

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
 Data File : BG045634.D
 Acq On : 6 Jun 2020 4:20
 Operator : CG/JU
 Sample : L2814-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320

Quant Time: Jun 06 07:01:12 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

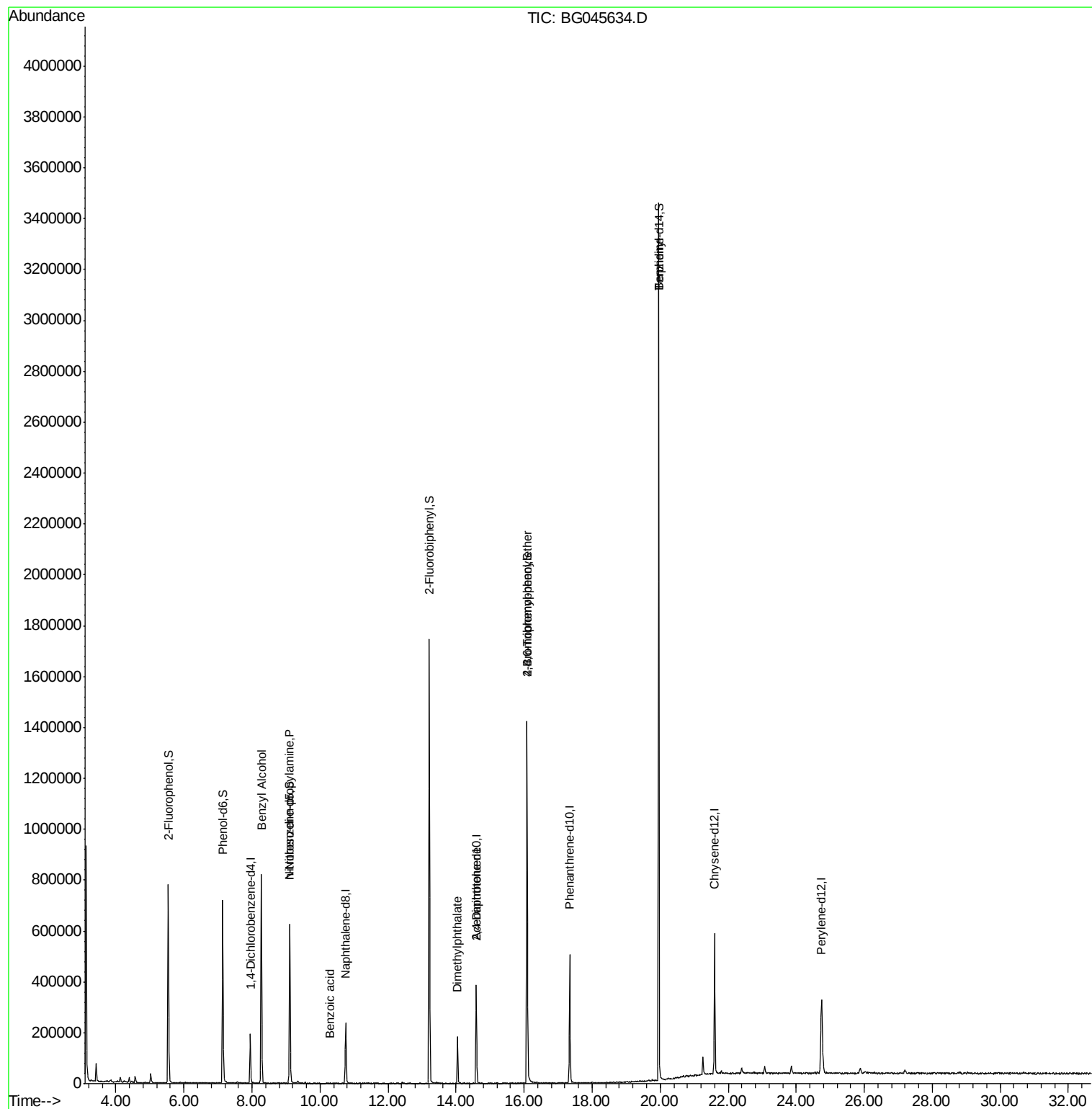
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	55638	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	222103	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	147400	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	341054	20.00	ng	0.00
76) Chrysene-d12	21.60	240	356476	20.00	ng	0.00
87) Perylene-d12	24.74	264	371374	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	381460	133.99	ng	0.00
7) Phenol-d6	7.14	99	463591	114.41	ng	0.00
23) Nitrobenzene-d5	9.11	82	437732	107.47	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	300663	159.50	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	957034	110.13	ng	0.00
79) Terphenyl-d14	19.96	244	1689582	110.54	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.28	79	7388	2.21	ng	# 48
19) n-Nitroso-di-n-propylamine	9.11	70	59565	21.26	ng	# 81
32) Benzoic acid	10.29	122	66	10.05	ng	# 1
50) Dimethylphthalate	14.04	163	128978	12.76	ng	98
57) 2,4-Dinitrotoluene	14.59	165	19033	5.76	ng	# 23
67) 4-Bromophenyl-phenylether	16.09	248	19649	5.32	ng	# 1
77) Benzidine	19.96	184	34391	3.44	ng	# 89

