

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 :

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

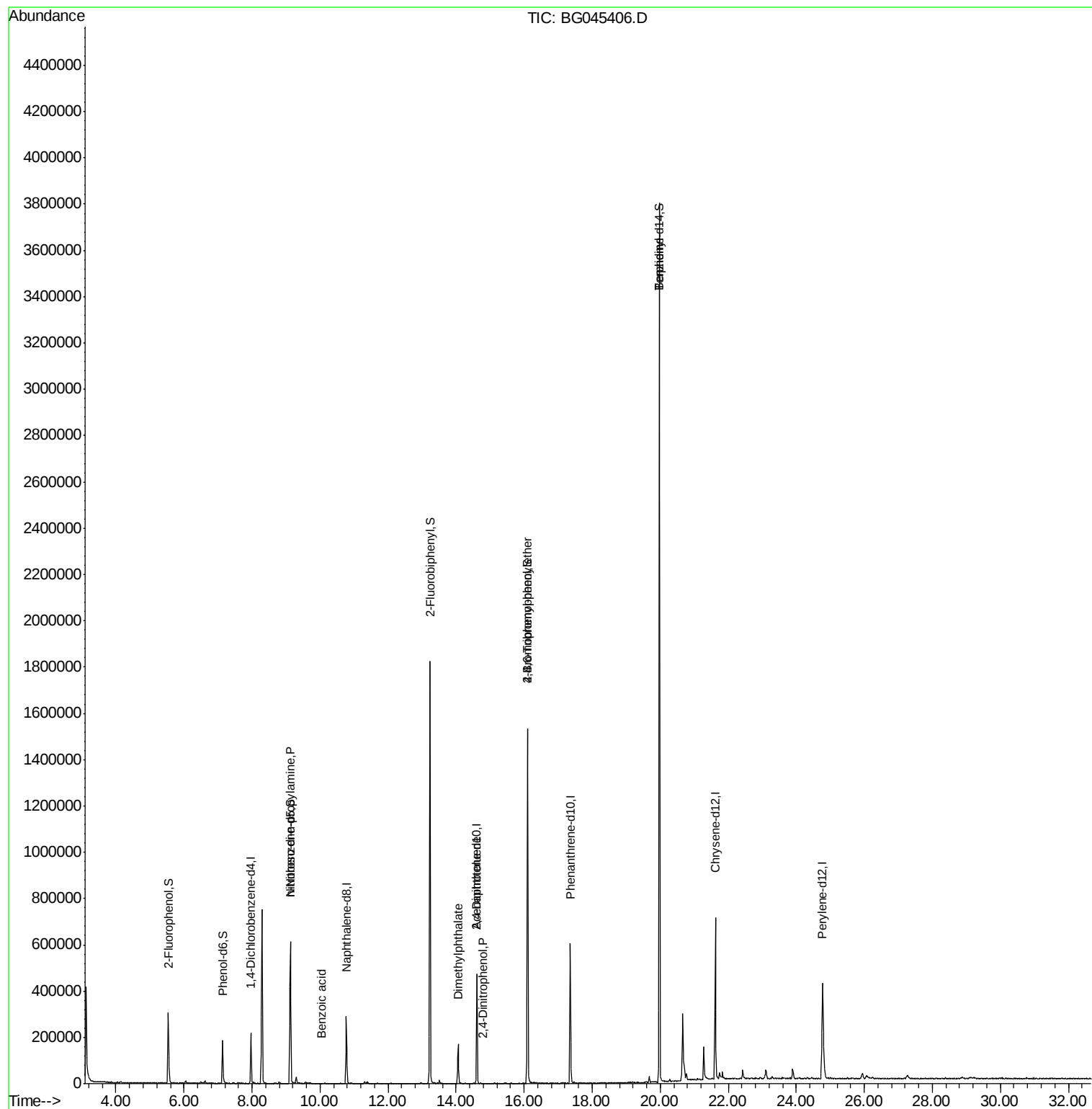
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	67623	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	264945	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	180316	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	418493	20.00	ng	0.00
76) Chrysene-d12	21.62	240	439454	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

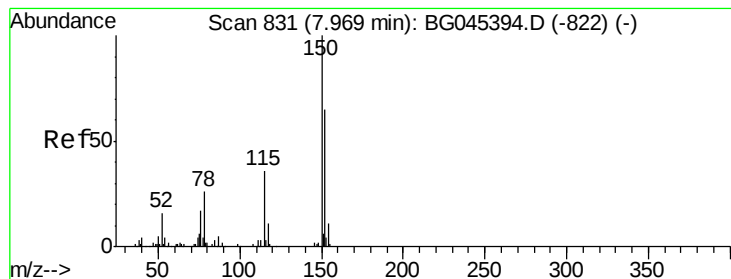
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
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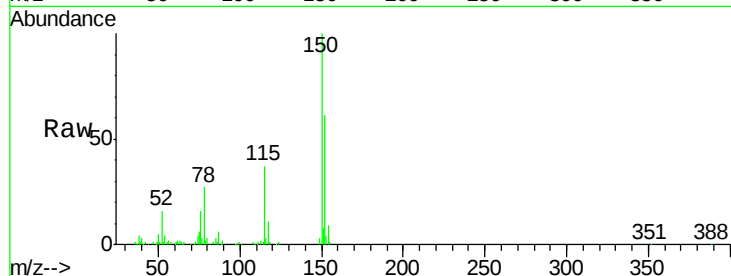


#1

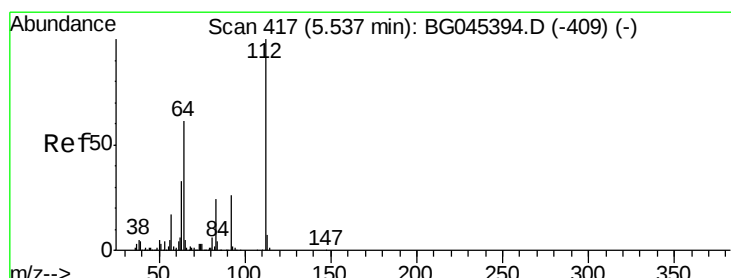
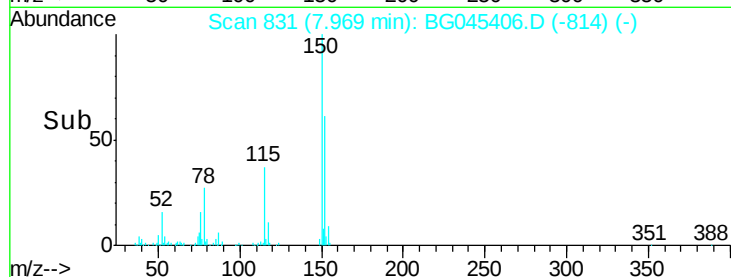
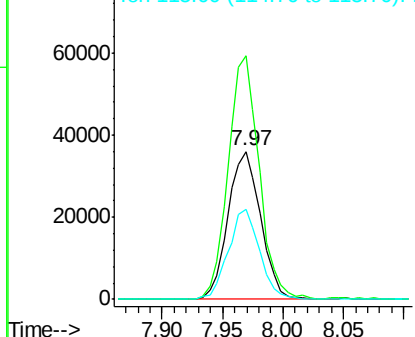
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG045406.D
Acq: 15 May 2020 21:15

