

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061720\
 Data File : BG045790.D
 Acq On : 17 Jun 2020 14:42
 Operator : CG/JU
 Sample : L3020-01RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-22(16.5-18.5)RE

Quant Time: Jun 17 15:22:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

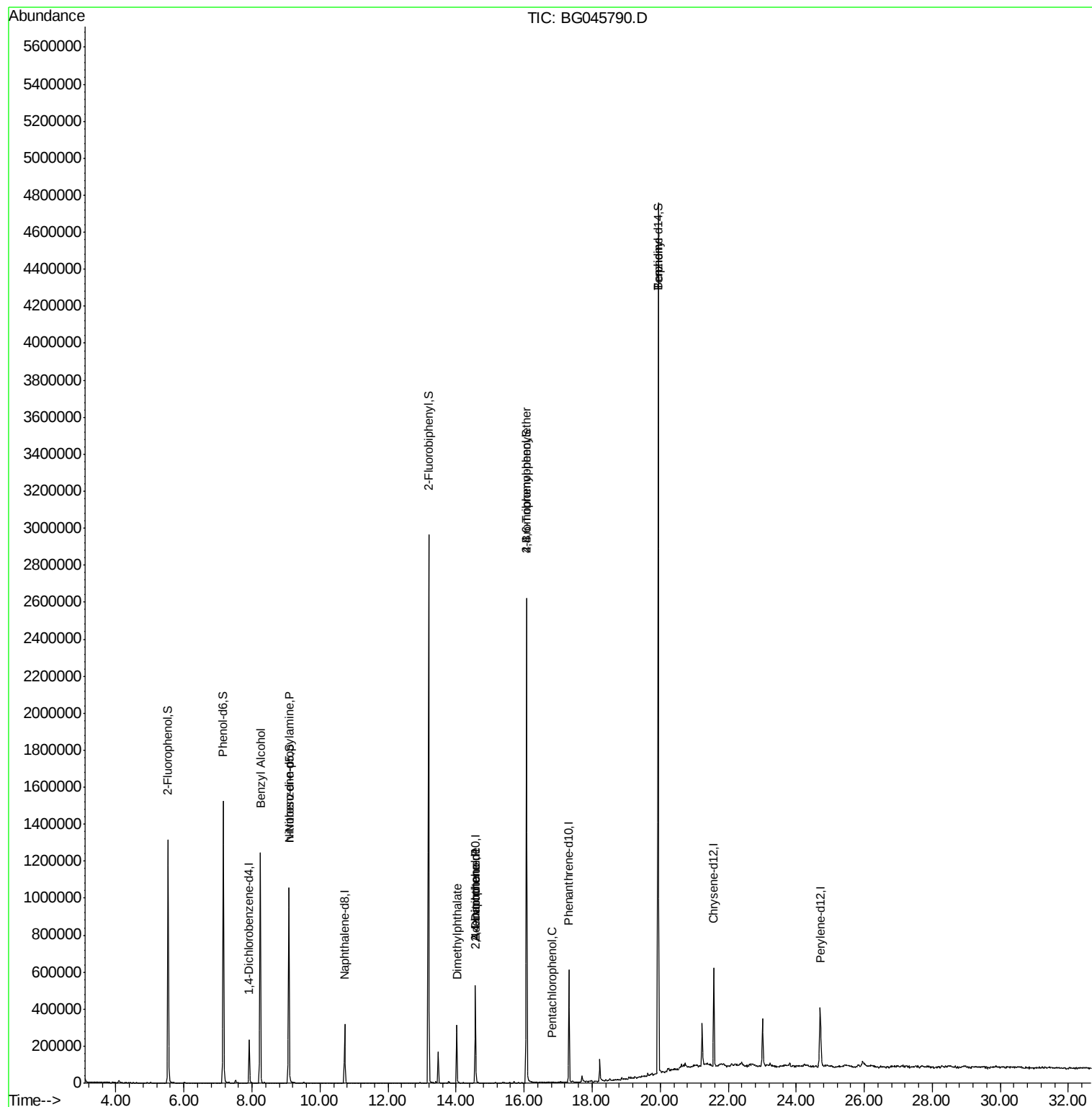
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	69559	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	279392	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	191707	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	401588	20.00	ng	0.00
76) Chrysene-d12	21.57	240	335243	20.00	ng	0.00
86) Perylene-d12	24.71	264	359312	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	623951	151.53	ng	0.00
7) Phenol-d6	7.16	99	965712	154.18	ng	0.00
23) Nitrobenzene-d5	9.09	82	715404	116.98	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	534310	184.61	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	1626988	124.72	ng	0.00
79) Terphenyl-d14	19.94	244	2142585	129.52	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.24	79	12225	2.522	ng	# 48
19) n-Nitroso-di-n-propylamine	9.09	70	100510	24.408	ng	# 80
50) Dimethylphthalate	14.02	163	207302	13.803	ng	# 99
54) 2,4-Dinitrophenol	14.58	184	61	9.854	ng	# 1
57) 2,4-Dinitrotoluene	14.57	165	23791	4.923	ng	# 23
67) 4-Bromophenyl-phenylether	16.07	248	37483	7.183	ng	# 1
70) Pentachlorophenol	16.82	266	83	7.661	ng	# 17
77) Benzidine	19.94	184	45944	5.272	ng	# 92

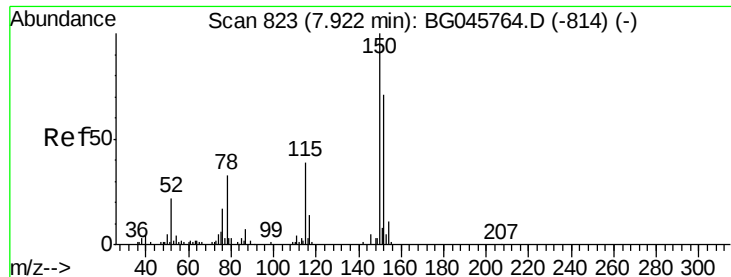
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061720\
Data File : BG045790.D
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Operator : CG/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)RE

Quant Time: Jun 17 15:22:28 2020
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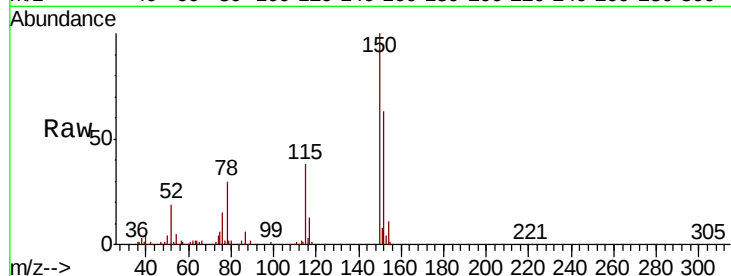


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	113.1	169.7
115	60.4	43.8	65.6

