

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045580.D
 Acq On : 3 Jun 2020 14:18
 Operator : CG/JU
 Sample : PB129260BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 03 15:01:51 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

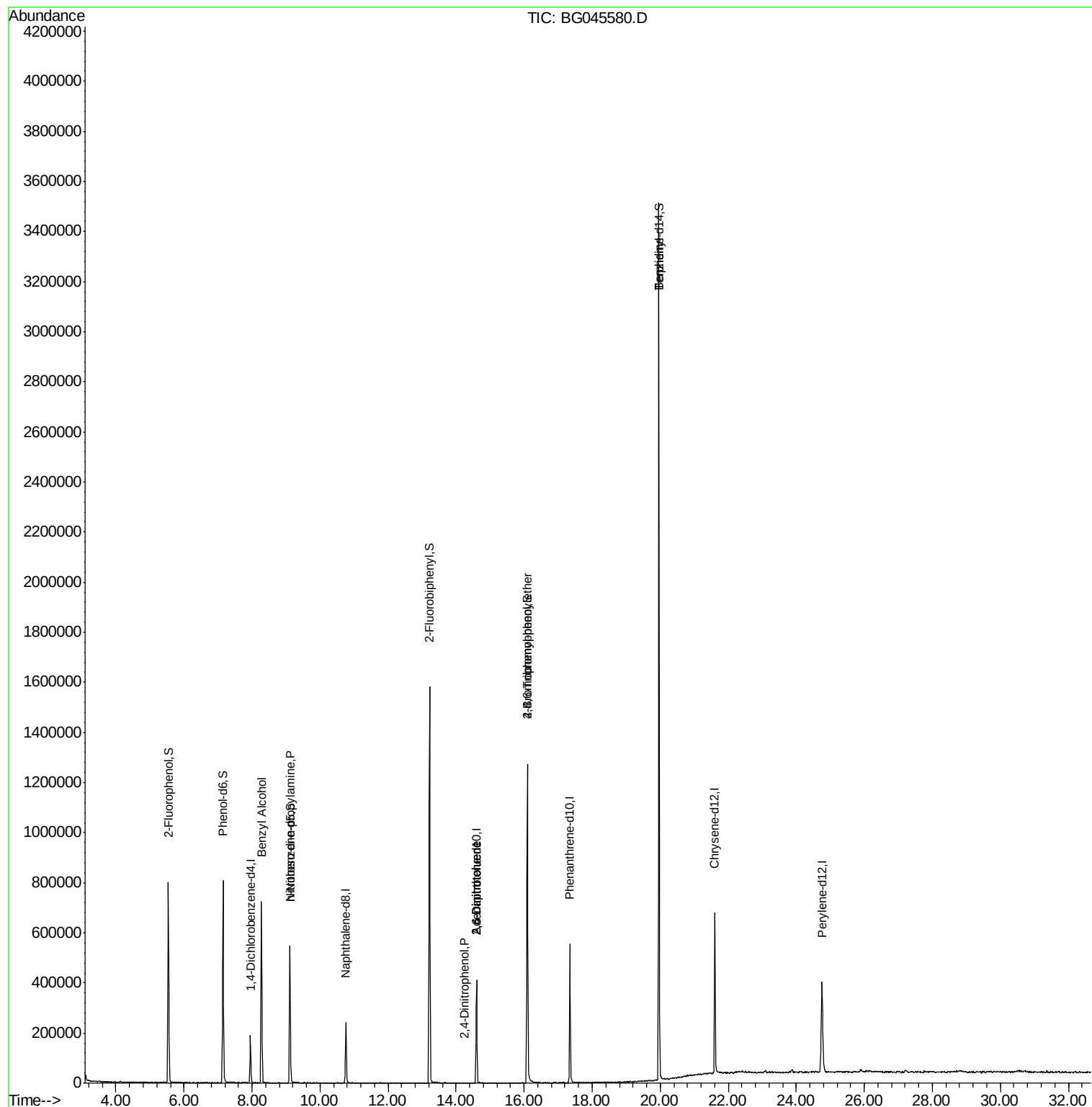
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	57204	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	224061	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	158134	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	383904	20.00	ng	0.00
76) Chrysene-d12	21.60	240	425074	20.00	ng	0.00
87) Perylene-d12	24.75	264	440281	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	395274	135.04	ng	0.00
7) Phenol-d6	7.15	99	555921	133.44	ng	0.00
23) Nitrobenzene-d5	9.11	82	384829	93.66	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	280210	138.56	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	892449	95.73	ng	0.00
79) Terphenyl-d14	19.96	244	1695324	93.02	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.27	79	7244	2.105	ng	# 57
19) n-Nitroso-di-n-propylamine	9.11	70	54172	18.804	ng	# 79
51) 2,6-Dinitrotoluene	14.59	165	20821	8.506	ng	# 24
54) 2,4-Dinitrophenol	14.24	184	66	5.497	ng	# 17
57) 2,4-Dinitrotoluene	14.59	165	20821	5.873	ng	# 24
67) 4-Bromophenyl-phenylether	16.09	248	18958	4.560	ng	# 1
77) Benzidine	19.96	184	31499	2.638	ng	# 89

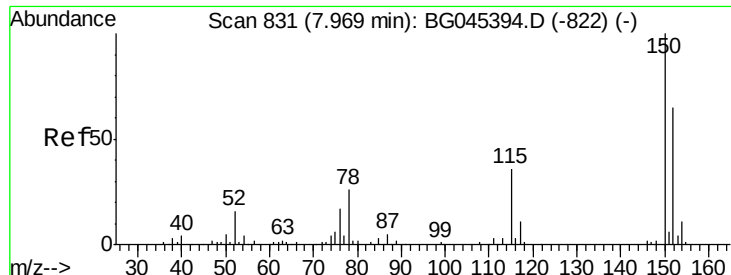
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 03 15:01:51 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