Instrument :
BNA_G
ClientSampleId :

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



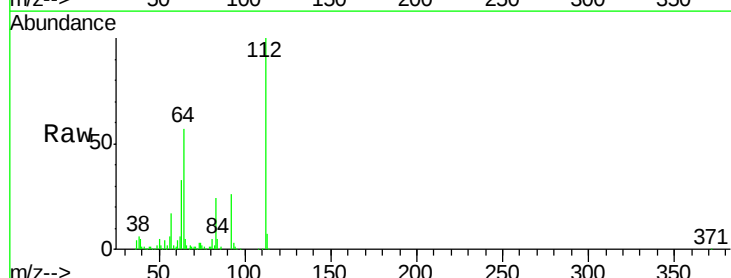
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



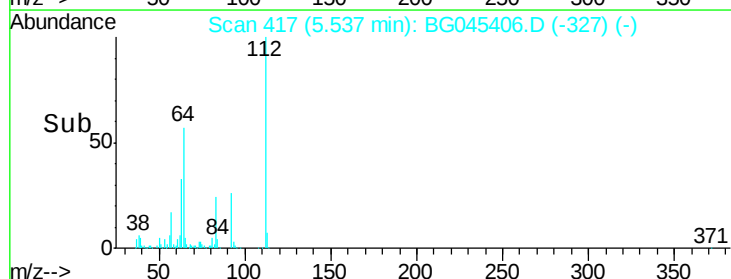
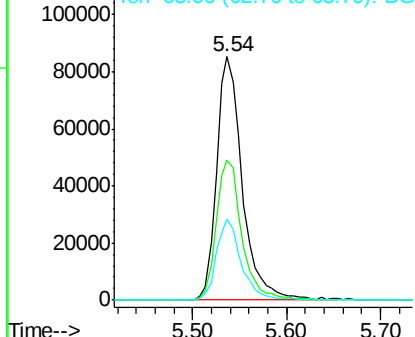
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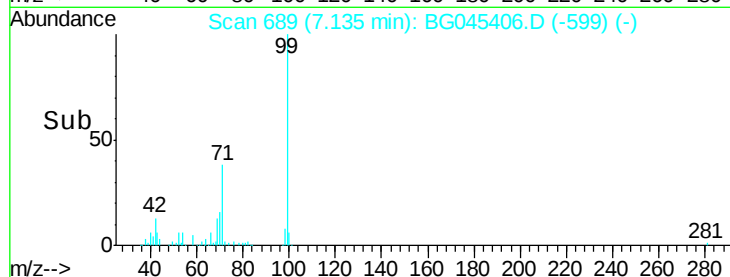
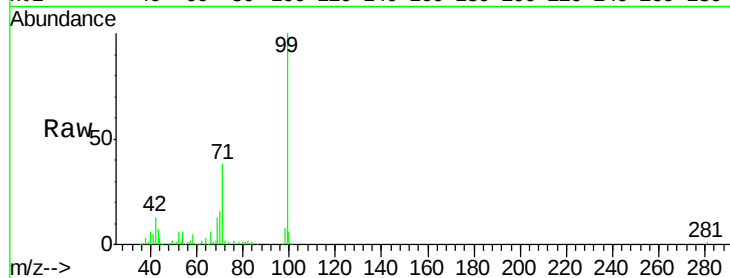
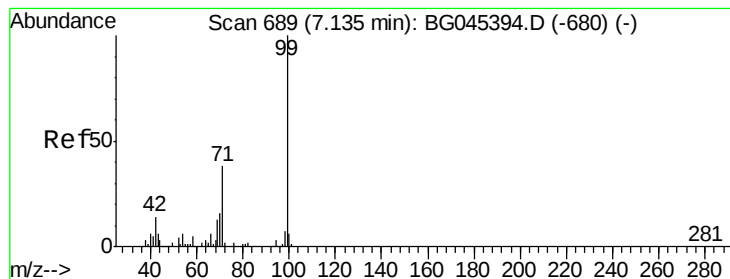
2-Fluorophenol
Concen: 46.868 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG045406.D
Acq: 15 May 2020 21:15

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 :

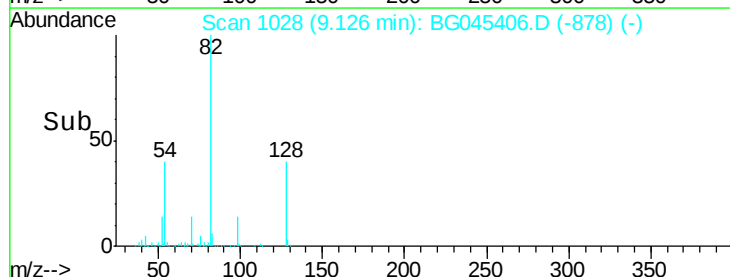
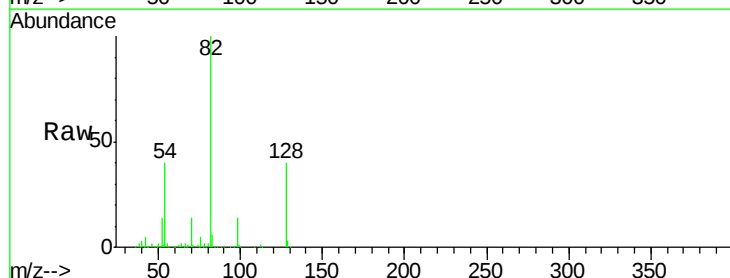
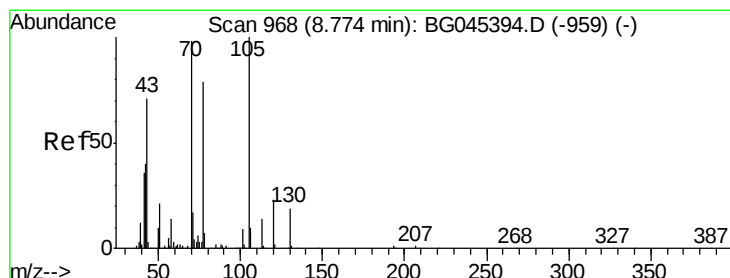
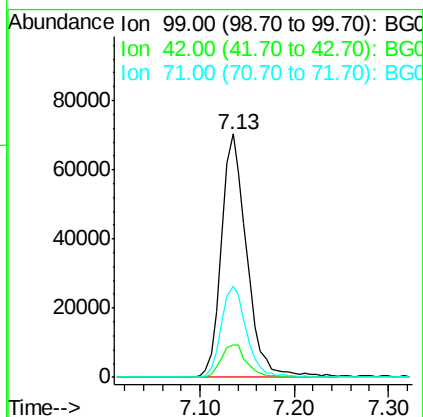
Tot Ion: 99 Resp: 132270

