

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
 Data File : BG045641.D
 Acq On : 8 Jun 2020 13:36
 Operator : CG/JU
 Sample : L2903-02RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Quant Time: Jun 08 15:16:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

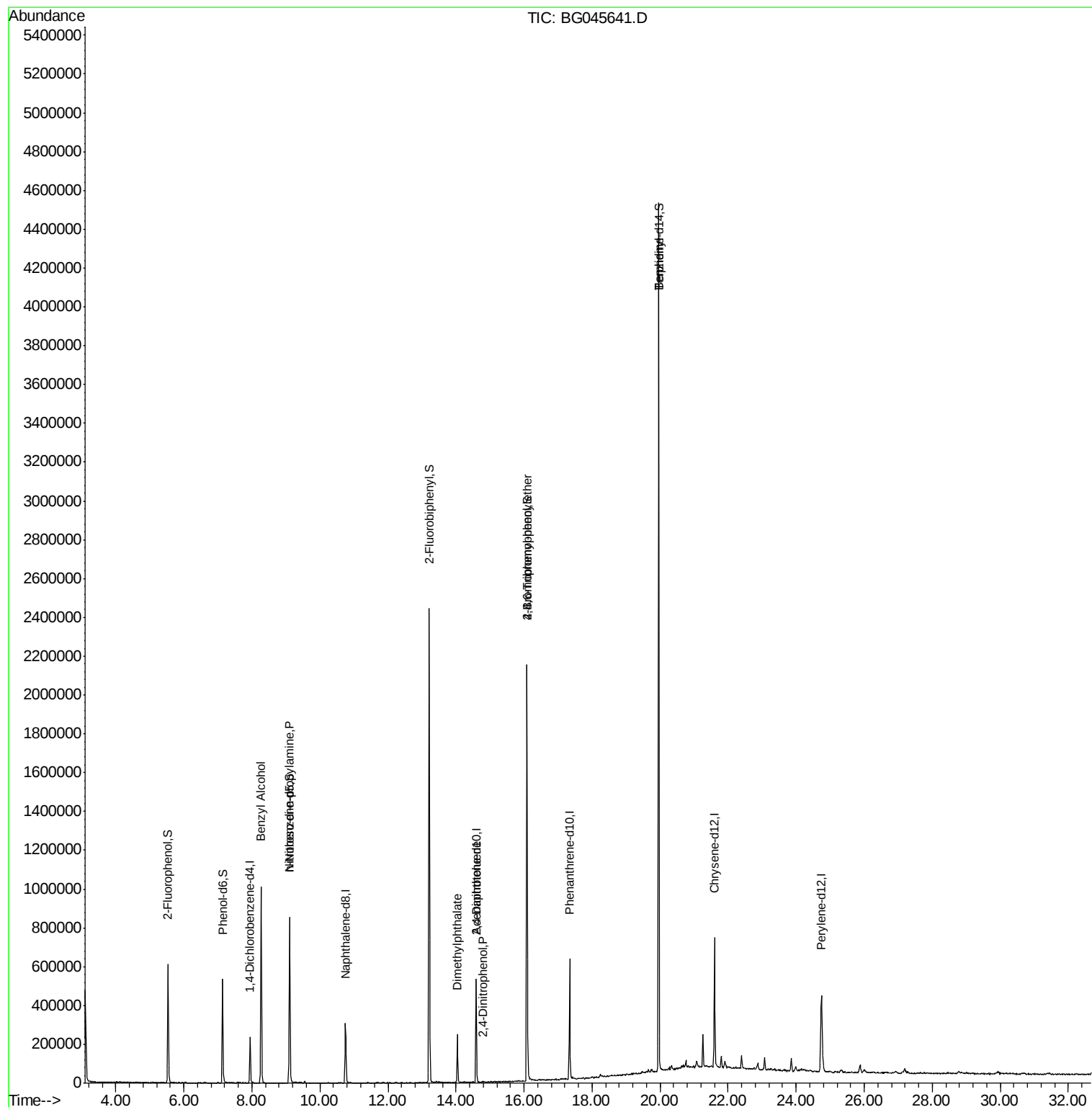
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	69291	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	278314	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	188356	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	417415	20.00	ng	0.00
76) Chrysene-d12	21.60	240	422349	20.00	ng	0.00
87) Perylene-d12	24.74	264	447517	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	302962	85.45	ng	0.00
7) Phenol-d6	7.14	99	349597	69.28	ng	0.00
23) Nitrobenzene-d5	9.11	82	603239	118.20	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	452002	187.64	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1362177	122.67	ng	0.00
79) Terphenyl-d14	19.96	244	2164629	119.54	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.27	79	9753	2.340	ng	# 62
19) n-Nitroso-di-n-propylamine	9.11	70	84040	24.083	ng	# 80
50) Dimethylphthalate	14.04	163	169199	13.095	ng	# 99
54) 2,4-Dinitrophenol	14.79	184	68	5.492	ng	# 17
57) 2,4-Dinitrotoluene	14.59	165	25365	6.007	ng	# 22
67) 4-Bromophenyl-phenylether	16.08	248	29218	6.464	ng	# 1
77) Benizidine	19.96	184	46936	3.957	ng	# 90

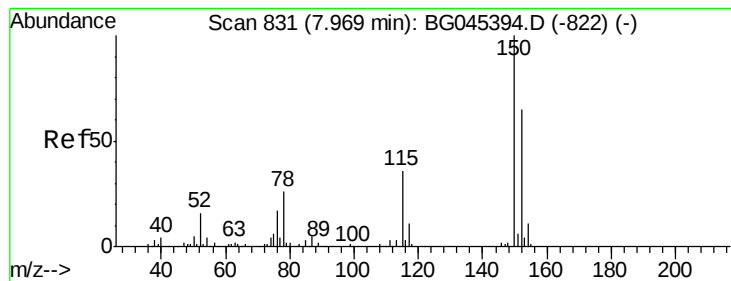
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



