

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052120\
 Data File : BG045443.D
 Acq On : 21 May 2020 17:01
 Operator : CG/JU
 Sample : L2674-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PS-STOCK-4

Quant Time: May 21 17:43:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 14:43:36 2020
 Response via : Initial Calibration

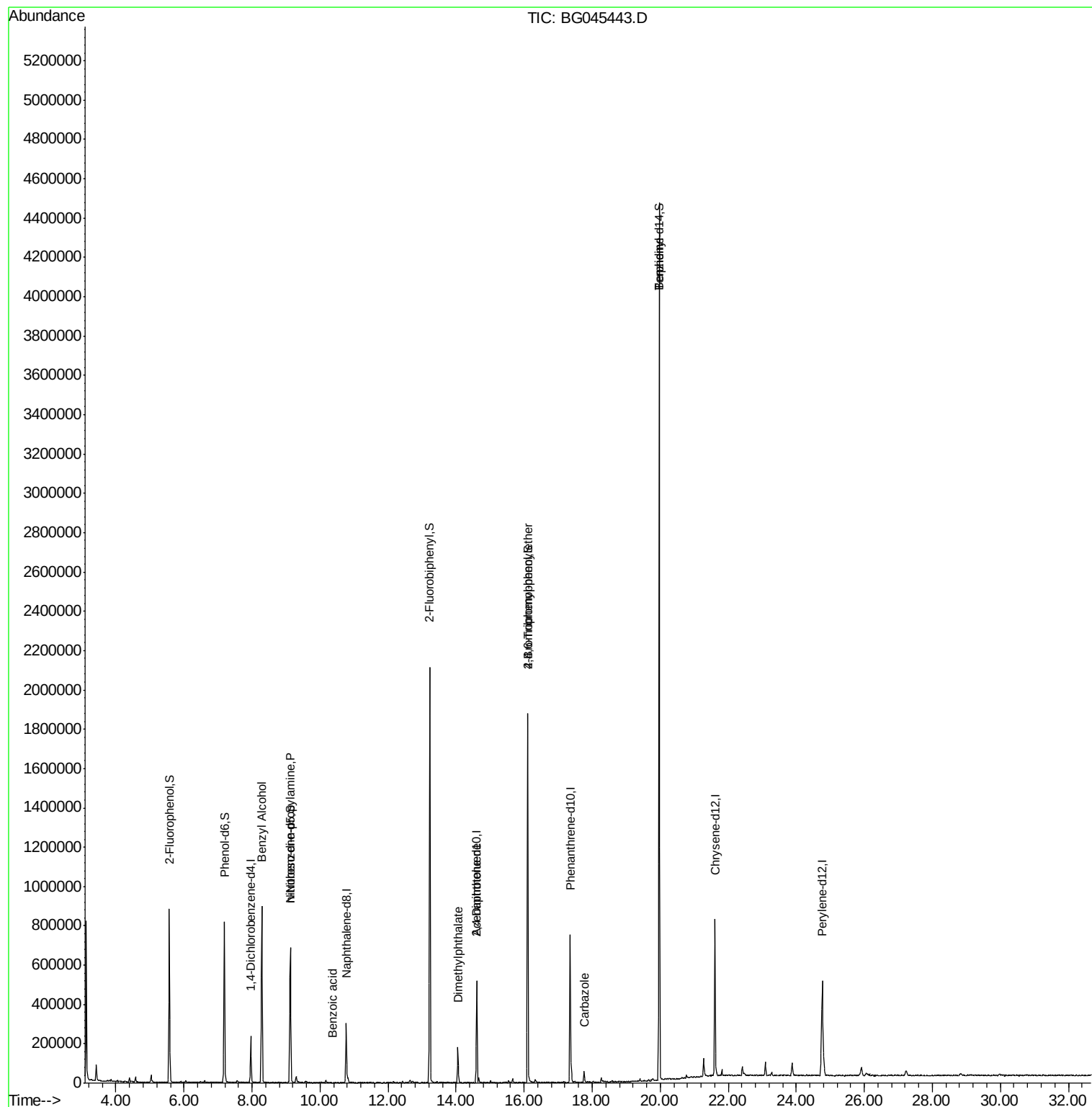
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	68716	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	277806	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	203384	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	494421	20.00	ng	0.00
76) Chrysene-d12	21.61	240	516504	20.00	ng	0.00
87) Perylene-d12	24.76	264	545420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	429706	122.21	ng	0.00
7) Phenol-d6	7.19	99	548391	109.58	ng	0.00
23) Nitrobenzene-d5	9.13	82	478974	94.02	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	391703	150.59	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1148055	95.75	ng	0.00
79) Terphenyl-d14	19.97	244	2122003	95.82	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.29	79	8521	2.061	ng	# 56
19) n-Nitroso-di-n-propylamine	9.13	70	65653	18.971	ng	# 83
32) Benzoic acid	10.38	122	62	10.043	ng	# 1
50) Dimethylphthalate	14.05	163	119812	8.587	ng	# 99
57) 2,4-Dinitrotoluene	14.60	165	26541	5.821	ng	# 22
67) 4-Bromophenyl-phenylether	16.10	248	26668	4.981	ng	# 1
73) Carbazole	17.76	167	42602	2.016	ng	# 98
77) Benzidine	19.97	184	41304	2.847	ng	# 89

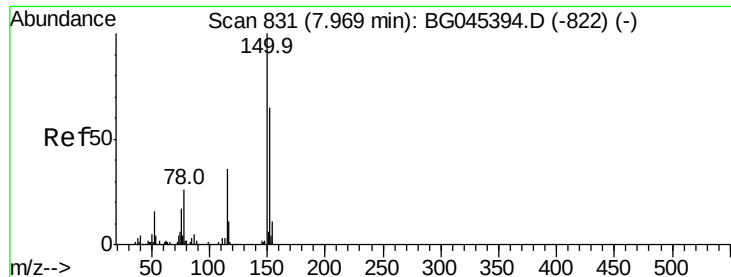
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052120\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 830

Delta R.T. 0.00 min

Lab File: BG045443.D

Acq: 21 May 2020 17:01

Instrument :

BNA_G

ClientSampleId :

PS-STOCK-4

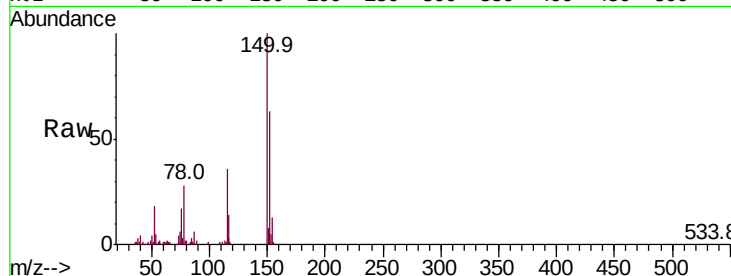
Tot Ion:152 Resp: 68716

Ion Ratio Lower Upper

152 100

150 157.9 122.4 183.6

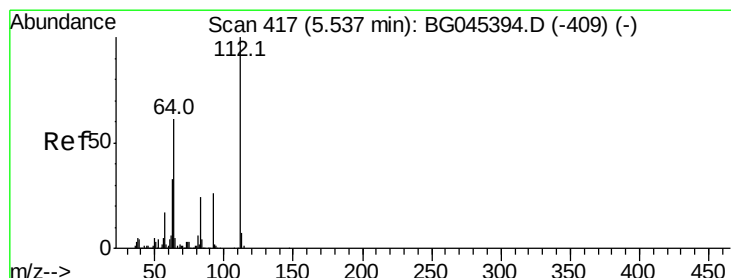
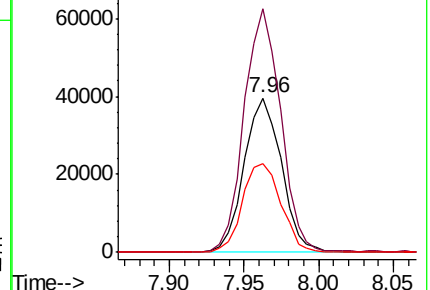
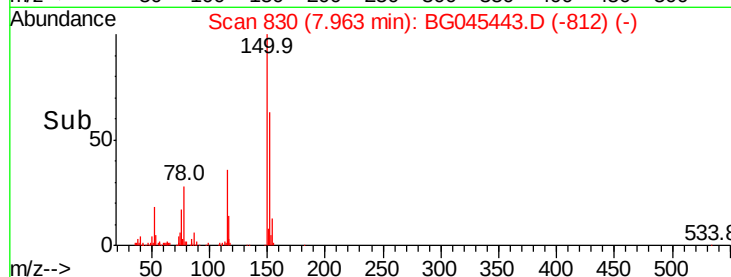
115 57.2 44.2 66.4