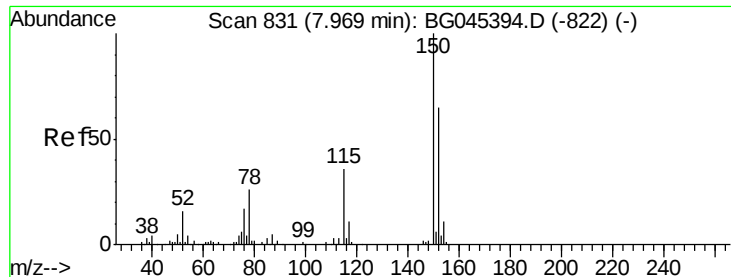
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 06 07:01:12 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: 20.00 ng

RT: 7.95 min Scan# 828

Delta R.T. 0.00 min

Lab File: BG045634.D

Acq: 6 Jun 2020 4:20

Instrument :

BNA_G

ClientSampleId :

PL-01-060320

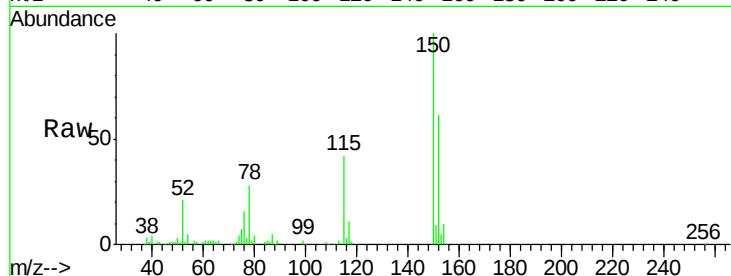
Tgt Ion:152 Resp: 55638

Ion Ratio Lower Upper

152 100

150 162.8 122.4 183.6

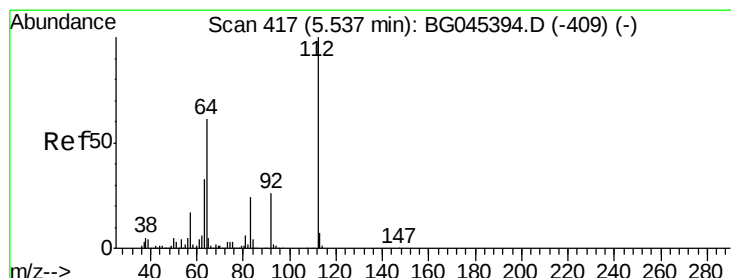
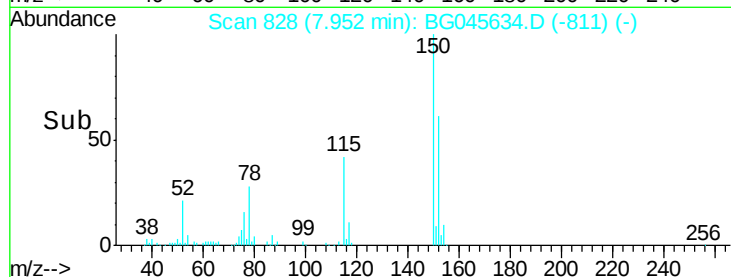
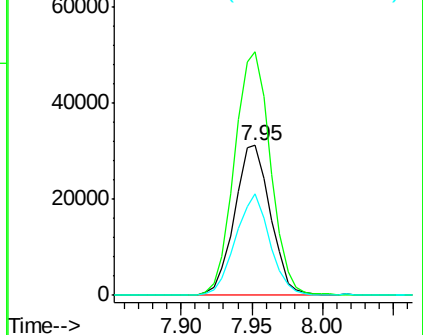
115 67.6 44.2 66.4#