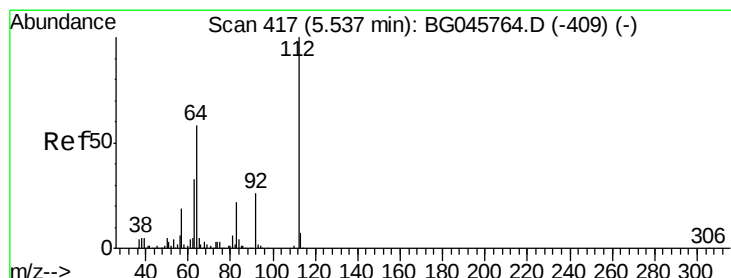
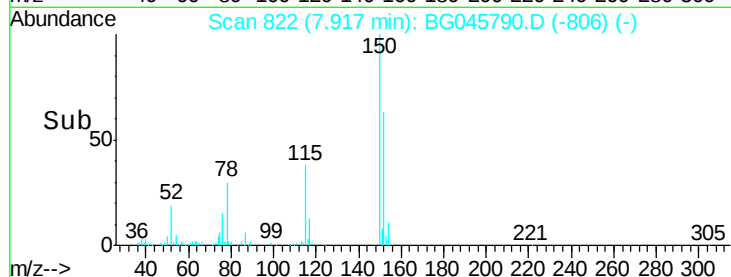
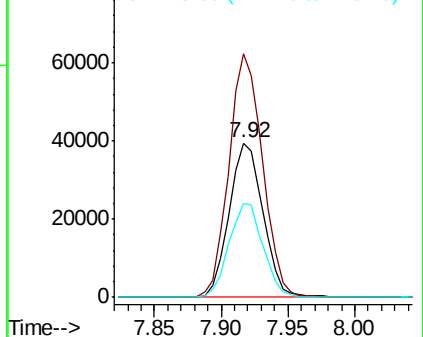


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

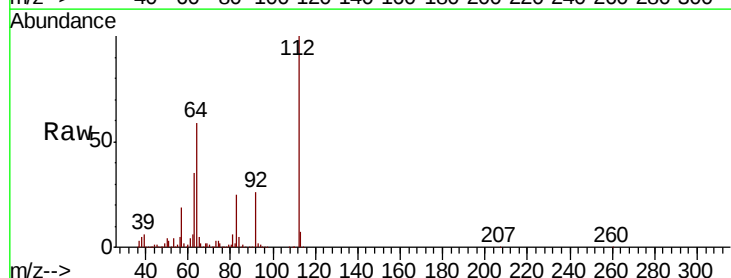
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 151.526 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	46.6	69.8
63	34.6	26.3	39.5

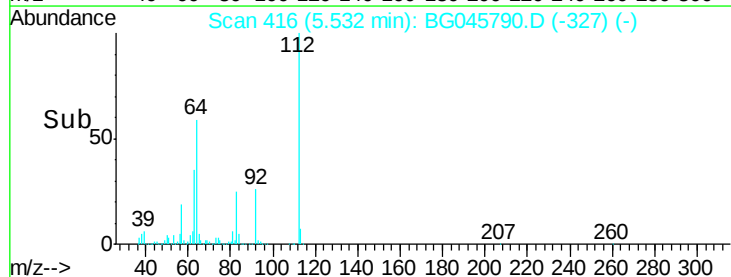
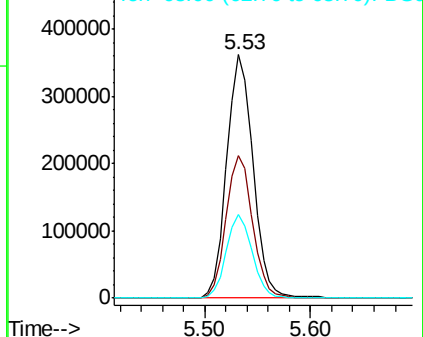


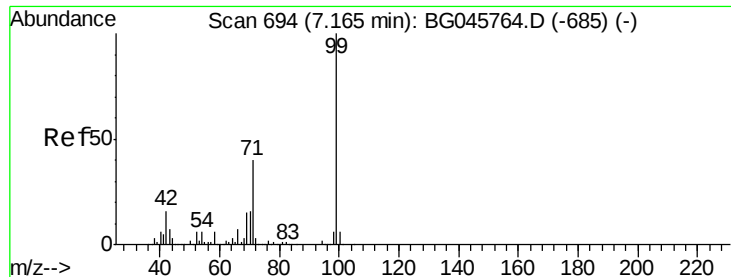
Abundance

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: 154.181 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045790.D

Acq: 17 Jun 2020 14:42

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)RE

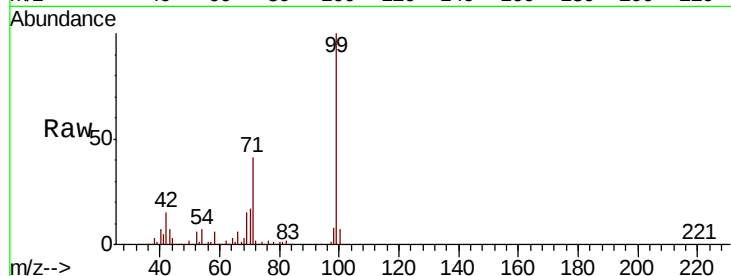
Tot Ion: 99 Resp: 965712

Ion Ratio Lower Upper

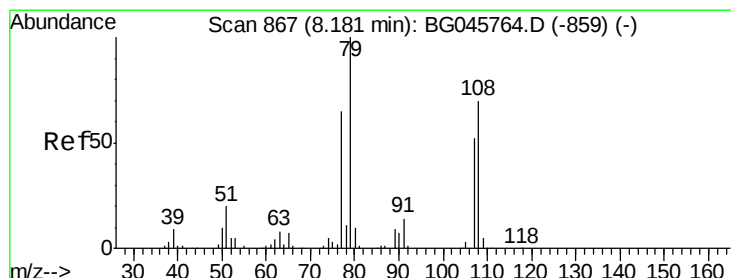
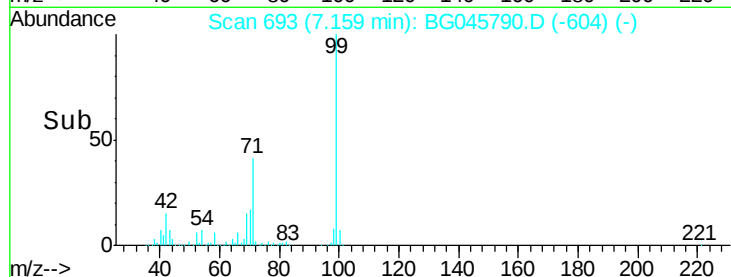
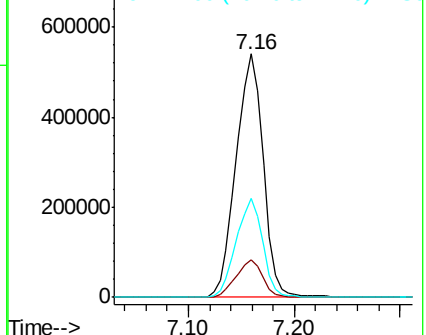
99 100

42 15.4 12.4 18.6

71 40.7 32.1 48.1



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: 2.522 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.06 min