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: 122.209 ng

RT: 5.57 min Scan# 422

Delta R.T. -0.00 min

Lab File: BG045443.D

Acq: 21 May 2020 17:01

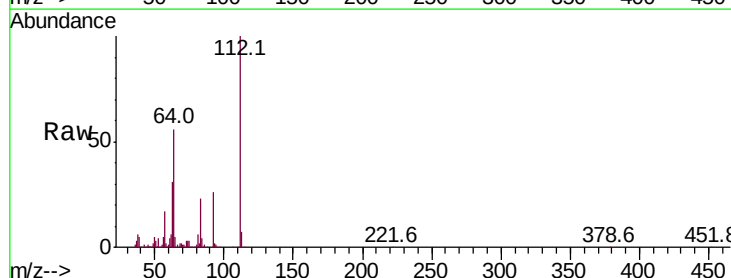
Tgt Ion:112 Resp: 429706

Ion Ratio Lower Upper

112 100

64 55.5 48.6 72.8

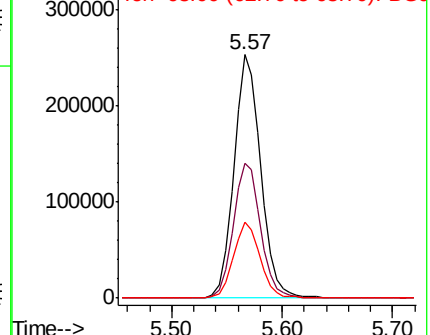
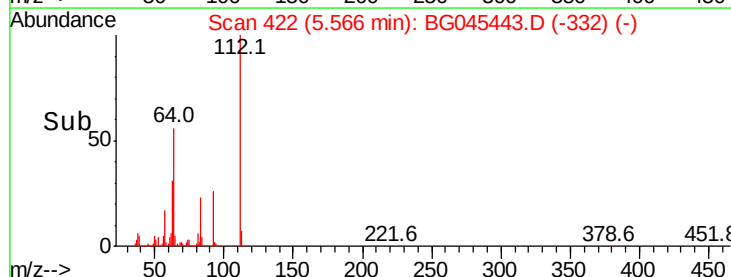
63 31.0 26.5 39.7

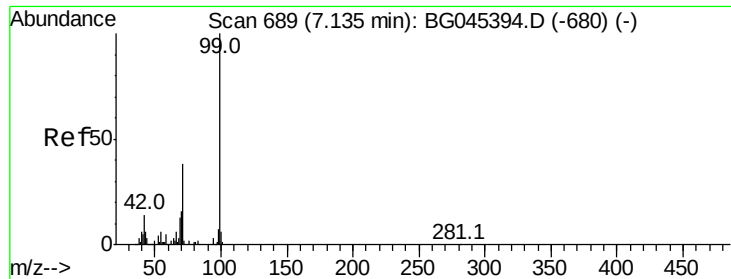


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 109.579 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG045443.D

Acq: 21 May 2020 17:01

Instrument :

BNA_G

ClientSampleId :

PS-STOCK-4

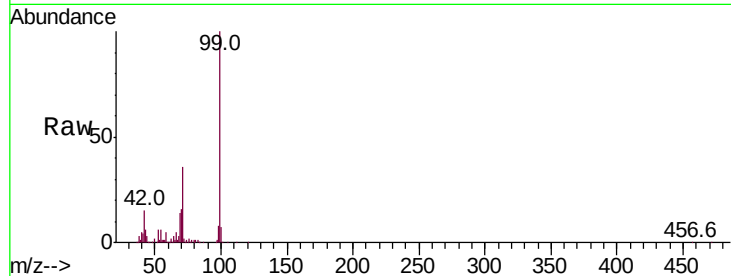
Tot Ion: 99 Resp: 548391

Ion Ratio Lower Upper

99 100

42 14.8 11.3 16.9

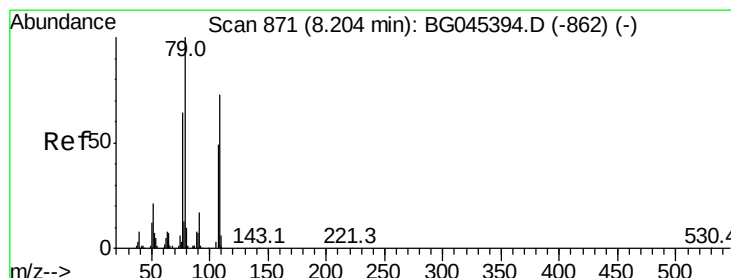
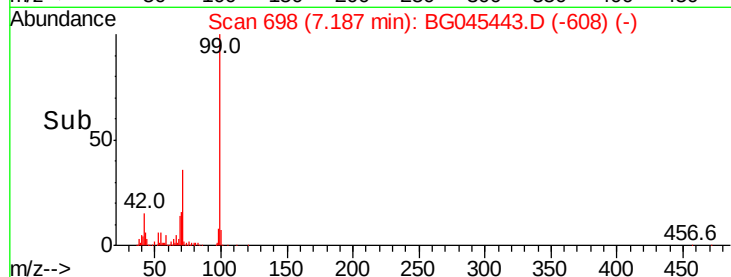
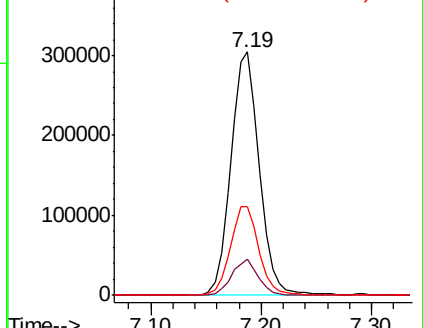
71 36.3 30.8 46.2



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: 2.061 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.07 min

