Dinitrotoluene
 Concen: 5.222 ng
 RT: 14.57 min Scan# 1955
 Delta R.T. -0.36 min
 Lab File: BG046221.D
 Acq: 11 Aug 2020 17:27

Instrument :
 BNA_G
 ClientSampleId :
 WH-CON-B

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	30.1	45.1#
89	1.3	51.4	77.2#
182	0.0	2.3	3.5#



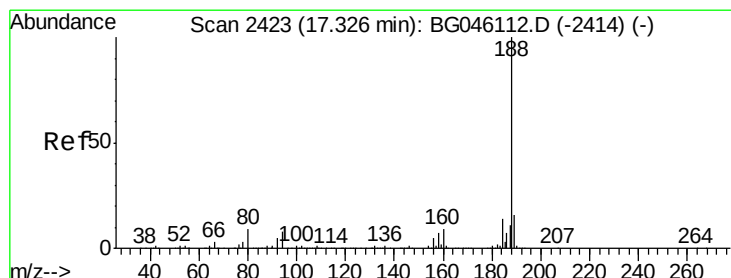
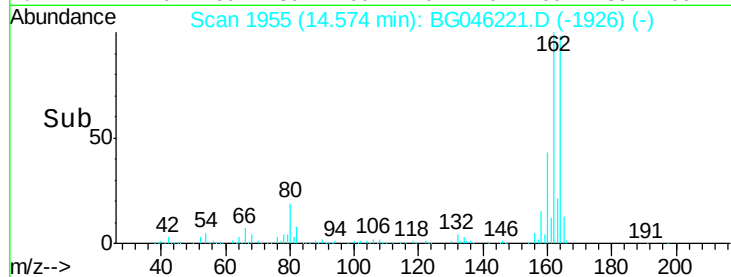
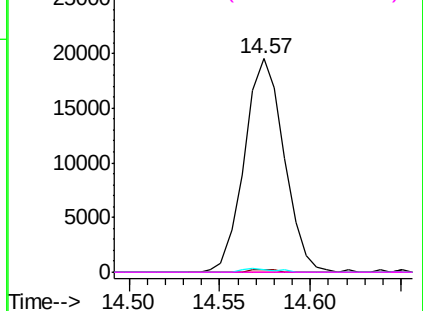
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

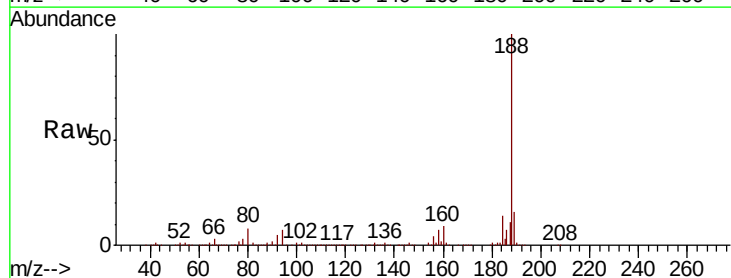
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.32 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG046221.D
 Acq: 11 Aug 2020 17:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.4	9.6
80	8.5	7.4	11.0

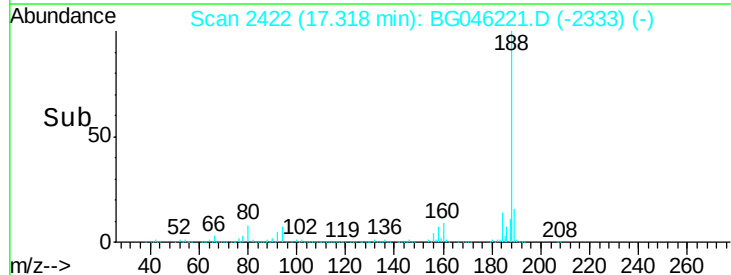
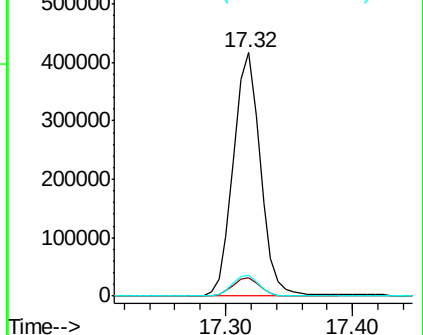