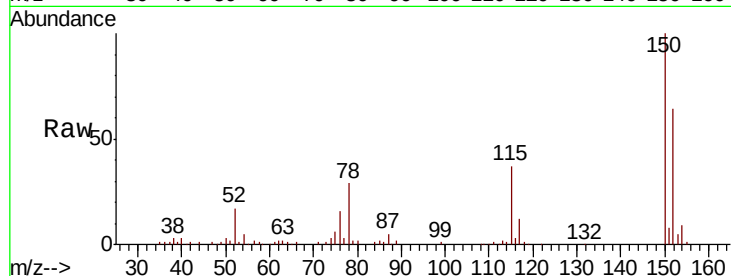


#1

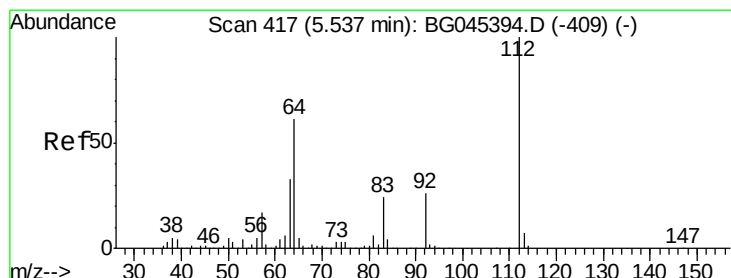
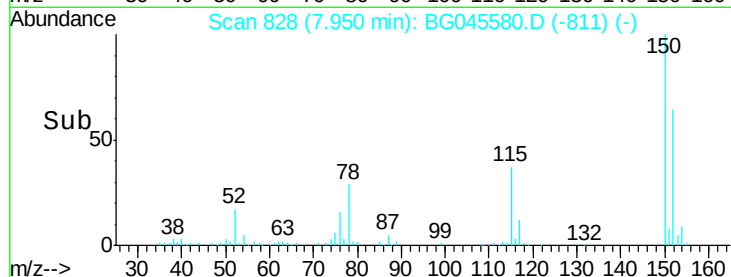
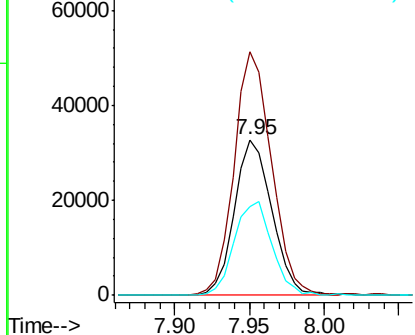
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG045580.D
Acq: 3 Jun 2020 14:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 57204
Ion Ratio Lower Upper
152 100
150 156.4 122.4 183.6
115 57.1 44.2 66.4



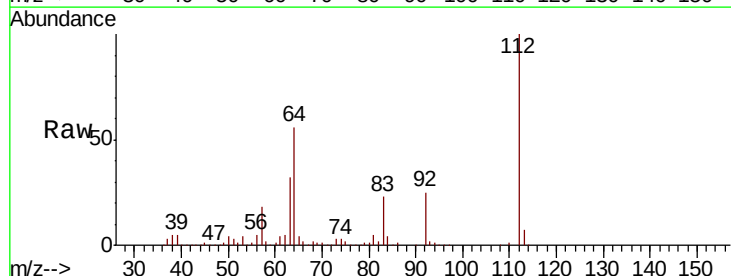
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



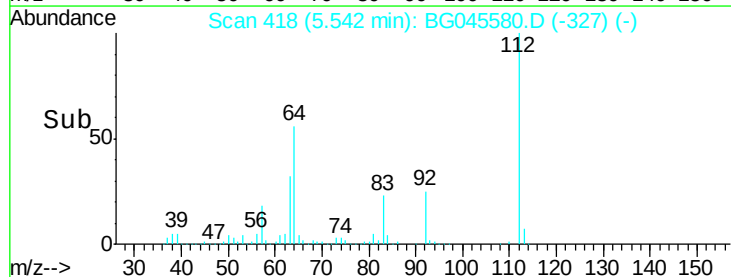
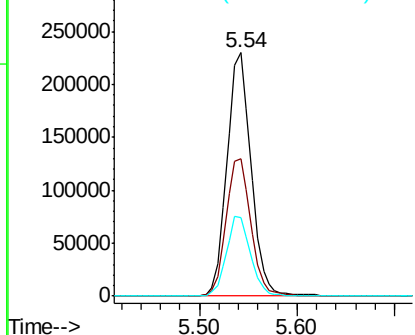
#5

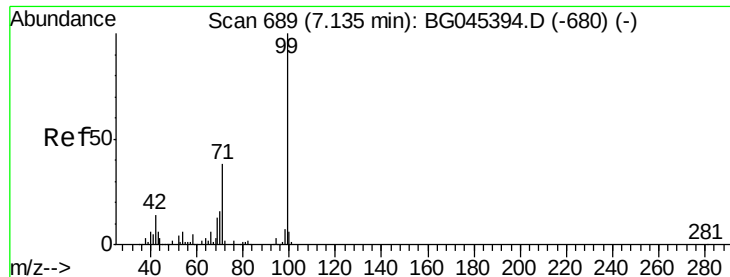
2-Fluorophenol
Concen: 135.040 ng
RT: 5.54 min Scan# 418
Delta R.T. 0.00 min
Lab File: BG045580.D
Acq: 3 Jun 2020 14:18

Tgt Ion:112 Resp: 395274
Ion Ratio Lower Upper
112 100
64 56.4 48.6 72.8
63 32.5 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG045394.D (-409) (-)
Ion 63.00 (62.70 to 63.70): BG045394.D (-409) (-)





#7

Phenol-d6

Concen: 133.438 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045580.D

Acq: 3 Jun 2020 14:18

Instrument :

BNA_G

ClientSampleId :

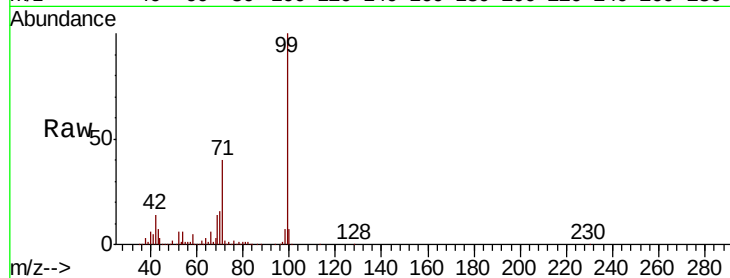
Tot Ion: 99 Resp: 555921

Ion Ratio Lower Upper

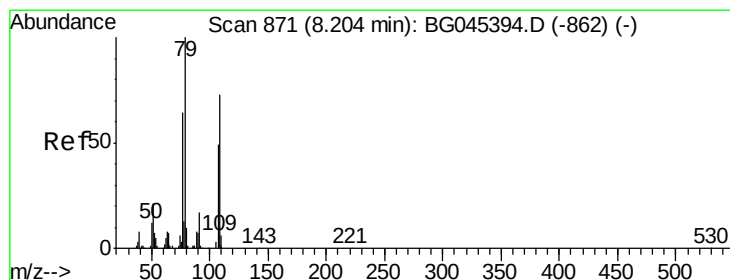
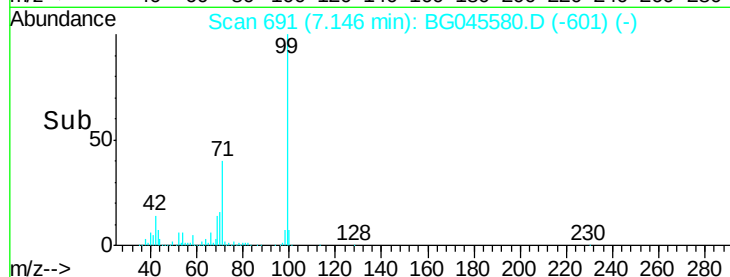
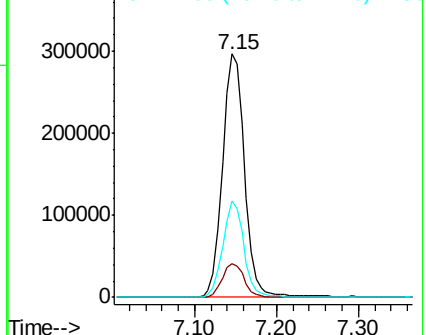
99 100

