

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
 Data File : BG045406.D
 Acq On : 15 May 2020 21:15
 Operator : CG/JU
 Sample : L2665-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0373-FIELD-BLANK

Quant Time: May 16 00:25:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 15:45:48 2020
 Response via : Initial Calibration

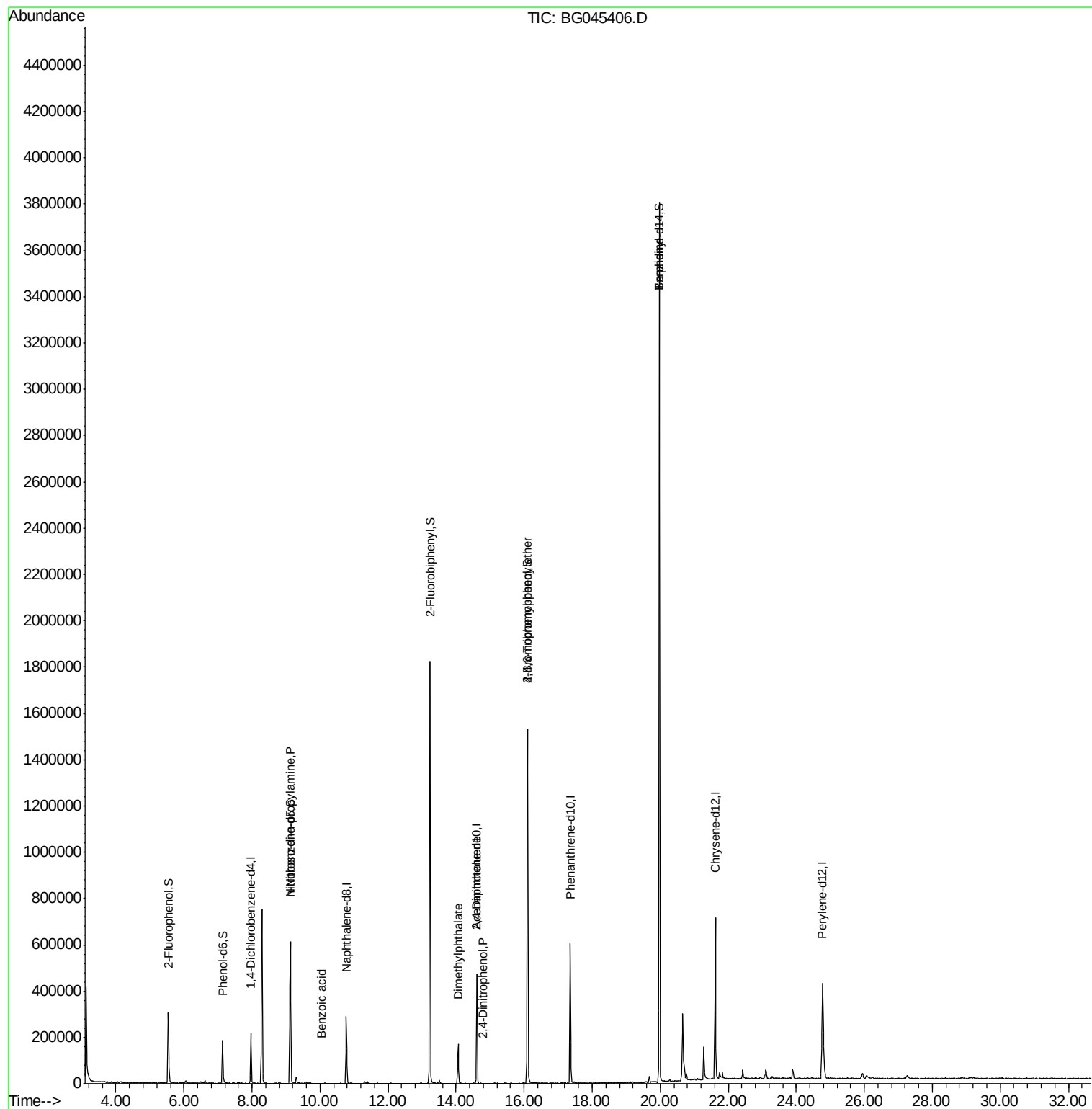
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	67623	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	264945	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	180316	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	418493	20.00	ng	0.00
76) Chrysene-d12	21.62	240	439454	20.00	ng	0.00
87) Perylene-d12	24.78	264	478074	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	162175	46.87	ng	0.00
7) Phenol-d6	7.13	99	132270	26.86	ng	0.00
23) Nitrobenzene-d5	9.13	82	427222	87.93	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	319291	138.46	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1005913	94.62	ng	0.00
79) Terphenyl-d14	19.98	244	1862846	98.87	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.13	70	59015	17.329	ng	# 77
32) Benzoic acid	10.04	122	59	10.043	ng	# 1
50) Dimethylphthalate	14.06	163	122861	9.933	ng	98
54) 2,4-Dinitrophenol	14.78	184	61	5.490	ng	# 17
57) 2,4-Dinitrotoluene	14.61	165	22271	5.509	ng	# 24
67) 4-Bromophenyl-phenylether	16.10	248	21696	4.788	ng	# 1
77) Benzidine	19.98	184	37184	3.013	ng	# 90

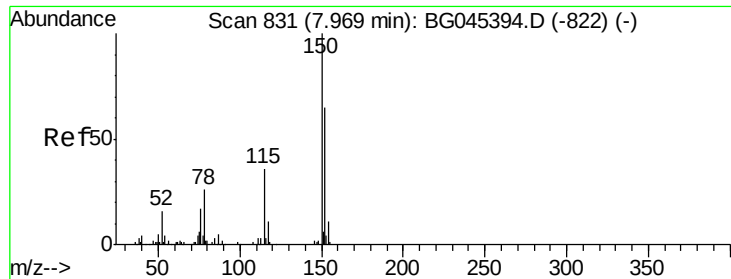
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
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Misc :
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BNA_G
ClientSampleId :
0373-FIELD-BLANK

Quant Time: May 16 00:25:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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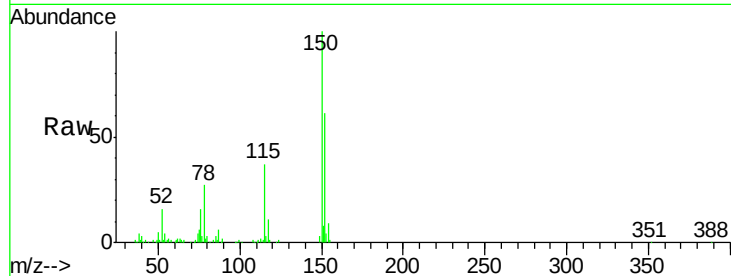