Lab File: BG045443.D

Acq: 21 May 2020 17:01

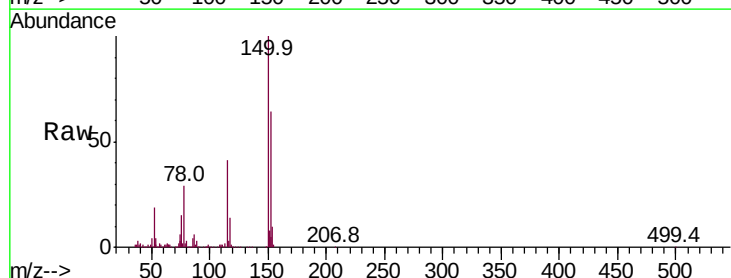
Tgt Ion: 79 Resp: 8521

Ion Ratio Lower Upper

79 100

108 33.9 58.2 87.4#

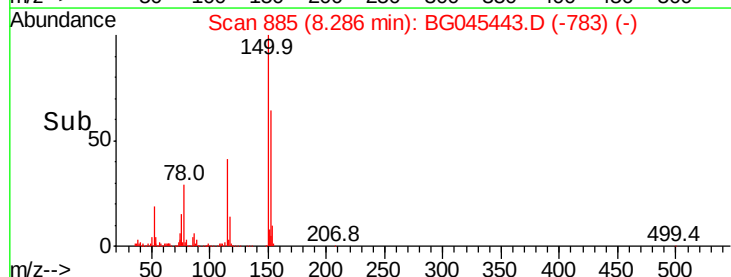
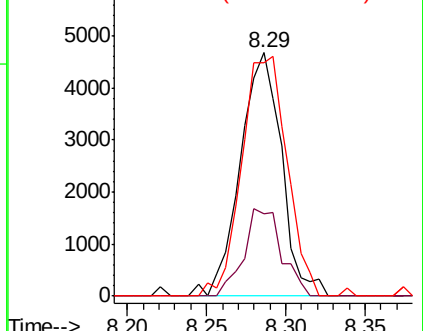
77 95.8 51.0 76.4#

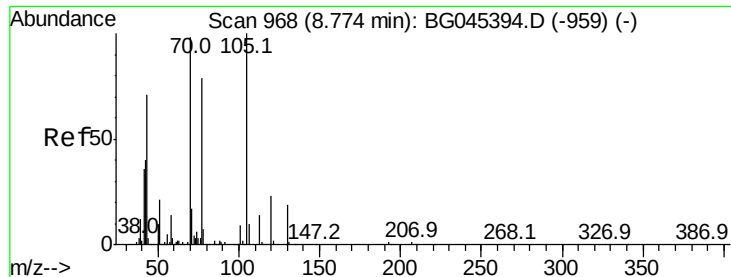


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

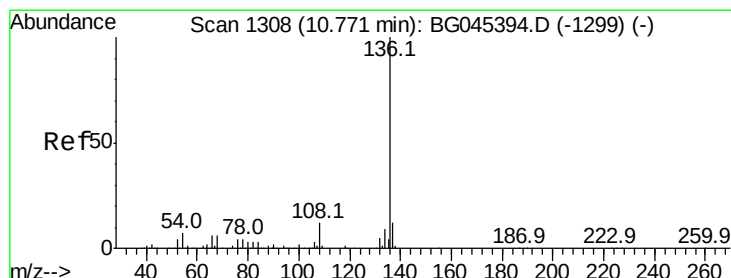
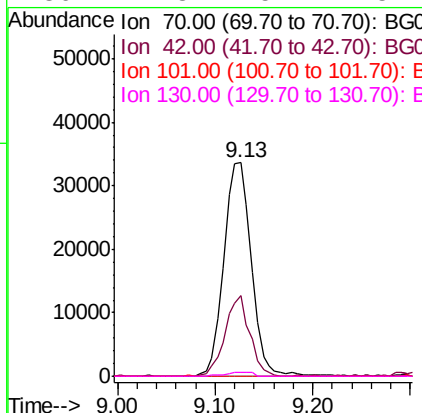
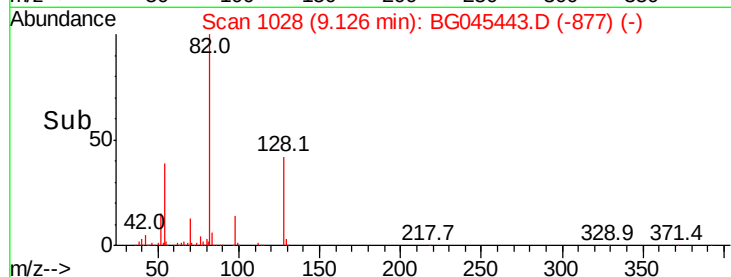
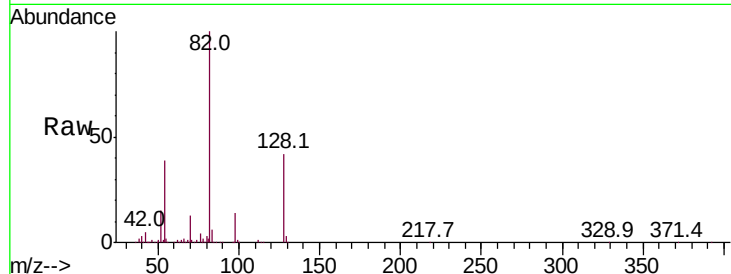




#19
n-Nitroso-di-n-propylamine
Concen: 18.971 ng
RT: 9.13 min Scan# 1028
Delta R.T. 0.36 min
Lab File: BG045443.D
Acq: 21 May 2020 17:01

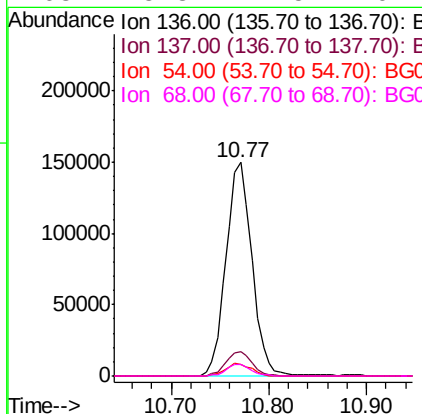
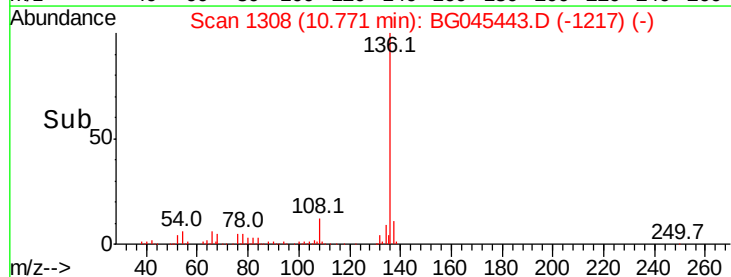
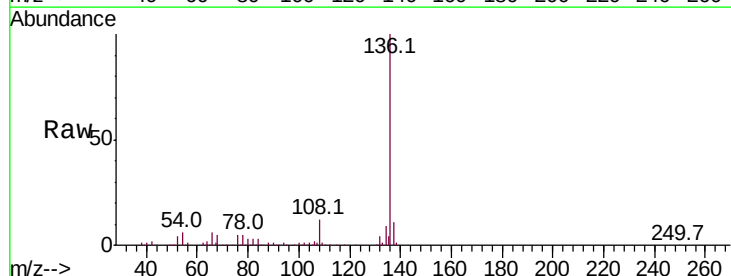
Instrument :
BNA_G
ClientSampleId :
PS-STOCK-4

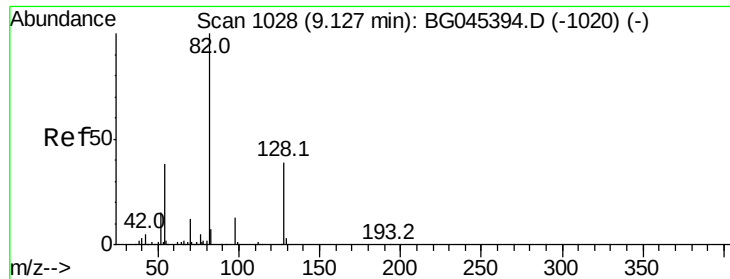
Tot Ion: 70 Resp: 65653
Ion Ratio Lower Upper
70 100
42 38.0 33.2 49.8
101 0.0 7.8 11.6#
130 1.8 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BG045443.D
Acq: 21 May 2020 17:01

Tgt Ion: 136 Resp: 277806
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.2
54 5.5 5.8 8.6#
68 5.3 4.5 6.7