42 13.8 11.3 16.9

71 39.6 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: 2.105 ng

RT: 8.27 min Scan# 883

Delta R.T. 0.08 min

Lab File: BG045580.D

Acq: 3 Jun 2020 14:18

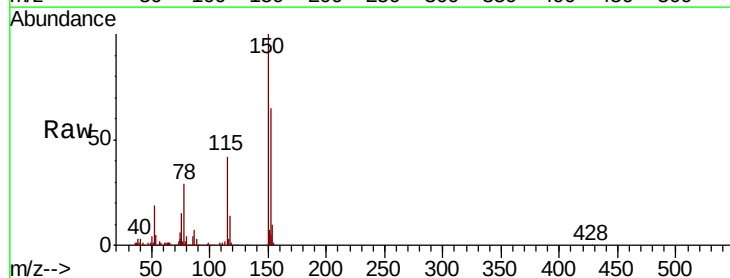
Tgt Ion: 79 Resp: 7244

Ion Ratio Lower Upper

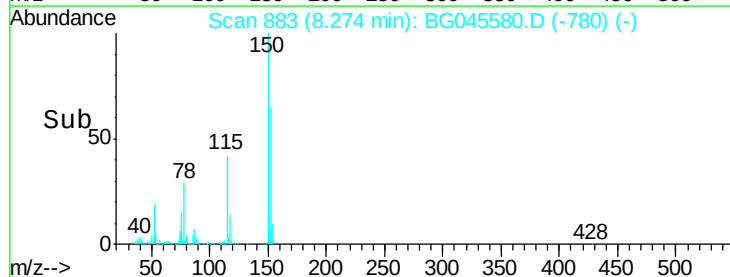
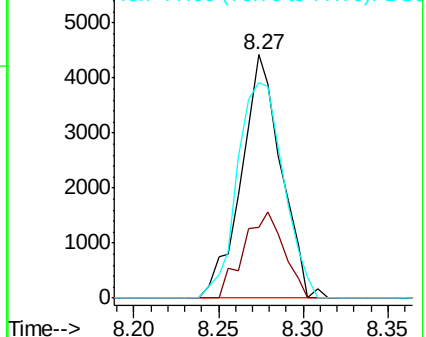
79 100

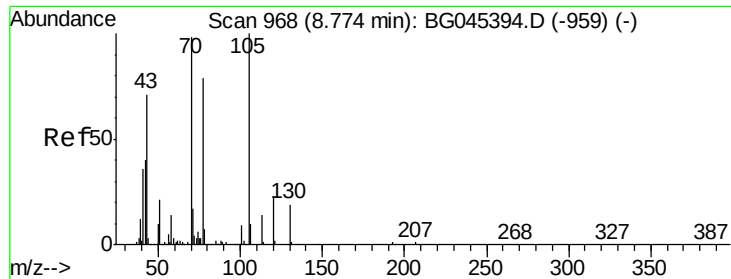
108 29.1 58.2 87.4#

77 88.6 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

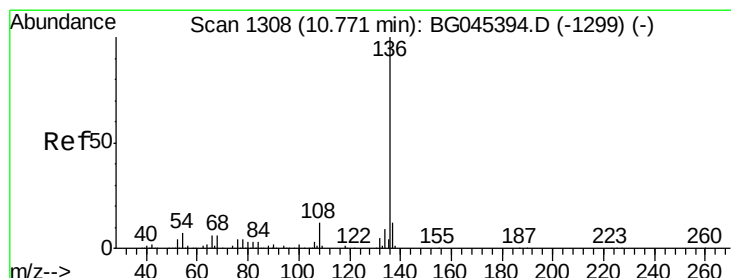
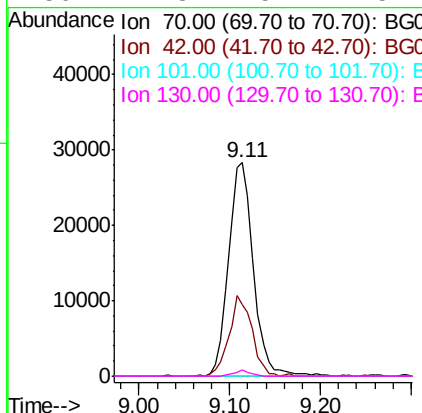
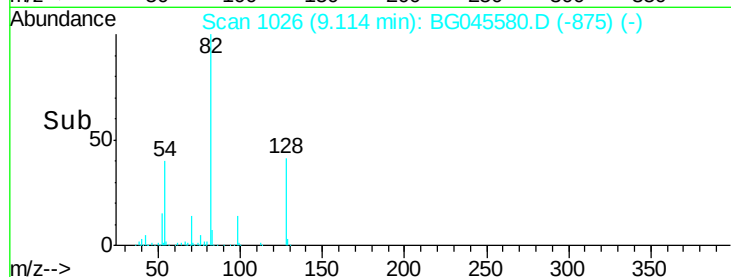
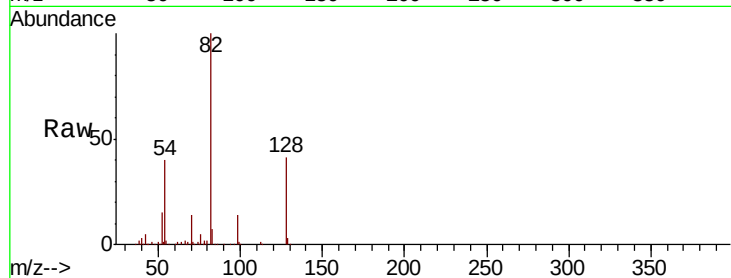




#19
n-Nitroso-di-n-propylamine
Concen: 18.804 ng
RT: 9.11 min Scan# 1026
Delta R.T. 0.36 min
Lab File: BG045580.D
Acq: 3 Jun 2020 14:18

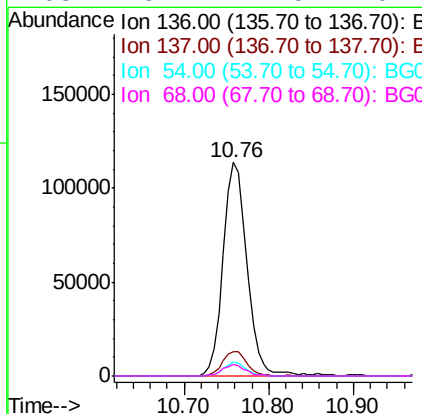
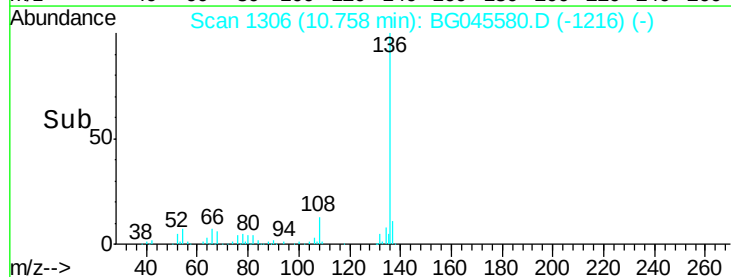
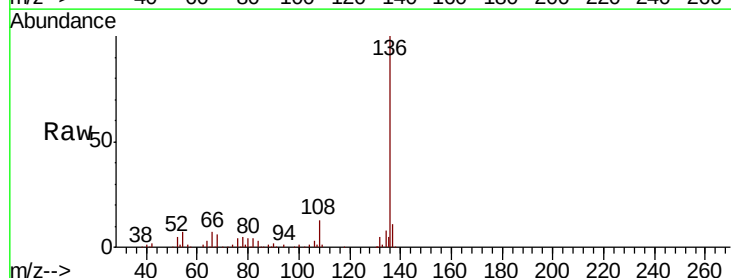
Instrument :
BNA_G
ClientSampleId :