#1

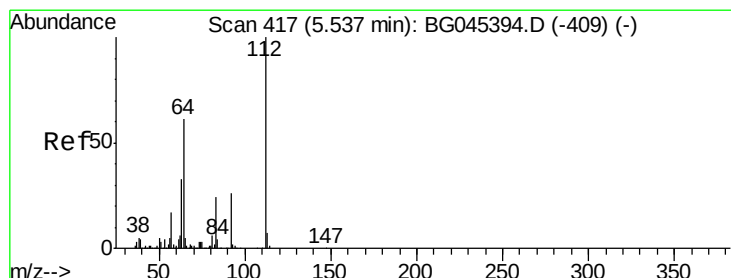
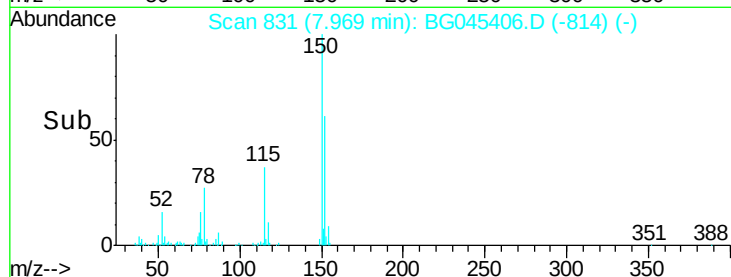
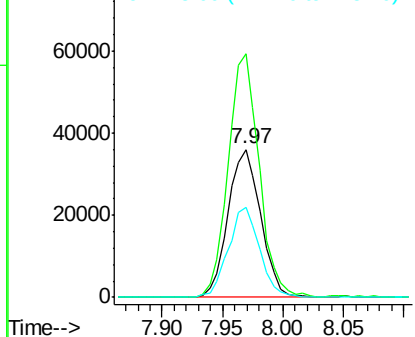
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG045406.D
Acq: 15 May 2020 21:15

Instrument :
BNA_G
ClientSampleId :
0373-FIELD-BLANK

Tot Ion:152 Resp: 67623
Ion Ratio Lower Upper
152 100
150 165.0 122.4 183.6
115 60.9 44.2 66.4



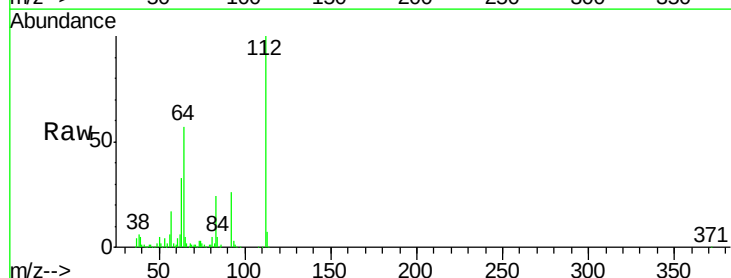
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



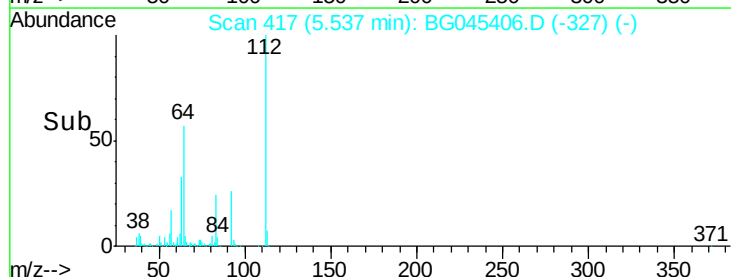
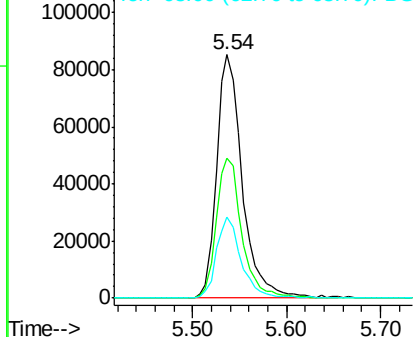
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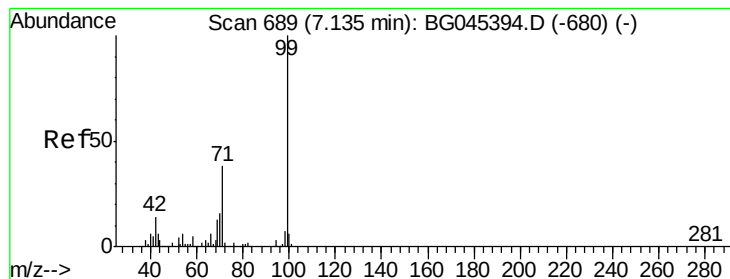
2-Fluorophenol
Concen: 46.868 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG045406.D
Acq: 15 May 2020 21:15

Tgt Ion:112 Resp: 162175
Ion Ratio Lower Upper
112 100
64 57.3 48.6 72.8
63 33.1 26.5 39.7



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: 26.857 ng

RT: 7.13 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG045406.D

Acq: 15 May 2020 21:15

Instrument :

BNA_G

ClientSampleId :

0373-FIELD-BLANK

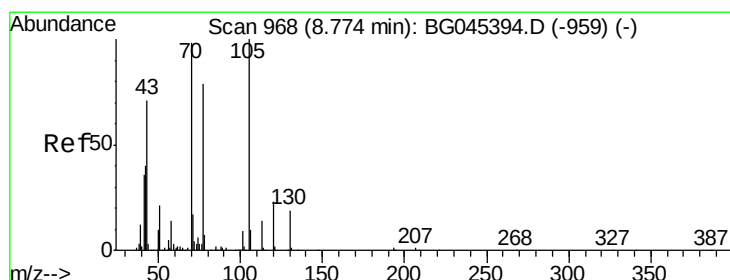
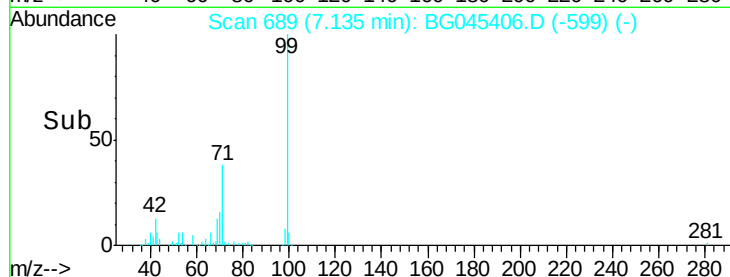
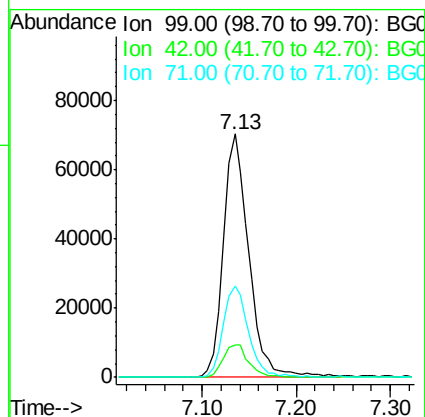
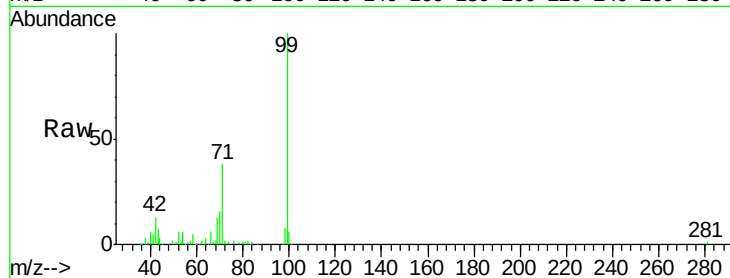
Tot Ion: 99 Resp: 132270