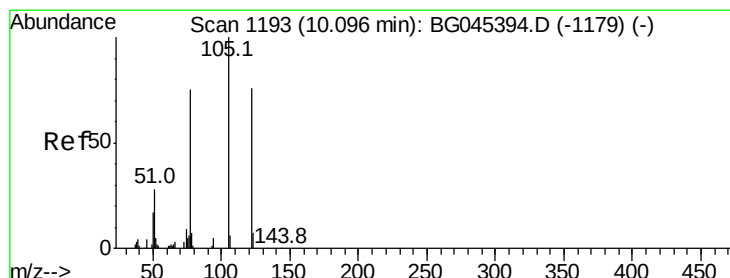
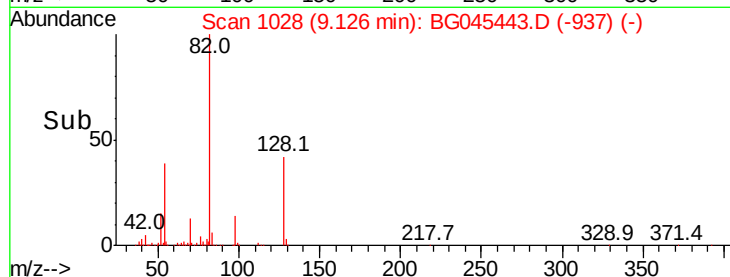
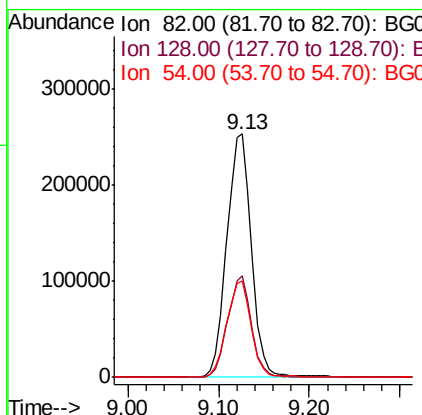
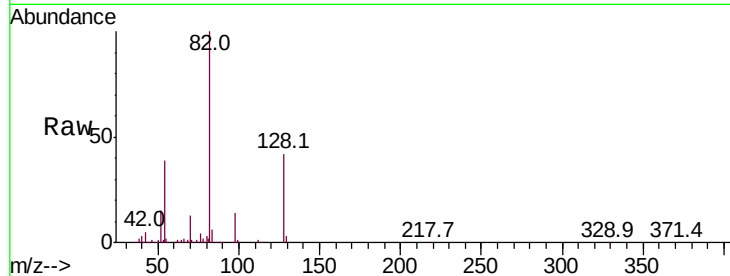




#23
 Nitrobenzene-d5
 Concen: 94.020 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG045443.D
 Acq: 21 May 2020 17:01

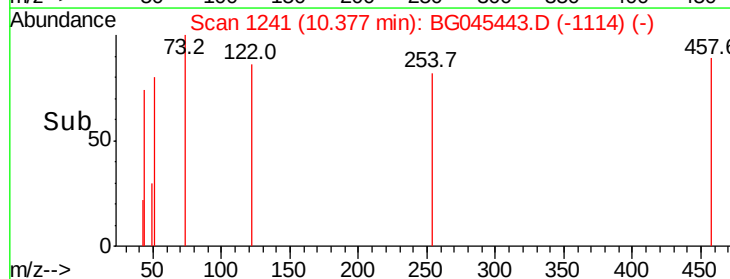
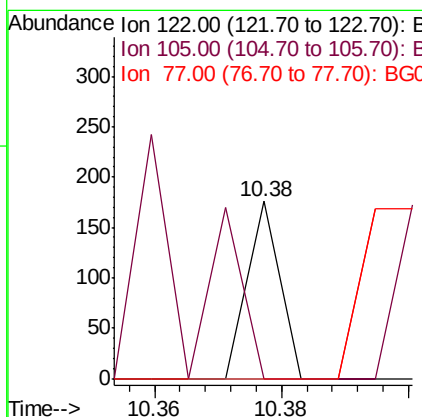
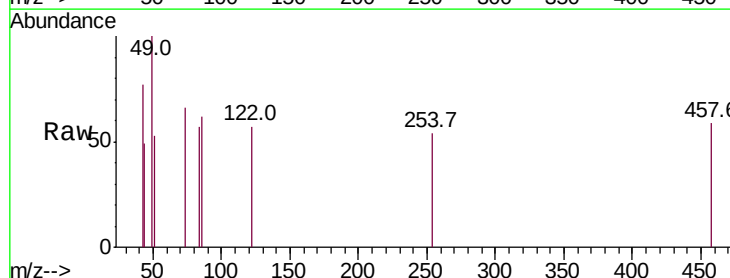
Instrument :
 BNA_G
 ClientSampleId :
 PS-STOCK-4

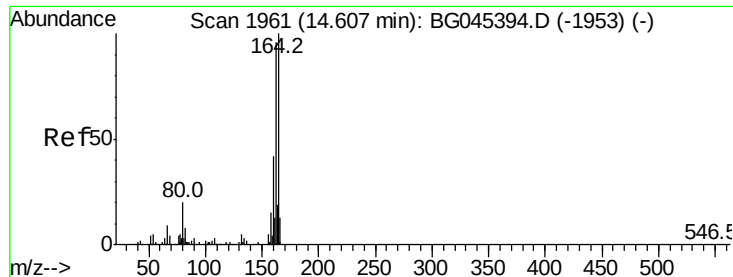
Tot Ion	82	Resp	478974
Ion Ratio	Lower	Upper	
82	100		
128	41.8	30.9	46.3
54	39.4	30.3	45.5



#32
 Benzoic acid
 Concen: 10.043 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. 0.21 min
 Lab File: BG045443.D
 Acq: 21 May 2020 17:01

Tgt Ion	122	Resp	62
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# 1961

Delta R.T. 0.00 min

Lab File: BG045443.D

Acq: 21 May 2020 17:01

Instrument :

BNA_G

ClientSampleId :

PS-STOCK-4

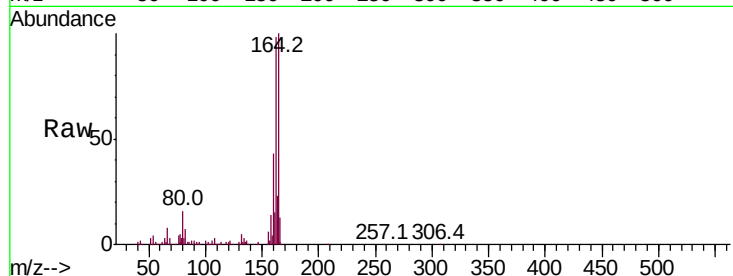
Tot Ion:164 Resp: 203384

Ion Ratio Lower Upper

164 100

162 98.4 76.9 115.3

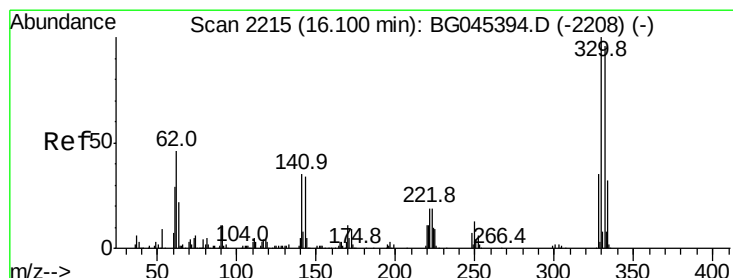
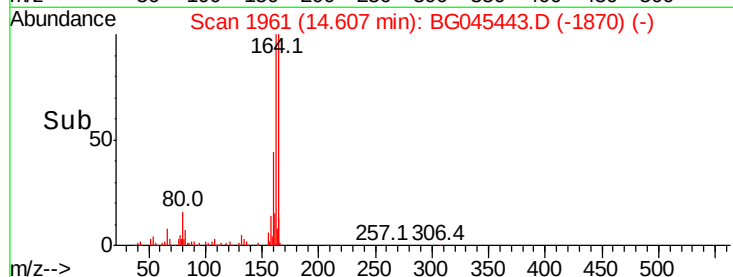
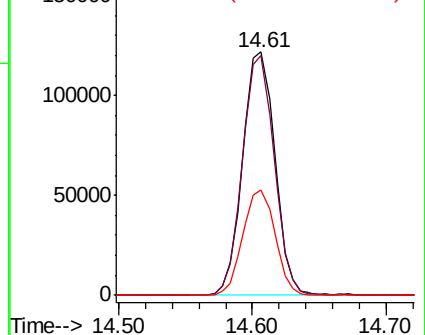
160 43.4 33.8 50.8