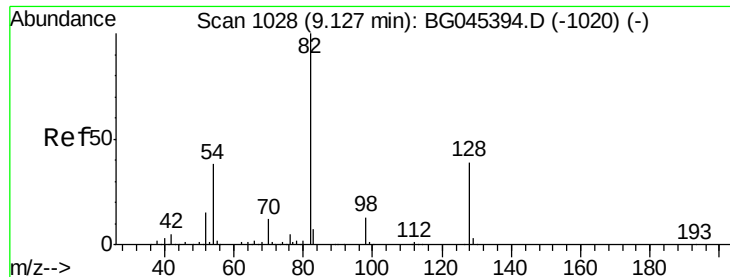
Tot Ion: 70 Resp: 54172
Ion Ratio Lower Upper
70 100
42 33.6 33.2 49.8
101 0.0 7.8 11.6#
130 2.8 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG045580.D
Acq: 3 Jun 2020 14:18

Tgt Ion:136 Resp: 224061
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.2
54 6.8 5.8 8.6
68 5.7 4.5 6.7

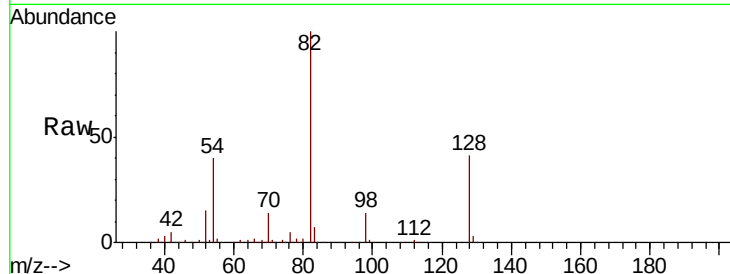




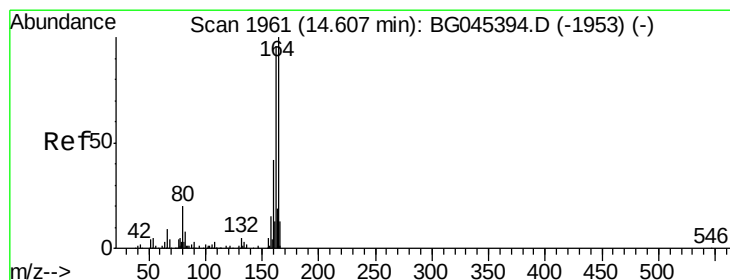
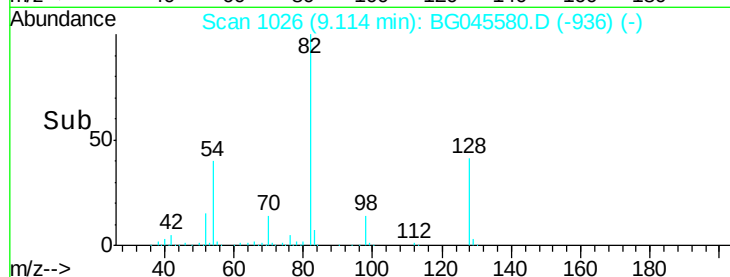
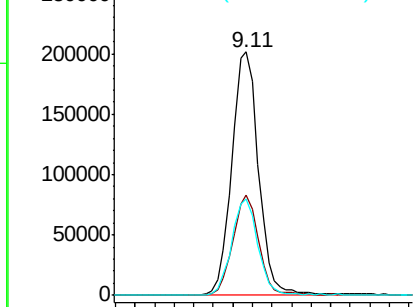
#23
Nitrobenzene-d5
Concen: 93.659 ng
RT: 9.11 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG045580.D
Acq: 3 Jun 2020 14:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	384829
Ion Ratio	Lower	Upper	
82	100		
128	41.1	30.9	46.3
54	39.9	30.3	45.5

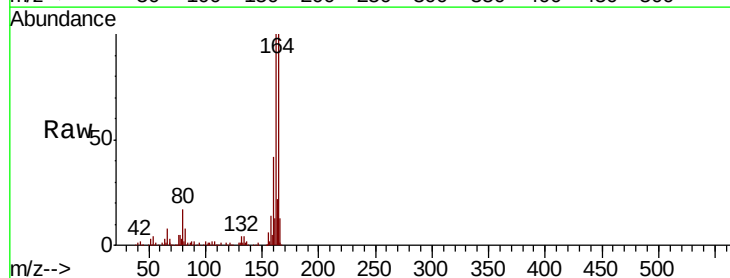


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

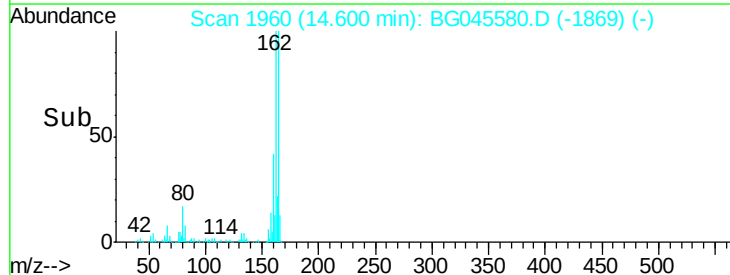
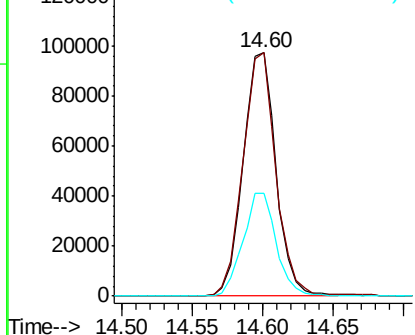


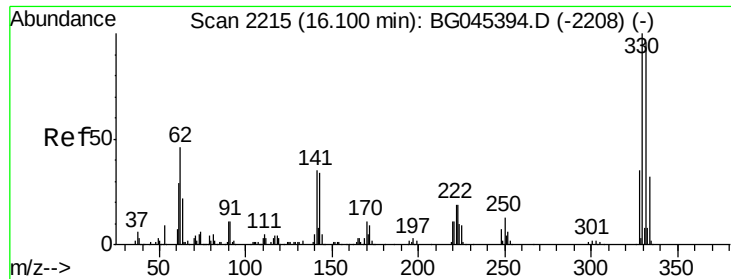
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BG045580.D
Acq: 3 Jun 2020 14:18

Tgt Ion	164	Resp	158134
Ion Ratio	Lower	Upper	
164	100		
162	100.1	76.9	115.3
160	42.1	33.8	50.8



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 138.556 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG045580.D

Acq: 3 Jun 2020 14:18

Instrument :

BNA_G

ClientSampled :