Ion Ratio Lower Upper

99 100

42 13.2 11.3 16.9

71 37.6 30.8 46.2



#19

n-Nitroso-di-n-propylamine

Concen: 17.329 ng

RT: 9.13 min Scan# 1028

Delta R.T. 0.35 min

Lab File: BG045406.D

Acq: 15 May 2020 21:15

Tgt Ion: 70 Resp: 59015

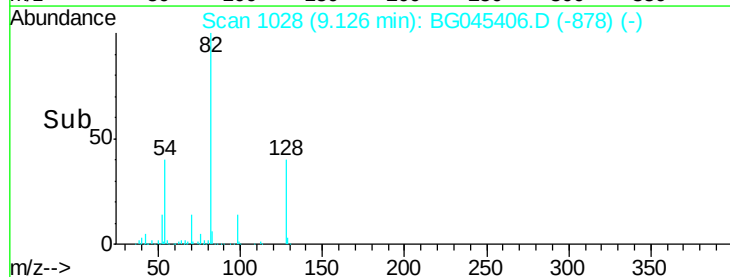
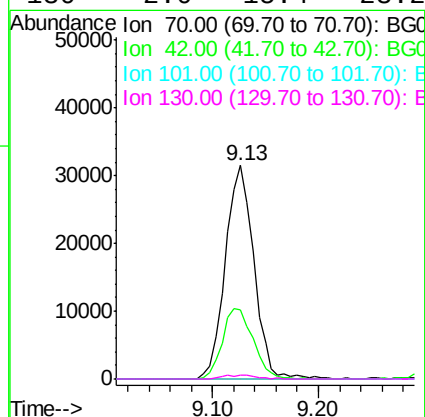
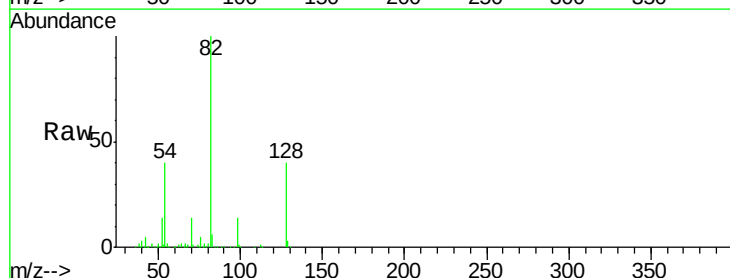
Ion Ratio Lower Upper

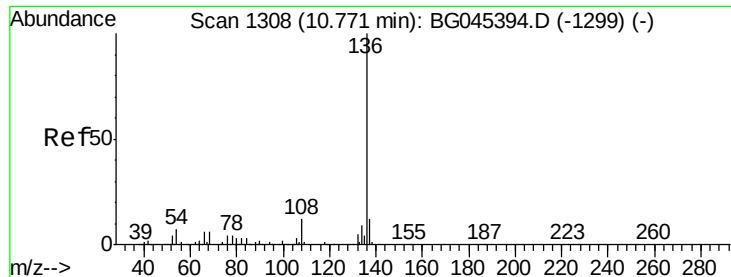
70 100

42 32.4 33.2 49.8#

101 0.0 7.8 11.6#

130 2.0 15.4 23.2#

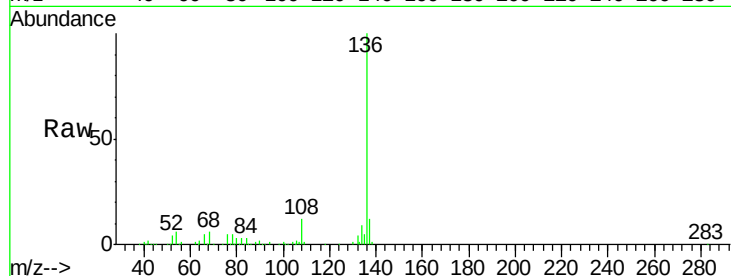




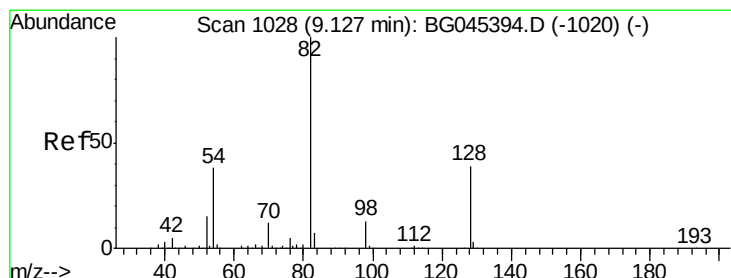
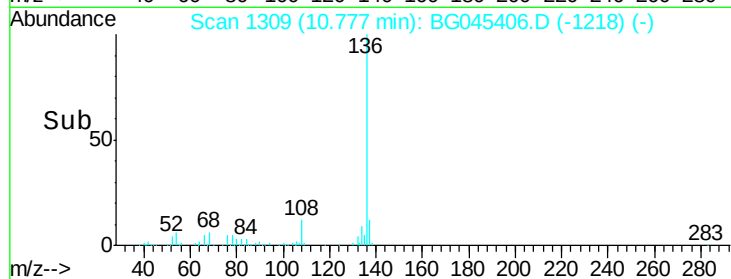
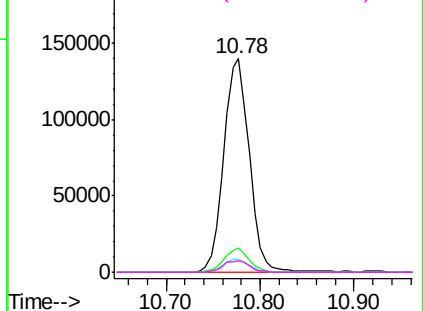
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BG045406.D
Acq: 15 May 2020 21:15

Instrument :
BNA_G
ClientSampleId :
0373-FIELD-BLANK

Tot Ion:136	Resp:	264945	
Ion Ratio	Lower	Upper	
136 100			
137 11.6	9.4	14.2	
54 5.8	5.8	8.6	
68 5.5	4.5	6.7	

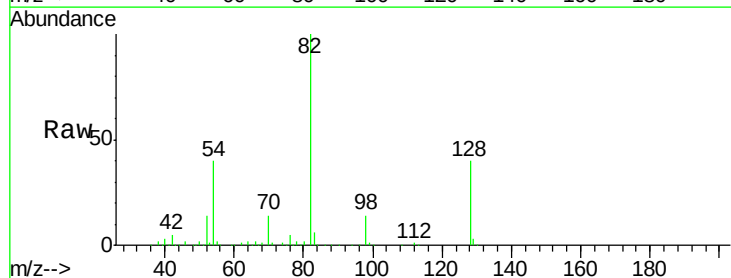


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

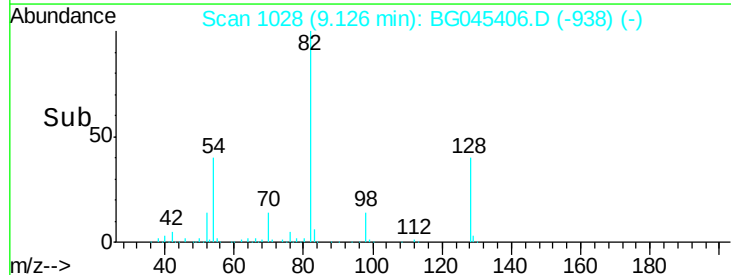
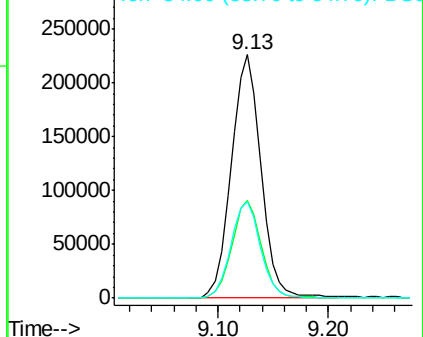