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

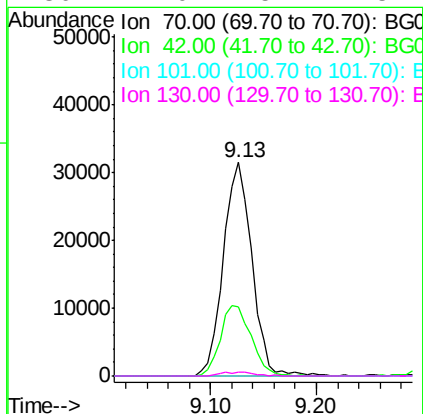
Ion Ratio Lower Upper

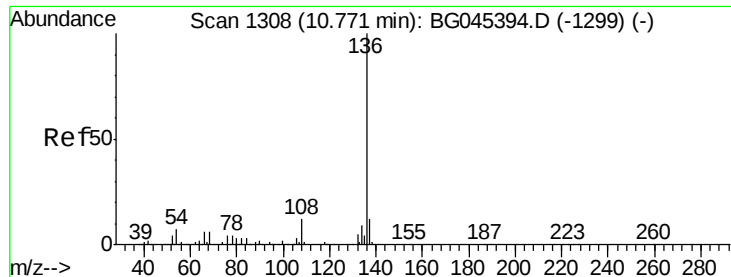
70 100

42 32.4 33.2 49.8#

101 0.0 7.8 11.6#

130 2.0 15.4 23.2#

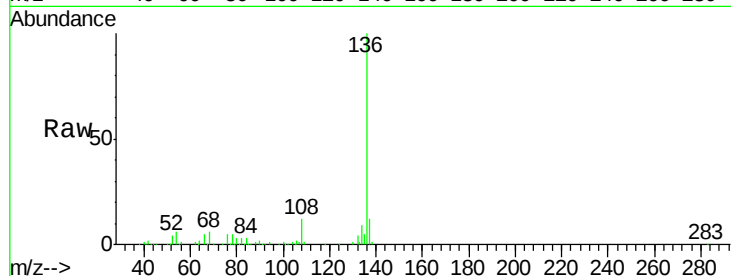




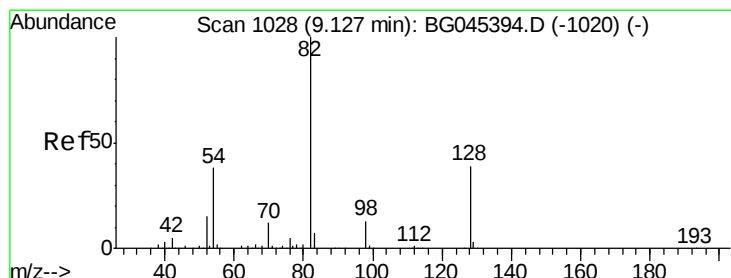
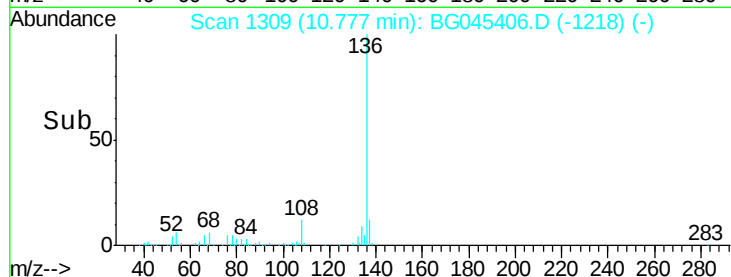
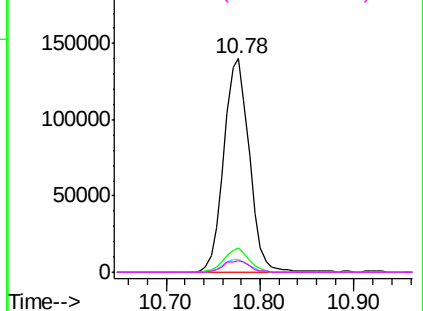
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BG045406.D
Acq: 15 May 2020 21:15

Instrument :
BNA_G
ClientSampleId :

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	

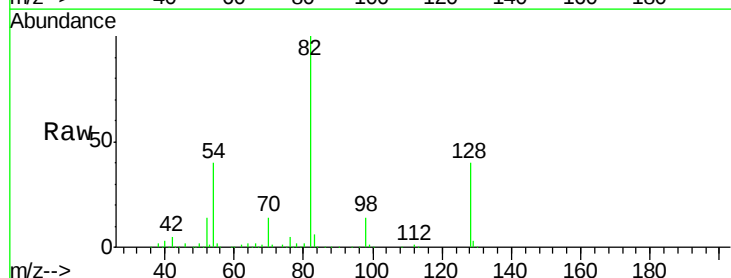


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

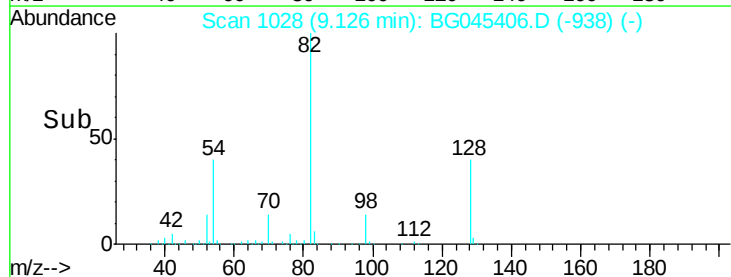
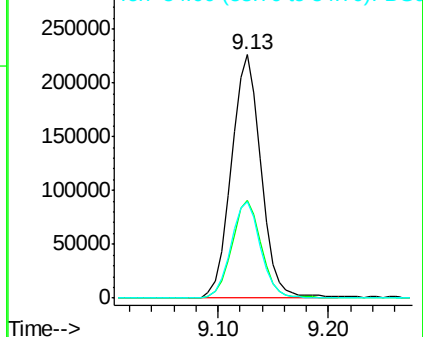


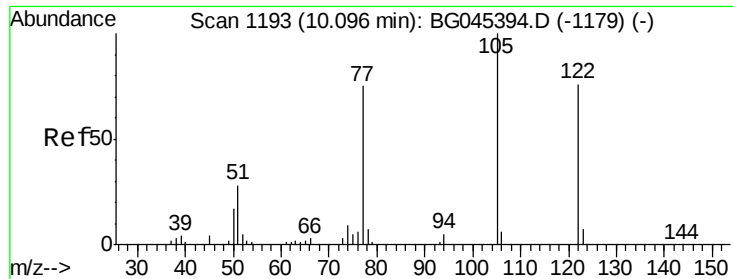
#23
Nitrobenzene-d5
Concen: 87.932 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG045406.D
Acq: 15 May 2020 21:15