Lab File: BG045790.D

Acq: 17 Jun 2020 14:42

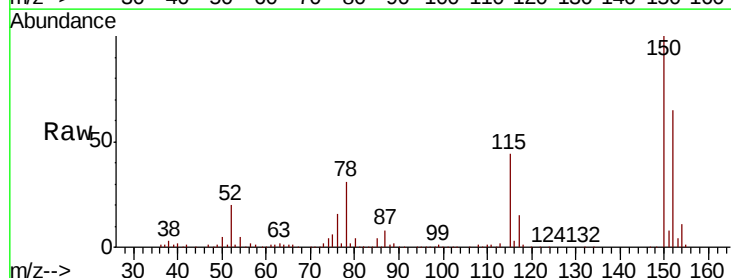
Tgt Ion: 79 Resp: 12225

Ion Ratio Lower Upper

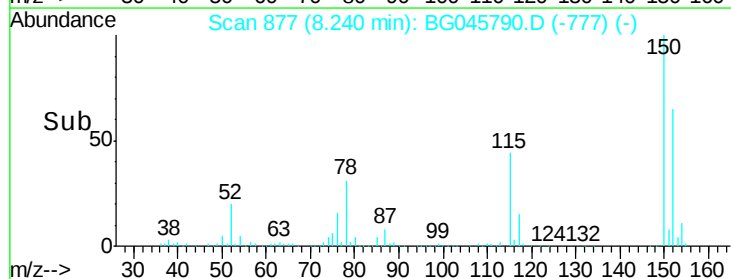
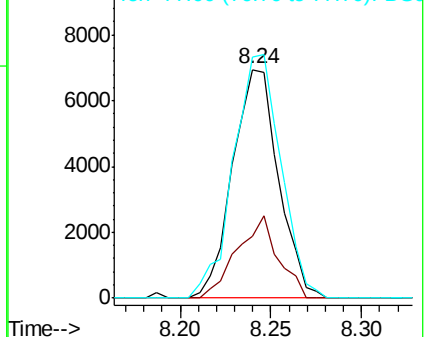
79 100

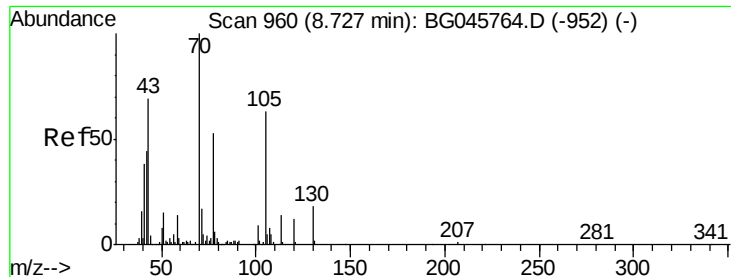
108 26.8 56.2 84.4#

77 105.4 52.2 78.2#



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

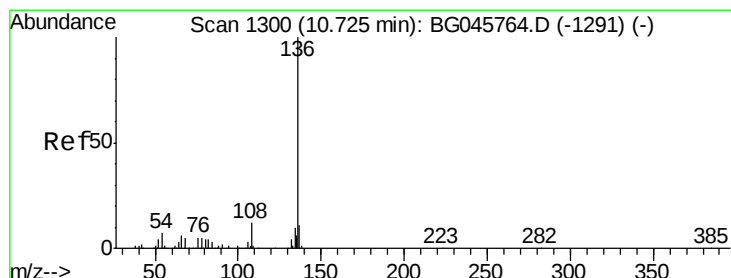
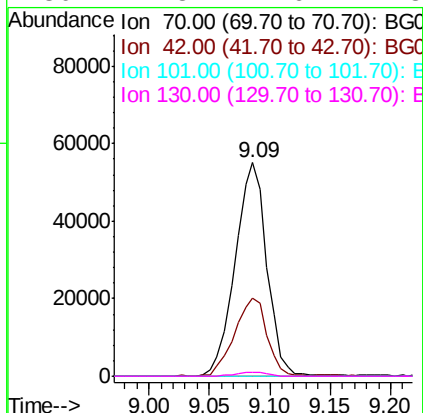
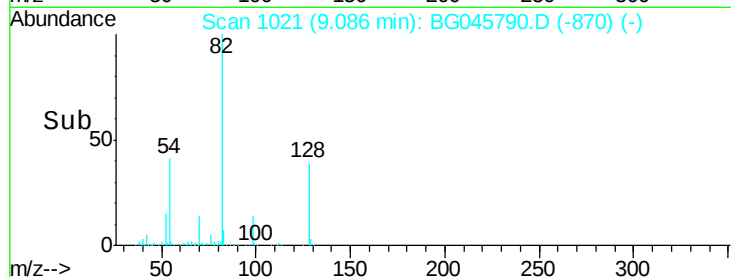
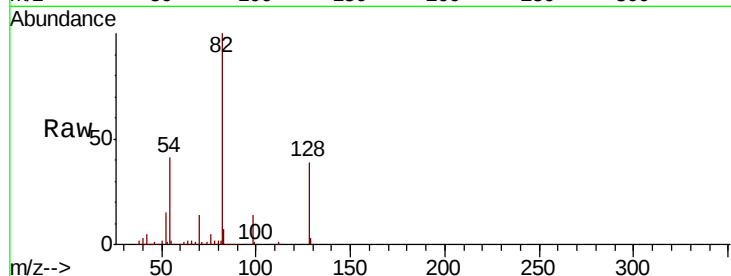




#19
n-Nitroso-di-n-propylamine
Concen: 24.408 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.36 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

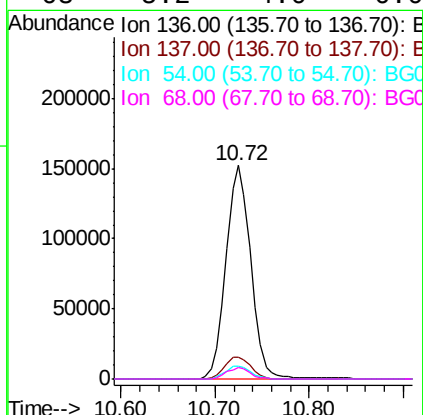
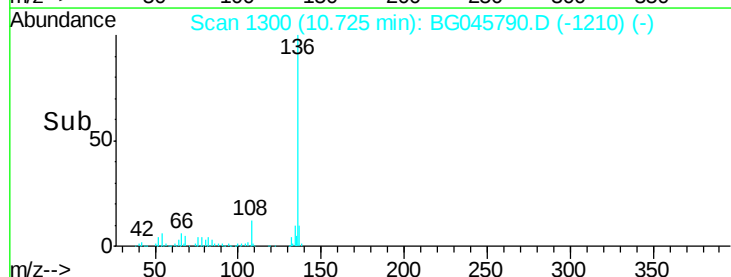
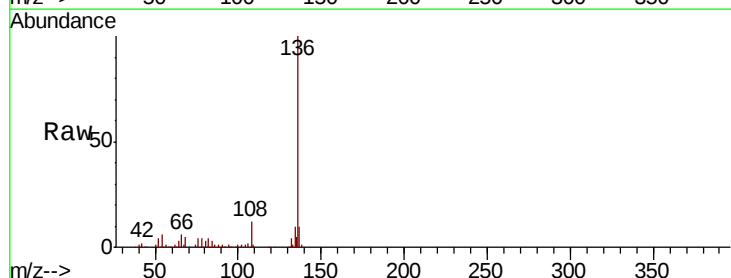
Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)RE

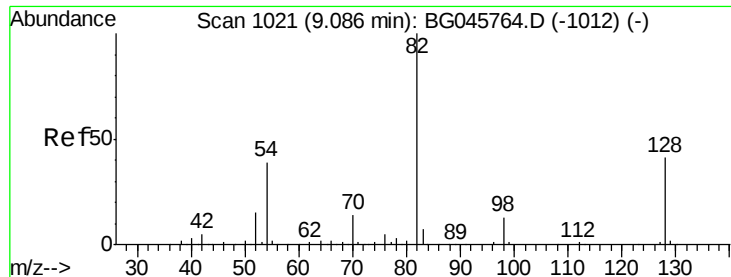
Tot Ion: 70 Resp: 100510
Ion Ratio Lower Upper
70 100
42 36.7 35.1 52.7
101 0.0 7.4 11.0#
130 1.8 14.6 21.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Tgt Ion: 136 Resp: 279392
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 6.3 5.8 8.6
68 5.2 4.0 6.0