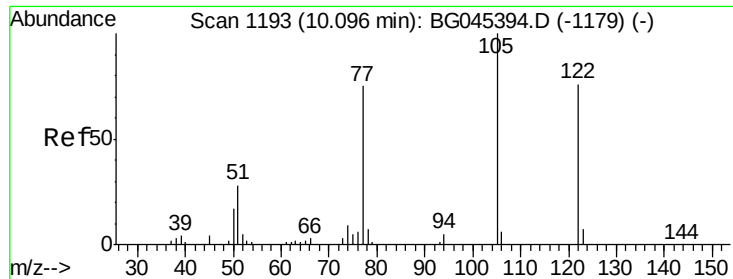
#23
Nitrobenzene-d5
Concen: 87.932 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG045406.D
Acq: 15 May 2020 21:15

Tgt	Ion: 82	Resp:	427222
Ion	Ratio	Lower	Upper
82	100		
128	40.0	30.9	46.3
54	39.5	30.3	45.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#32

Benzoic acid

Concen: 10.043 ng

RT: 10.04 min Scan# 1184

Delta R.T. -0.05 min

Lab File: BG045406.D

Acq: 15 May 2020 21:15

Instrument :

BNA_G

ClientSampleId :

0373-FIELD-BLANK

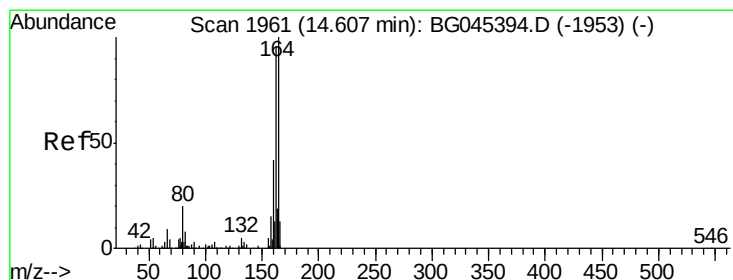
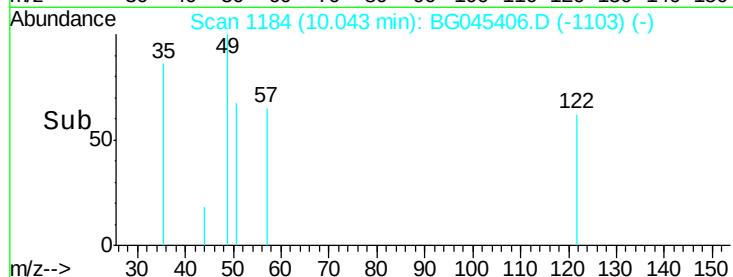
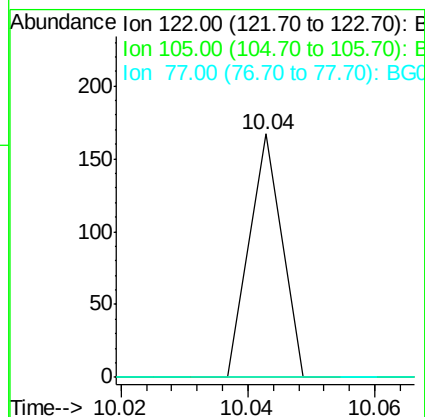
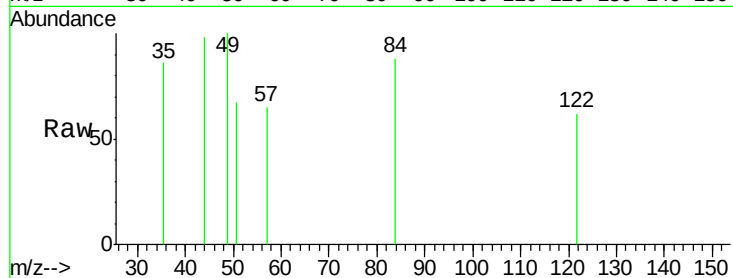
Tot Ion:122 Resp: 59

Ion Ratio Lower Upper

122 100

105 0.0 107.9 147.9#

77 0.0 78.9 118.9#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BG045406.D

Acq: 15 May 2020 21:15

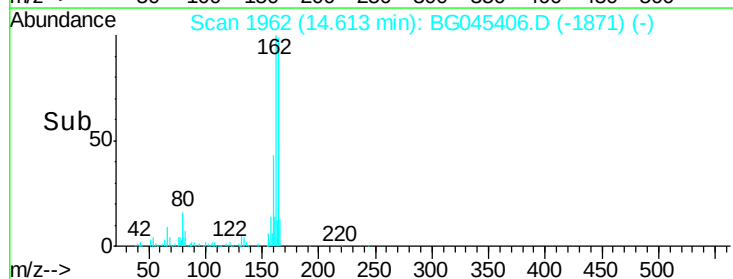
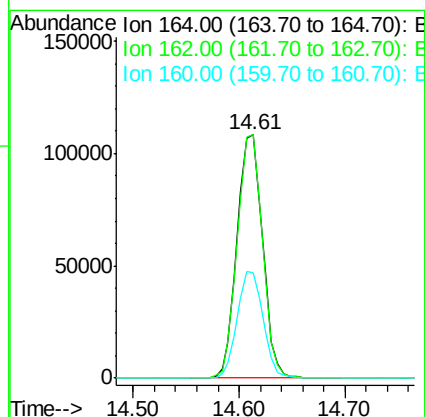
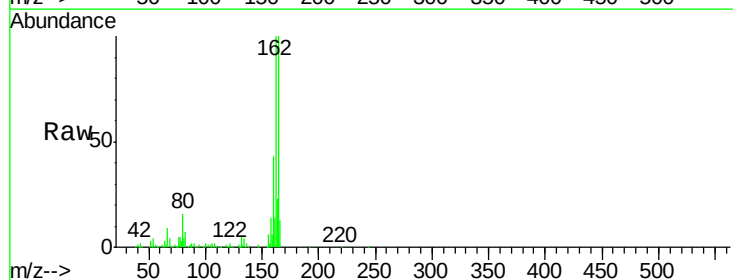
Tgt Ion:164 Resp: 180316