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: 150.594 ng

RT: 16.10 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BG045443.D

Acq: 21 May 2020 17:01

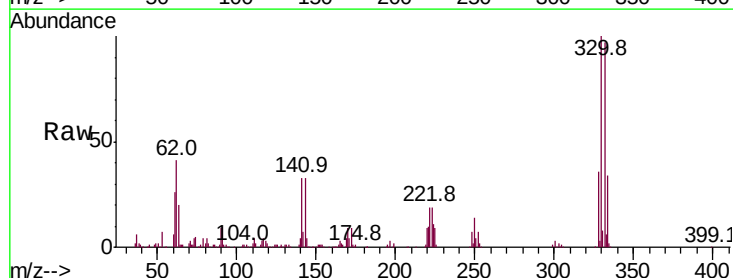
Tgt Ion:330 Resp: 391703

Ion Ratio Lower Upper

330 100

332 98.2 78.2 117.4

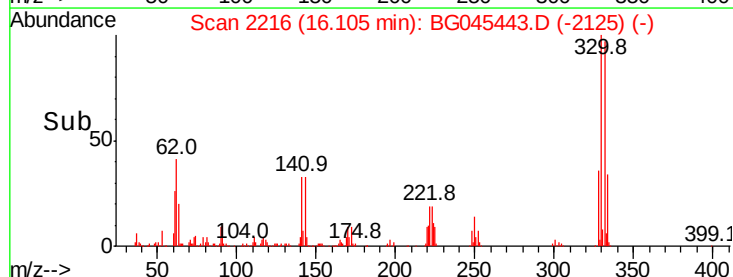
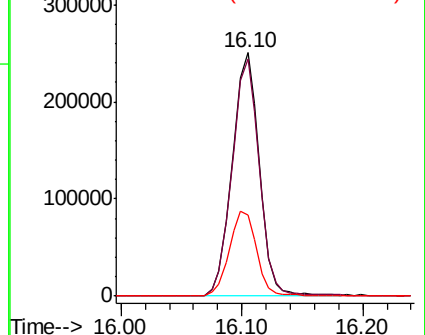
141 35.2 28.2 42.4

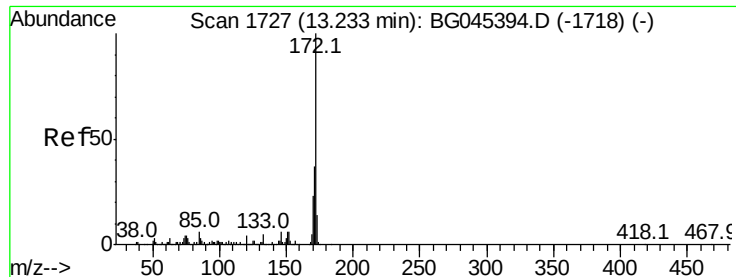


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 95.747 ng

RT: 13.23 min Scan# 1726

Delta R.T. -0.00 min

Lab File: BG045443.D

Acq: 21 May 2020 17:01

Instrument :

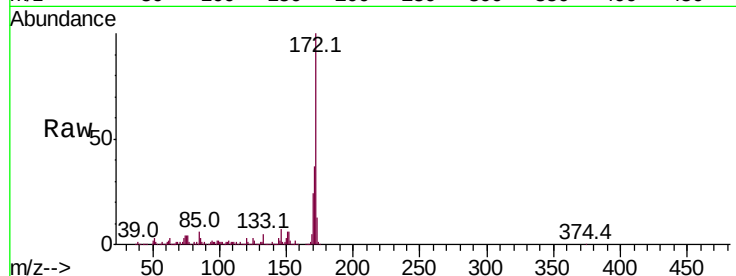
BNA_G

ClientSampleId :

PS-STOCK-4

Tot Ion:172 Resp: 1148055

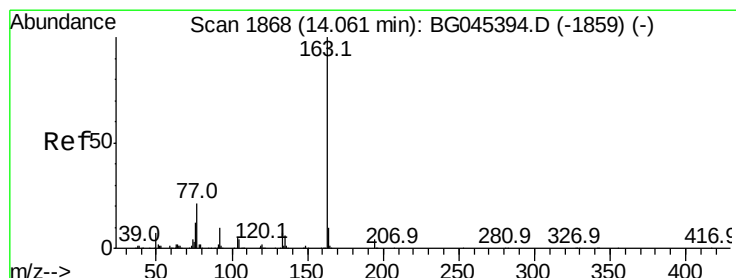
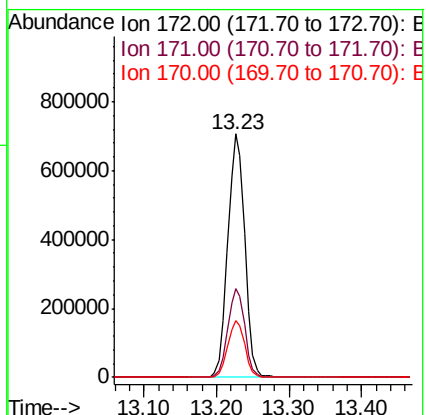
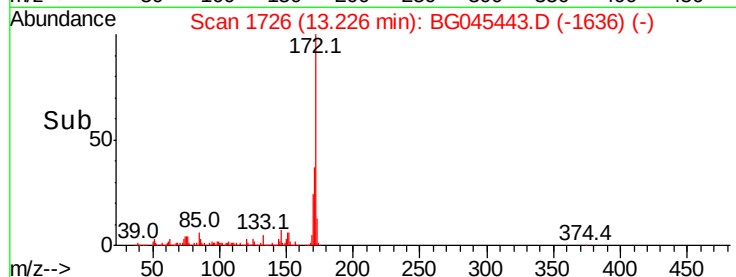
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.5	44.3
170	23.6	18.5	27.7