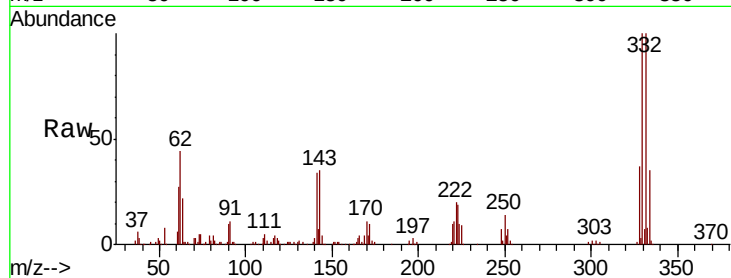
Tot Ion:330 Resp: 280210

Ion Ratio Lower Upper

330 100

332 97.2 78.2 117.4

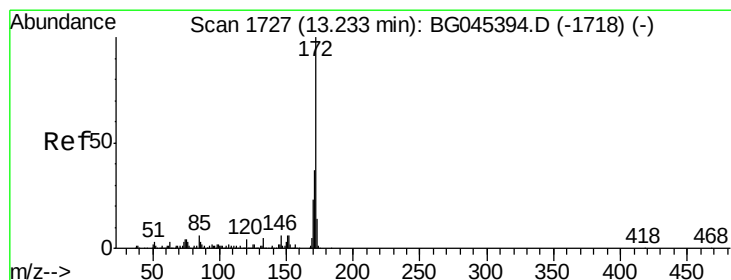
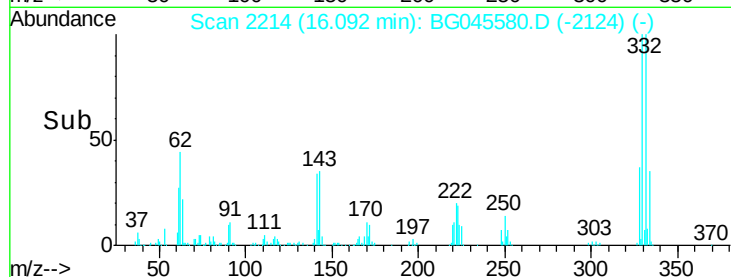
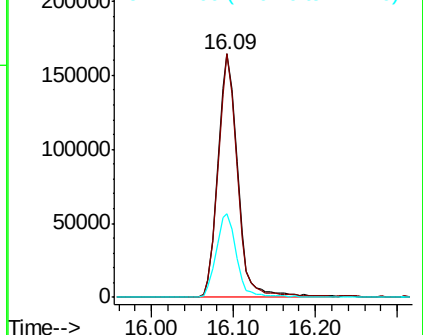
141 34.8 28.2 42.4



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: 95.728 ng

RT: 13.22 min Scan# 1725

Delta R.T. 0.00 min

Lab File: BG045580.D

Acq: 3 Jun 2020 14:18

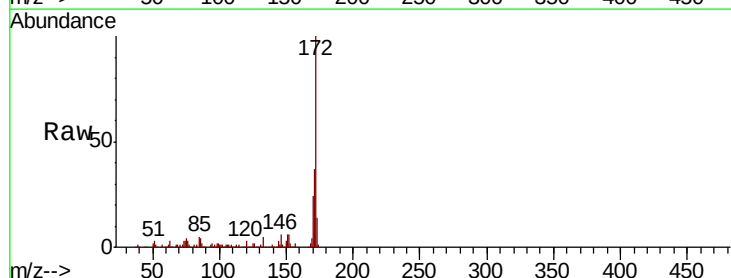
Tgt Ion:172 Resp: 892449

Ion Ratio Lower Upper

172 100

171 36.5 29.5 44.3

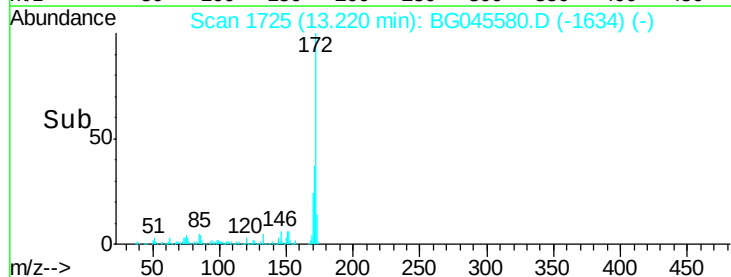
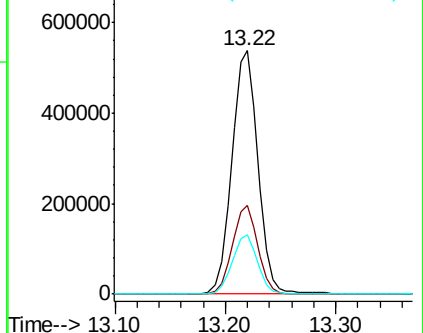
170 24.2 18.5 27.7

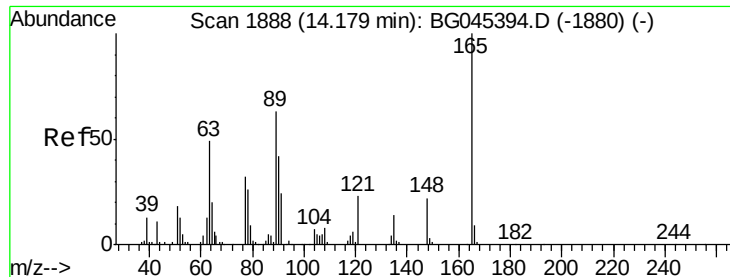


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 8.506 ng

RT: 14.59 min Scan# 1959

Delta R.T. 0.43 min

Lab File: BG045580.D

Acq: 3 Jun 2020 14:18

Instrument :

BNA_G

ClientSampleId :