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): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B

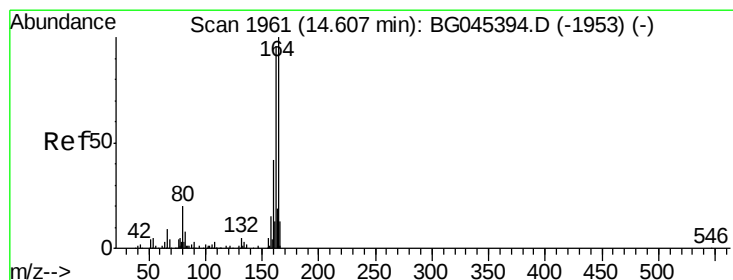
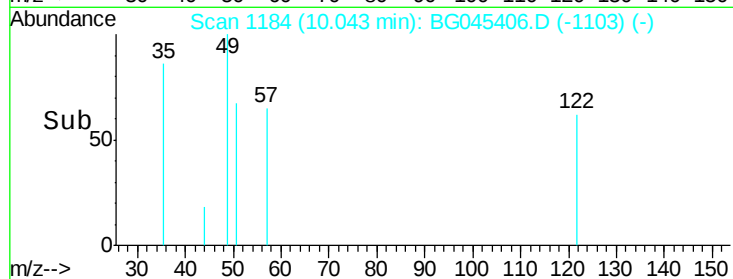
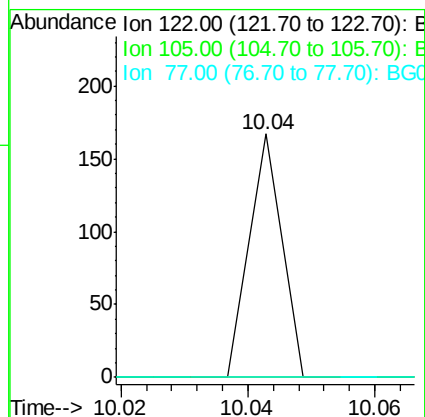
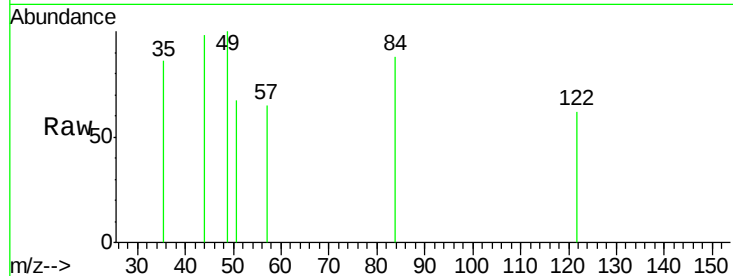




#32
Benzoic acid
Concen: 10.043 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.05 min
Lab File: BG045406.D
Acq: 15 May 2020 21:15

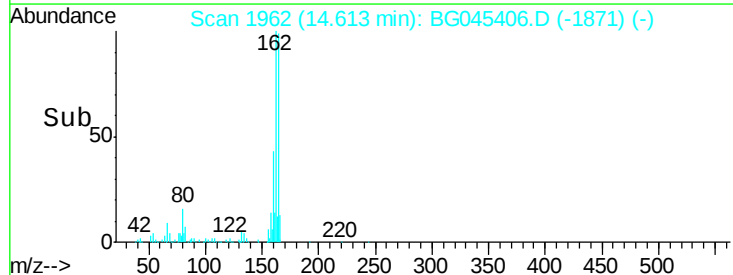
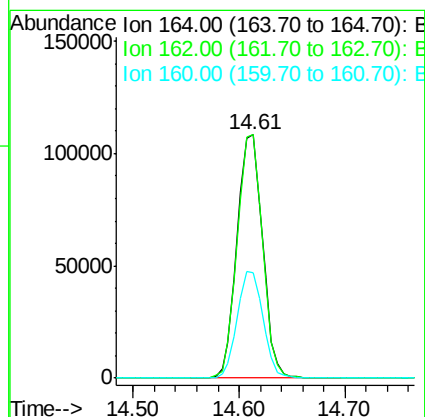
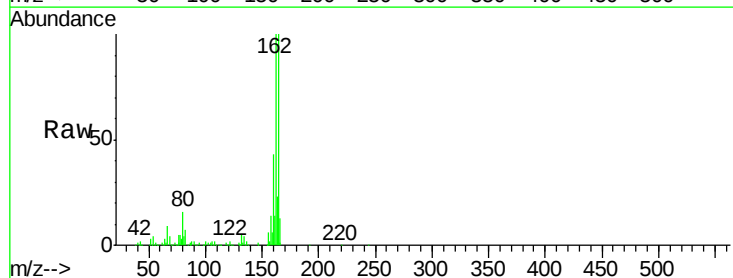
Instrument :
BNA_G
ClientSampleId :

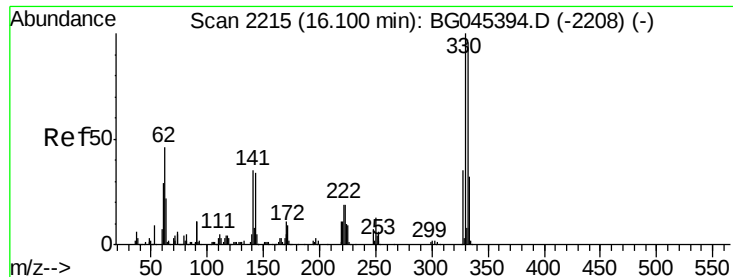
Tot Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 0.0 107.9 147.9#
77 0.0 78.9 118.9#