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: 133.99 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045634.D

Acq: 6 Jun 2020 4:20

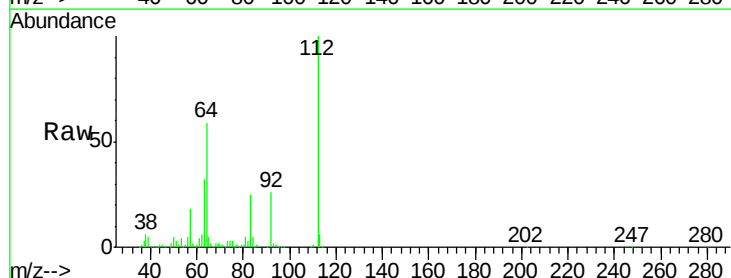
Tgt Ion:112 Resp: 381460

Ion Ratio Lower Upper

112 100

64 58.7 48.6 72.8

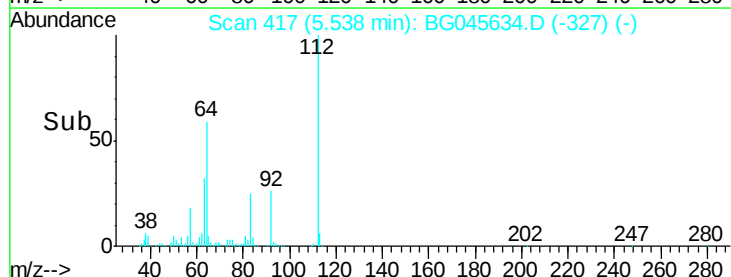
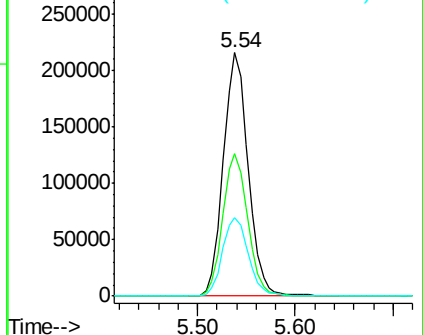
63 32.1 26.5 39.7



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: 114.41 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045634.D

Acq: 6 Jun 2020 4:20

Instrument :

BNA_G

ClientSampleId :