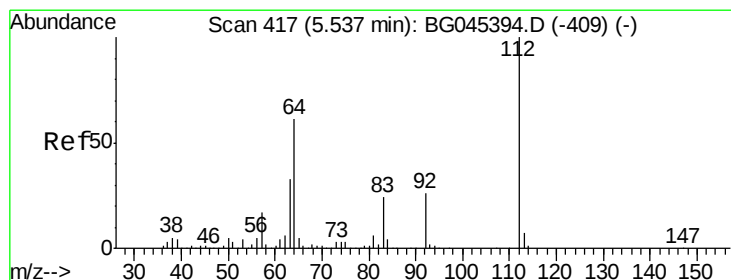
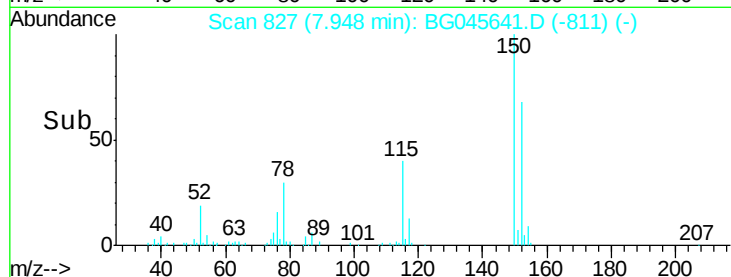
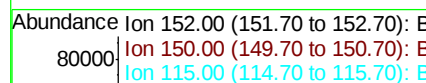
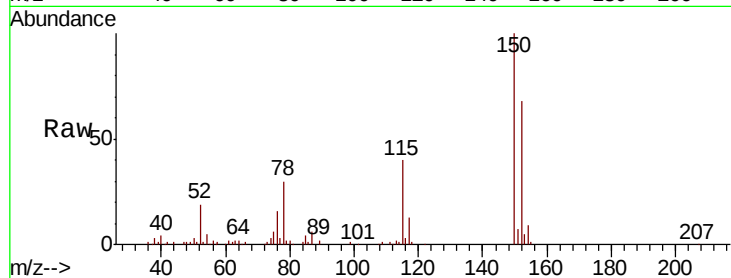


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045641.D
Acq: 8 Jun 2020 13:36

Instrument :
BNA_G
ClientSampleId :
MW-3

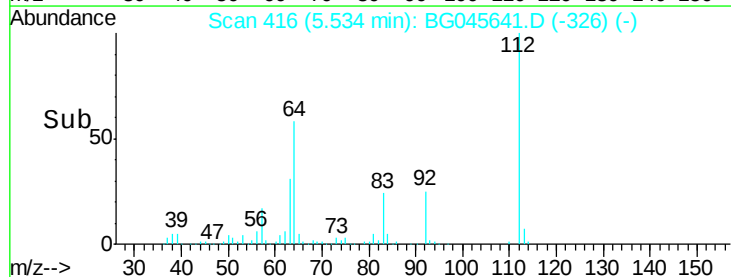
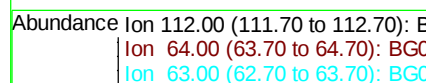
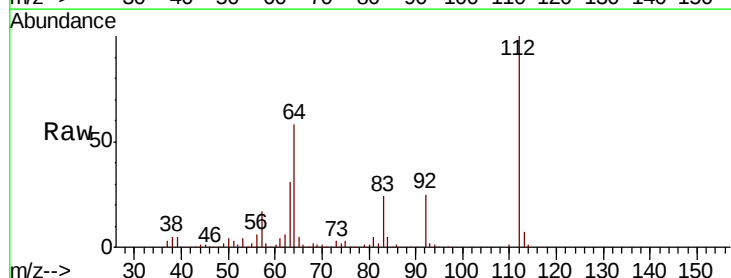
Tot Ion	Ratio	Lower	Upper
152	100		
150	147.6	122.4	183.6
115	58.4	44.2	66.4



#5

2-Fluorophenol
Concen: 85.448 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045641.D
Acq: 8 Jun 2020 13:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	48.6	72.8
63	31.2	26.5	39.7





#7

Phenol-d6

Concen: 69.276 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045641.D

Acq: 8 Jun 2020 13:36

Instrument :

BNA_G

ClientSampleId :

MW-3

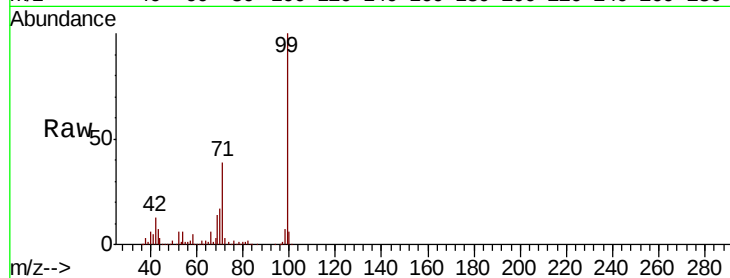
Tot Ion: 99 Resp: 349597

Ion Ratio Lower Upper

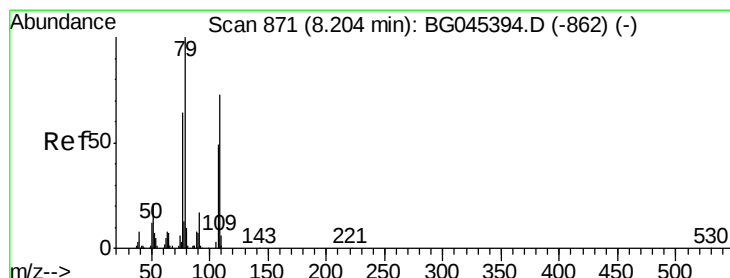
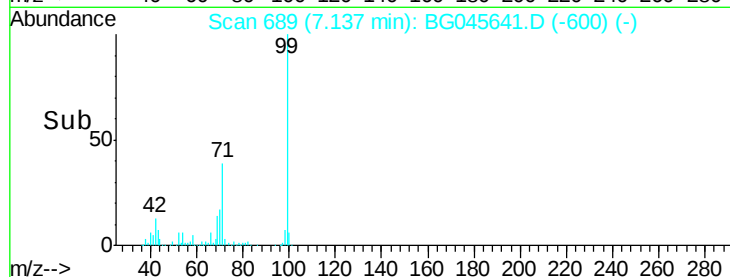
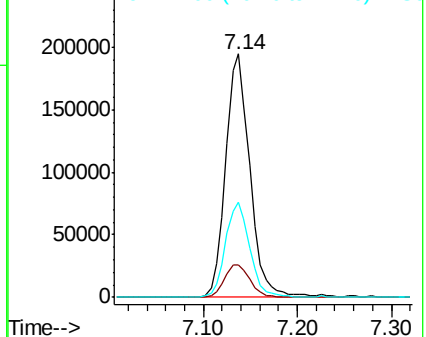
99 100