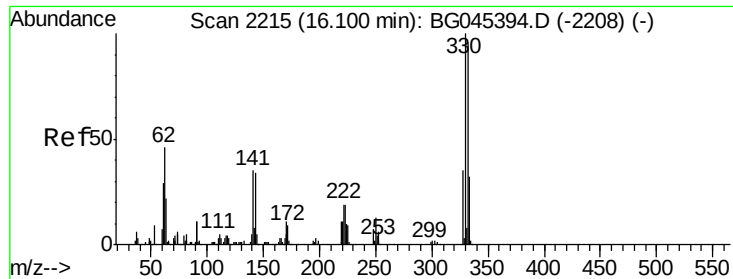
Ion Ratio Lower Upper

164 100

162 100.1 76.9 115.3

160 43.3 33.8 50.8

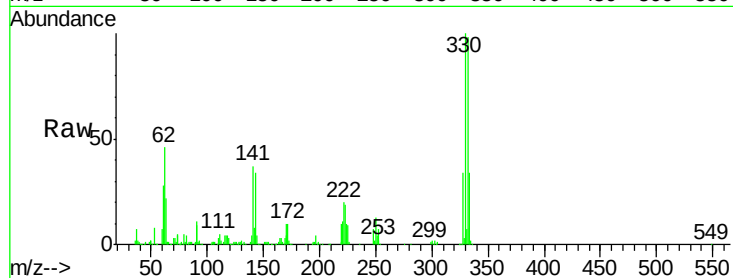




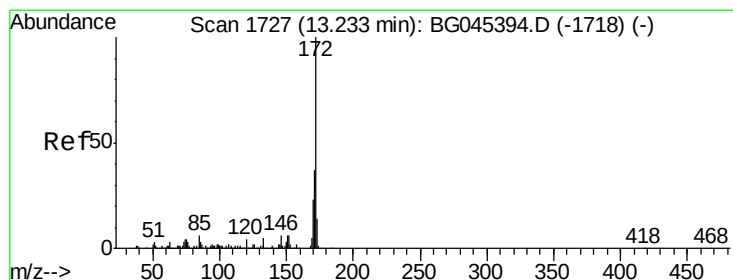
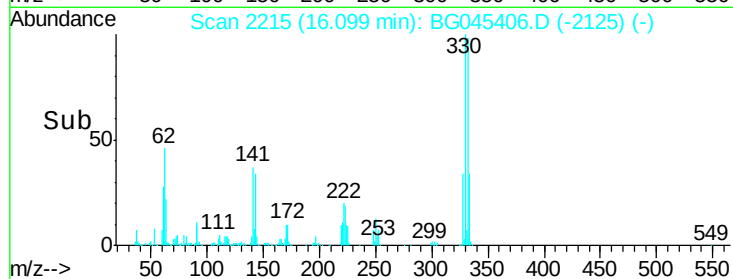
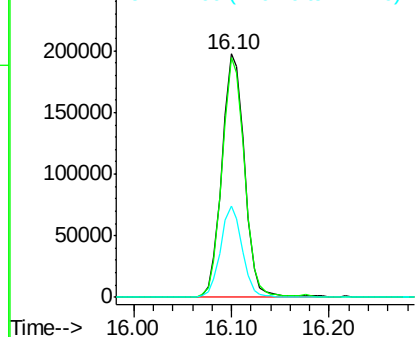
#42
 2,4,6-Tribromophenol
 Concen: 138.459 ng
 RT: 16.10 min Scan# 2215
 Delta R.T. -0.00 min
 Lab File: BG045406.D
 Acq: 15 May 2020 21:15

Instrument :
 BNA_G
 ClientSampleId :
 0373-FIELD-BLANK

Tot Ion:330 Resp: 319291
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.2 117.4
 141 35.5 28.2 42.4

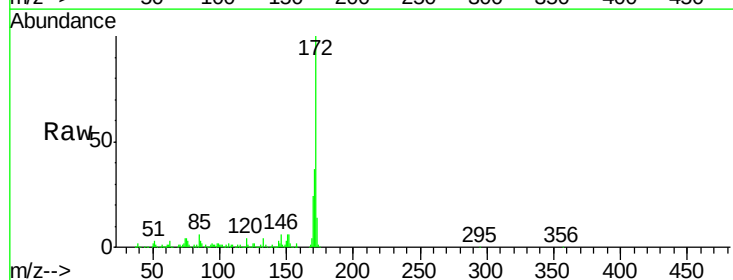


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

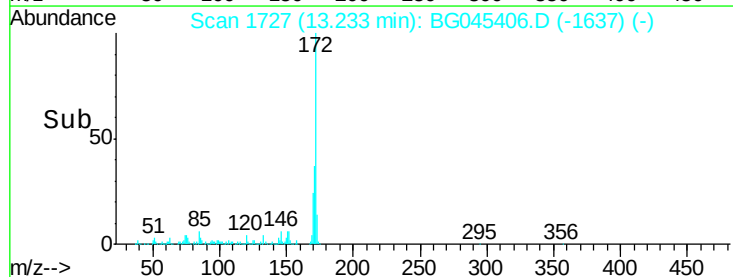
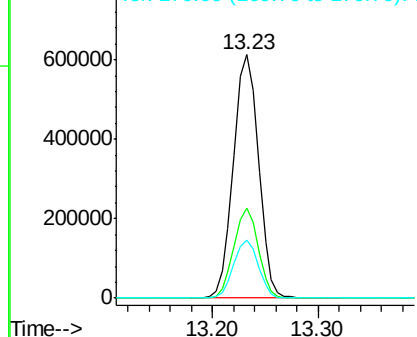


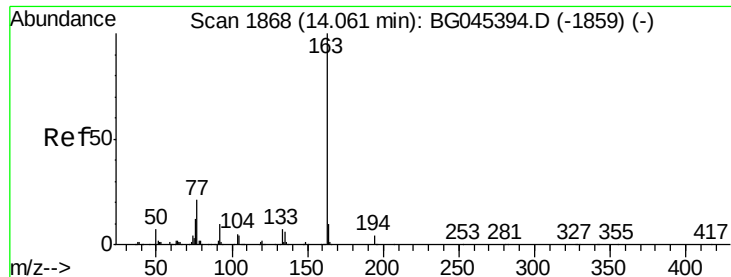
#45
 2-Fluorobiphenyl
 Concen: 94.625 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BG045406.D
 Acq: 15 May 2020 21:15

Tgt Ion:172 Resp: 1005913
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.5 44.3
 170 23.8 18.5 27.7



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: 9.933 ng

RT: 14.06 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BG045406.D

Acq: 15 May 2020 21:15

Instrument :

BNA_G

ClientSampleId :