#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

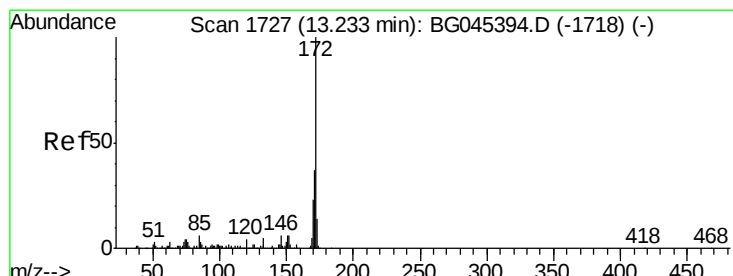
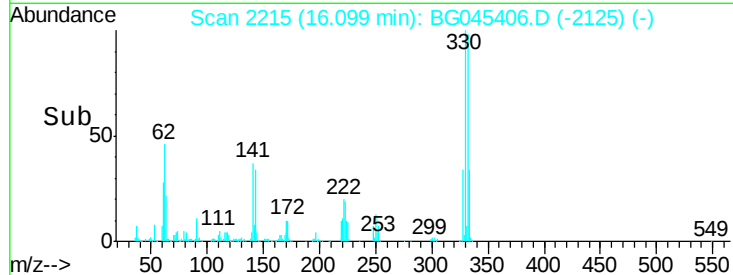
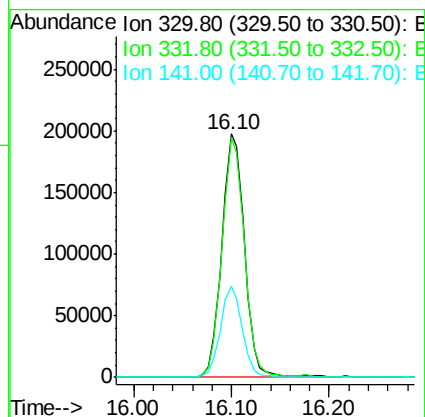
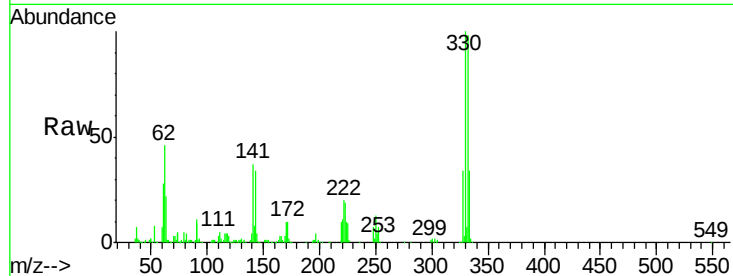




#42
 2,4,6-Tribromophenol
 Concen: 138.459 ng
 RT: 16.10 min Scan# 2215
 Delta R.T. -0.00 min
 Lab File: BG045406.D
 Acq: 15 May 2020 21:15

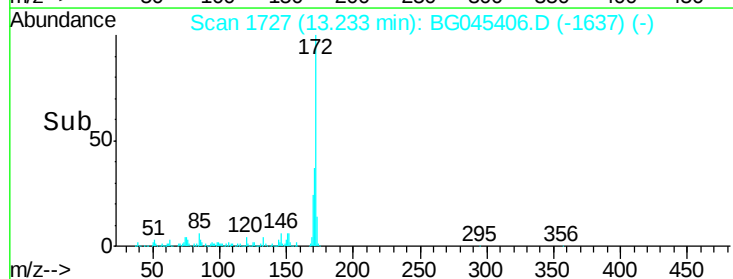
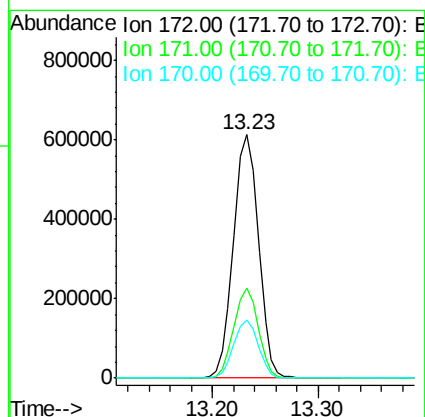
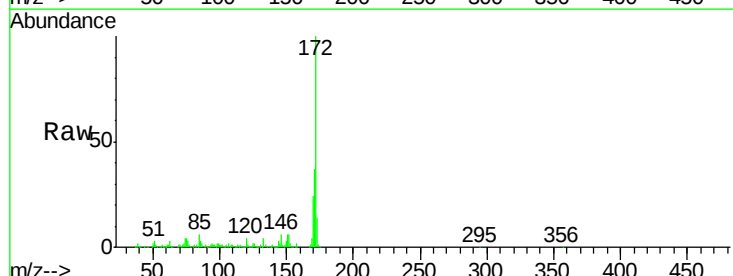
Instrument :
 BNA_G
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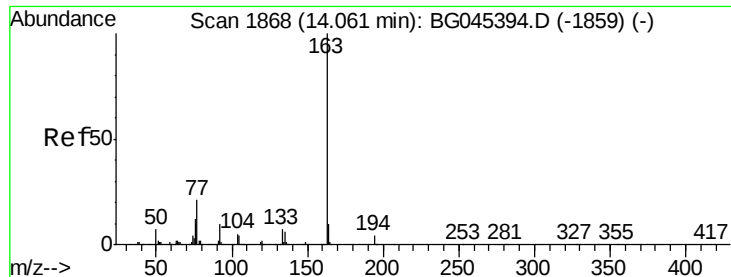
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.2	117.4
141	35.5	28.2	42.4



#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	Ratio	Lower	Upper
172	100		
171	37.2	29.5	44.3
170	23.8	18.5	27.7





#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

ClientSampled :

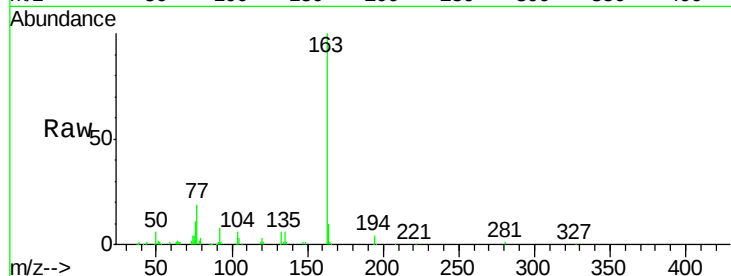
Tot Ion:163 Resp: 122861

Ion Ratio Lower Upper

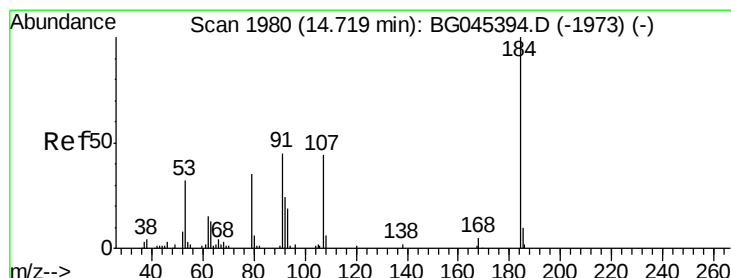
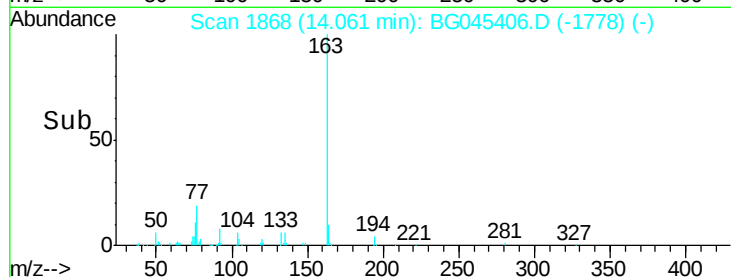
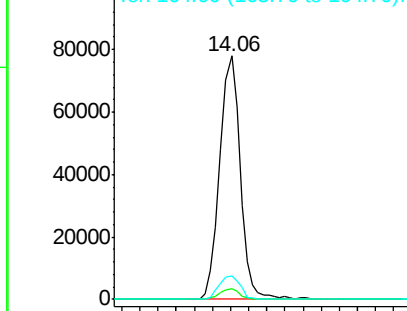
163 100