PL-01-060320

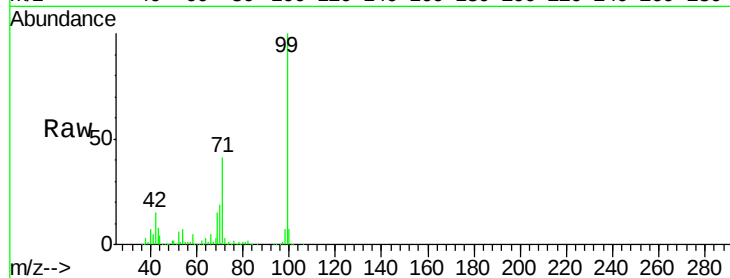
Tgt Ion: 99 Resp: 463591

Ion Ratio Lower Upper

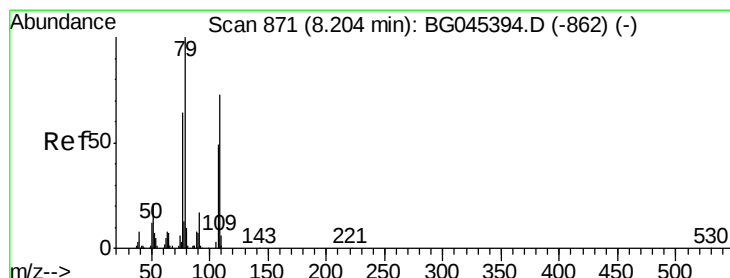
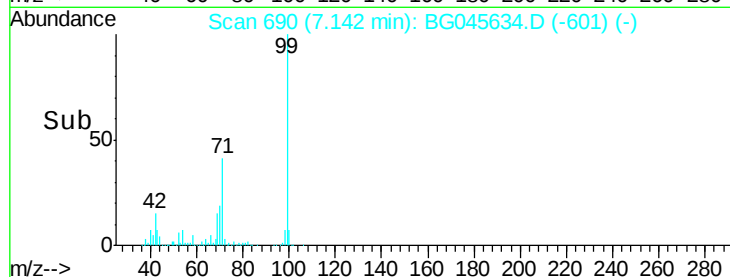
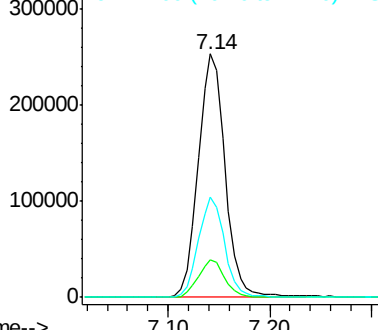
99 100

42 15.4 11.3 16.9

71 41.2 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: 2.21 ng

RT: 8.28 min Scan# 883

Delta R.T. 0.08 min

Lab File: BG045634.D

Acq: 6 Jun 2020 4:20

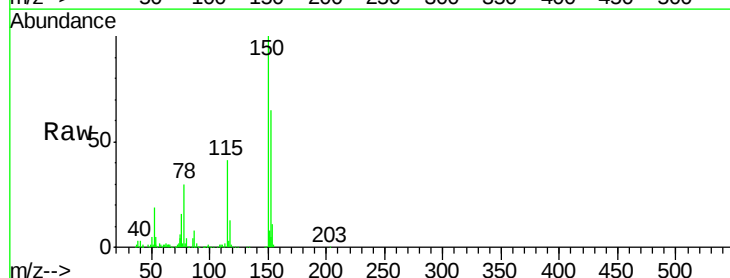
Tgt Ion: 79 Resp: 7388

Ion Ratio Lower Upper

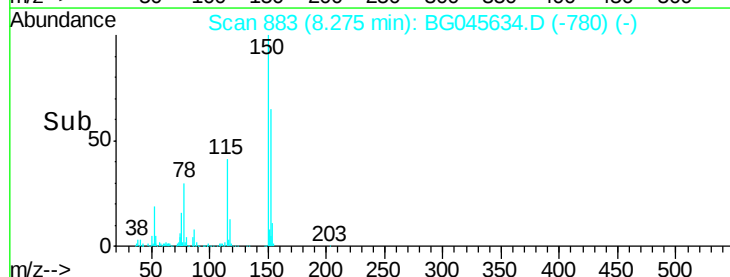
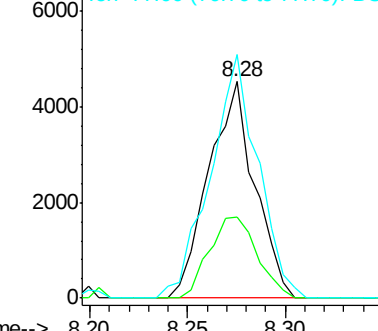
79 100

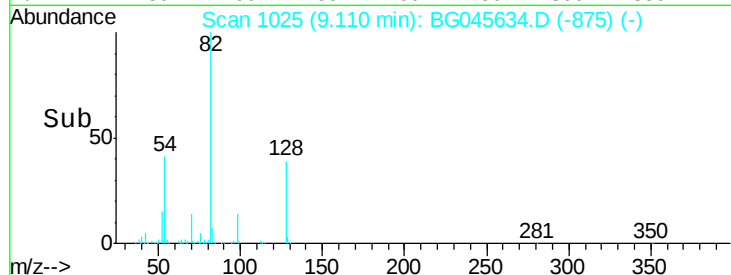
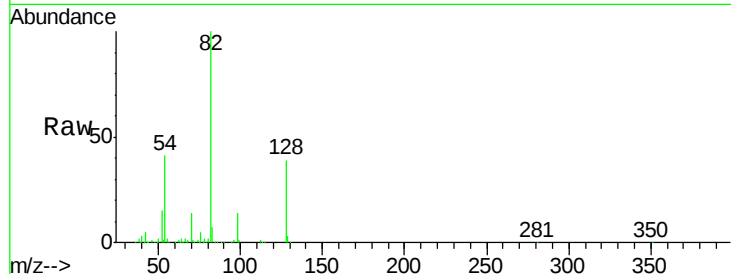
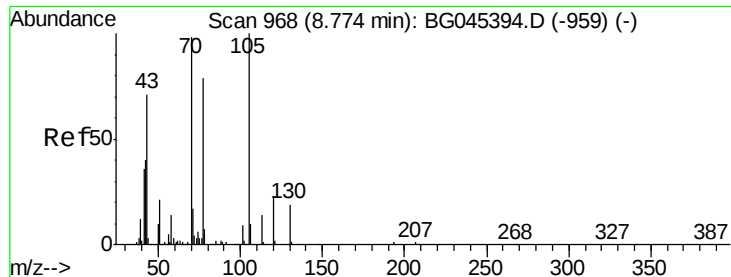
108 37.4 58.2 87.4#