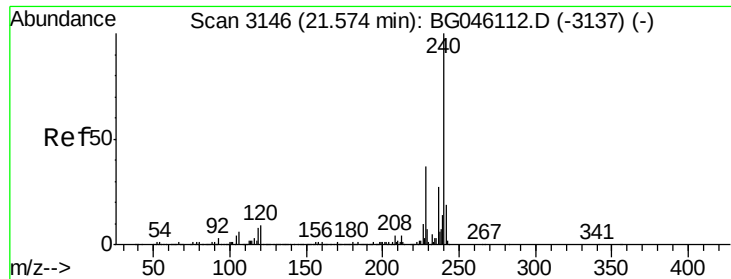
Abundance

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

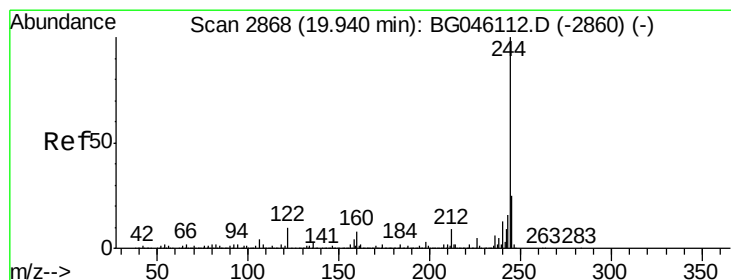
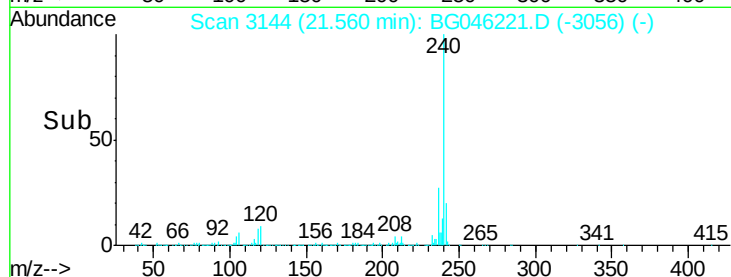
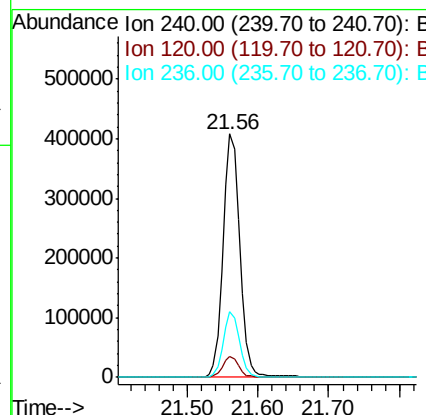
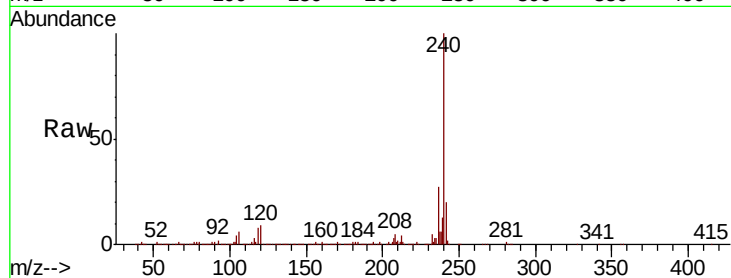




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG046221.D
Acq: 11 Aug 2020 17:27

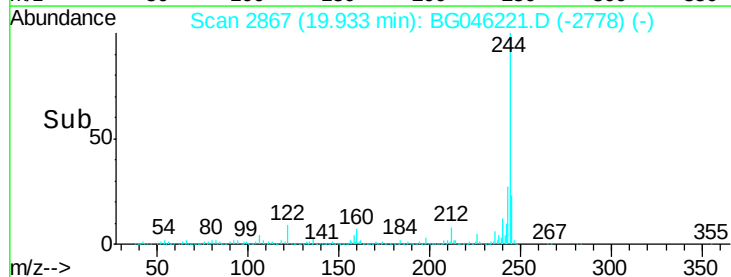
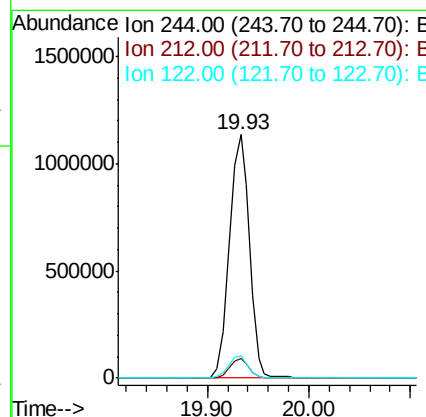
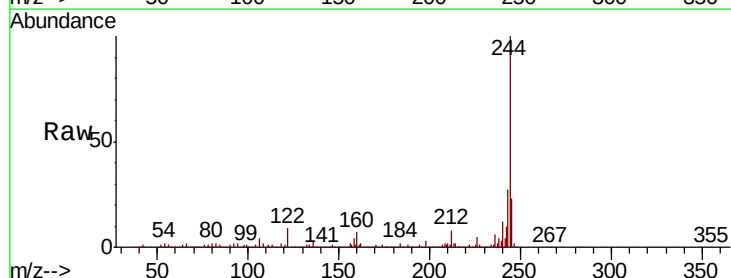
Instrument :
BNA_G
ClientSampleId :
WH-CON-B

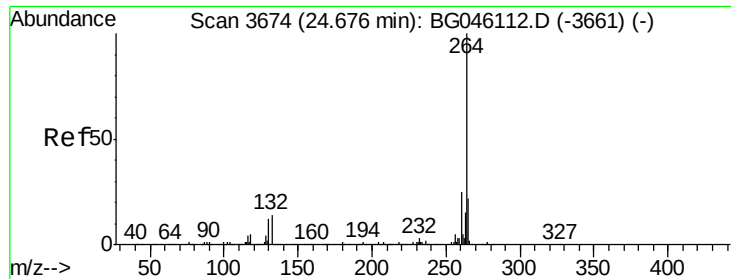
Tot Ion:240 Resp: 676984
Ion Ratio Lower Upper
240 100
120 8.7 7.1 10.7
236 27.2 21.7 32.5



#79
Terphenyl-d14
Concen: 46.742 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BG046221.D
Acq: 11 Aug 2020 17:27

Tgt Ion:244 Resp: 1553732
Ion Ratio Lower Upper
244 100
212 8.2 7.2 10.8
122 9.3 8.3 12.5





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.01 min
Lab File: BG046221.D
Acq: 11 Aug 2020 17:27

Instrument :
BNA_G
ClientSampleId :
WH-CON-B

Tot Ion:	264	Resp:	704644
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	21.9	17.6	26.4