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

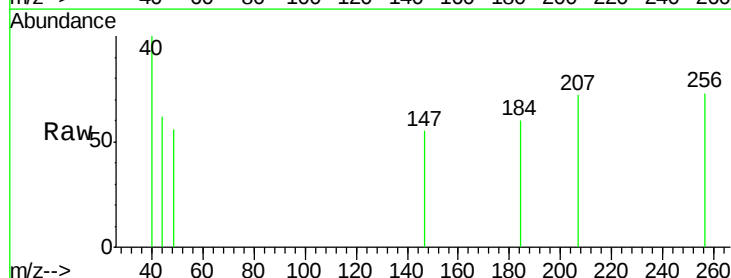
Tgt Ion:184 Resp: 61

Ion Ratio Lower Upper

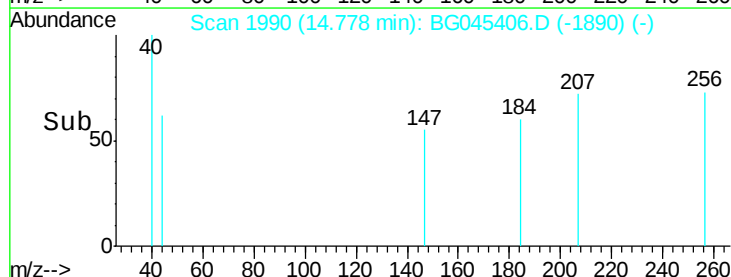
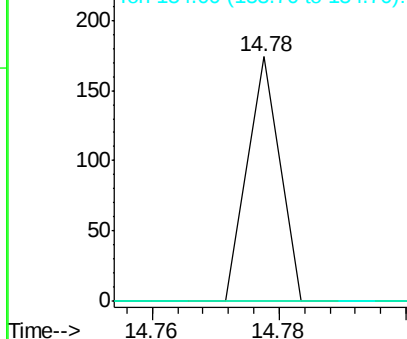
184 100

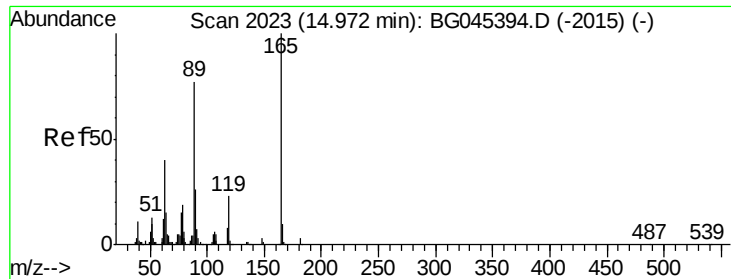
63 0.0 47.8 71.6#

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

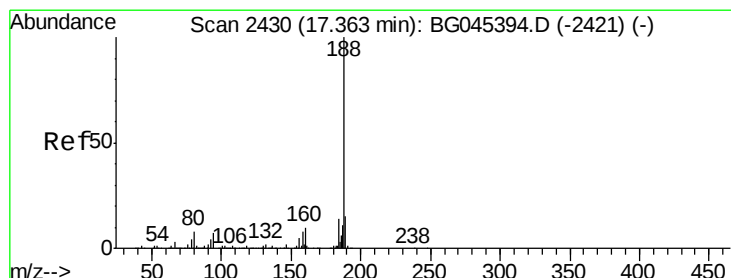
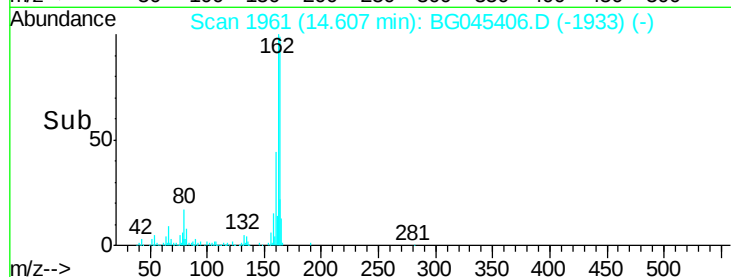
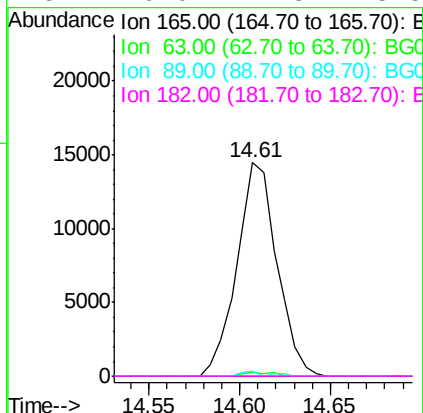
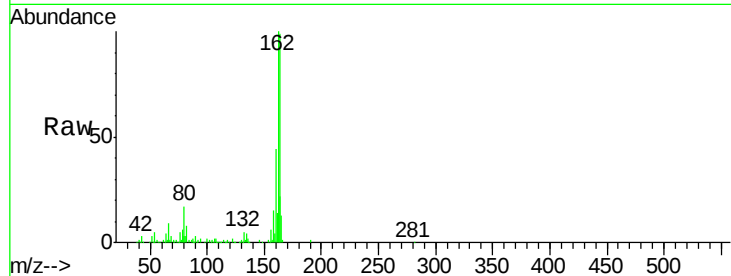




#57
 2,4-Dinitrotoluene
 Concen: 5.509 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. -0.36 min
 Lab File: BG045406.D
 Acq: 15 May 2020 21:15

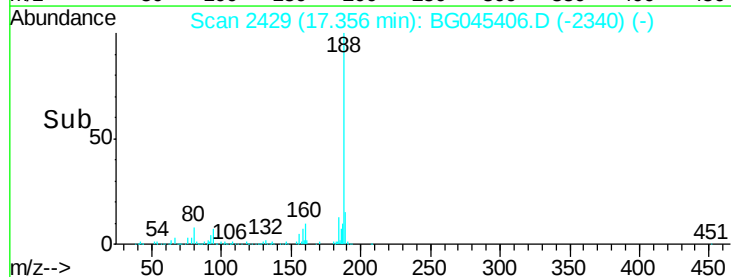
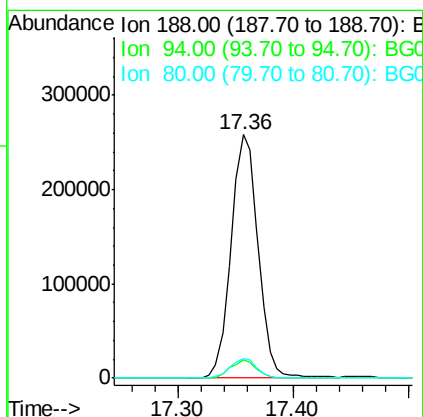
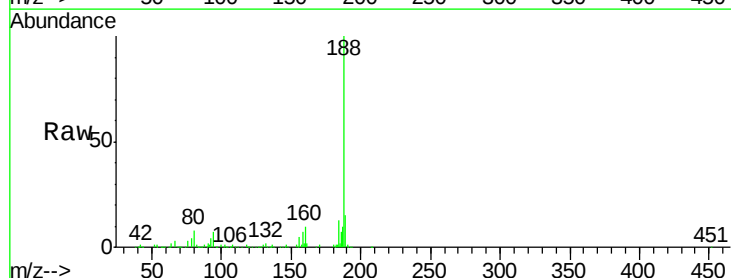
Instrument :
 BNA_G
 ClientSampleId :