42 13.5 11.3 16.9

71 39.1 30.8 46.2



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



#15

Benzyl Alcohol

Concen: 2.340 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.07 min

Lab File: BG045641.D

Acq: 8 Jun 2020 13:36

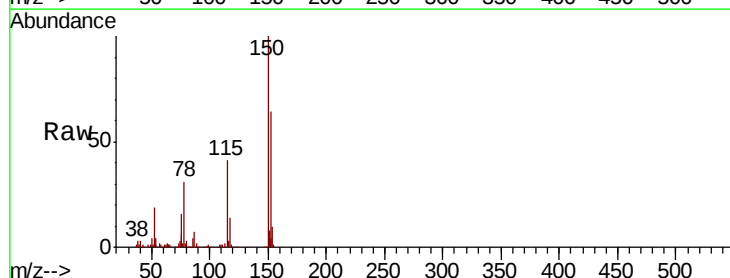
Tgt Ion: 79 Resp: 9753

Ion Ratio Lower Upper

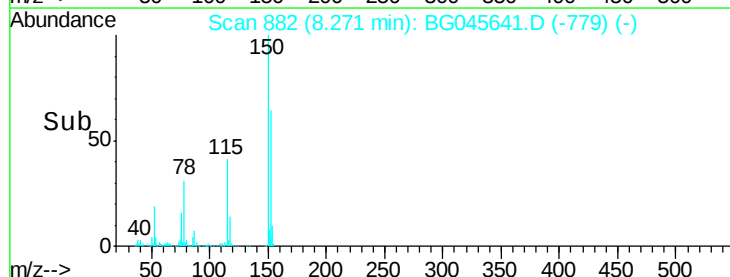
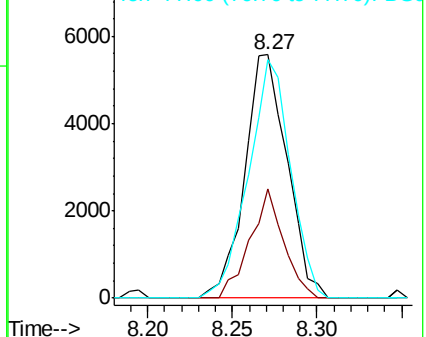
79 100

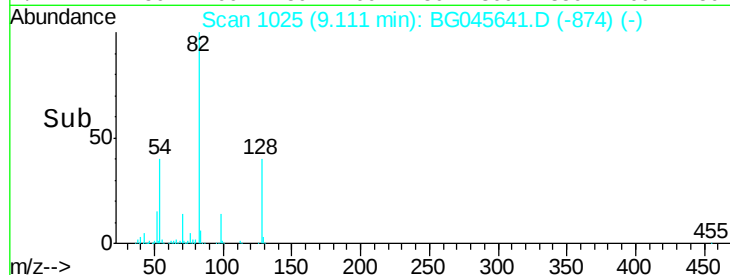
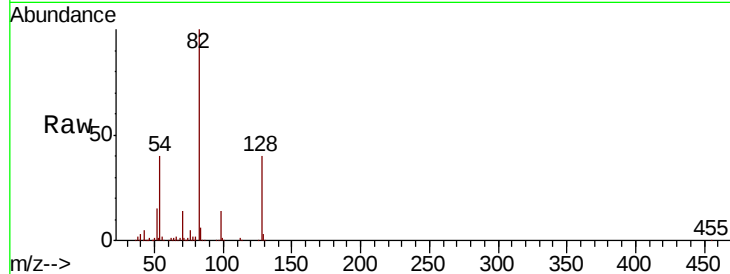
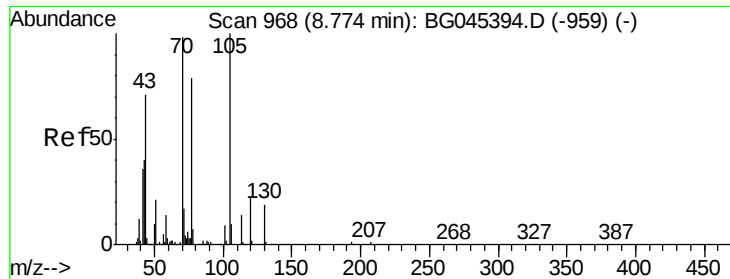
108 44.8 58.2 87.4#

77 97.9 51.0 76.4#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

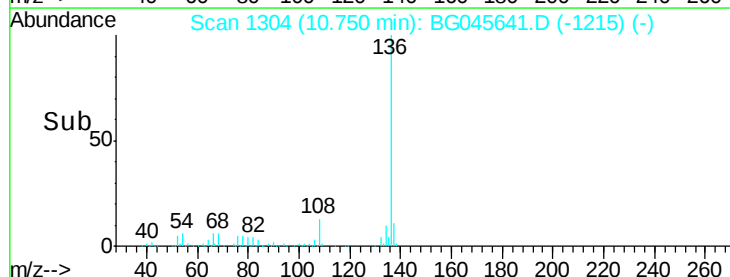
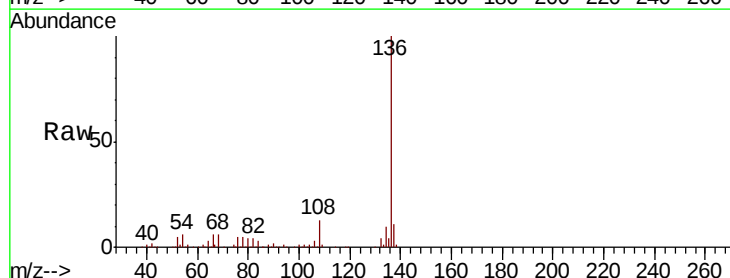
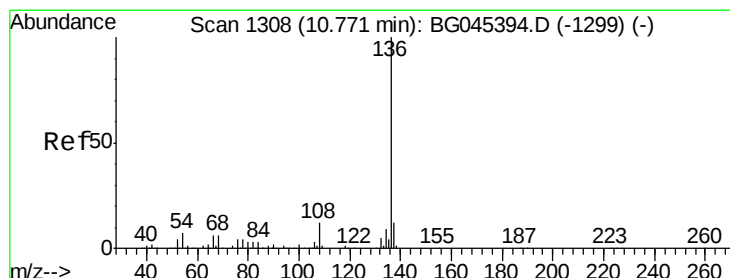
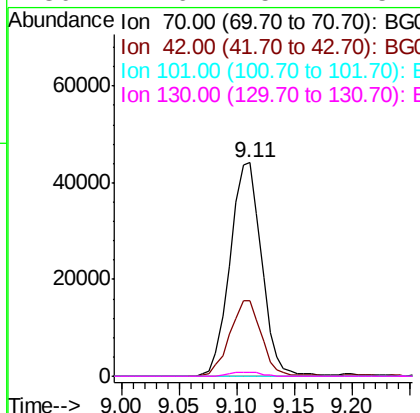




#19
n-Nitroso-di-n-propylamine
Concen: 24.083 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.36 min
Lab File: BG045641.D
Acq: 8 Jun 2020 13:36

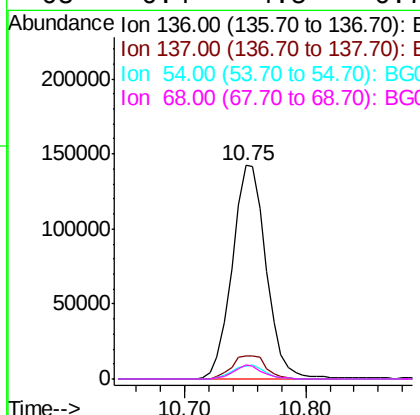
Instrument :
BNA_G
ClientSampleId :
MW-3