77 112.5 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

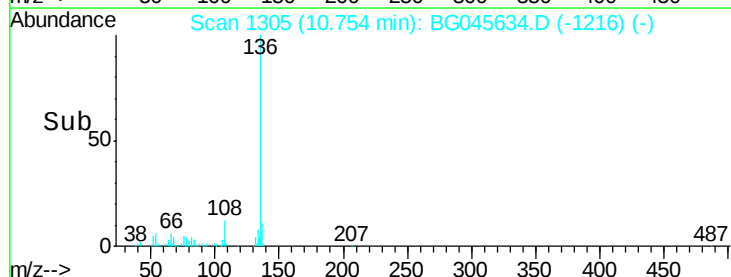
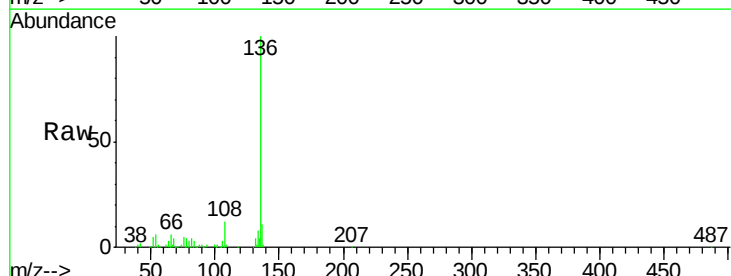
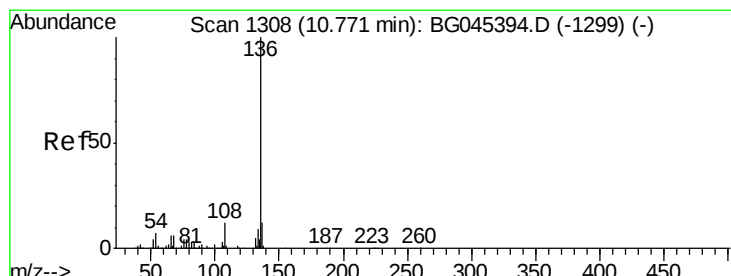
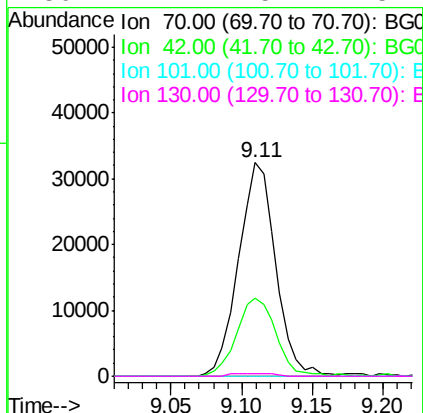




#19
n-Nitroso-di-n-propylamine
Concen: 21.26 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.35 min
Lab File: BG045634.D
Acq: 6 Jun 2020 4:20