0373-FIELD-BLANK

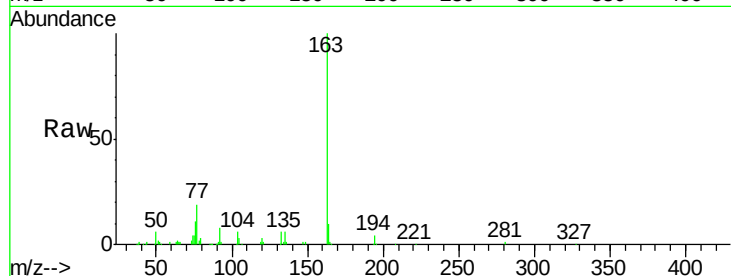
Tot Ion:163 Resp: 122861

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

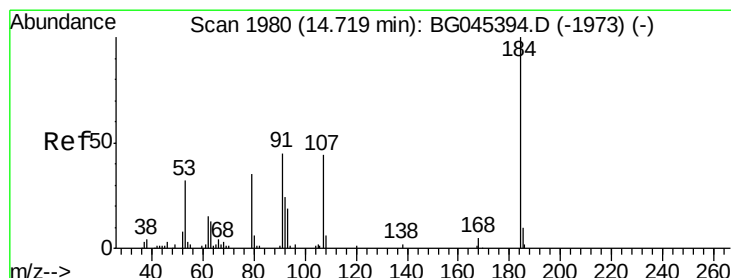
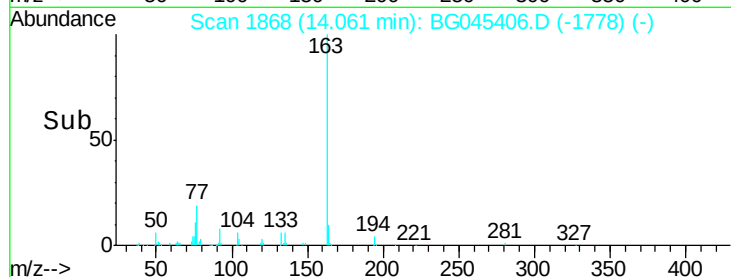
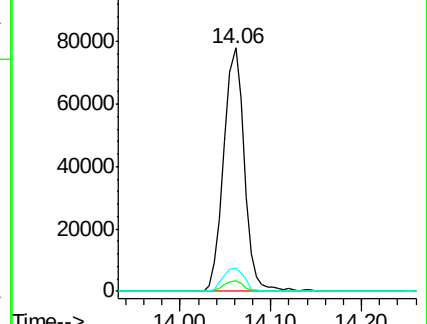
164 9.5 8.3 12.5



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



#54

2,4-Dinitrophenol

Concen: 5.490 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.06 min

Lab File: BG045406.D

Acq: 15 May 2020 21:15

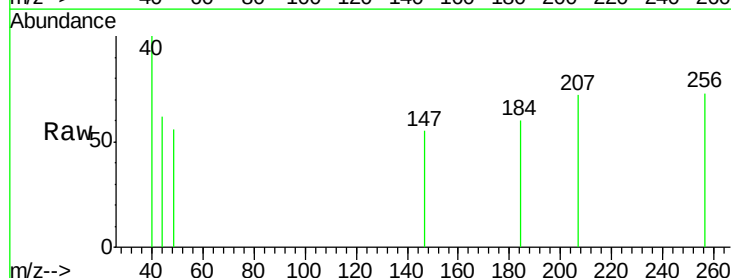
Tgt Ion:184 Resp: 61

Ion Ratio Lower Upper

184 100

63 0.0 47.8 71.6#

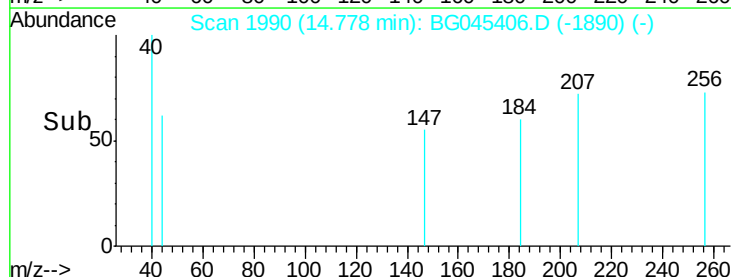
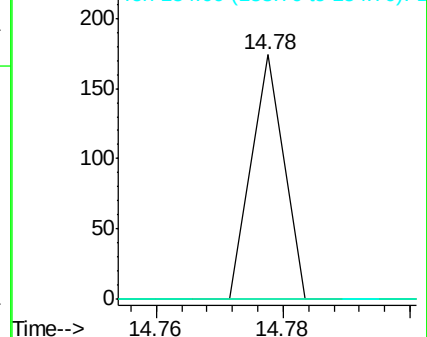
154 0.0 58.3 87.5#

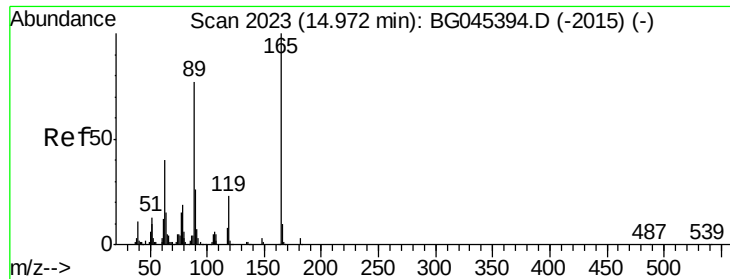


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

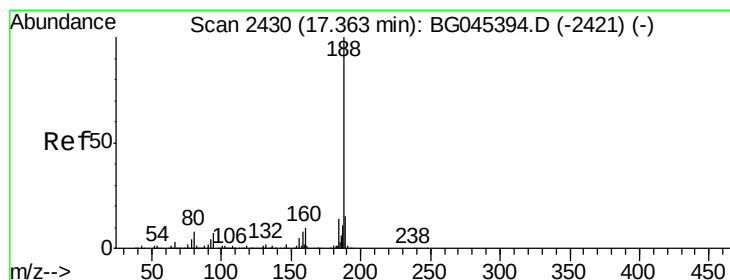
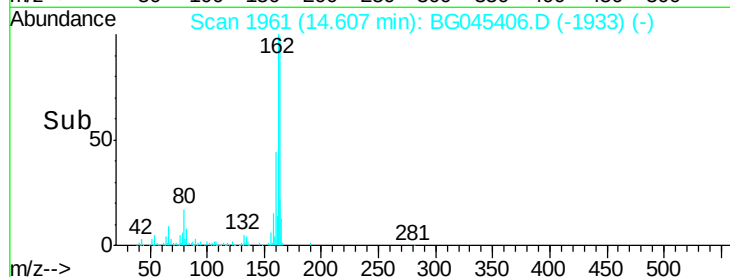
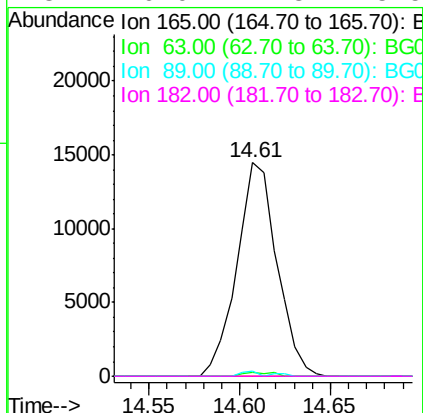
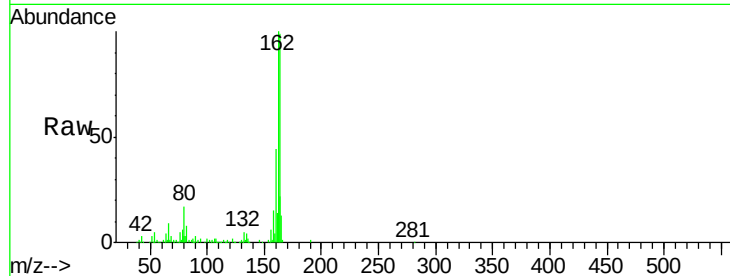




#57
2,4-Dinitrotoluene
Concen: 5.509 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.36 min
Lab File: BG045406.D
Acq: 15 May 2020 21:15