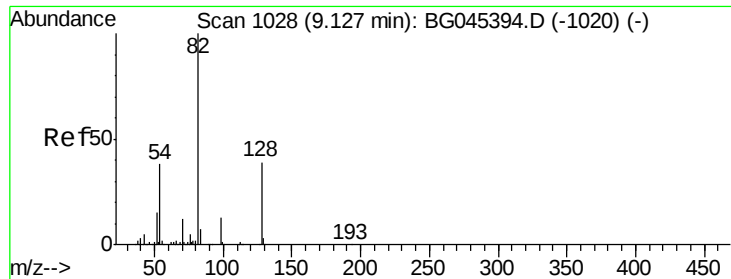
Tot Ion: 70 Resp: 84040
Ion Ratio Lower Upper
70 100
42 35.4 33.2 49.8
101 0.0 7.8 11.6#
130 1.6 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045641.D
Acq: 8 Jun 2020 13:36

Tgt Ion: 136 Resp: 278314
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.2
54 5.9 5.8 8.6
68 6.4 4.5 6.7

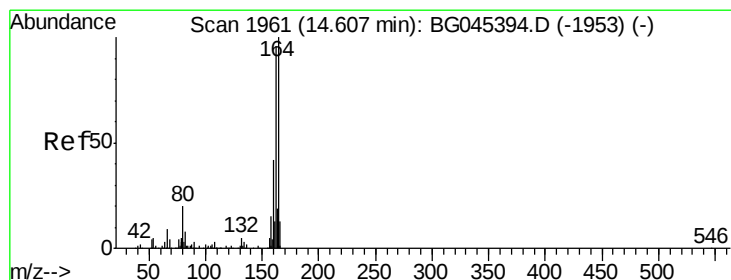
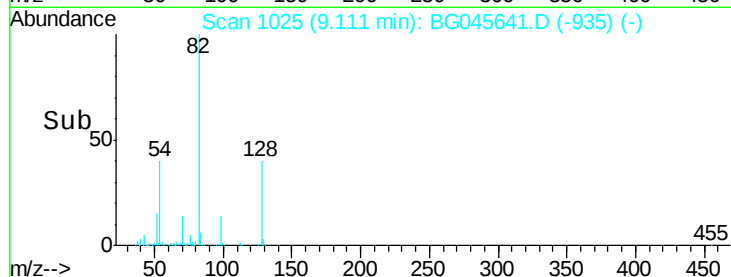
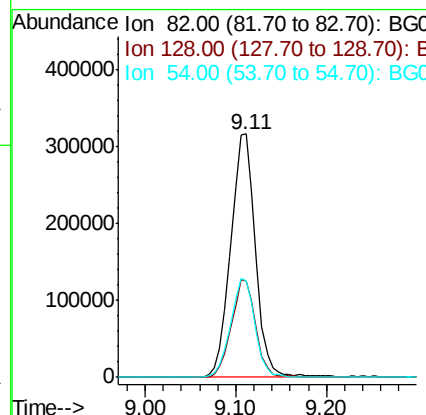
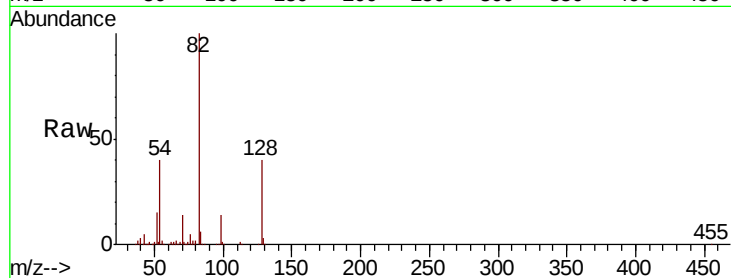




#23
 Nitrobenzene-d5
 Concen: 118.196 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045641.D
 Acq: 8 Jun 2020 13:36

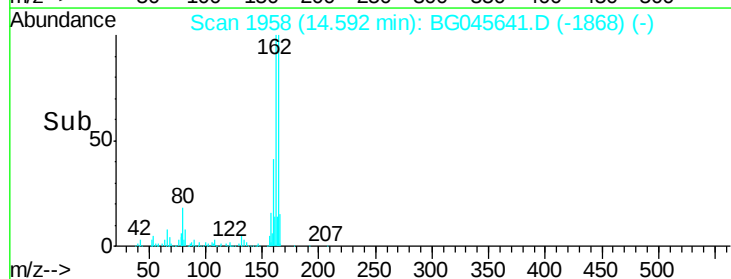
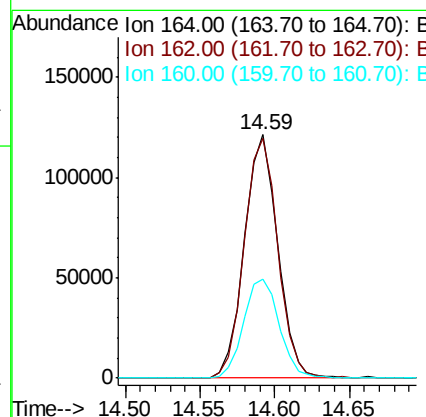
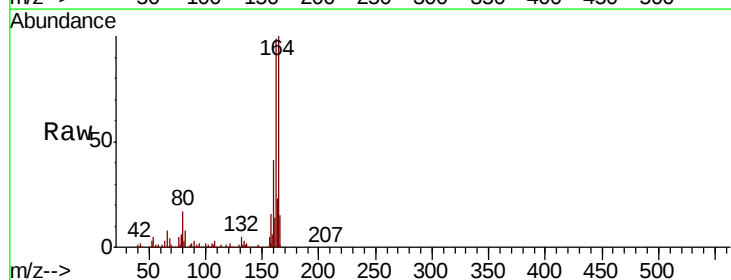
Instrument :
 BNA_G
 ClientSampleId :
 MW-3

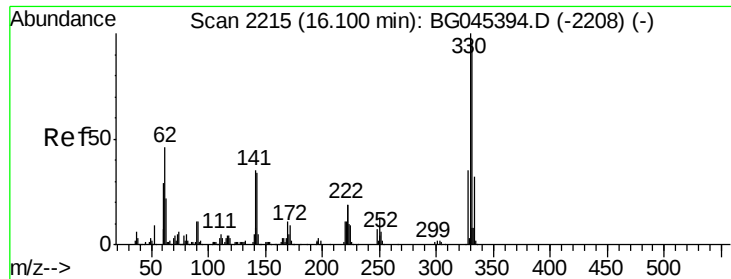
Tot Ion	82	Resp	603239
Ion Ratio	Lower	Upper	
82	100		
128	39.7	30.9	46.3
54	39.7	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BG045641.D
 Acq: 8 Jun 2020 13:36

Tgt Ion	164	Resp	188356
Ion Ratio	Lower	Upper	
164	100		
162	98.7	76.9	115.3
160	40.9	33.8	50.8

