

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060220\
 Data File : BG045573.D
 Acq On : 2 Jun 2020 11:34
 Operator : CG/JU
 Sample : PB129213BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 02 12:48:04 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

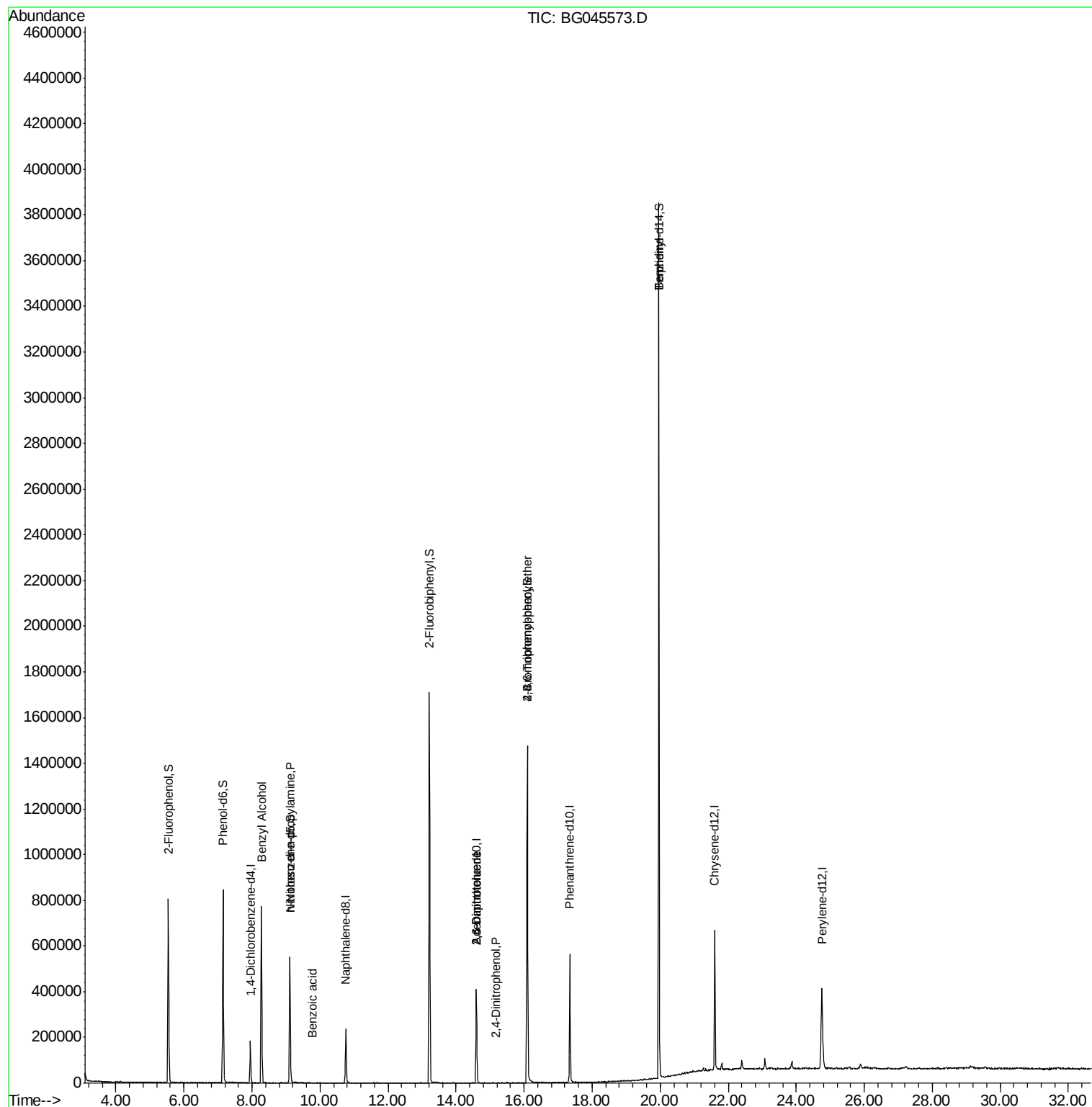
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	54481	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	212465	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	156031	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	382711	20.00	ng	0.00
76) Chrysene-d12	21.60	240	392630	20.00	ng	0.00
87) Perylene-d12	24.75	264	412234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	399015	143.13	ng	0.00
7) Phenol-d6	7.15	99	567158	142.94	ng	0.00
23) Nitrobenzene-d5	9.12	82	395229	101.44	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	324001	162.37	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	933852	101.52	ng	0.00
79) Terphenyl-d14	19.96	244	1854846	110.18	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.28	79	7228	2.205	ng	# 67
19) n-Nitroso-di-n-propylamine	9.12	70	54301	19.790	ng	# 77
32) Benzoic acid	9.79	122	55	10.047	ng	# 1
51) 2,6-Dinitrotoluene	14.60	165	19704	8.158	ng	# 23
54) 2,4-Dinitrophenol	15.17	184	63	5.496	ng	# 17
57) 2,4-Dinitrotoluene	14.60	165	19704	5.633	ng	# 23
67) 4-Bromophenyl-phenylether	16.09	248	22170	5.350	ng	# 1
77) Benzidine	19.96	184	37040	3.359	ng	# 88

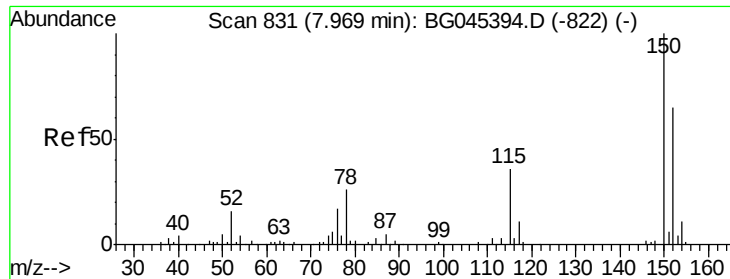
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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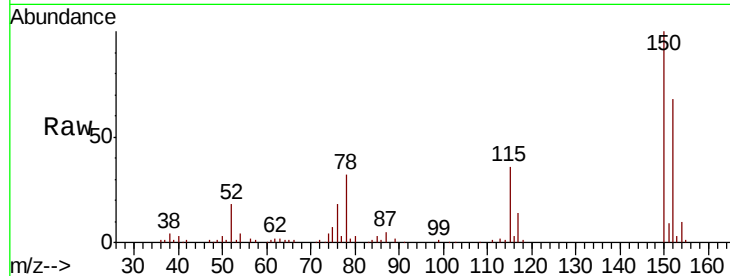