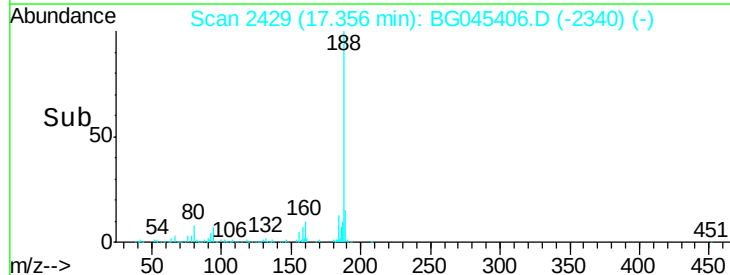
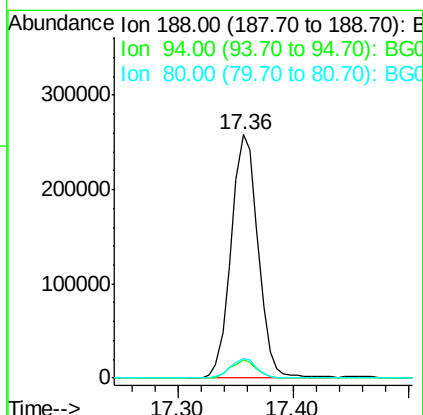
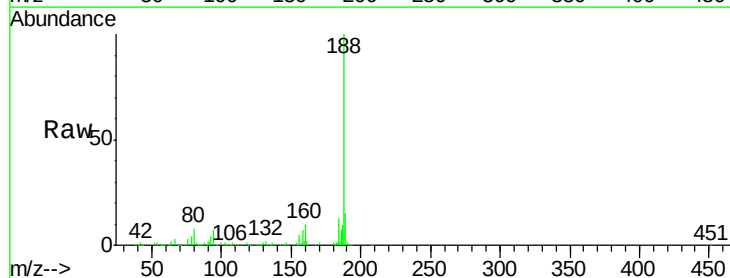
Instrument :
BNA_G
ClientSampleId :
0373-FIELD-BLANK

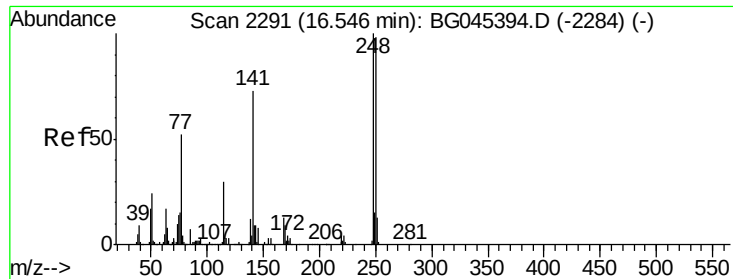
Tot Ion:165 Resp: 22271
Ion Ratio Lower Upper
165 100
63 2.0 32.5 48.7#
89 2.5 61.8 92.6#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG045406.D
Acq: 15 May 2020 21:15

Tgt Ion:188 Resp: 418493
Ion Ratio Lower Upper
188 100
94 7.4 5.5 8.3
80 8.1 6.6 10.0

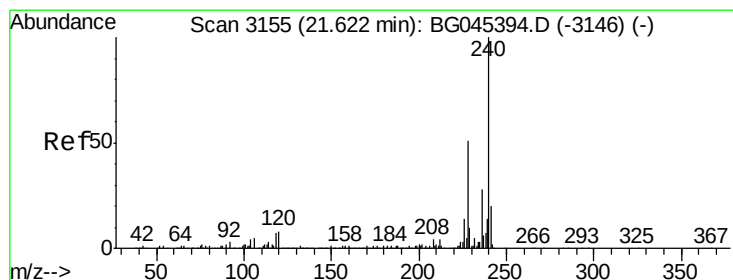
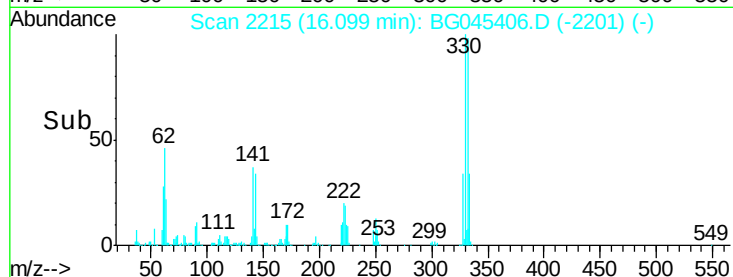
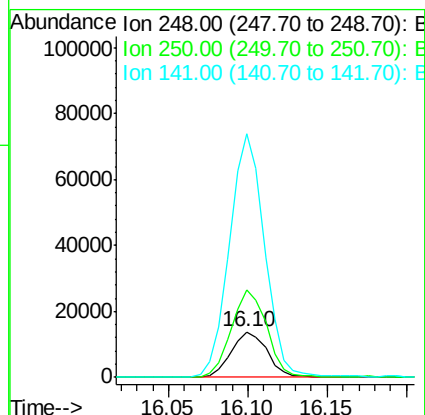
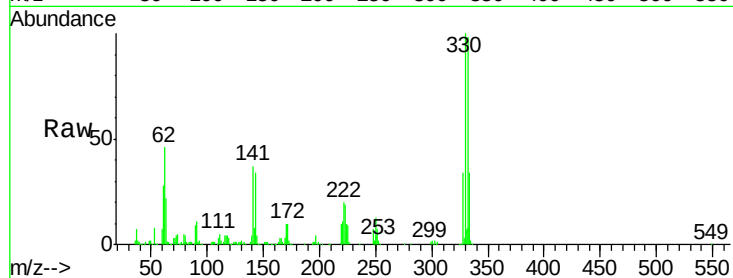




#67
4-Bromophenyl-phenylether
Concen: 4.788 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.45 min
Lab File: BG045406.D
Acq: 15 May 2020 21:15

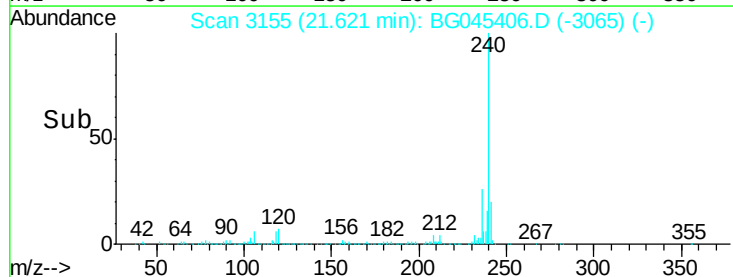
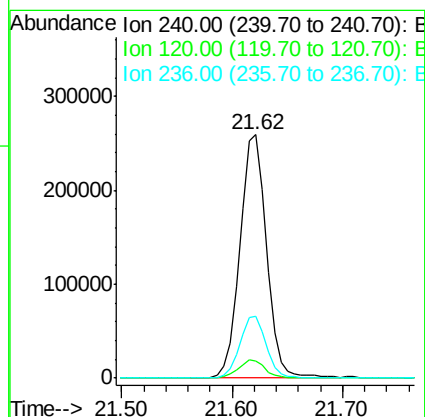
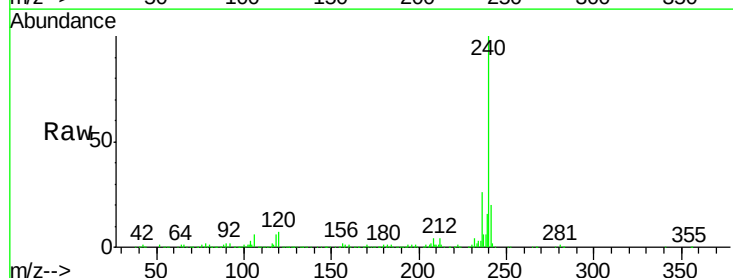
Instrument :
BNA_G
ClientSampleId :
0373-FIELD-BLANK