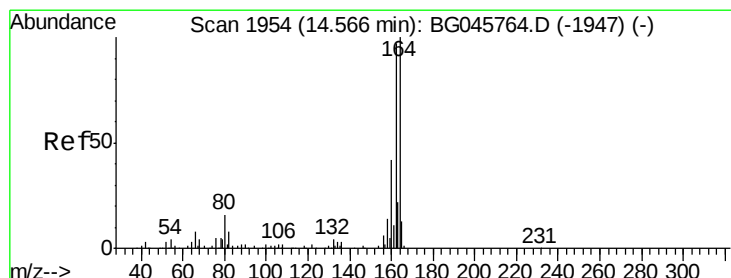
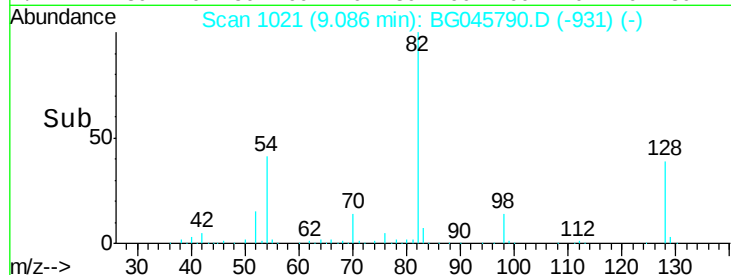
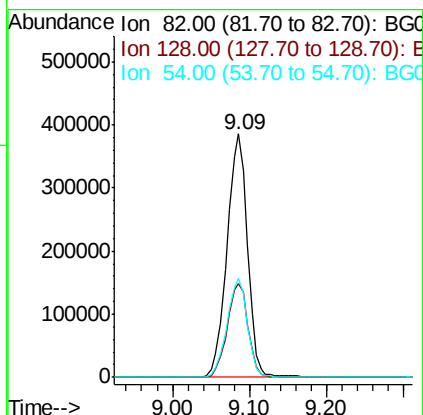
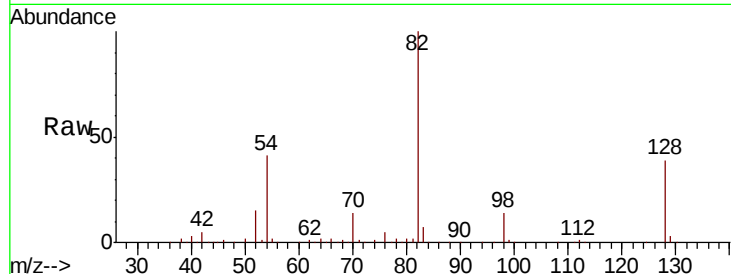




#23
Nitrobenzene-d5
Concen: 116.976 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

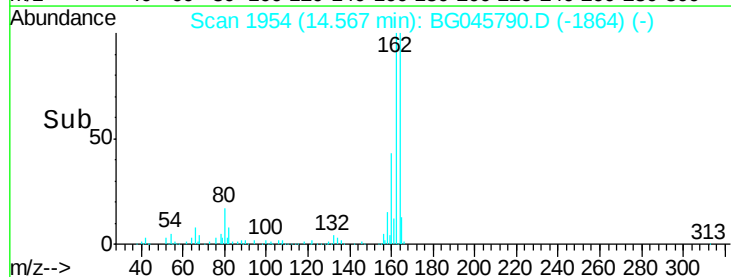
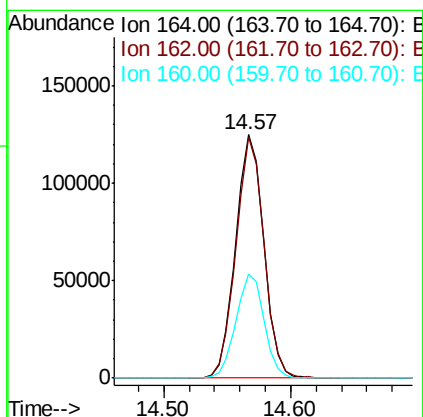
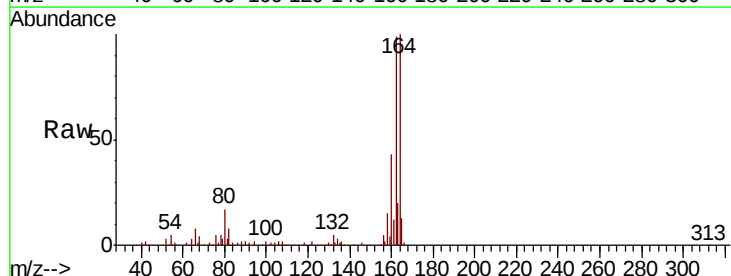
Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)RE

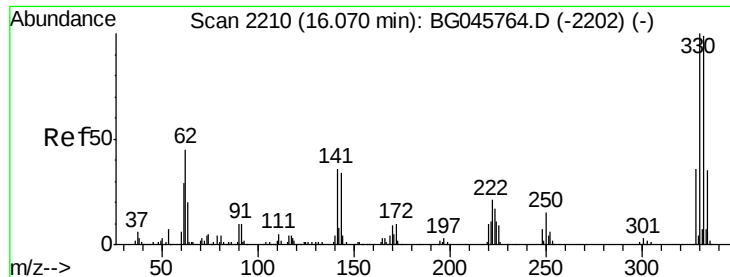
Tot Ion	82	Resp	715404
Ion Ratio	100	Lower	Upper
128	38.7	32.5	48.7
54	40.6	31.2	46.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Tgt Ion	164	Resp	191707
Ion Ratio	100	Lower	Upper
162	99.0	77.4	116.0
160	42.5	33.3	49.9

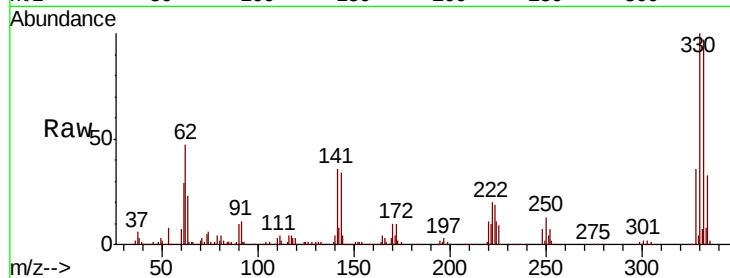




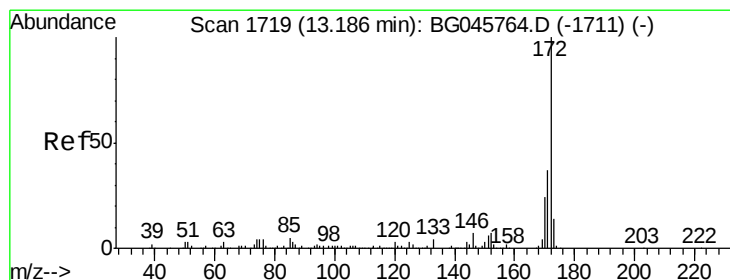
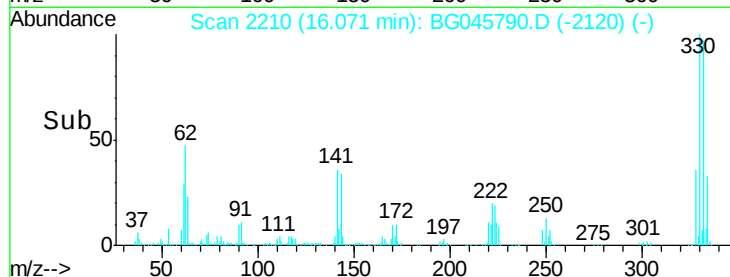
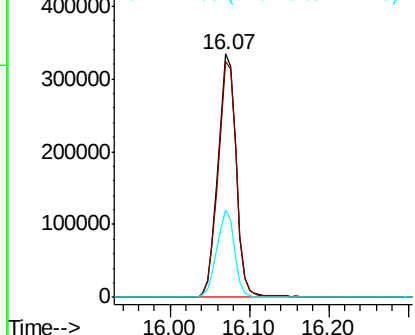
#42
 2,4,6-Tribromophenol
 Concen: 184.609 ng
 RT: 16.07 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: BG045790.D
 Acq: 17 Jun 2020 14:42