#1

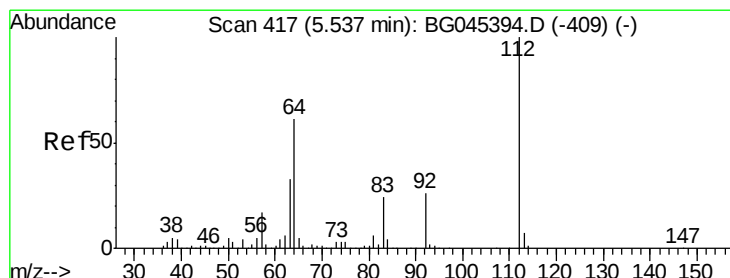
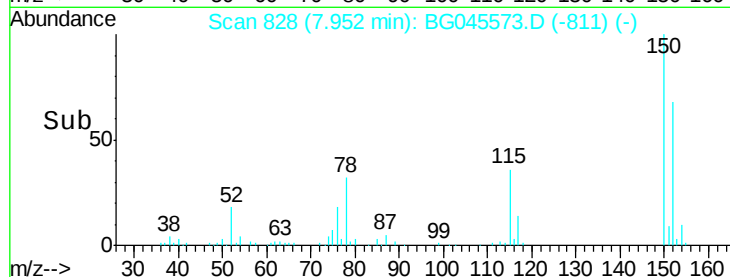
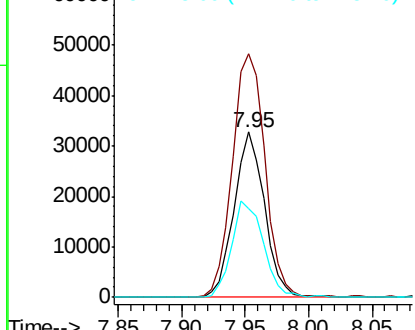
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045573.D
Acq: 2 Jun 2020 11:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 54481
Ion Ratio Lower Upper
152 100
150 147.5 122.4 183.6
115 53.8 44.2 66.4



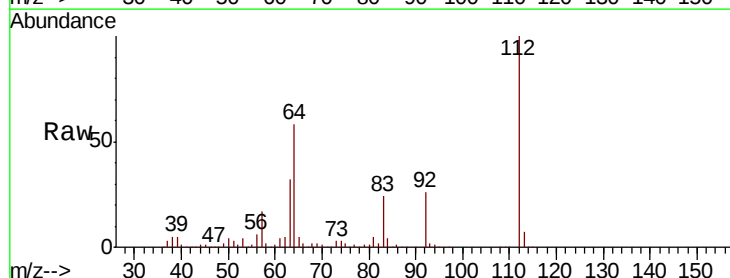
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



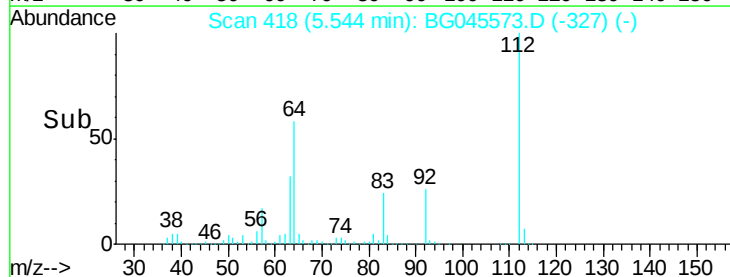
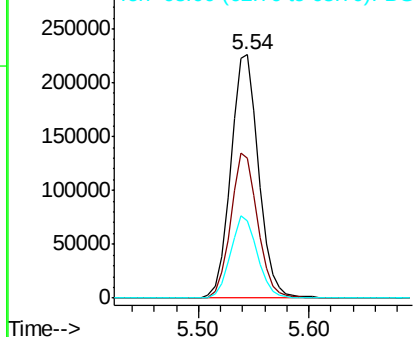
#5

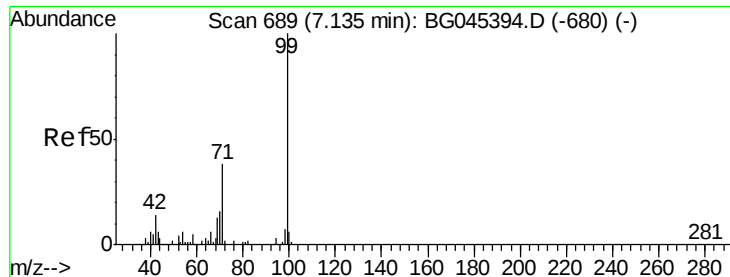
2-Fluorophenol
Concen: 143.131 ng
RT: 5.54 min Scan# 418
Delta R.T. 0.01 min
Lab File: BG045573.D
Acq: 2 Jun 2020 11:34

Tgt Ion:112 Resp: 399015
Ion Ratio Lower Upper
112 100
64 57.7 48.6 72.8
63 32.0 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 142.940 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045573.D

Acq: 2 Jun 2020 11:34

Instrument :

BNA_G

ClientSampleId :

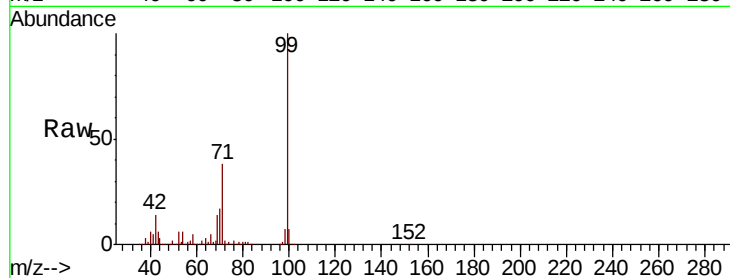
Tot Ion: 99 Resp: 567158

Ion Ratio Lower Upper

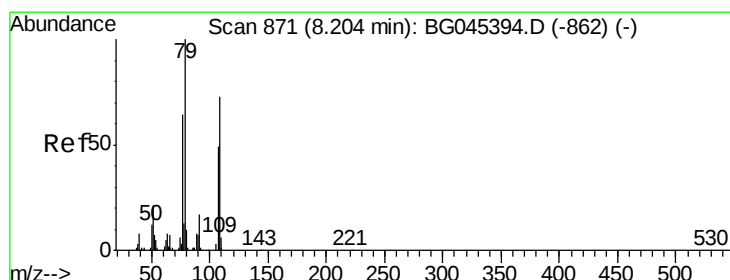
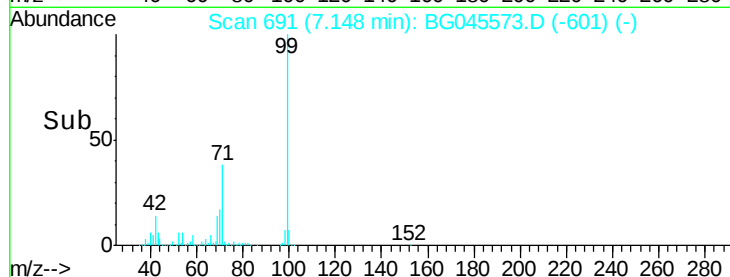
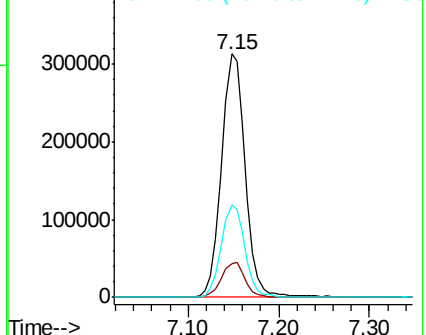
99 100