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: 8.587 ng

RT: 14.05 min Scan# 1867

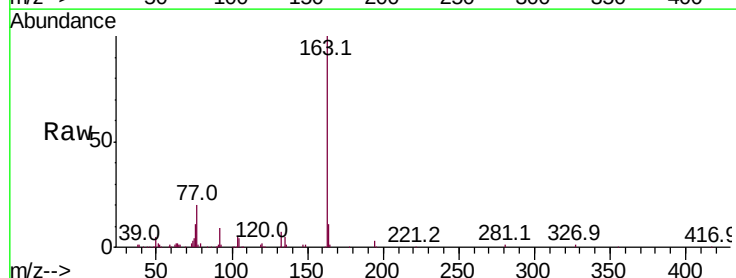
Delta R.T. -0.01 min

Lab File: BG045443.D

Acq: 21 May 2020 17:01

Tgt Ion:163 Resp: 119812

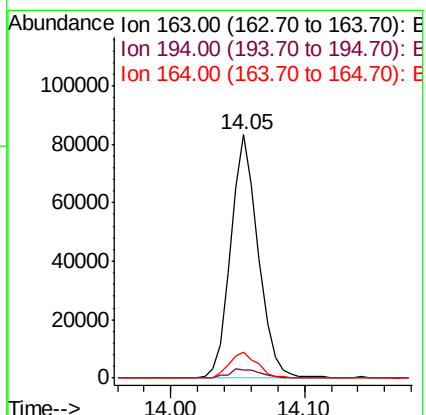
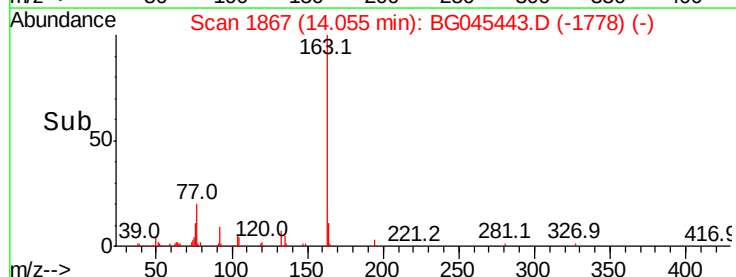
Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.2	4.8
164	10.8	8.3	12.5

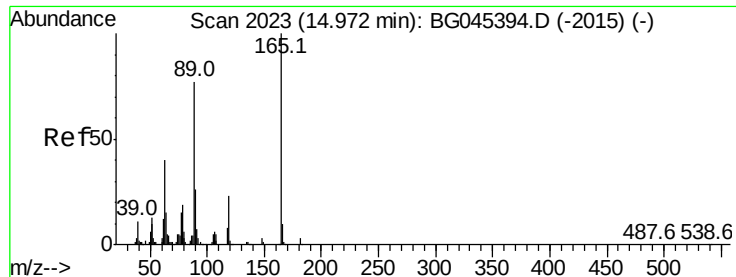


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

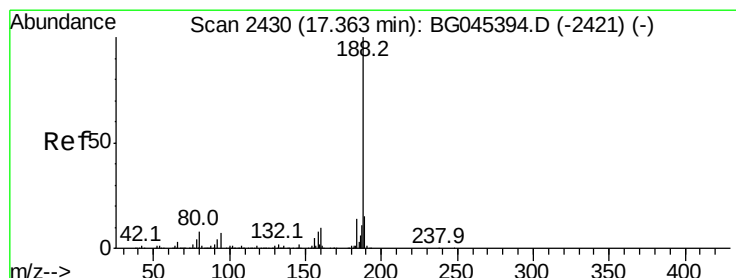
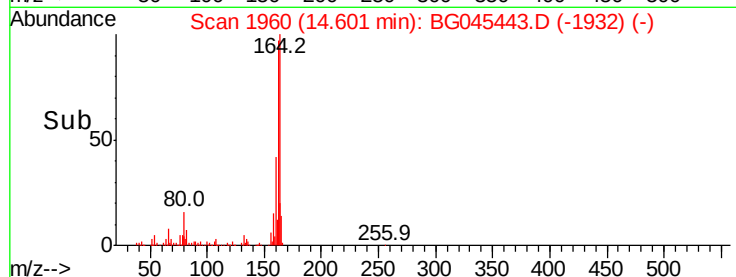
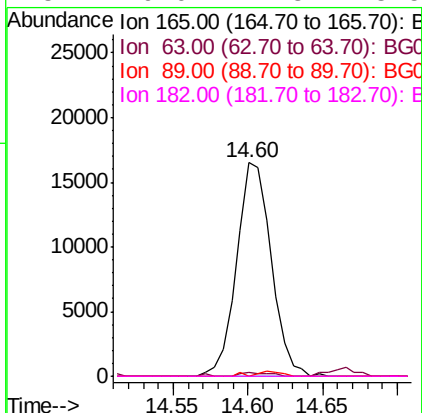
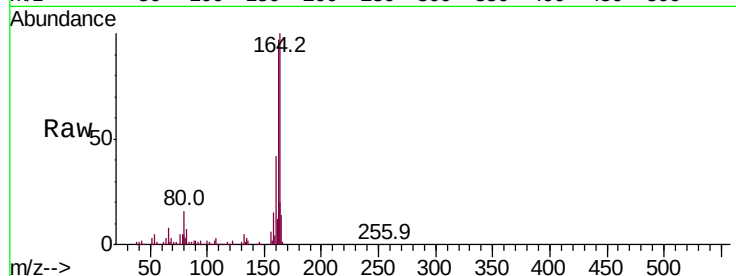




#57
 2,4-Dinitrotoluene
 Concen: 5.821 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. -0.37 min
 Lab File: BG045443.D
 Acq: 21 May 2020 17:01

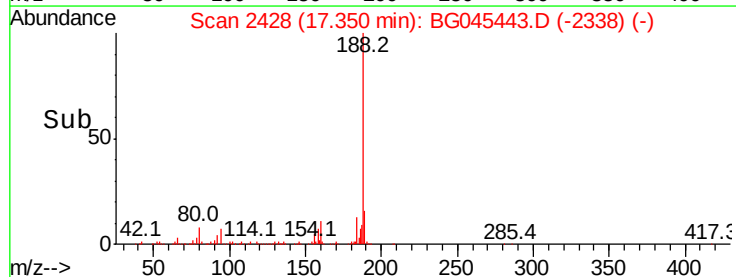
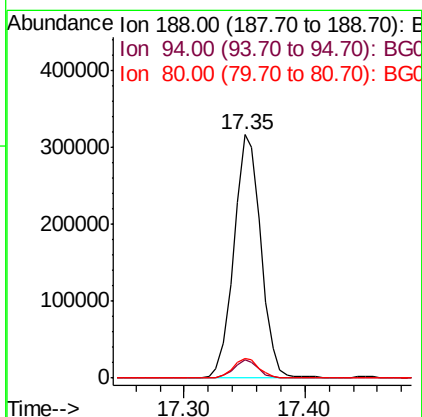
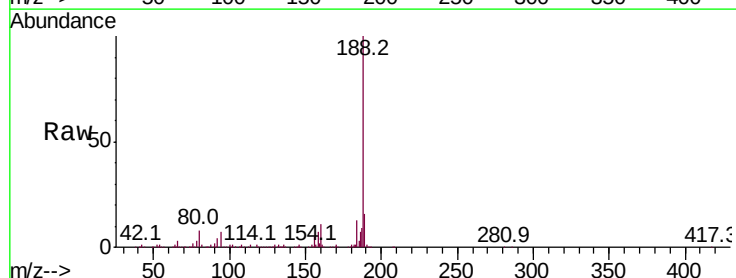
Instrument :
 BNA_G
 ClientSampleId :
 PS-STOCK-4

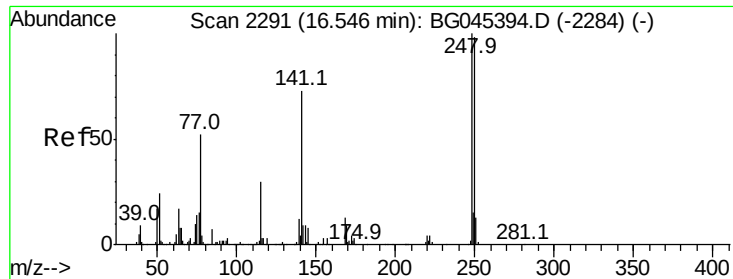
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	32.5	48.7#
89	0.0	61.8	92.6#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.35 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG045443.D
 Acq: 21 May 2020 17:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.5	8.3
80	8.2	6.6	10.0