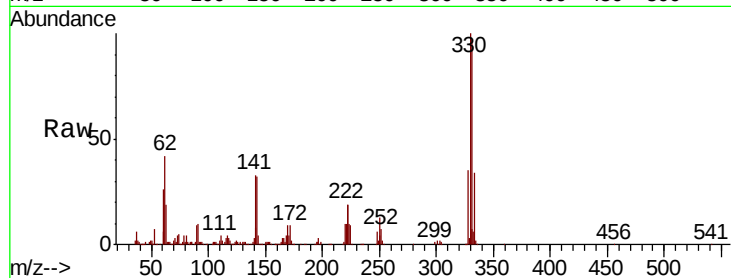




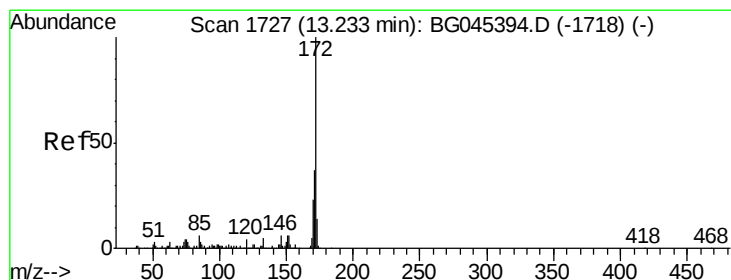
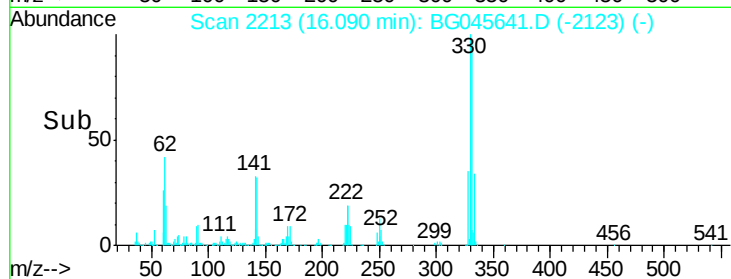
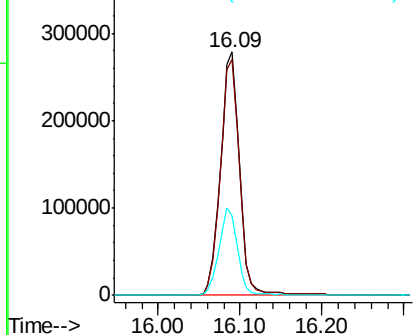
#42
 2,4,6-Tribromophenol
 Concen: 187.641 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: BG045641.D
 Acq: 8 Jun 2020 13:36

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Tot Ion:330 Resp: 452002
 Ion Ratio Lower Upper
 330 100
 332 98.3 78.2 117.4
 141 35.3 28.2 42.4

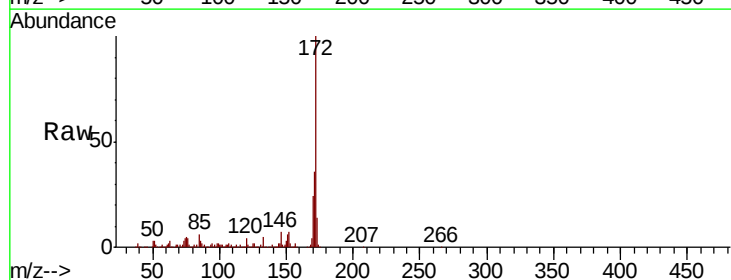


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

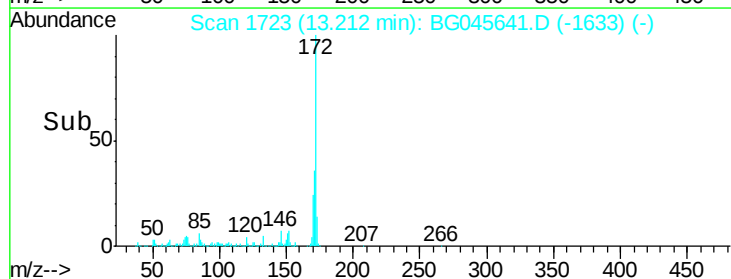
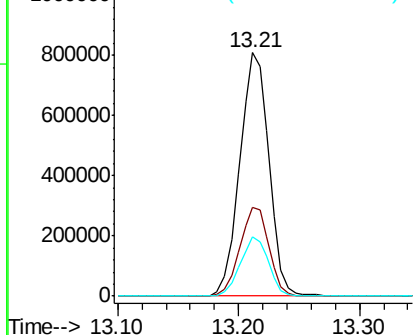


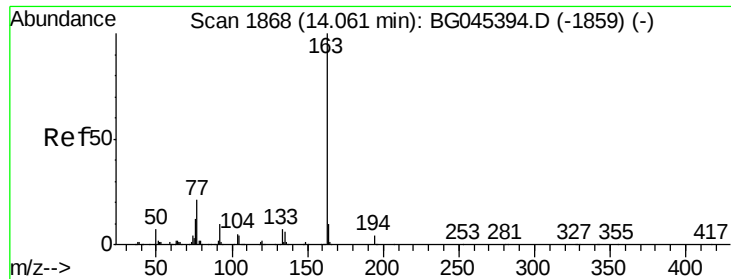
#45
 2-Fluorobiphenyl
 Concen: 122.668 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG045641.D
 Acq: 8 Jun 2020 13:36

Tgt Ion:172 Resp: 1362177
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.5 44.3
 170 24.1 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: 13.095 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG045641.D

Acq: 8 Jun 2020 13:36

Instrument :

BNA_G

ClientSampled :

MW-3

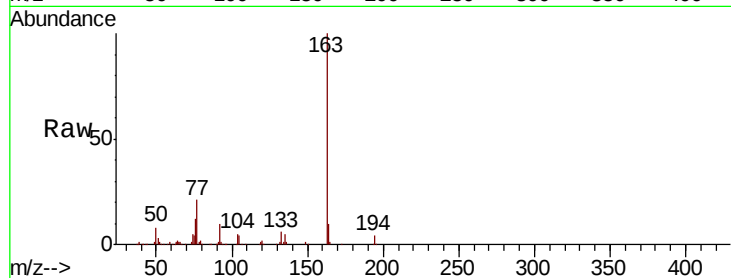
Tot Ion:163 Resp: 169199

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

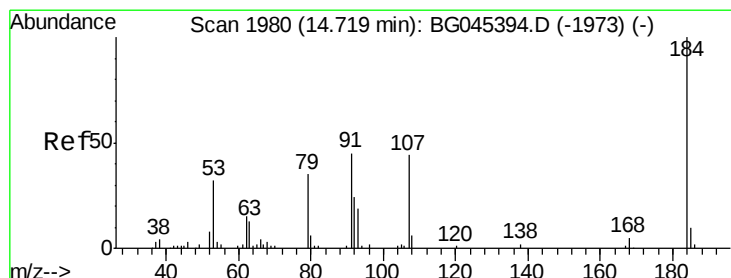
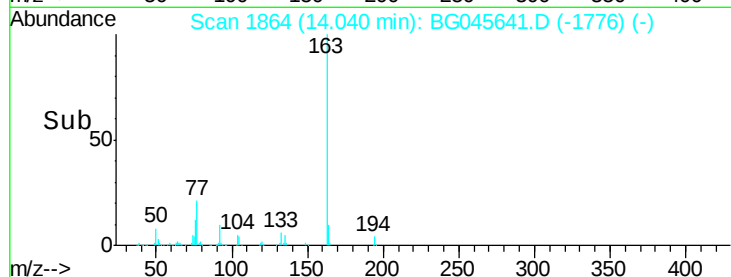
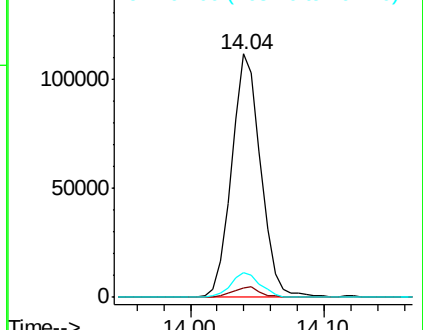
164 9.9 8.3 12.5