42 13.7 11.3 16.9

71 38.3 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: 2.205 ng

RT: 8.28 min Scan# 883

Delta R.T. 0.08 min

Lab File: BG045573.D

Acq: 2 Jun 2020 11:34

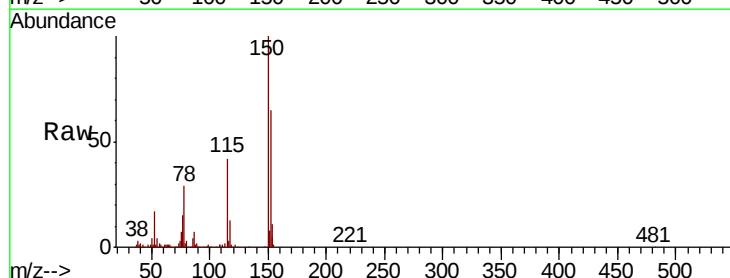
Tgt Ion: 79 Resp: 7228

Ion Ratio Lower Upper

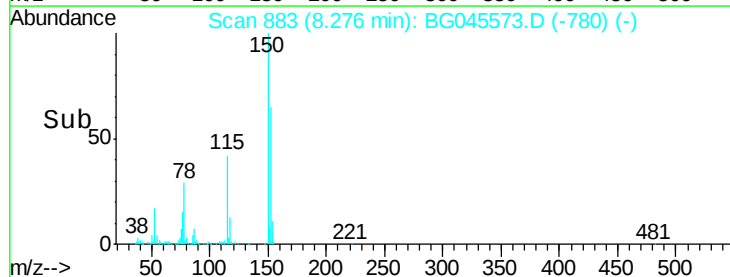
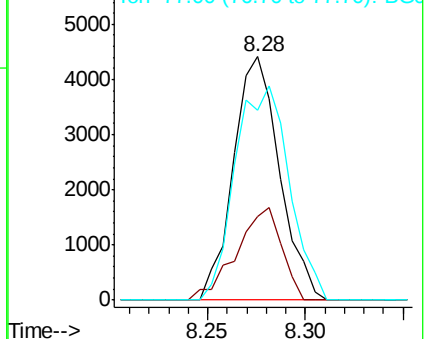
79 100

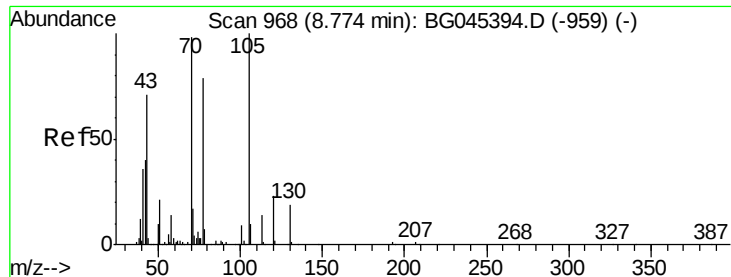
108 34.1 58.2 87.4#

77 77.8 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

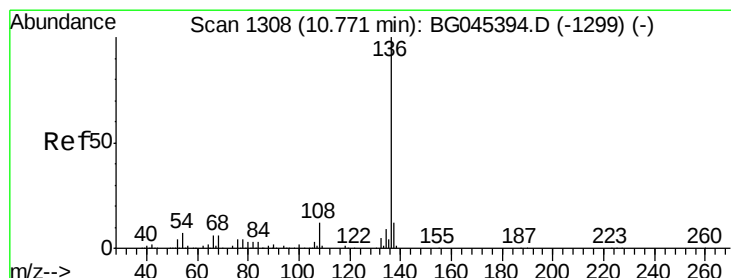
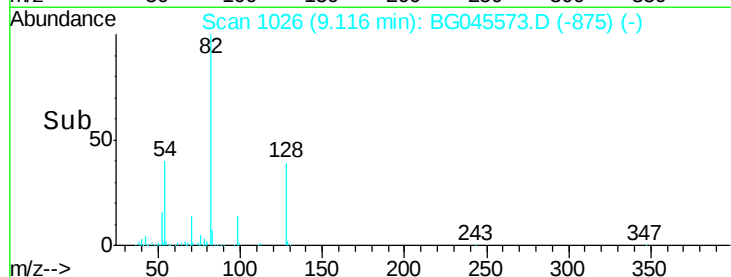
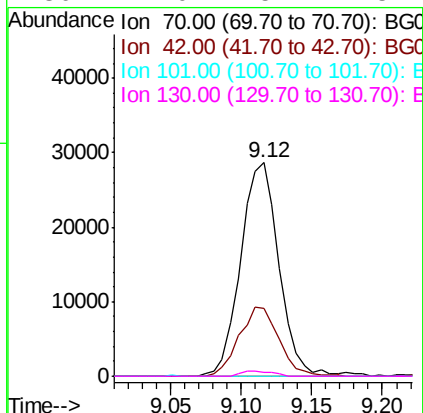
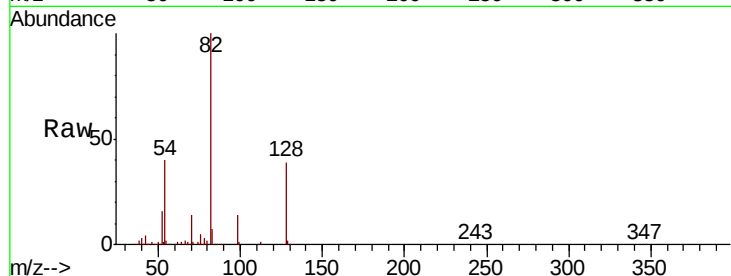




#19
n-Nitroso-di-n-propylamine
Concen: 19.790 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.36 min
Lab File: BG045573.D
Acq: 2 Jun 2020 11:34

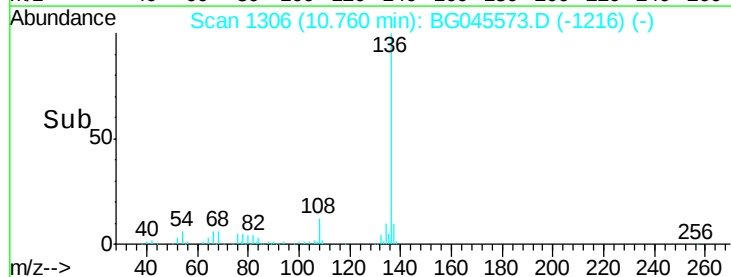
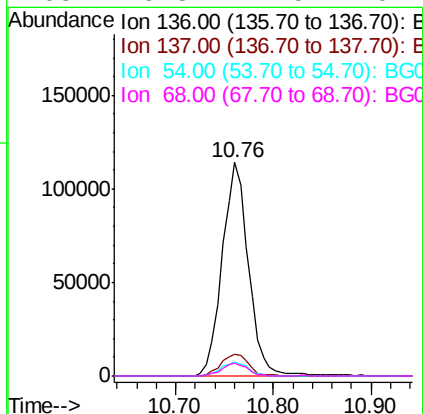
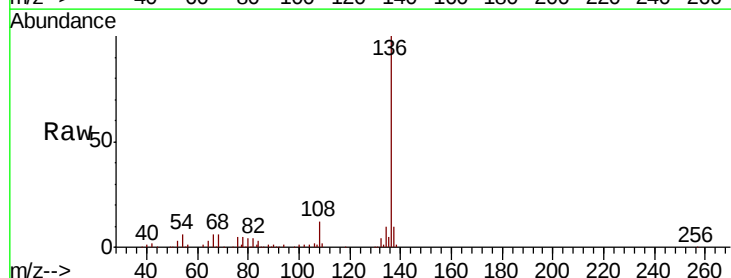
Instrument :
BNA_G
ClientSampleId :

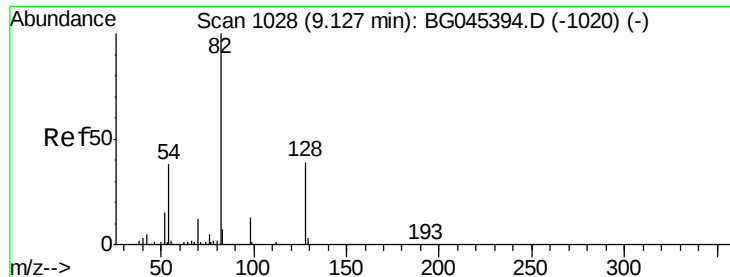
Tot Ion: 70 Resp: 54301
Ion Ratio Lower Upper
70 100
42 31.7 33.2 49.8#
101 0.0 7.8 11.6#
130 2.0 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BG045573.D
Acq: 2 Jun 2020 11:34