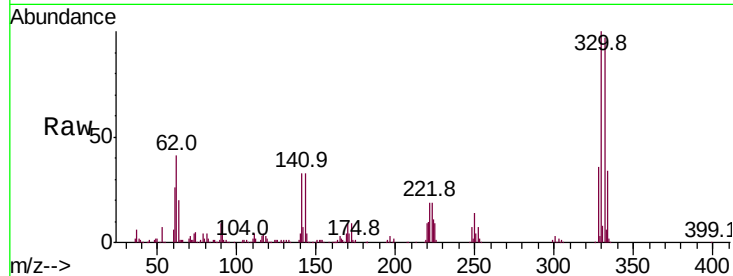




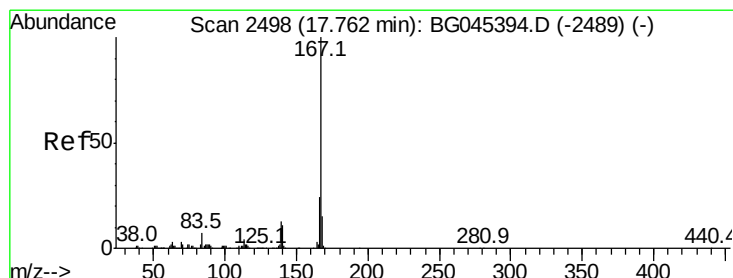
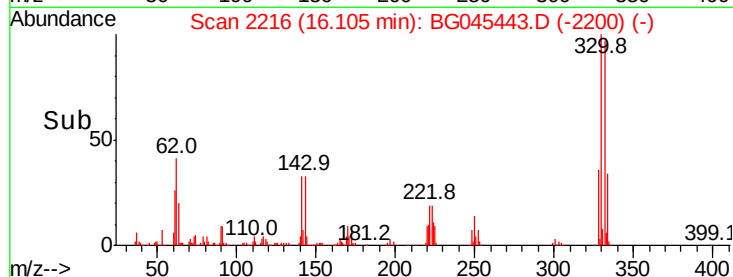
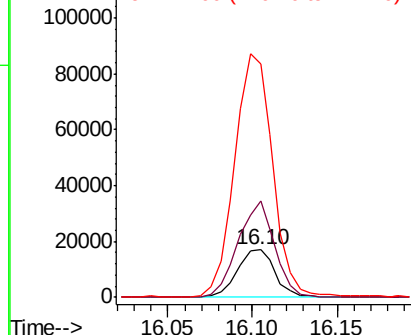
#67
 4-Bromophenyl-phenylether
 Concen: 4.981 ng
 RT: 16.10 min Scan# 2216
 Delta R.T. -0.44 min
 Lab File: BG045443.D
 Acq: 21 May 2020 17:01

Instrument :
 BNA_G
 ClientSampleId :
 PS-STOCK-4

Tot Ion:248 Resp: 26668
 Ion Ratio Lower Upper
 248 100
 250 203.7 78.6 117.8#
 141 492.8 58.2 87.2#

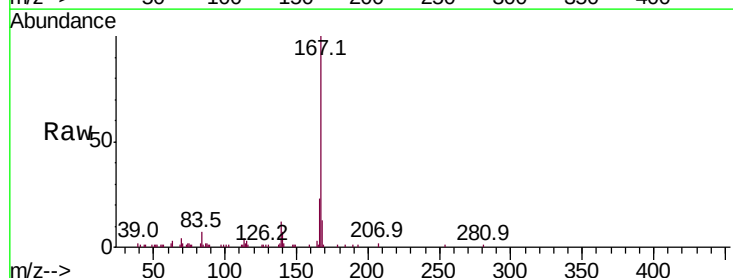


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

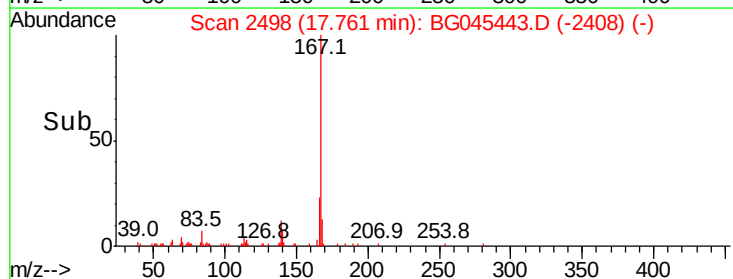
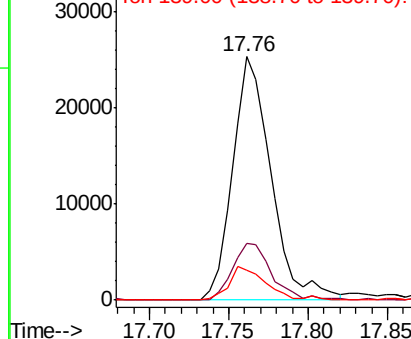


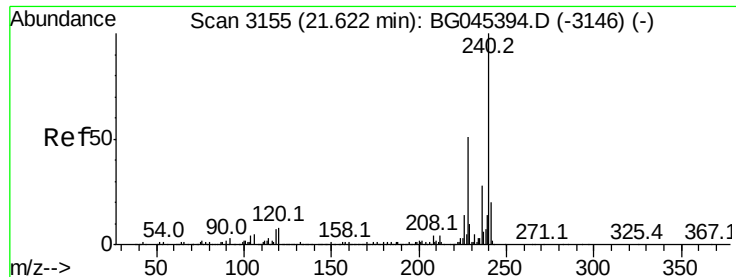
#73
 Carbazole
 Concen: 2.016 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: BG045443.D
 Acq: 21 May 2020 17:01

Tgt Ion:167 Resp: 42602
 Ion Ratio Lower Upper
 167 100
 166 23.3 19.2 28.8
 139 12.2 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

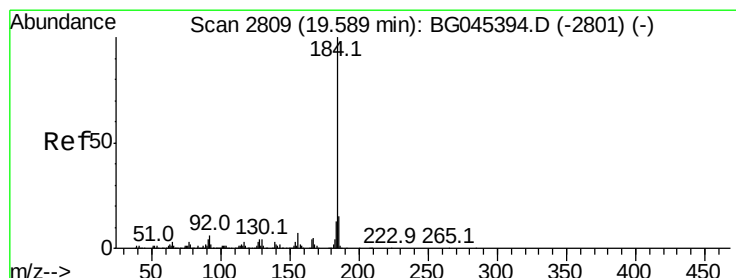
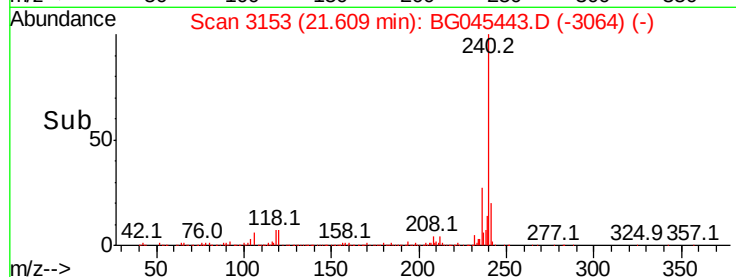
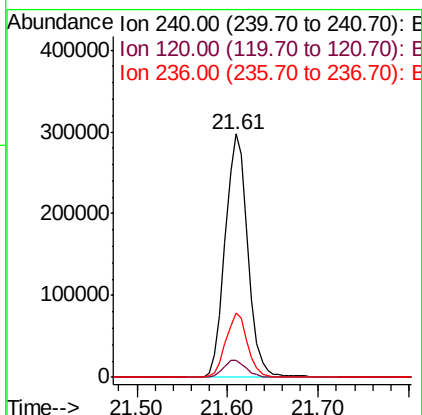
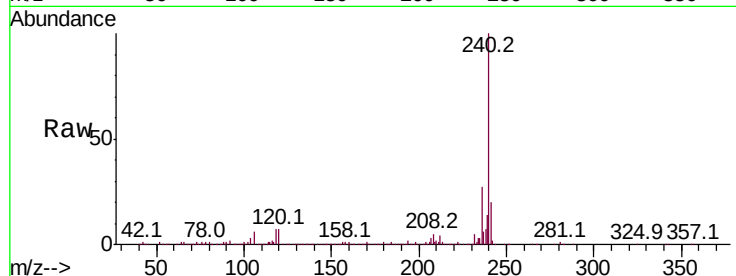