Instrument :
 BNA_G
 ClientSampleId :
 MW-22(16.5-18.5)RE

Tot Ion:330 Resp: 534310
 Ion Ratio Lower Upper
 330 100
 332 97.9 78.6 117.8
 141 34.8 28.2 42.4

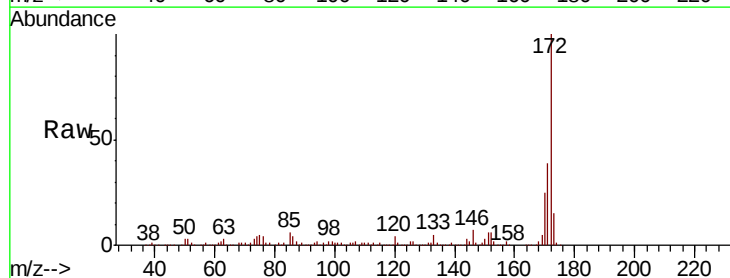


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

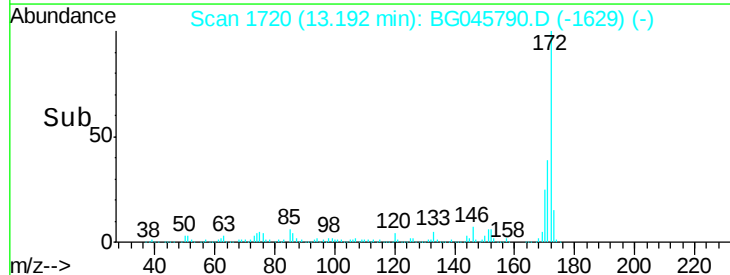
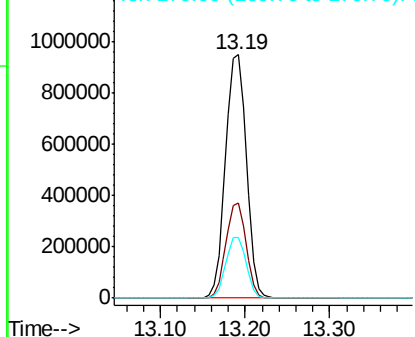


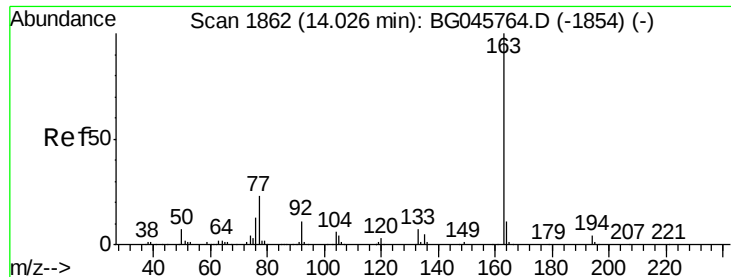
#45
 2-Fluorobiphenyl
 Concen: 124.719 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. 0.01 min
 Lab File: BG045790.D
 Acq: 17 Jun 2020 14:42

Tgt Ion:172 Resp: 1626988
 Ion Ratio Lower Upper
 172 100
 171 39.0 29.9 44.9
 170 25.1 19.3 28.9



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: 13.803 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BG045790.D

Acq: 17 Jun 2020 14:42

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)RE

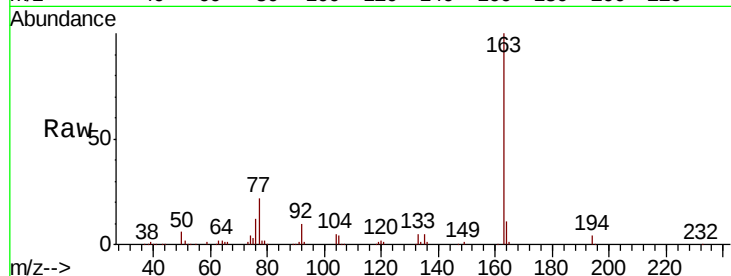
Tot Ion:163 Resp: 207302

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

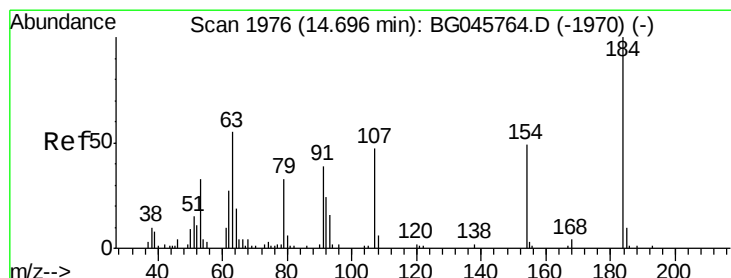
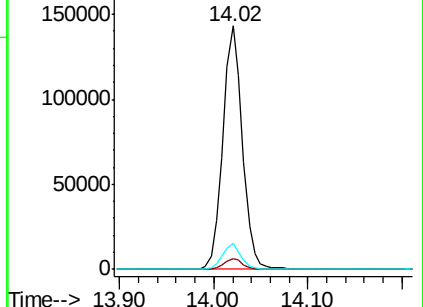
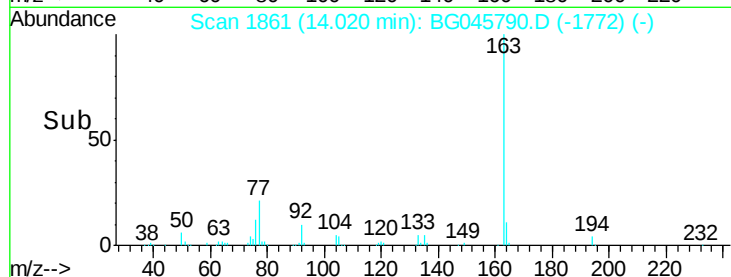
164 10.5 8.9 13.3



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: 9.854 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.12 min