Tgt Ion: 136 Resp: 212465
Ion Ratio Lower Upper
136 100
137 10.0 9.4 14.2
54 6.3 5.8 8.6
68 5.8 4.5 6.7

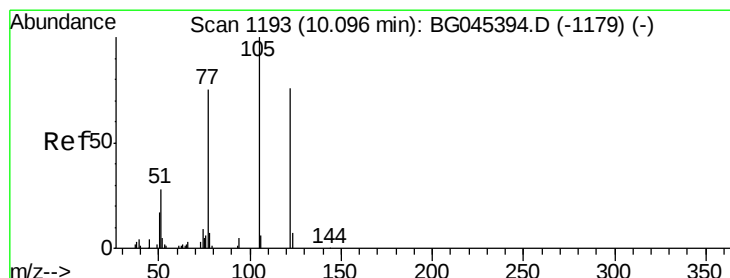
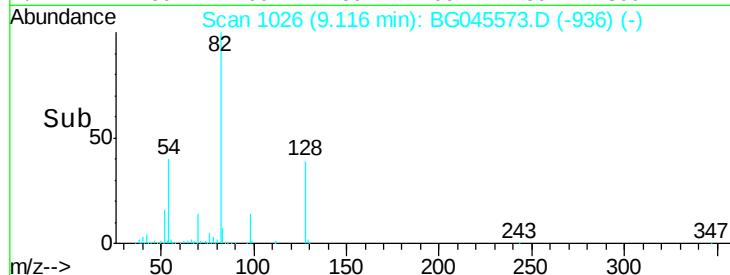
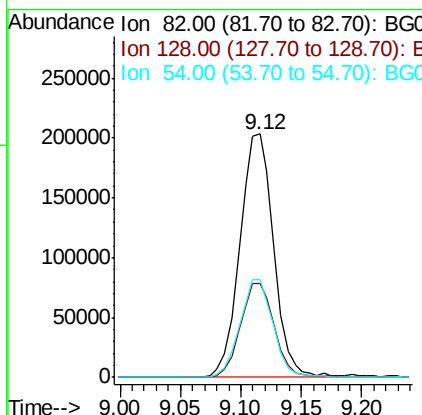
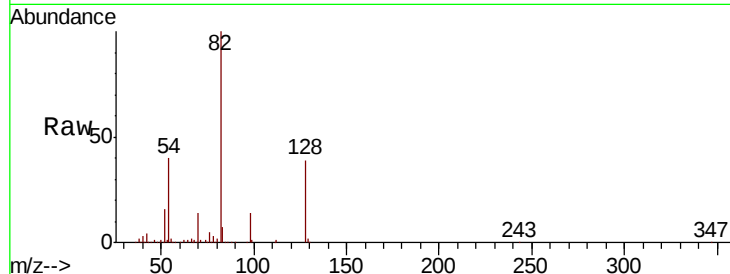




#23
Nitrobenzene-d5
Concen: 101.440 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG045573.D
Acq: 2 Jun 2020 11:34

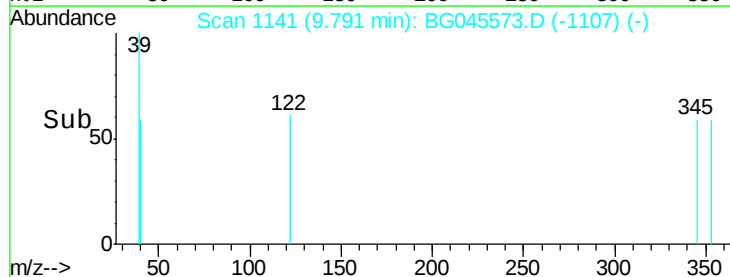
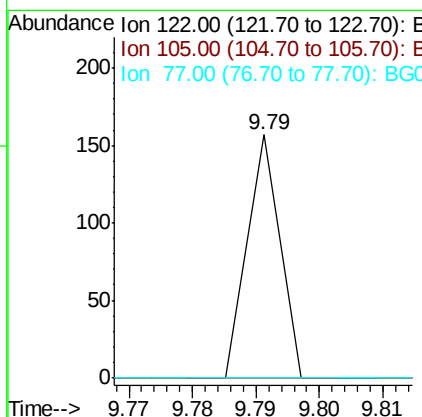
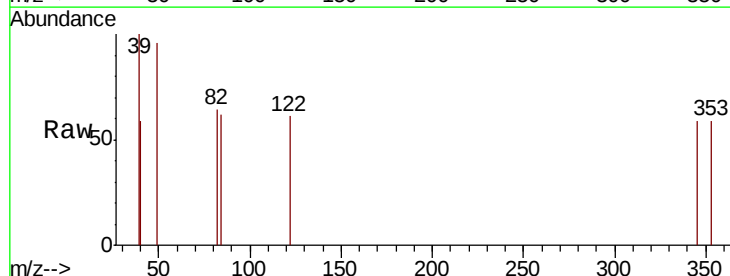
Instrument :
BNA_G
ClientSampleId :

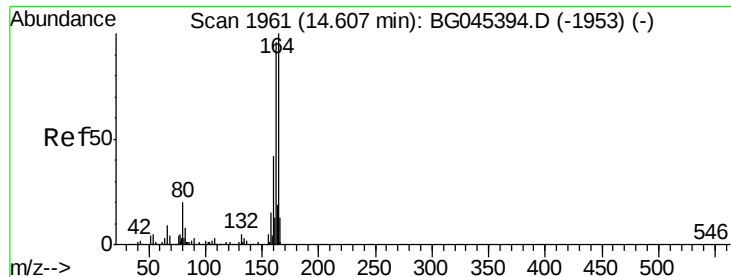
Tot Ion	82.00	Resp	395229
Ion Ratio	Lower	Upper	
82	100		
128	38.6	30.9	46.3
54	40.3	30.3	45.5



#32
Benzoic acid
Concen: 10.047 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.33 min
Lab File: BG045573.D
Acq: 2 Jun 2020 11:34

Tgt Ion	122	Resp	55
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: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045573.D

Acq: 2 Jun 2020 11:34

Instrument :

BNA_G

ClientSampleId :