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: 5.492 ng

RT: 14.79 min Scan# 1992

Delta R.T. 0.08 min

Lab File: BG045641.D

Acq: 8 Jun 2020 13:36

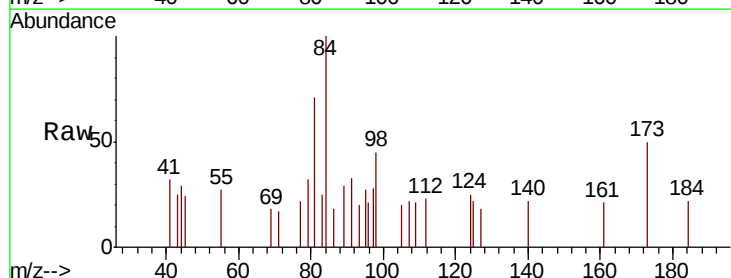
Tgt Ion:184 Resp: 68

Ion Ratio Lower Upper

184 100

63 0.0 47.8 71.6#

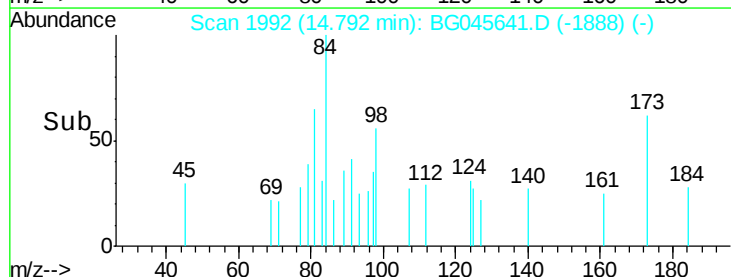
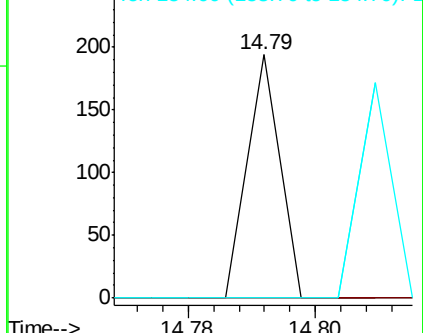
154 0.0 58.3 87.5#

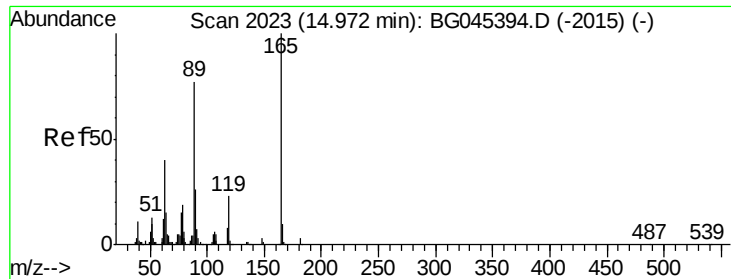


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

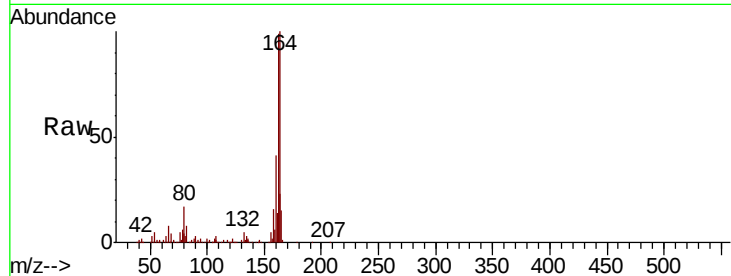




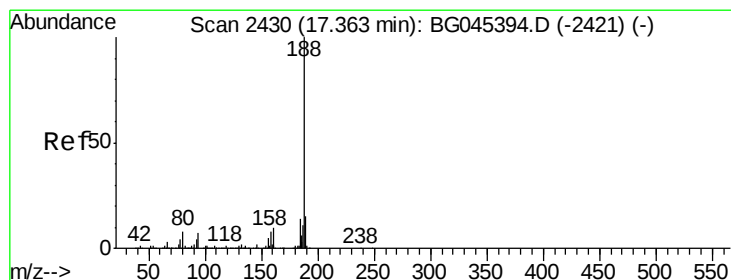
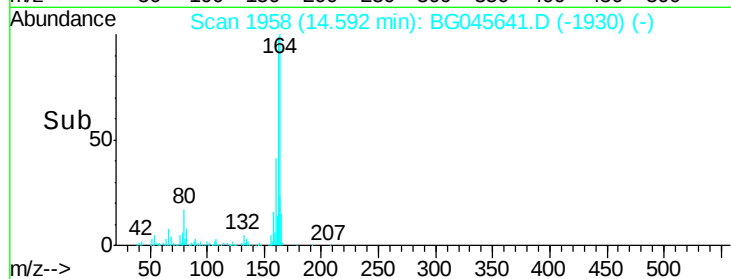
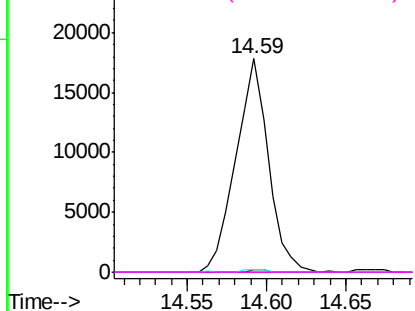
#57
 2,4-Dinitrotoluene
 Concen: 6.007 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.37 min
 Lab File: BG045641.D
 Acq: 8 Jun 2020 13:36

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Tot Ion:165 Resp: 25365
 Ion Ratio Lower Upper
 165 100
 63 1.1 32.5 48.7#
 89 1.2 61.8 92.6#
 182 0.0 2.3 3.5#