Lab File: BG045790.D

Acq: 17 Jun 2020 14:42

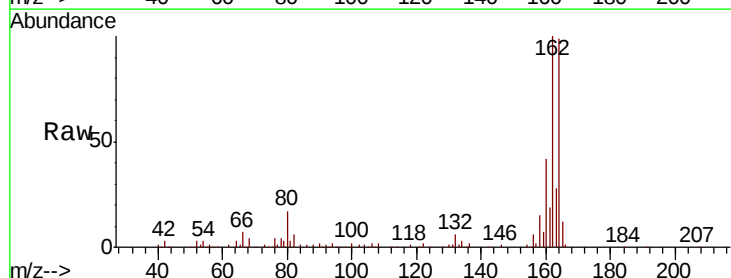
Tgt Ion:184 Resp: 61

Ion Ratio Lower Upper

184 100

63 0.0 46.6 70.0#

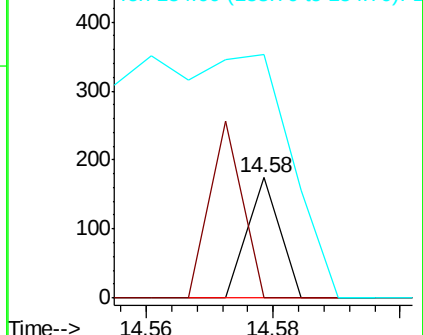
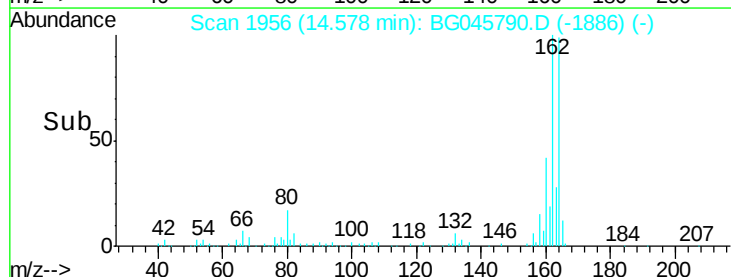
154 202.9 58.6 87.8#

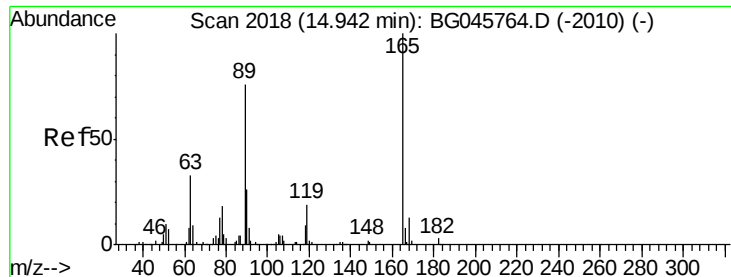


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

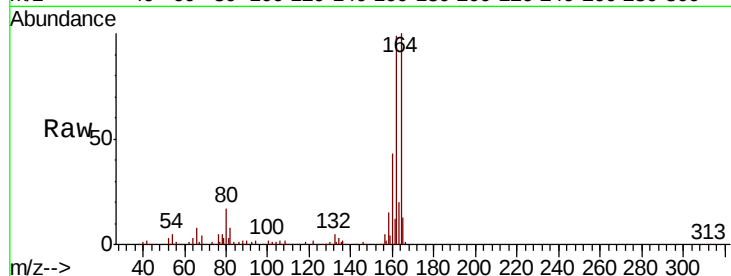




#57
 2,4-Dinitrotoluene
 Concen: 4.923 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. -0.38 min
 Lab File: BG045790.D
 Acq: 17 Jun 2020 14:42

Instrument :
 BNA_G
 ClientSampleId :
 MW-22(16.5-18.5)RE

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.8#
89	2.7	60.4	90.6#
182	0.0	2.6	3.8#



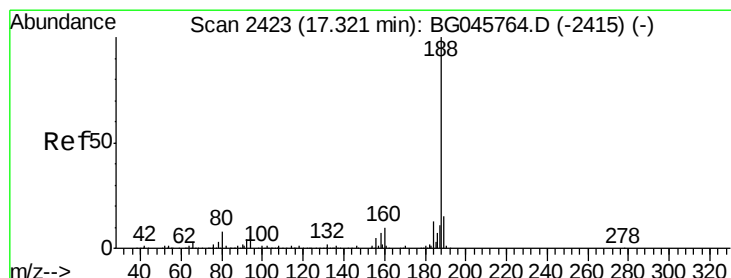
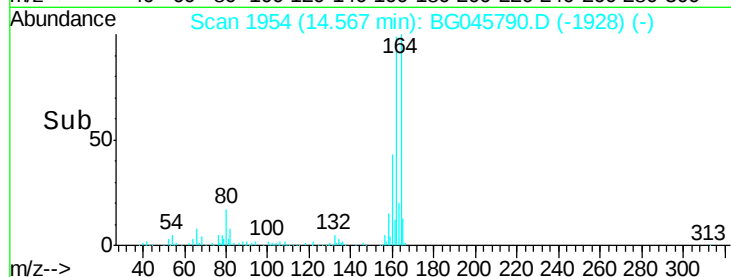
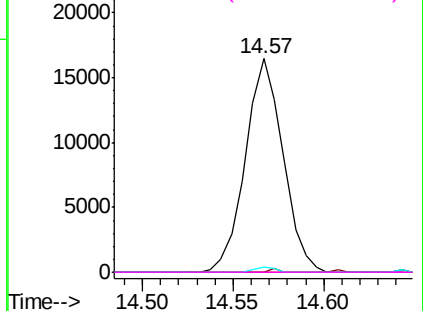
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

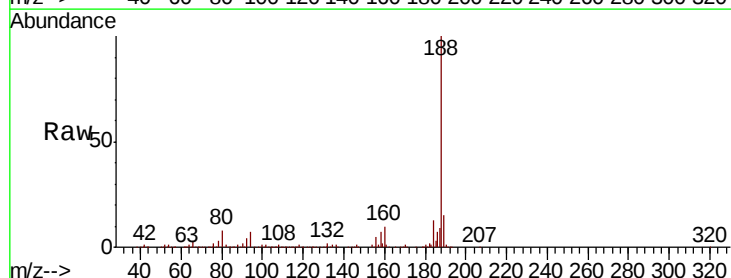
Ion 89.00 (88.70 to 89.70): BGC

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: BG045790.D
 Acq: 17 Jun 2020 14:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.1	7.7
80	8.1	6.2	9.4

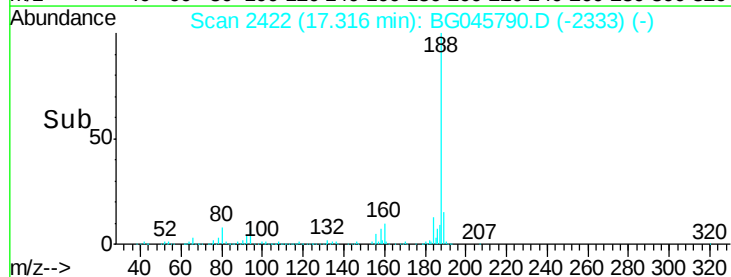
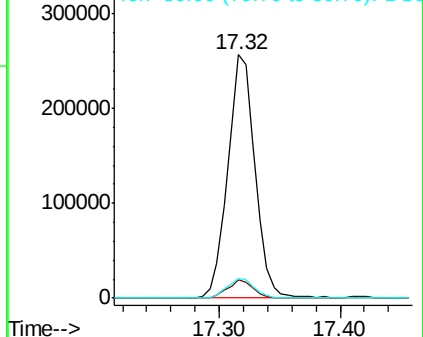