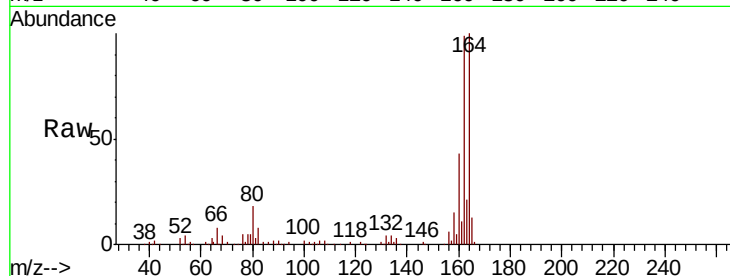
Tot Ion:165 Resp: 20821

Ion Ratio Lower Upper

165 100

63 2.7 45.0 67.4#

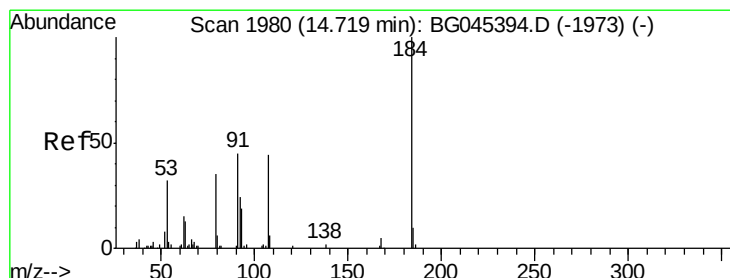
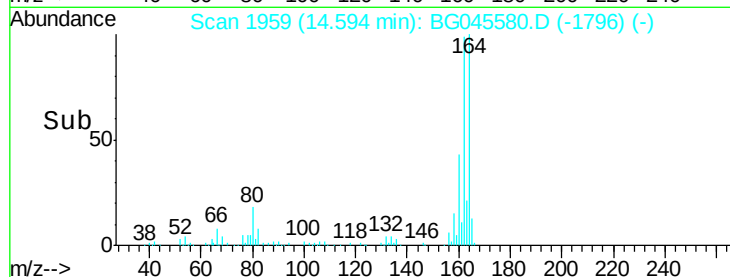
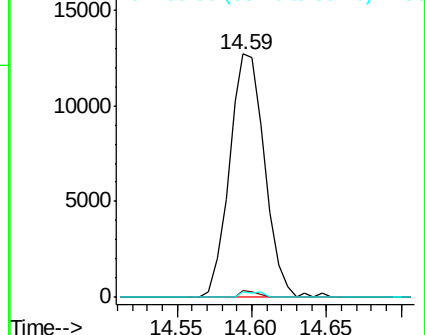
89 2.1 50.2 75.4#



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



#54

2,4-Dinitrophenol

Concen: 5.497 ng

RT: 14.24 min Scan# 1899

Delta R.T. -0.47 min

Lab File: BG045580.D

Acq: 3 Jun 2020 14:18

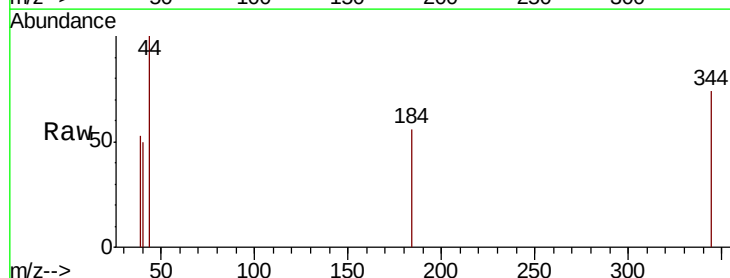
Tgt Ion:184 Resp: 66

Ion Ratio Lower Upper

184 100

63 0.0 47.8 71.6#

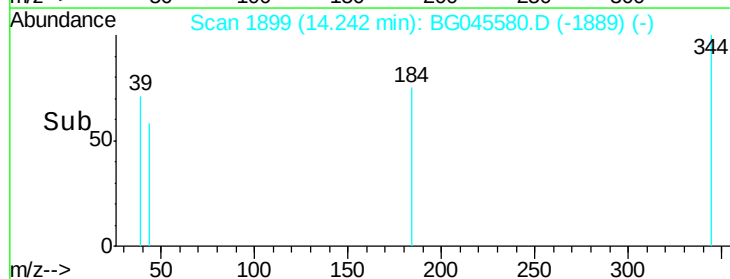
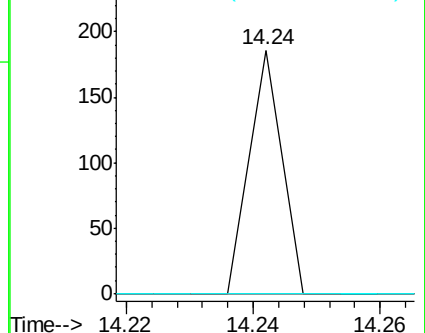
154 0.0 58.3 87.5#

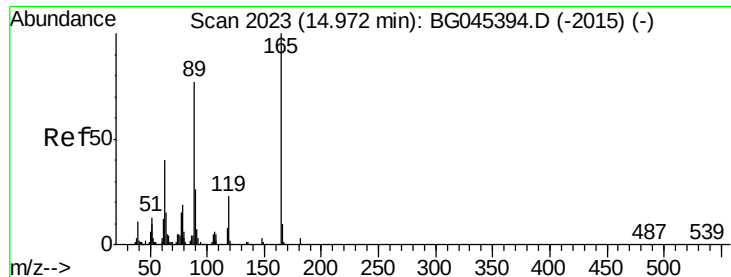


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

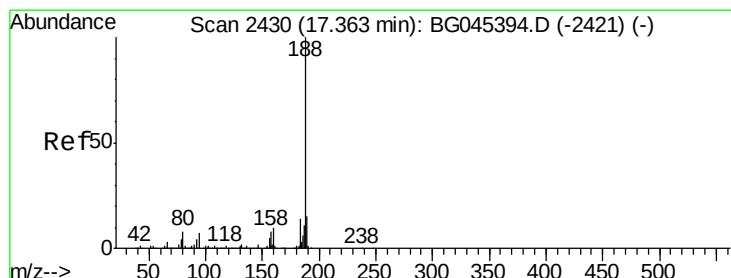
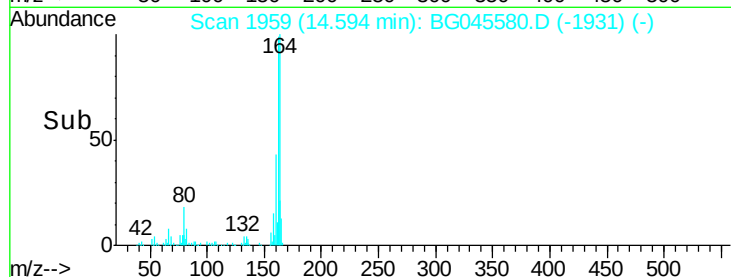
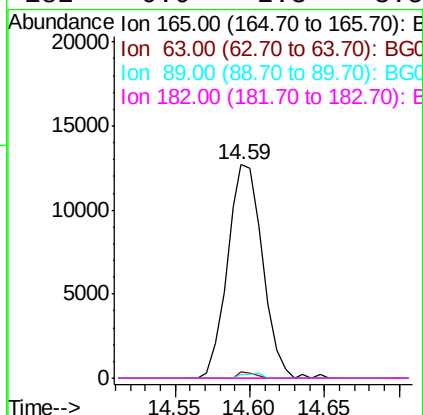
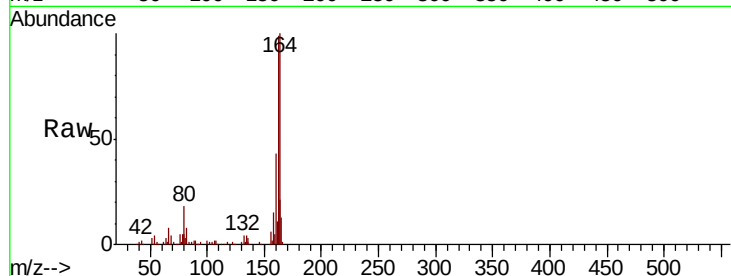




#57
2,4-Dinitrotoluene
Concen: 5.873 ng
RT: 14.59 min Scan# 1959
Delta R.T. -0.37 min
Lab File: BG045580.D
Acq: 3 Jun 2020 14:18