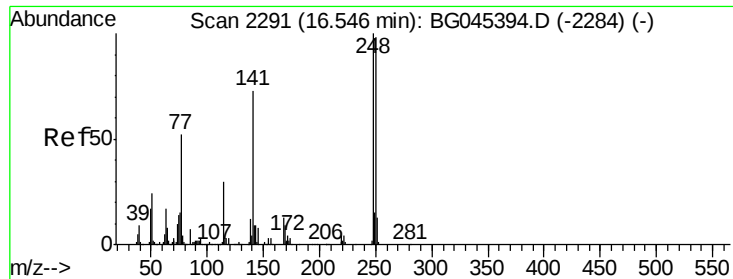
Tot Ion:165 Resp: 22271
 Ion Ratio Lower Upper
 165 100
 63 2.0 32.5 48.7#
 89 2.5 61.8 92.6#
 182 0.0 2.3 3.5#



#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

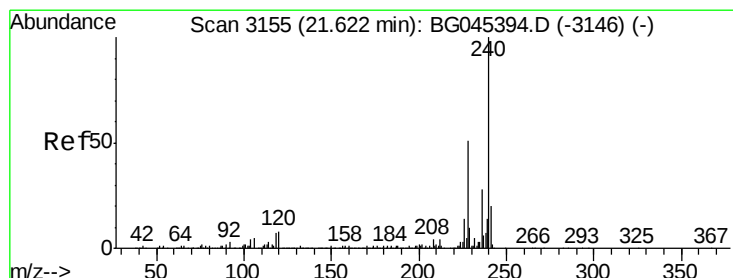
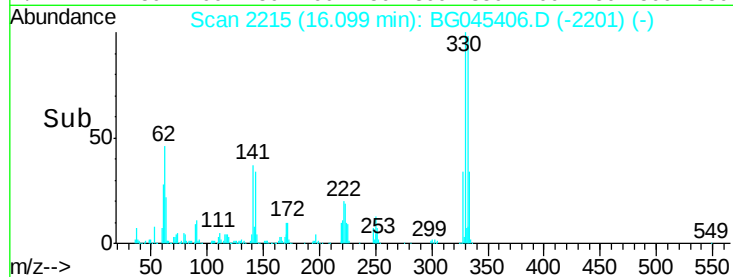
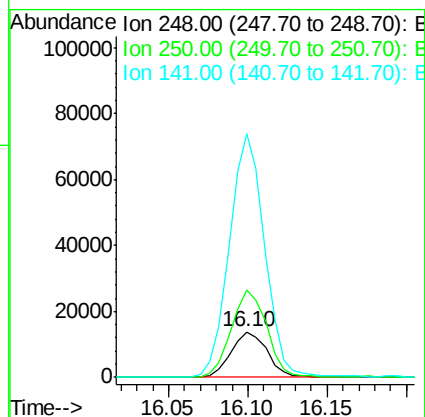
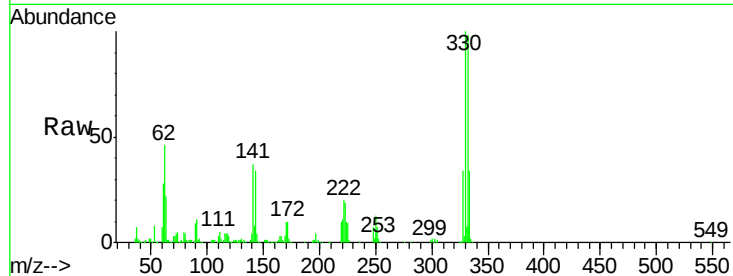




#67
 4-Bromophenyl-phenylether
 Concen: 4.788 ng
 RT: 16.10 min Scan# 2215
 Delta R.T. -0.45 min
 Lab File: BG045406.D
 Acq: 15 May 2020 21:15

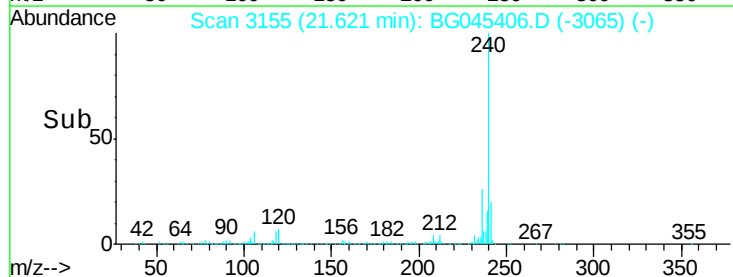
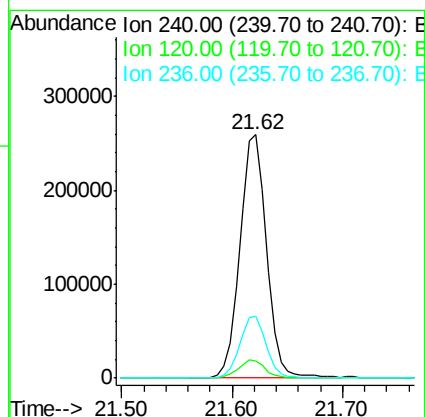
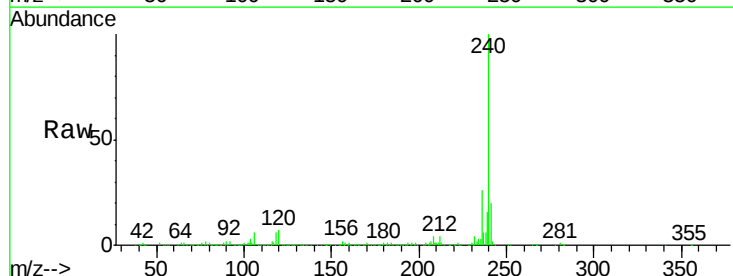
Instrument :
 BNA_G
 ClientSampleId :