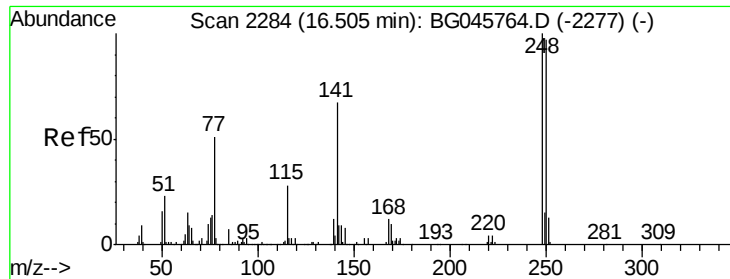
Abundance

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

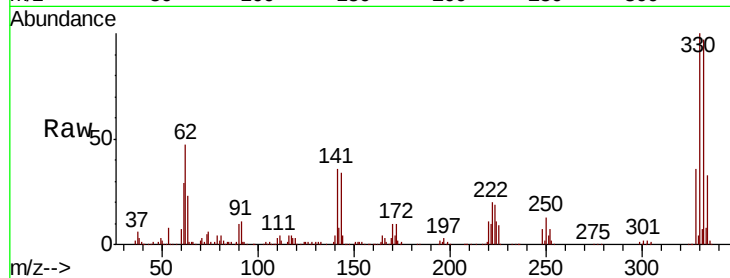




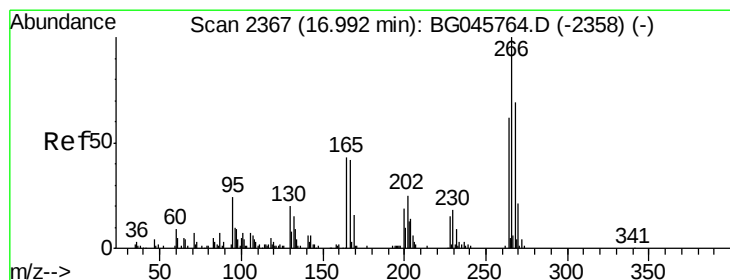
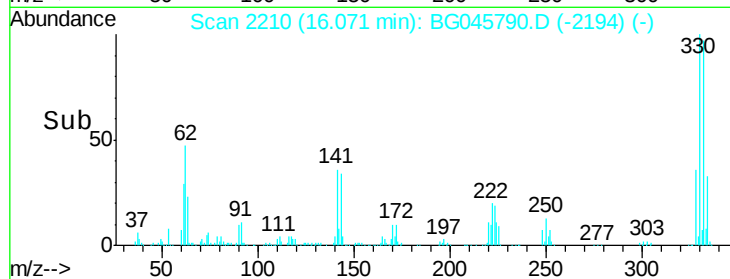
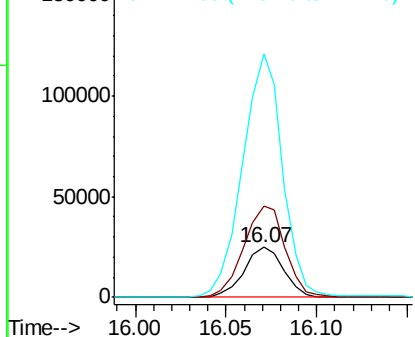
#67
4-Bromophenyl-phenylether
Concen: 7.183 ng
RT: 16.07 min Scan# 2210
Delta R.T. -0.43 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)RE

Tot Ion:248 Resp: 37483
Ion Ratio Lower Upper
248 100
250 180.9 78.0 117.0#
141 484.9 53.9 80.9#

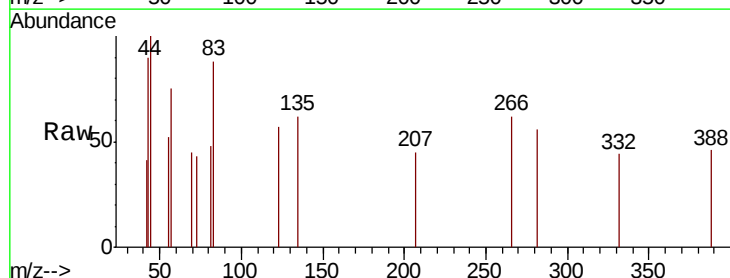


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

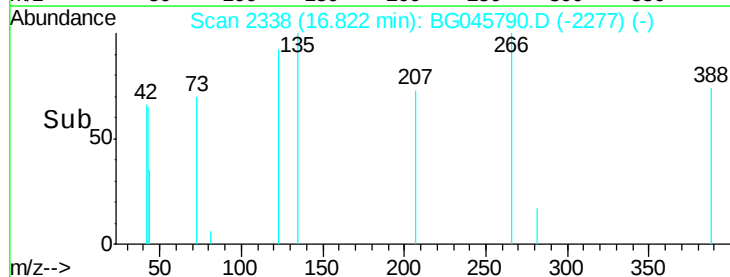
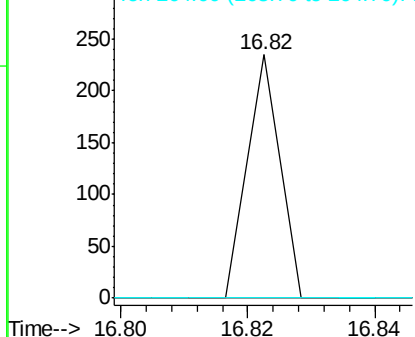


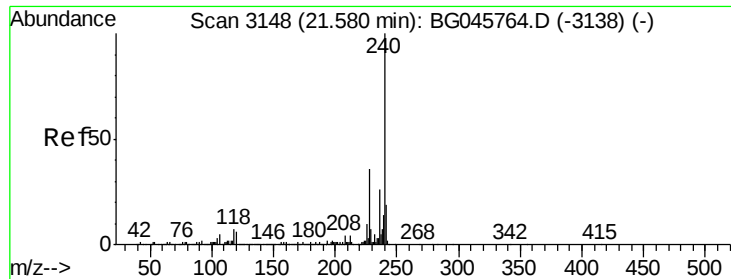
#70
Pentachlorophenol
Concen: 7.661 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.17 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Tgt Ion:266 Resp: 83
Ion Ratio Lower Upper
266 100
268 0.0 55.4 83.0#
264 0.0 49.8 74.6#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG045790.D

Acq: 17 Jun 2020 14:42

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)RE

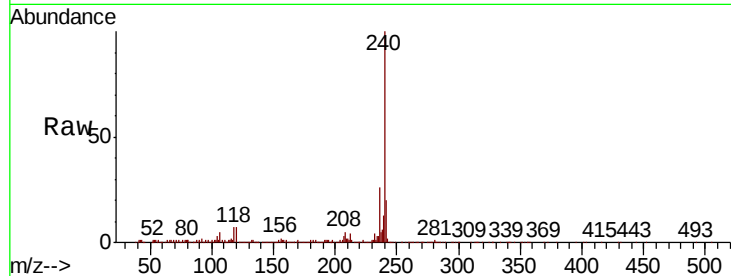
Tot Ion:240 Resp: 335243

Ion Ratio Lower Upper

240 100

120 7.2 5.0 7.4

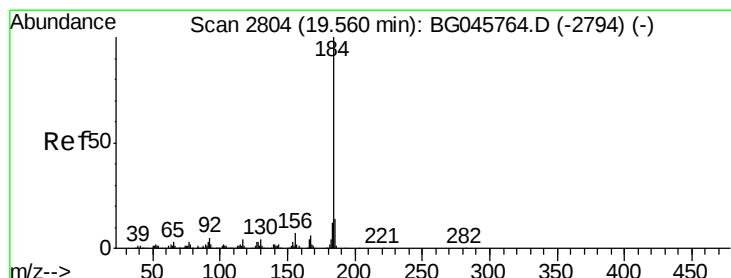
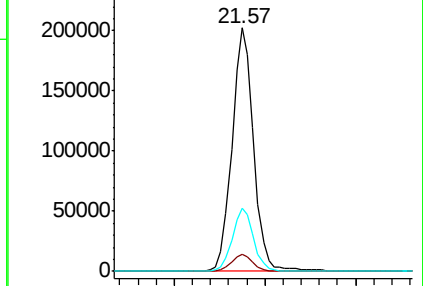
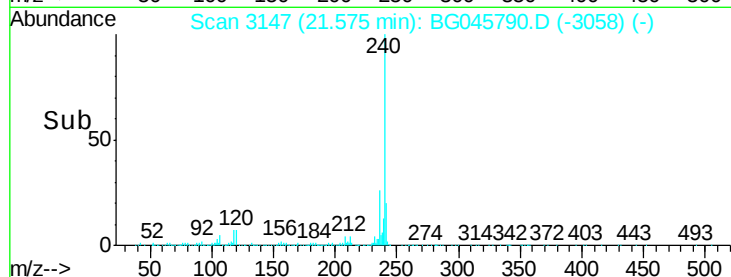
236 26.1 20.6 30.8