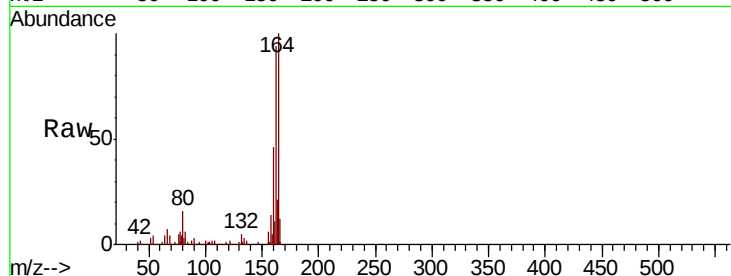
Tot Ion:164 Resp: 156031

Ion Ratio Lower Upper

164 100

162 93.6 76.9 115.3

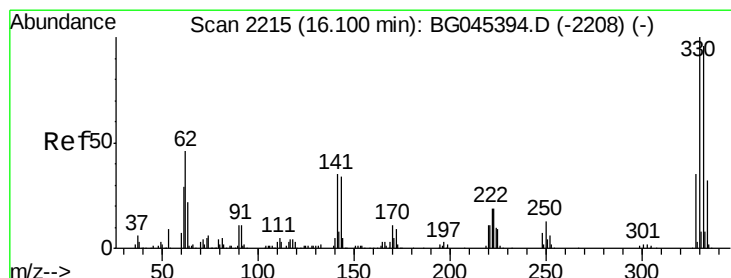
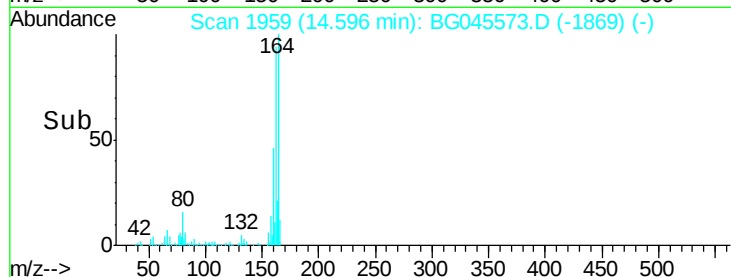
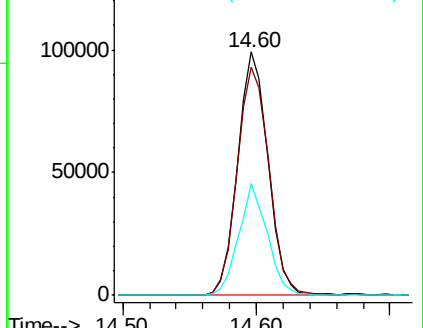
160 45.8 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 162.369 ng

RT: 16.09 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG045573.D

Acq: 2 Jun 2020 11:34

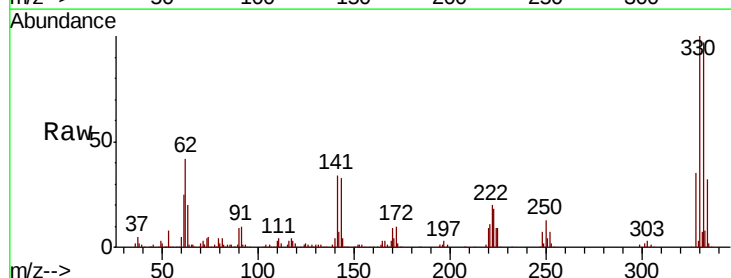
Tgt Ion:330 Resp: 324001

Ion Ratio Lower Upper

330 100

332 96.8 78.2 117.4

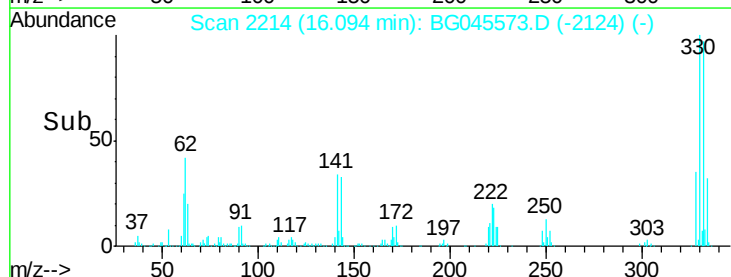
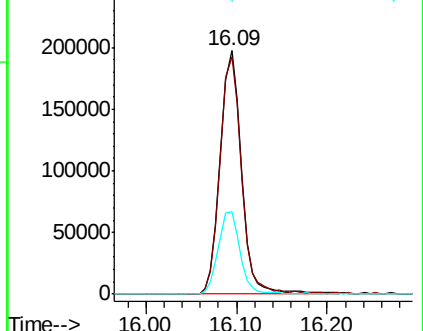
141 34.6 28.2 42.4

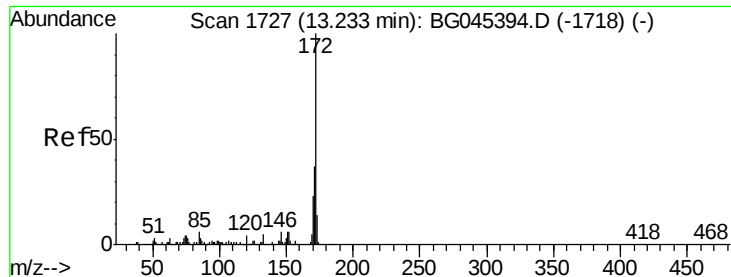


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

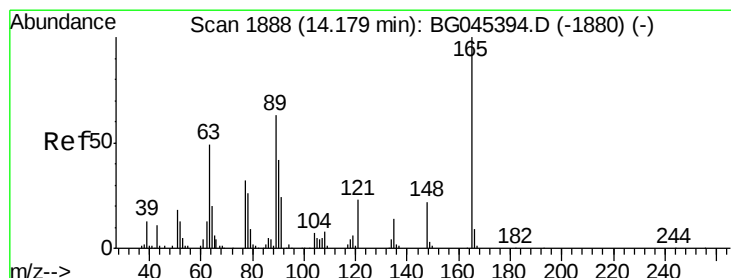
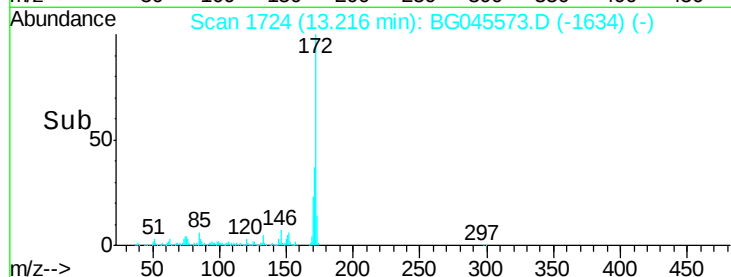
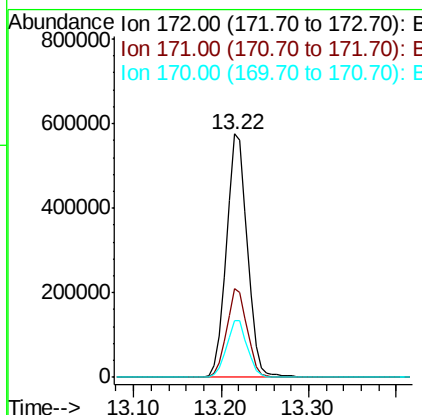
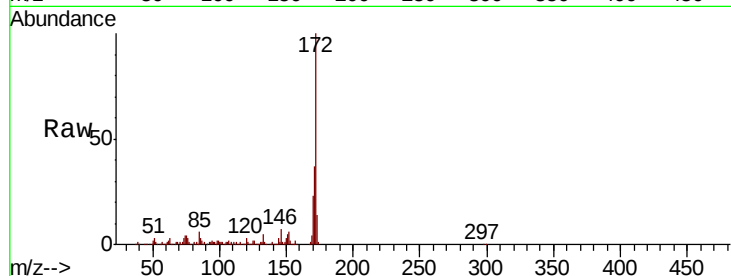




#45
 2-Fluorobiphenyl
 Concen: 101.519 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG045573.D
 Acq: 2 Jun 2020 11:34