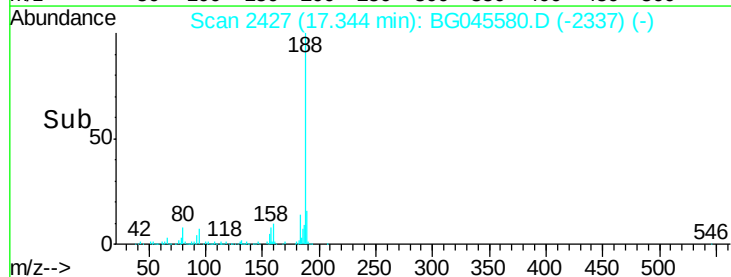
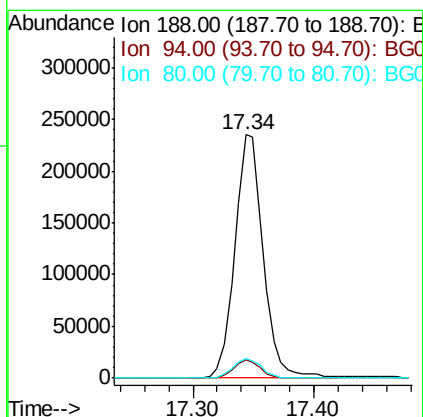
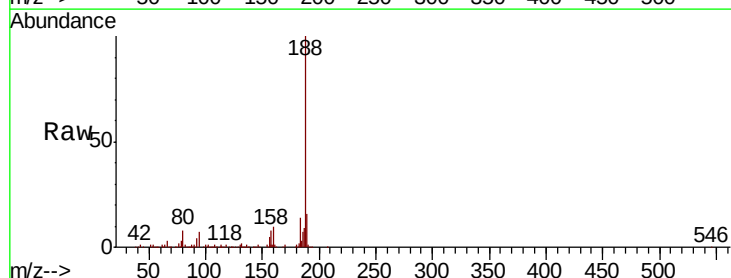
Instrument :
BNA_G
ClientSampleId :

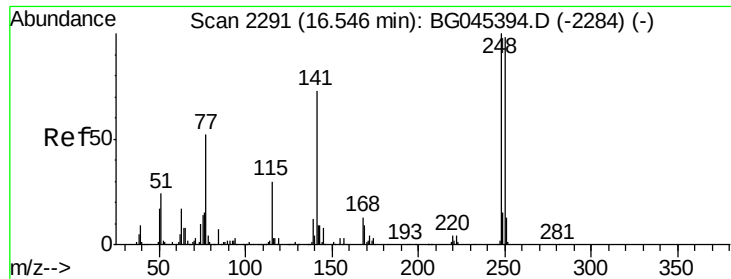
Tot Ion:165 Resp: 20821
Ion Ratio Lower Upper
165 100
63 2.7 32.5 48.7#
89 2.1 61.8 92.6#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG045580.D
Acq: 3 Jun 2020 14:18

Tgt Ion:188 Resp: 383904
Ion Ratio Lower Upper
188 100
94 7.4 5.5 8.3
80 7.9 6.6 10.0

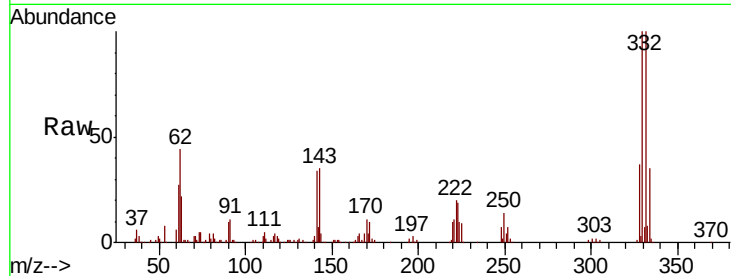




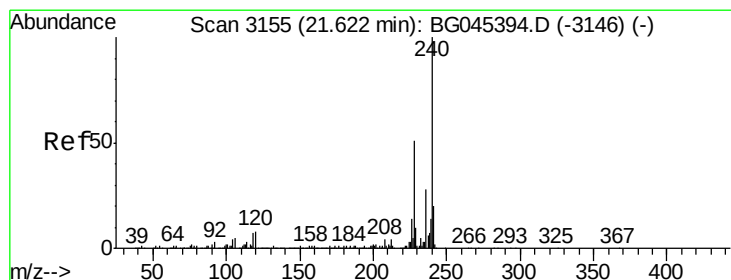
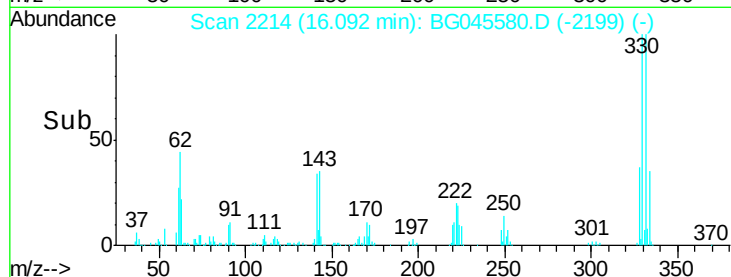
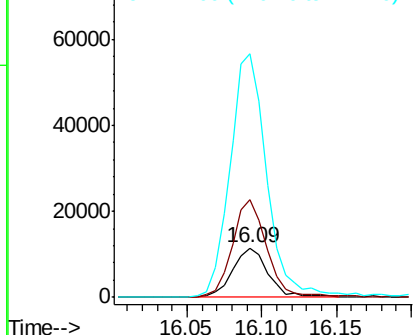
#67
 4-Bromophenyl-phenylether
 Concen: 4.560 ng
 RT: 16.09 min Scan# 2214
 Delta R.T. -0.44 min
 Lab File: BG045580.D
 Acq: 3 Jun 2020 14:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 18958
 Ion Ratio Lower Upper
 248 100
 250 198.8 78.6 117.8#
 141 495.6 58.2 87.2#

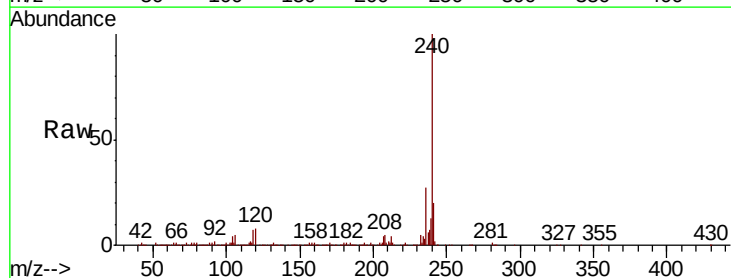


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

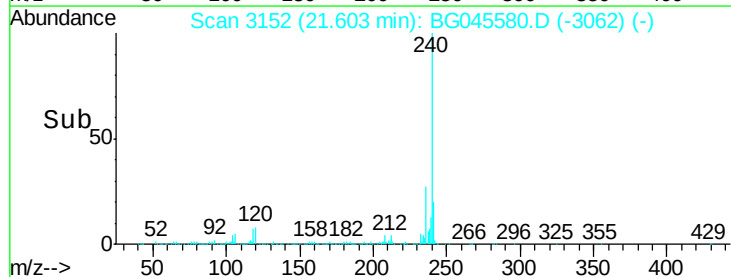
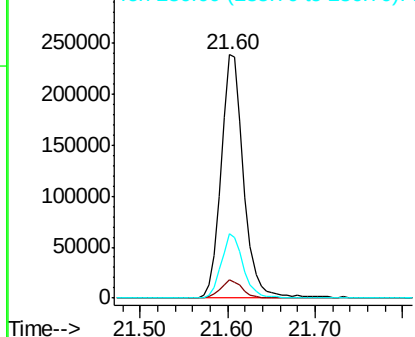