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: 5.272 ng

RT: 19.94 min Scan# 2869

Delta R.T. 0.38 min

Lab File: BG045790.D

Acq: 17 Jun 2020 14:42

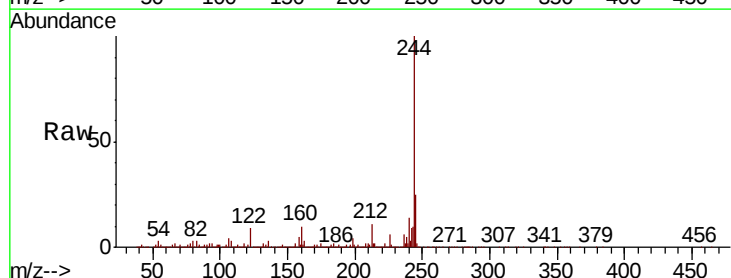
Tgt Ion:184 Resp: 45944

Ion Ratio Lower Upper

184 100

185 16.7 11.1 16.7#

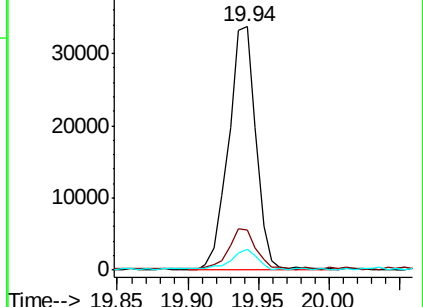
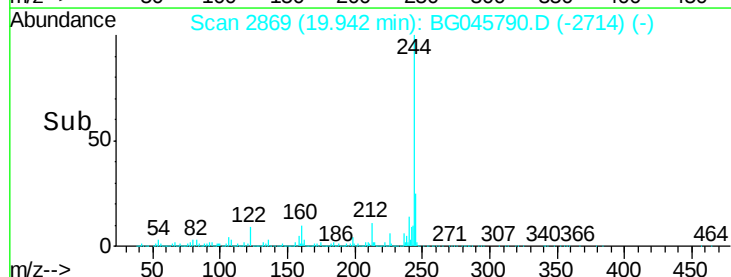
183 8.7 9.7 14.5#

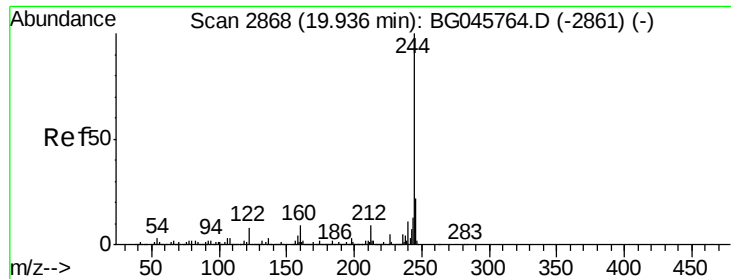


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 129.523 ng

RT: 19.94 min Scan# 2869

Delta R.T. 0.01 min

Lab File: BG045790.D

Acq: 17 Jun 2020 14:42

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)RE

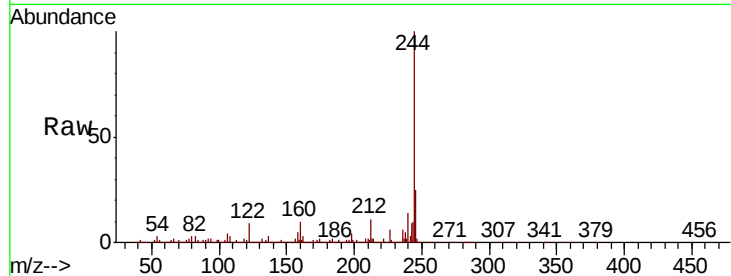
Tot Ion:244 Resp: 2142585

Ion Ratio Lower Upper

244 100

212 10.6 7.2 10.8

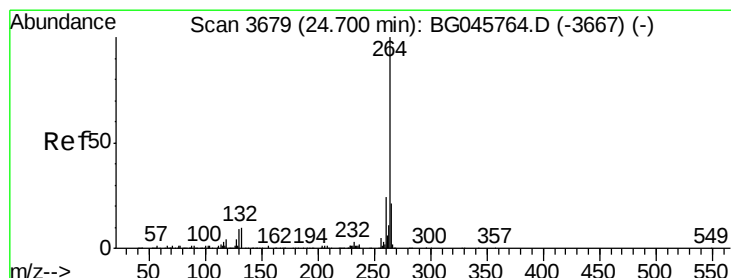
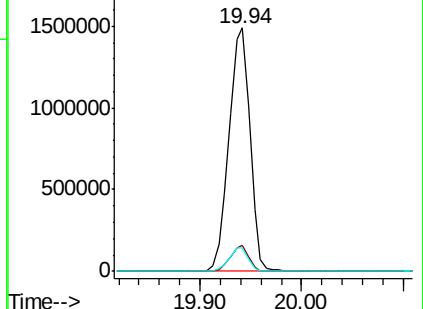
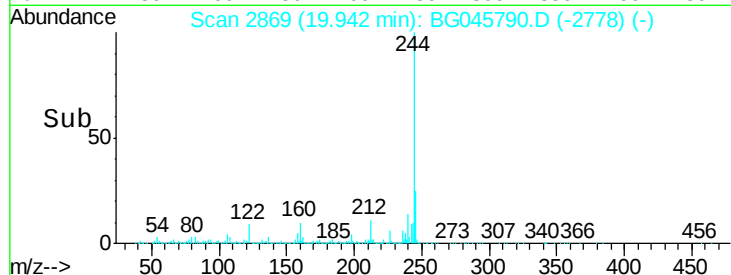
122 9.4 6.4 9.6



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: 24.71 min Scan# 3680

Delta R.T. 0.01 min

Lab File: BG045790.D

Acq: 17 Jun 2020 14:42

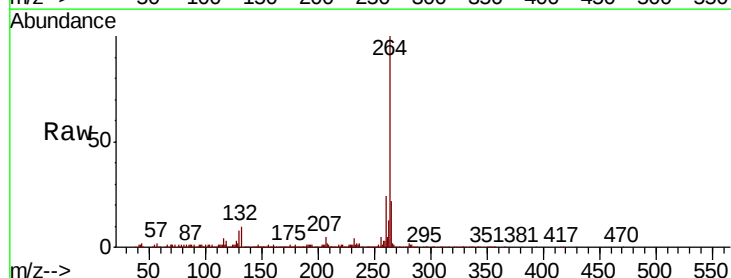
Tgt Ion:264 Resp: 359312

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 21.6 17.4 26.0



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