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG045443.D
Acq: 21 May 2020 17:01

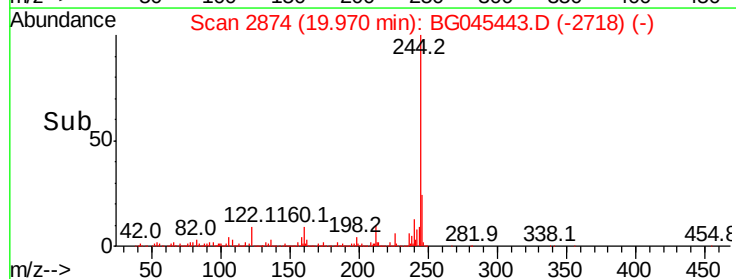
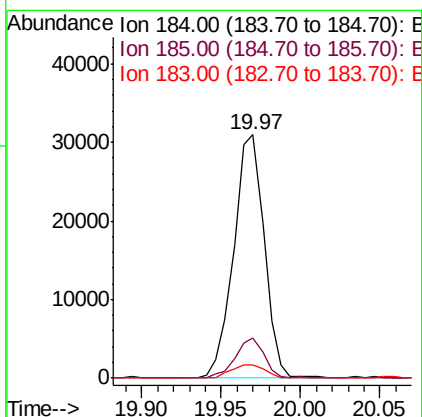
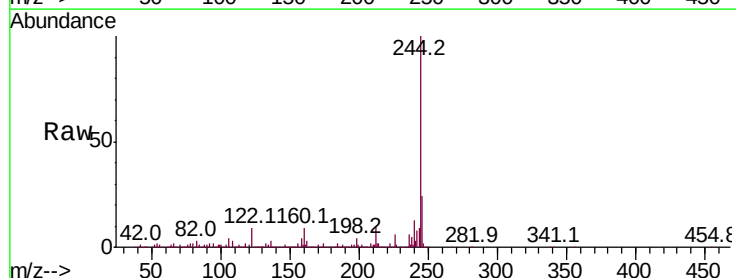
Instrument :
BNA_G
ClientSampleId :
PS-STOCK-4

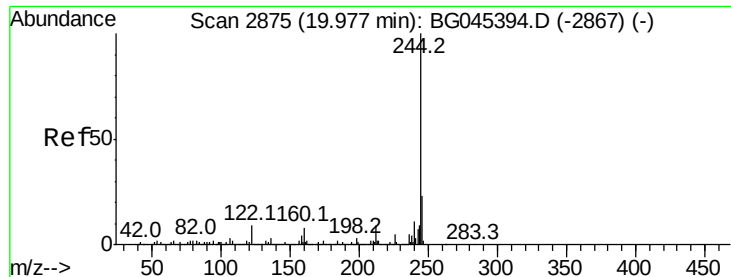
Tot Ion:240 Resp: 516504
Ion Ratio Lower Upper
240 100
120 7.2 6.1 9.1
236 26.6 22.3 33.5



#77
Benzidine
Concen: 2.847 ng
RT: 19.97 min Scan# 2874
Delta R.T. 0.38 min
Lab File: BG045443.D
Acq: 21 May 2020 17:01

Tgt Ion:184 Resp: 41304
Ion Ratio Lower Upper
184 100
185 16.7 11.7 17.5
183 5.6 10.2 15.4#





#79

Terphenyl-d14

Concen: 95.820 ng

RT: 19.97 min Scan# 2874

Delta R.T. 0.00 min

Lab File: BG045443.D

Acq: 21 May 2020 17:01

Instrument :

BNA_G

ClientSampleId :

PS-STOCK-4

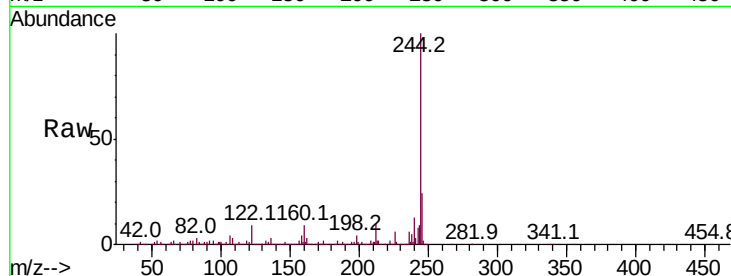
Tot Ion:244 Resp: 2122003

Ion Ratio Lower Upper

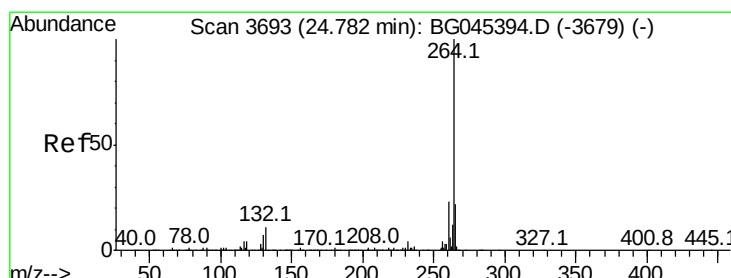
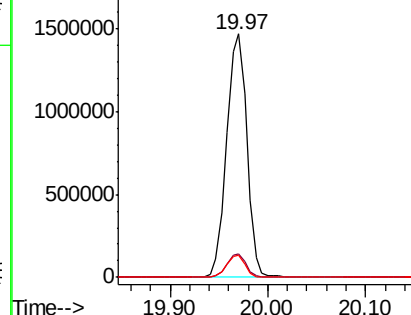
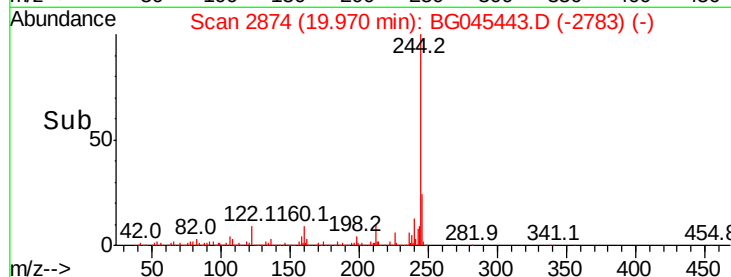
244 100

212 9.8 7.4 11.0

122 9.1 6.8 10.2



Abundance Ion 244.00 (243.70 to 244.70): E
2000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.76 min Scan# 3690

Delta R.T. -0.00 min

Lab File: BG045443.D

Acq: 21 May 2020 17:01

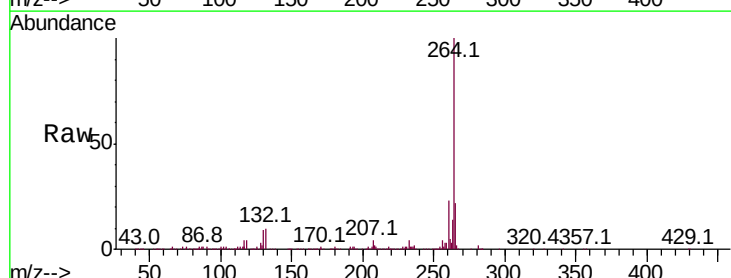
Tgt Ion:264 Resp: 545420

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

265 21.6 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E
250000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