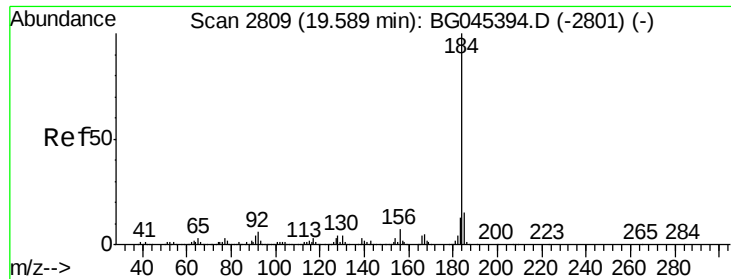
Tot Ion:248 Resp: 21696
 Ion Ratio Lower Upper
 248 100
 250 192.5 78.6 117.8#
 141 537.3 58.2 87.2#



#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 :

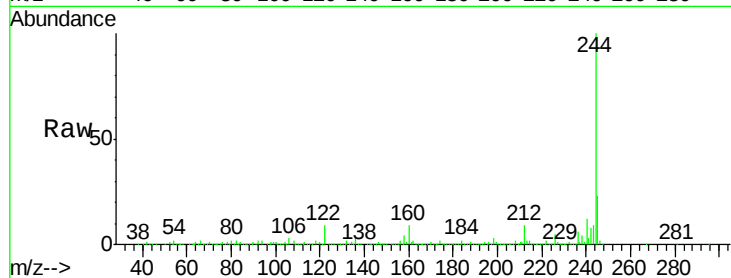
Tot Ion:184 Resp: 37184

Ion Ratio Lower Upper

184 100

185 16.6 11.7 17.5

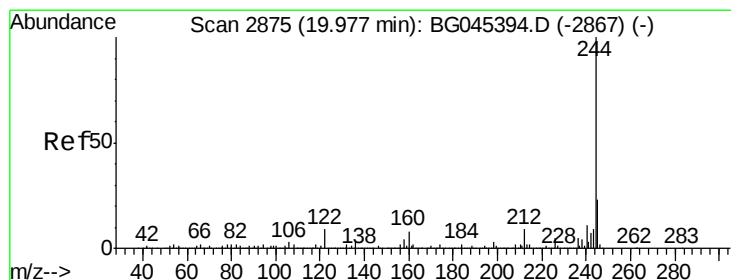
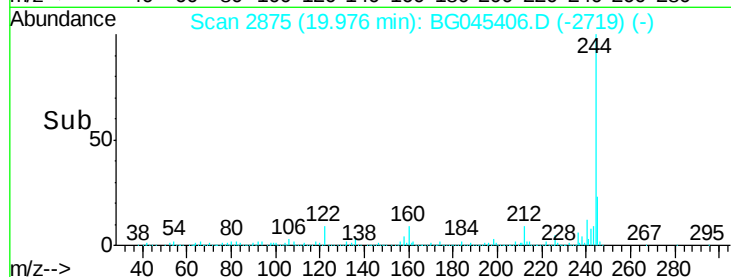
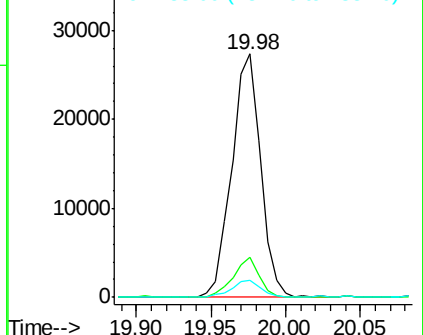
183 6.9 10.2 15.4#



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

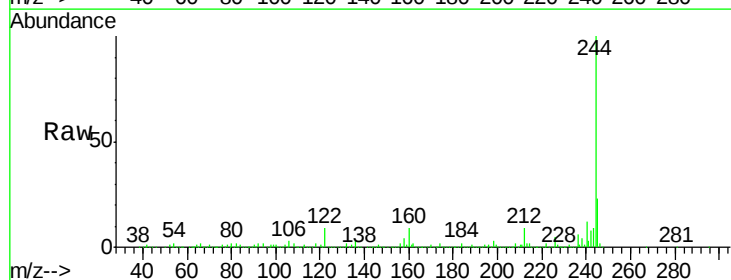
Tgt Ion:244 Resp: 1862846

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.0

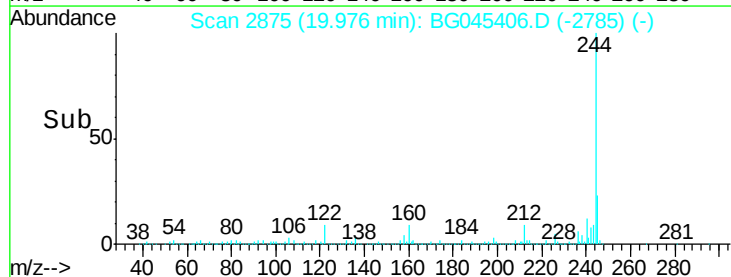
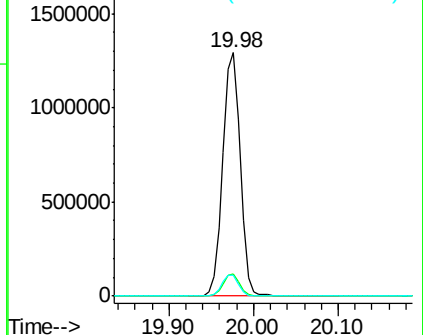
122 8.7 6.8 10.2

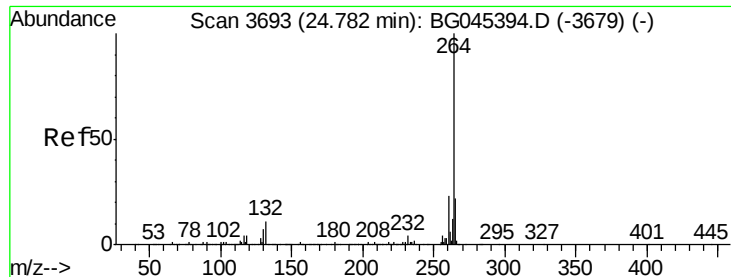


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

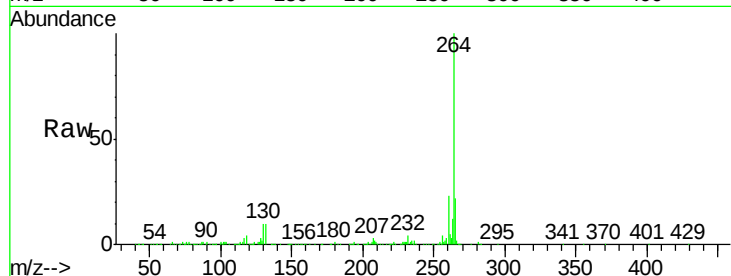




#87
Pervlone-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG045406.D
Acq: 15 May 2020 21:15

Instrument :
BNA_G
ClientSampleId :

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