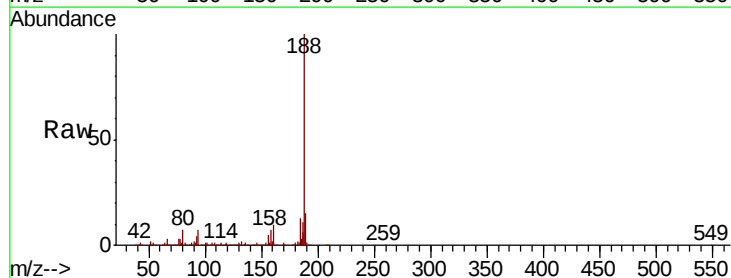


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

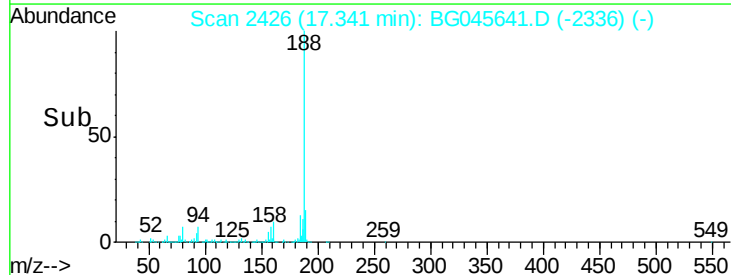
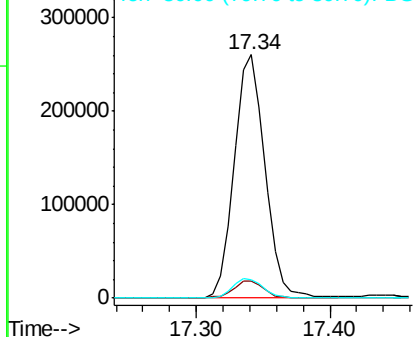


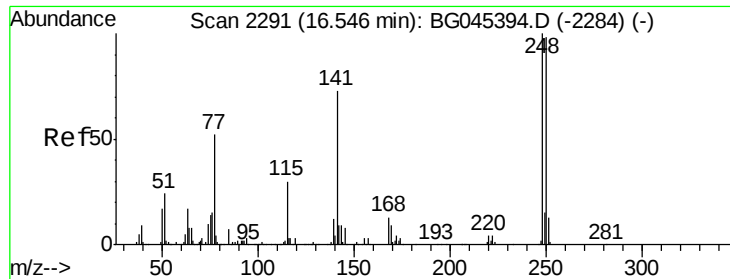
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.34 min Scan# 2426
 Delta R.T. -0.00 min
 Lab File: BG045641.D
 Acq: 8 Jun 2020 13:36

Tgt Ion:188 Resp: 417415
 Ion Ratio Lower Upper
 188 100
 94 7.0 5.5 8.3
 80 7.5 6.6 10.0



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

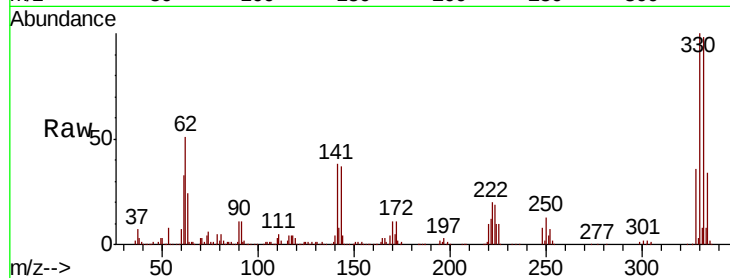




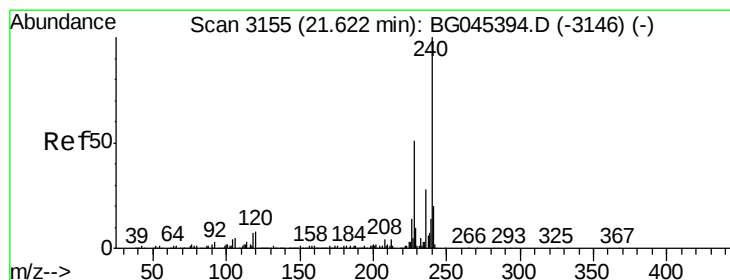
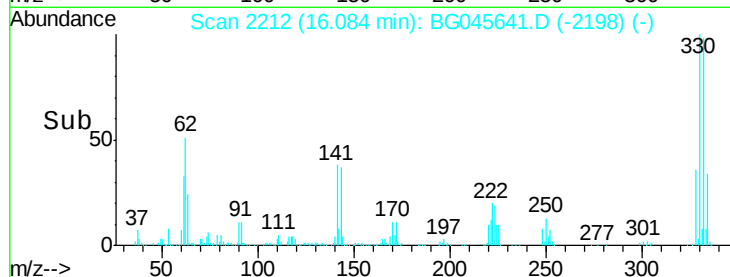
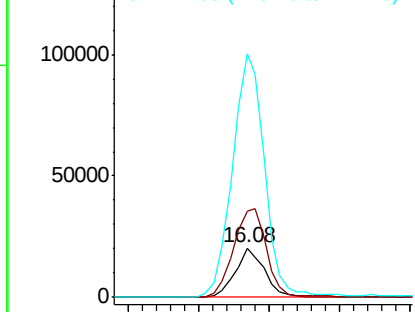
#67
4-Bromophenyl-phenylether
Concen: 6.464 ng
RT: 16.08 min Scan# 2212
Delta R.T. -0.45 min
Lab File: BG045641.D
Acq: 8 Jun 2020 13:36

Instrument :
BNA_G
ClientSampleId :
MW-3

Tot Ion:248 Resp: 29218
Ion Ratio Lower Upper
248 100
250 175.5 78.6 117.8#
141 494.5 58.2 87.2#

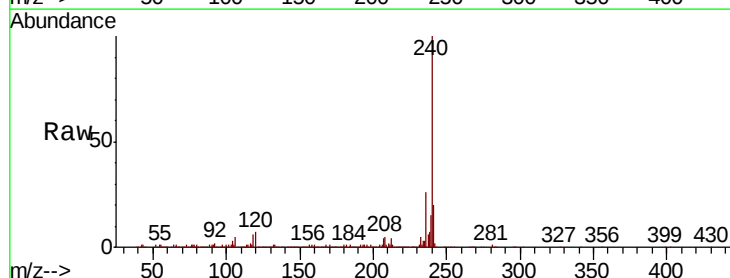


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

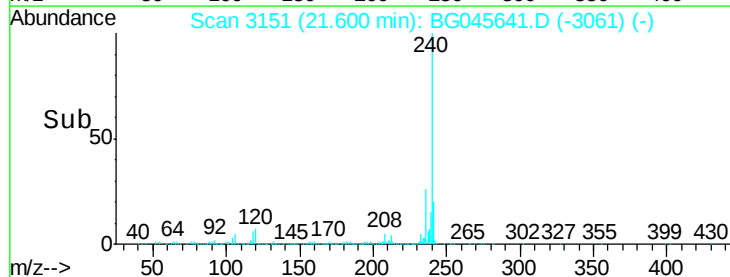
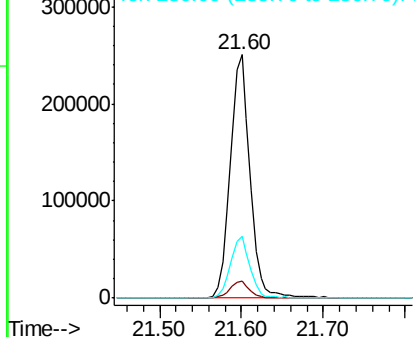