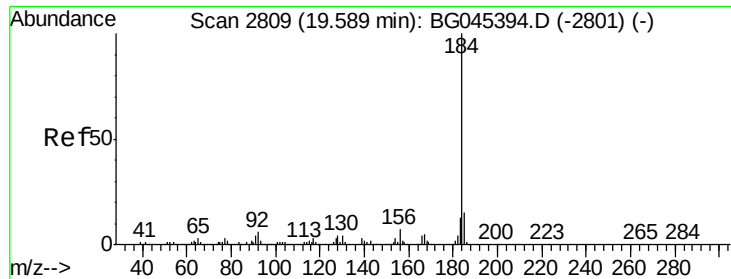
Tot Ion:248 Resp: 21696
Ion Ratio Lower Upper
248 100
250 192.5 78.6 117.8#
141 537.3 58.2 87.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG045406.D
Acq: 15 May 2020 21:15

Tgt Ion:240 Resp: 439454
Ion Ratio Lower Upper
240 100
120 6.9 6.1 9.1
236 25.6 22.3 33.5





#77

Benzidine

Concen: 3.013 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.39 min

Lab File: BG045406.D

Acq: 15 May 2020 21:15

Instrument :

BNA_G

ClientSampleId :

0373-FIELD-BLANK

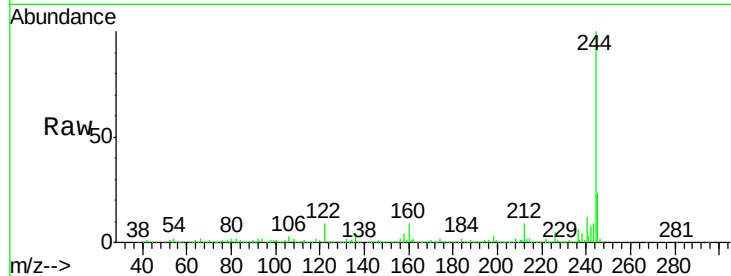
Tot Ion:184 Resp: 37184

Ion Ratio Lower Upper

184 100

185 16.6 11.7 17.5

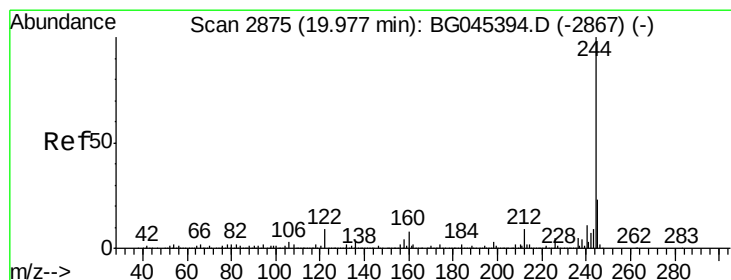
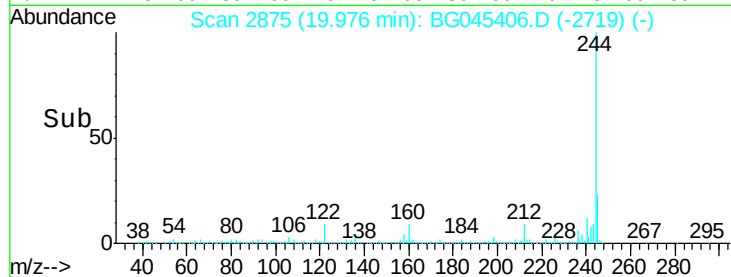
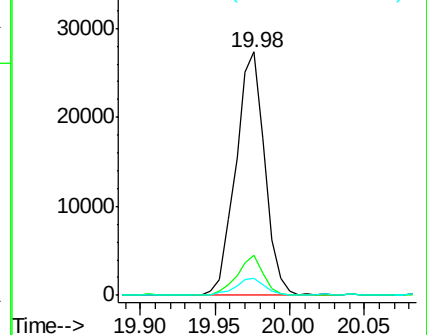
183 6.9 10.2 15.4#



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: 98.866 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG045406.D

Acq: 15 May 2020 21:15

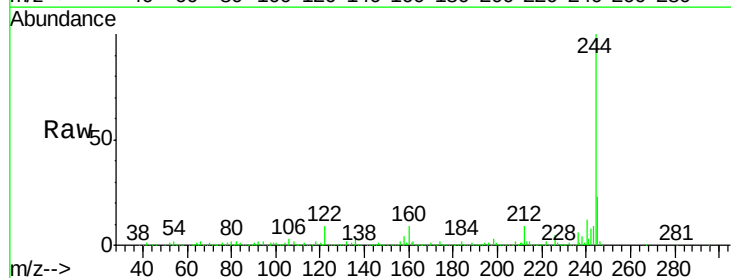
Tgt Ion:244 Resp: 1862846

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.0

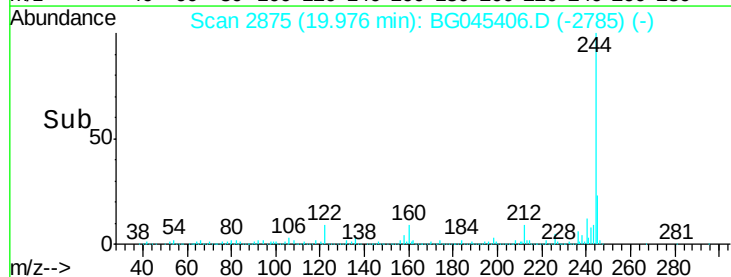
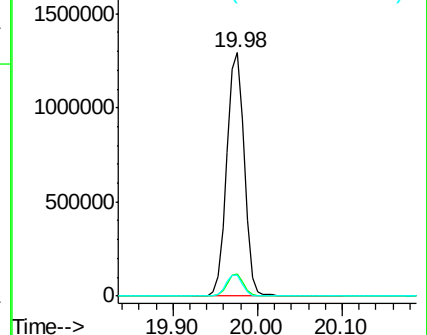
122 8.7 6.8 10.2

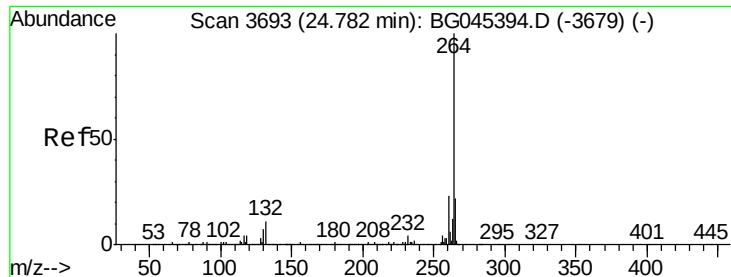


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.78 min Scan# 3692
 Delta R.T. -0.01 min
 Lab File: BG045406.D
 Acq: 15 May 2020 21:15

Instrument :
 BNA_G
 ClientSampleId :
 0373-FIELD-BLANK

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	21.7	17.6	26.4