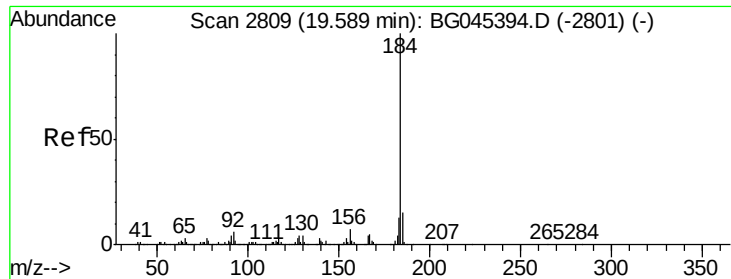
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.60 min Scan# 3152
 Delta R.T. -0.00 min
 Lab File: BG045580.D
 Acq: 3 Jun 2020 14:18

Tgt Ion:240 Resp: 425074
 Ion Ratio Lower Upper
 240 100
 120 7.6 6.1 9.1
 236 26.5 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: 2.638 ng

RT: 19.96 min Scan# 2873

Delta R.T. 0.39 min

Lab File: BG045580.D

Acq: 3 Jun 2020 14:18

Instrument :

BNA_G

ClientSampleId :

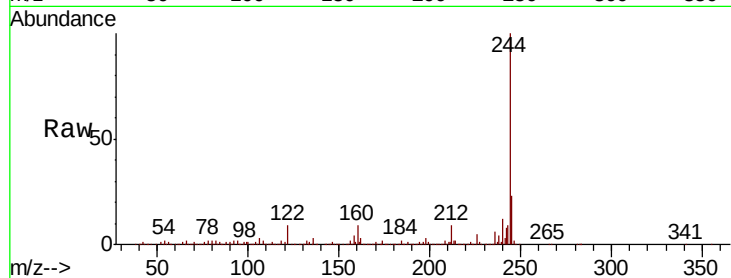
Tot Ion:184 Resp: 31499

Ion Ratio Lower Upper

184 100

185 16.7 11.7 17.5

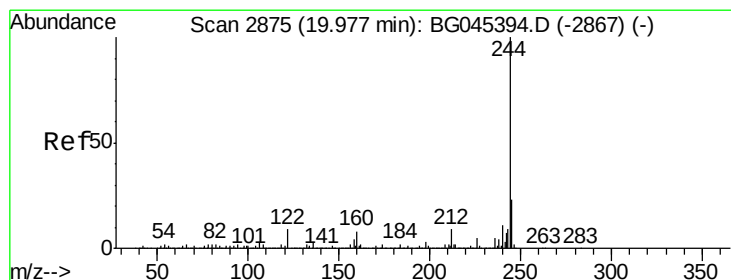
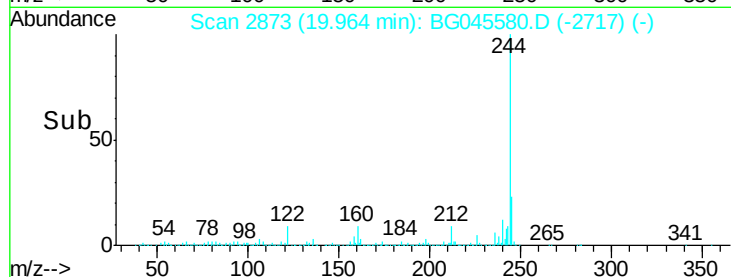
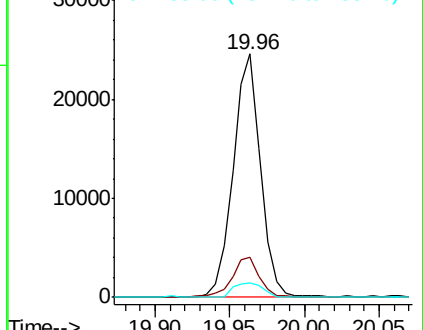
183 6.1 10.2 15.4#



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: 93.019 ng

RT: 19.96 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045580.D

Acq: 3 Jun 2020 14:18

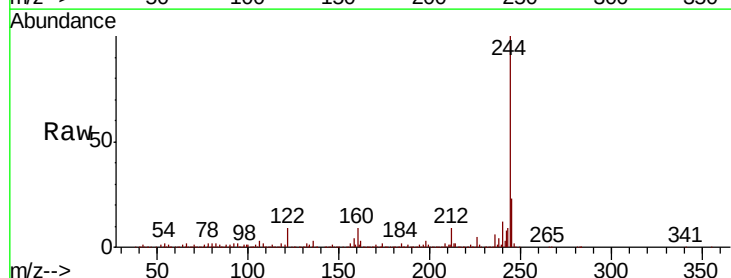
Tgt Ion:244 Resp: 1695324

Ion Ratio Lower Upper

244 100

212 9.4 7.4 11.0

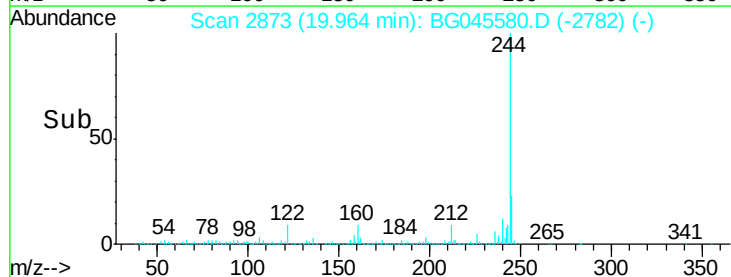
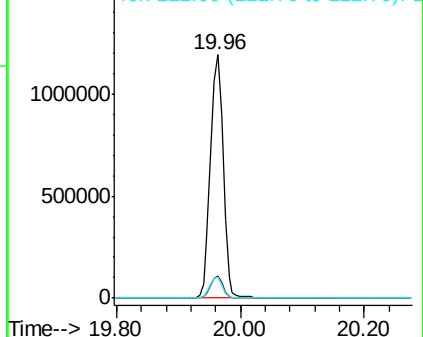
122 8.6 6.8 10.2

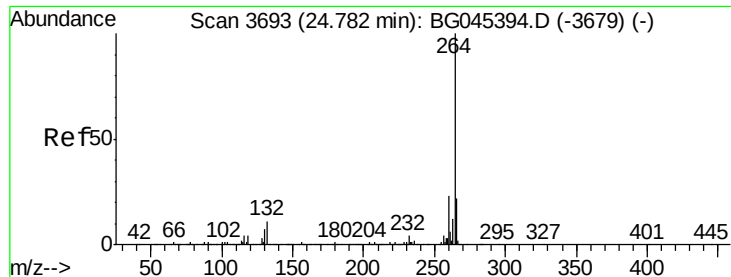


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.75 min Scan# 3688
Delta R.T. -0.00 min
Lab File: BG045580.D
Acq: 3 Jun 2020 14:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.3	18.2	27.4
265	20.9	17.6	26.4