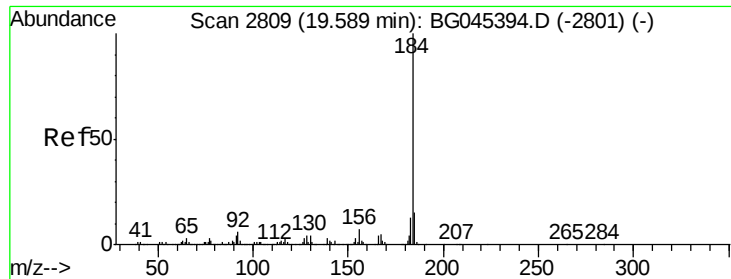
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG045641.D
Acq: 8 Jun 2020 13:36

Tgt Ion:240 Resp: 422349
Ion Ratio Lower Upper
240 100
120 7.0 6.1 9.1
236 25.6 22.3 33.5



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: 3.957 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.38 min

Lab File: BG045641.D

Acq: 8 Jun 2020 13:36

Instrument :

BNA_G

ClientSampleId :

MW-3

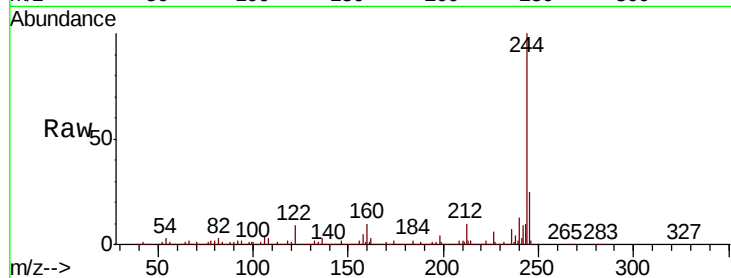
Tot Ion:184 Resp: 46936

Ion Ratio Lower Upper

184 100

185 17.2 11.7 17.5

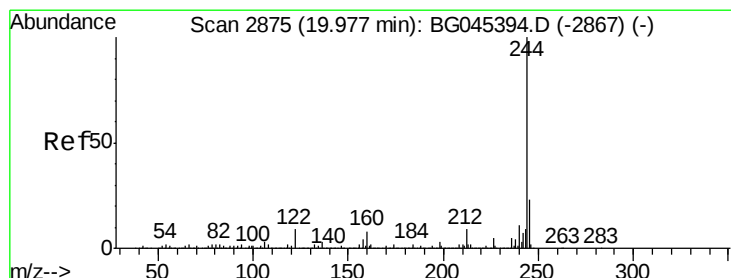
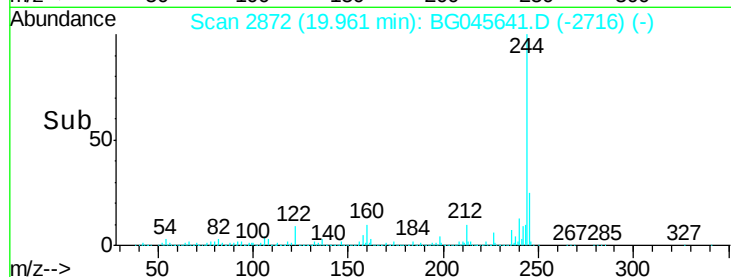
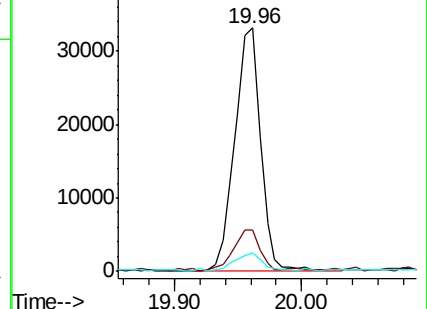
183 7.5 10.2 15.4#



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: 119.535 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045641.D

Acq: 8 Jun 2020 13:36

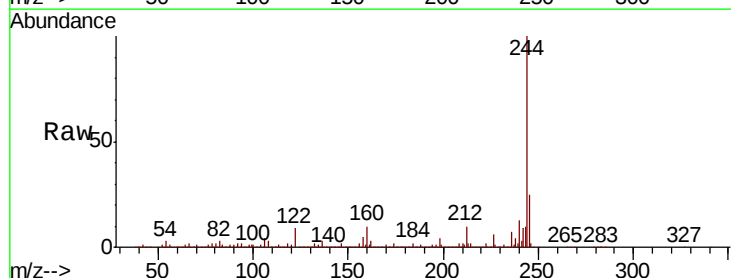
Tgt Ion:244 Resp: 2164629

Ion Ratio Lower Upper

244 100

212 10.0 7.4 11.0

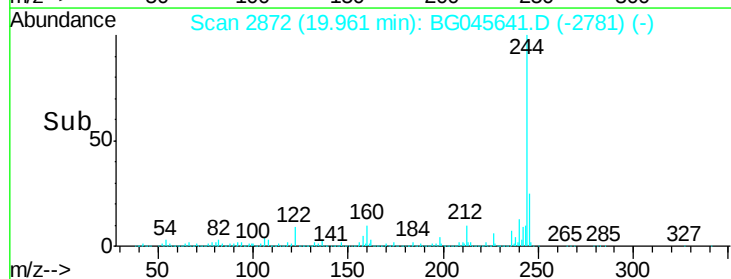
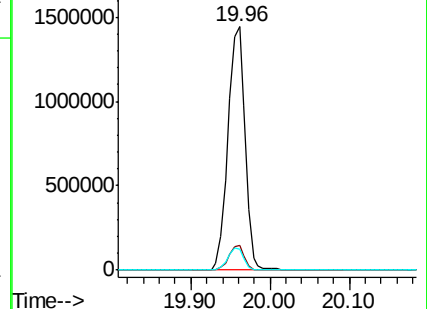
122 8.7 6.8 10.2

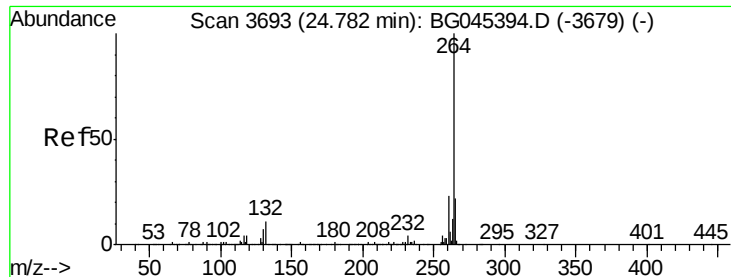


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.74 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG045641.D

Acq: 8 Jun 2020 13:36

Instrument :

BNA_G

ClientSampleId :

MW-3

Tot Ion:264 Resp: 447517

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.2	27.4
265	21.4	17.6	26.4