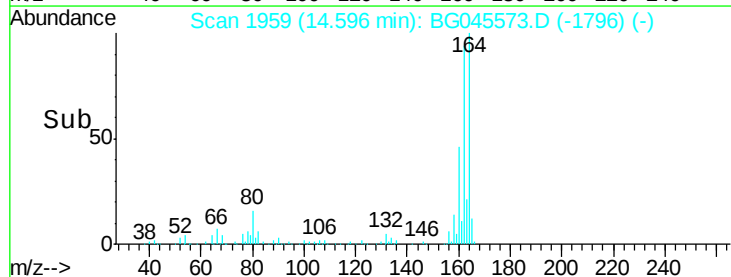
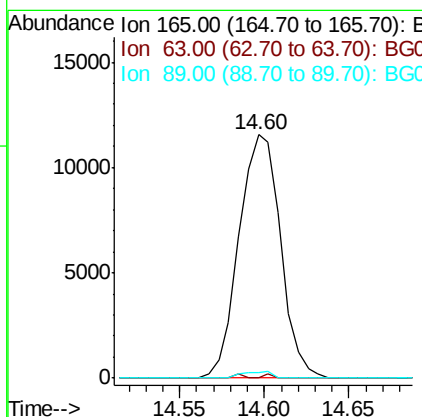
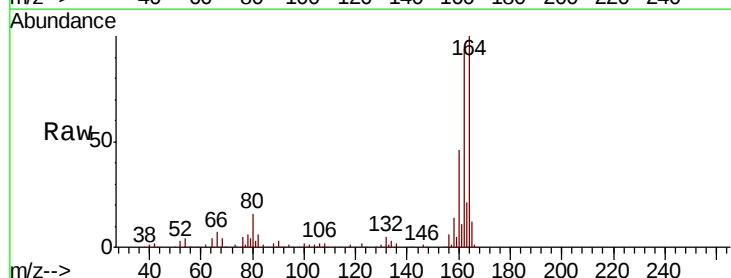
Instrument :
 BNA_G
 ClientSampleId :

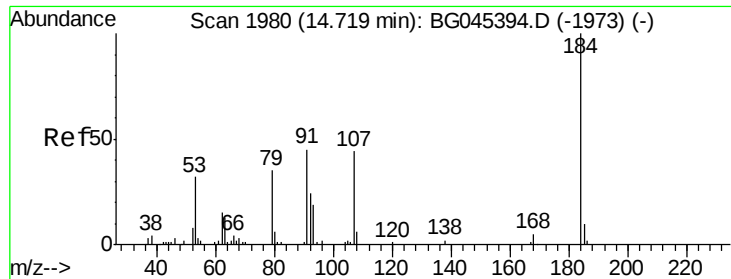
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.5	44.3
170	23.3	18.5	27.7



#51
 2,6-Dinitrotoluene
 Concen: 8.158 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. 0.43 min
 Lab File: BG045573.D
 Acq: 2 Jun 2020 11:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.0	67.4#
89	2.4	50.2	75.4#

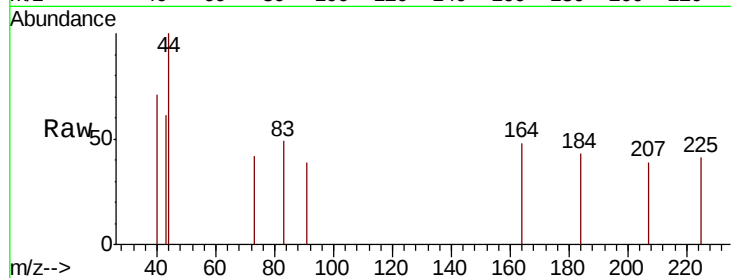




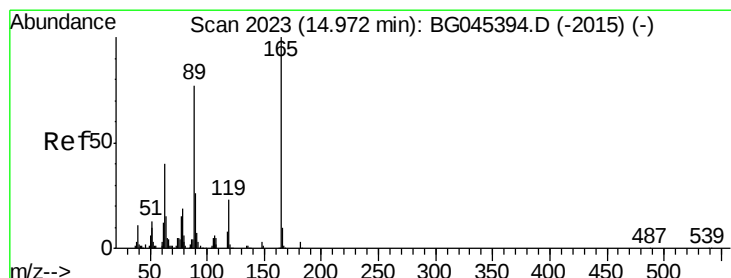
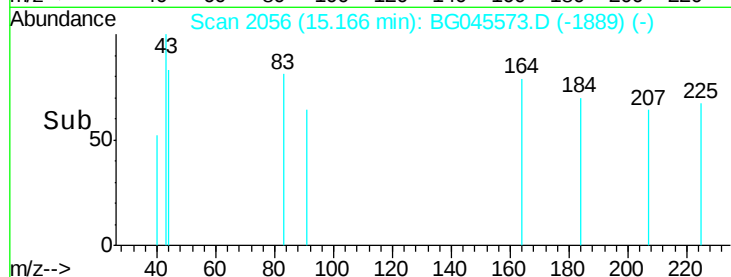
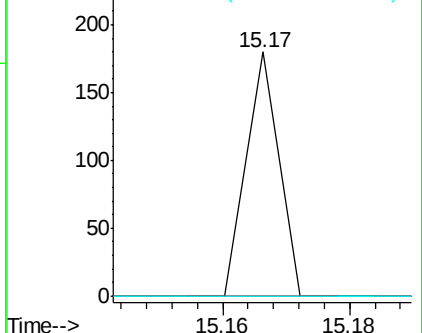
#54
 2,4-Dinitrophenol
 Concen: 5.496 ng
 RT: 15.17 min Scan# 2056
 Delta R.T. 0.45 min
 Lab File: BG045573.D
 Acq: 2 Jun 2020 11:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:184 Resp: 63
 Ion Ratio Lower Upper
 184 100
 63 0.0 47.8 71.6#
 154 0.0 58.3 87.5#

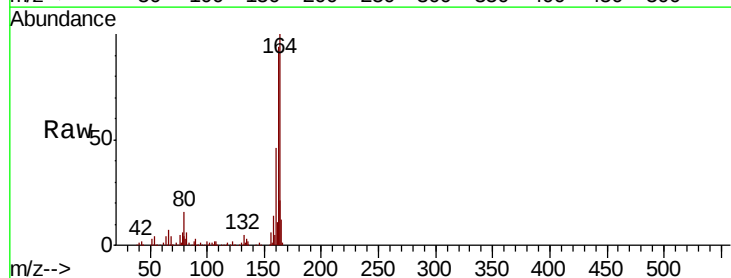


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

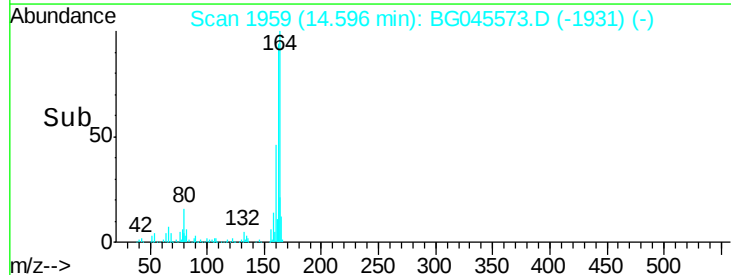
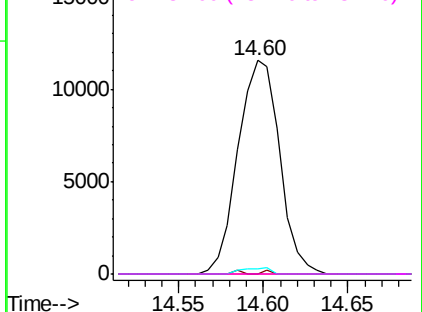


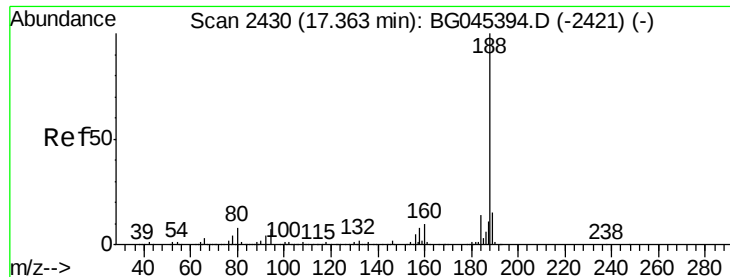
#57
 2,4-Dinitrotoluene
 Concen: 5.633 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.36 min
 Lab File: BG045573.D
 Acq: 2 Jun 2020 11:34

Tgt Ion:165 Resp: 19704
 Ion Ratio Lower Upper
 165 100
 63 0.0 32.5 48.7#
 89 2.4 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

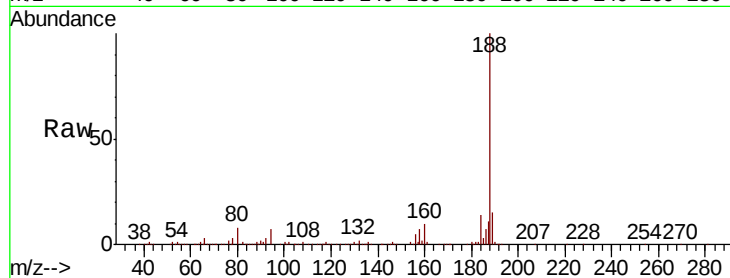




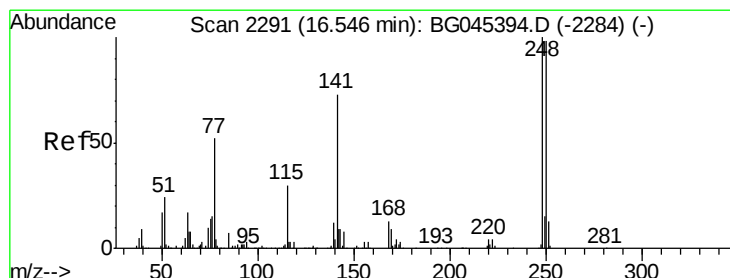
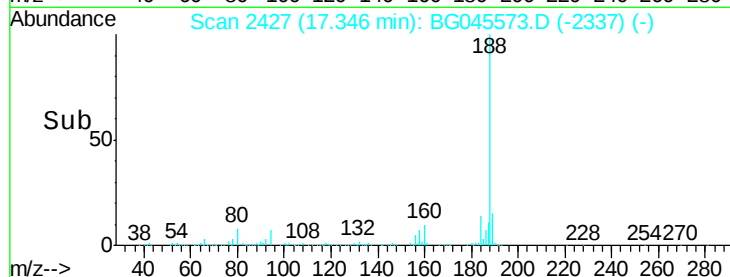
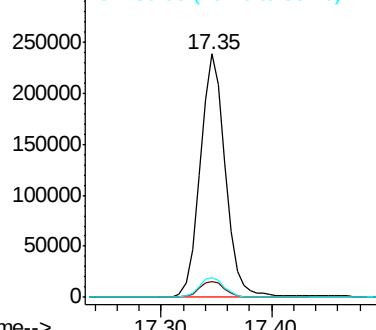
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045573.D
Acq: 2 Jun 2020 11:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 382711
Ion Ratio Lower Upper
188 100
94 6.7 5.5 8.3
80 7.9 6.6 10.0

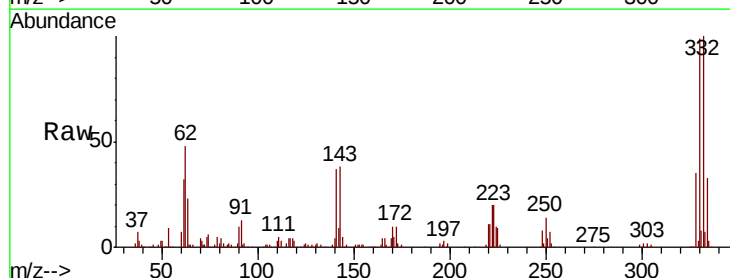


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

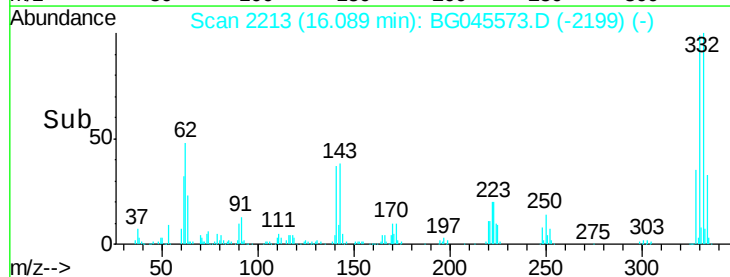
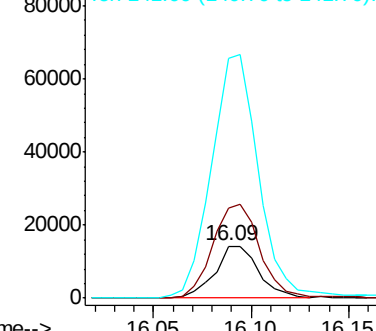


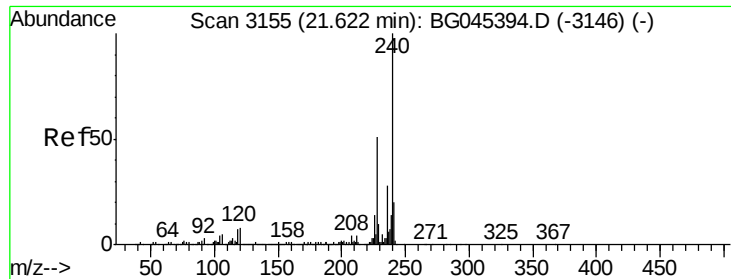
#67
4-Bromophenyl-phenylether
Concen: 5.350 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.45 min
Lab File: BG045573.D
Acq: 2 Jun 2020 11:34

Tgt Ion:248 Resp: 22170
Ion Ratio Lower Upper
248 100
250 172.9 78.6 117.8#
141 460.4 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

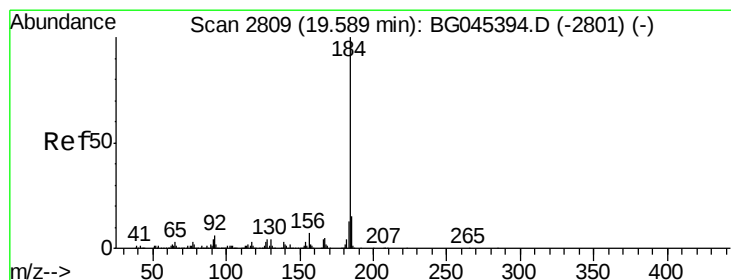
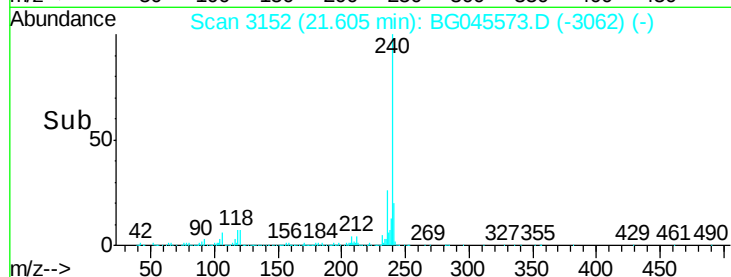
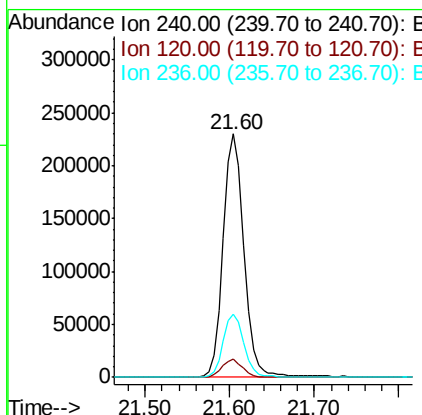
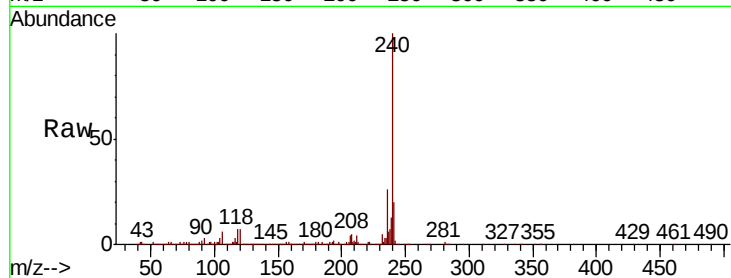




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG045573.D
Acq: 2 Jun 2020 11:34

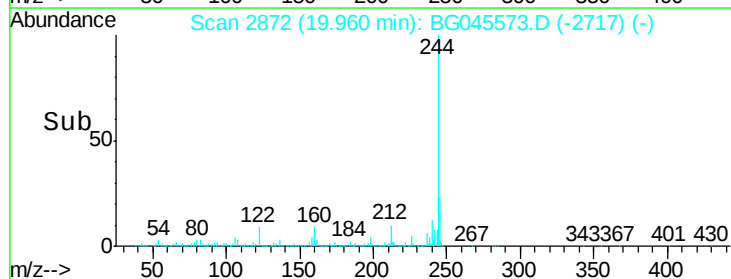
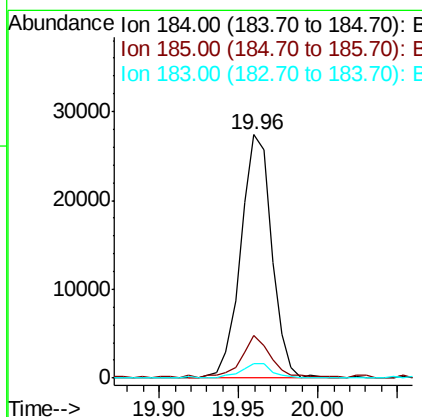
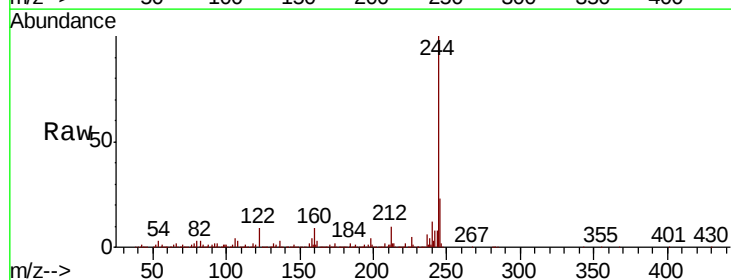
Instrument :
BNA_G
ClientSampleId :

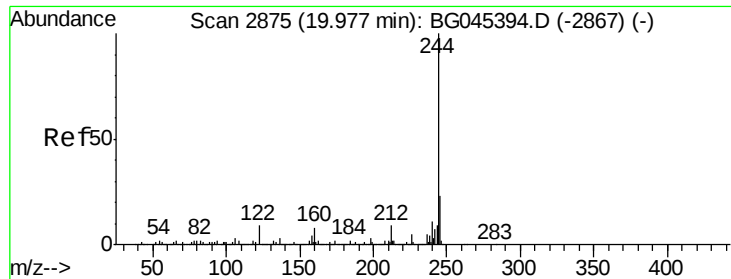
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.1	9.1
236	26.1	22.3	33.5



#77
Benzidine
Concen: 3.359 ng
RT: 19.96 min Scan# 2872
Delta R.T. 0.38 min
Lab File: BG045573.D
Acq: 2 Jun 2020 11:34

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.7	11.7	17.5#
183	6.0	10.2	15.4#

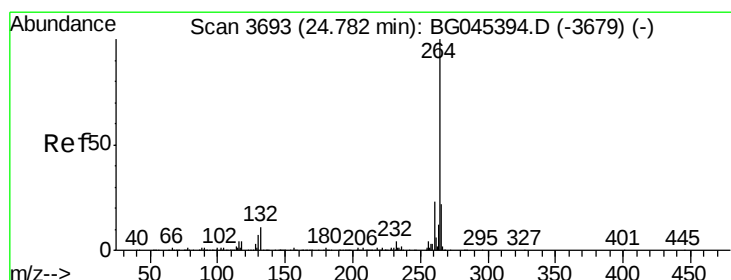
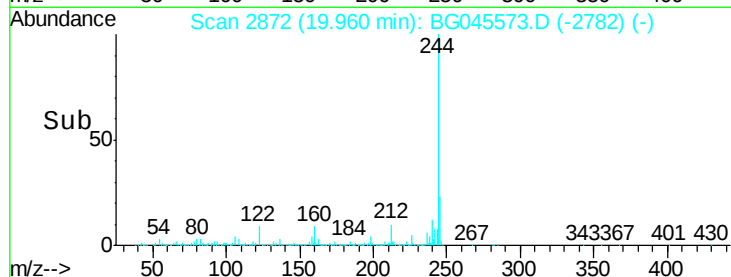
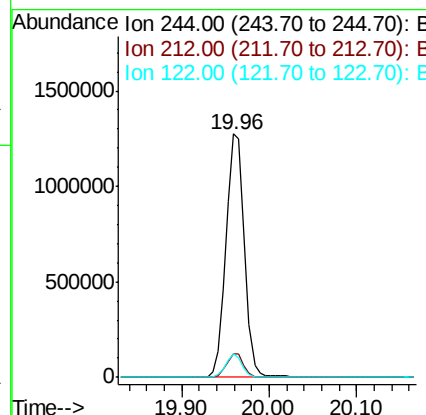
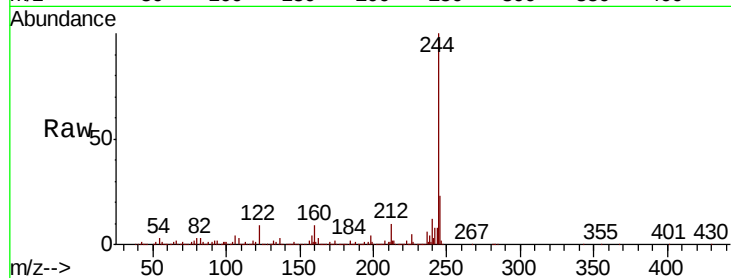




#79
 Terphenyl-d14
 Concen: 110.181 ng
 RT: 19.96 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: BG045573.D
 Acq: 2 Jun 2020 11:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1854846
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.4 11.0
 122 9.4 6.8 10.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.75 min Scan# 3688
 Delta R.T. 0.00 min
 Lab File: BG045573.D
 Acq: 2 Jun 2020 11:34

Tgt Ion:264 Resp: 412234
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.2 27.4
 265 23.0 17.6 26.4