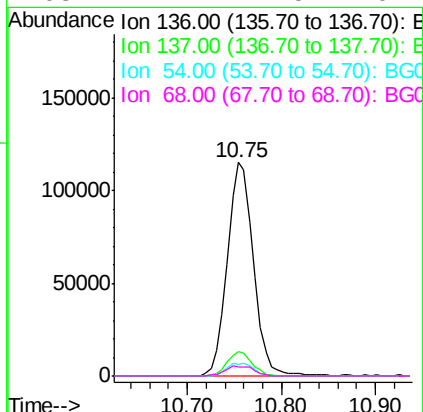
Instrument :
BNA_G
ClientSampleId :
PL-01-060320

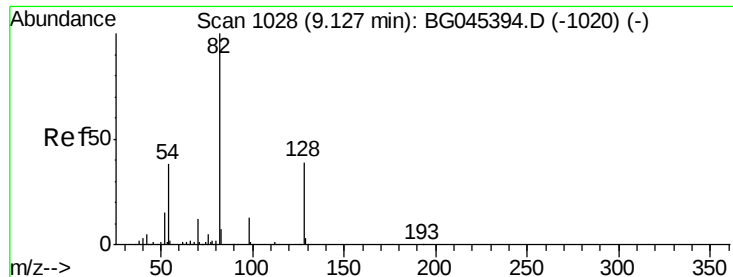
Tgt Ion:	70	Resp:	59565
Ion Ratio	Lower	Upper	
70	100		
42	36.6	33.2	49.8
101	0.0	7.8	11.6#
130	1.2	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG045634.D
Acq: 6 Jun 2020 4:20

Tgt Ion:	136	Resp:	222103
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.4	14.2
54	5.6	5.8	8.6#
68	4.2	4.5	6.7#

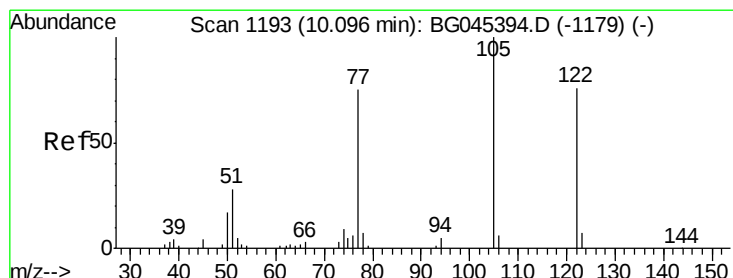
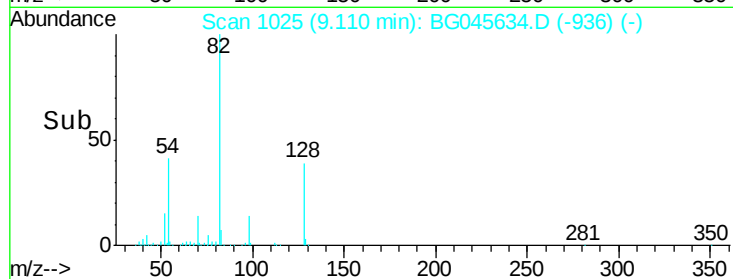
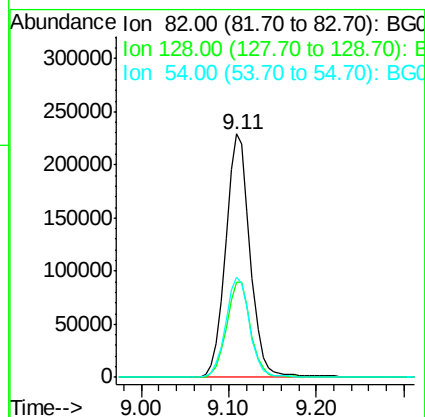
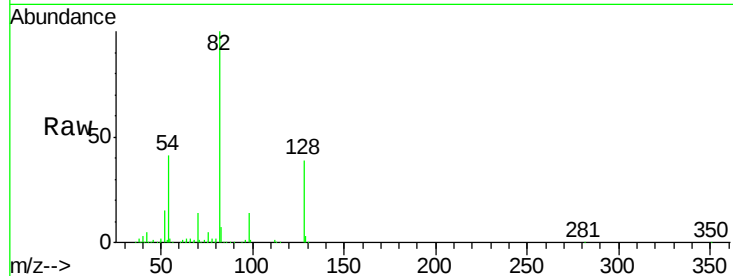




#23
 Nitrobenzene-d5
 Concen: 107.47 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045634.D
 Acq: 6 Jun 2020 4:20

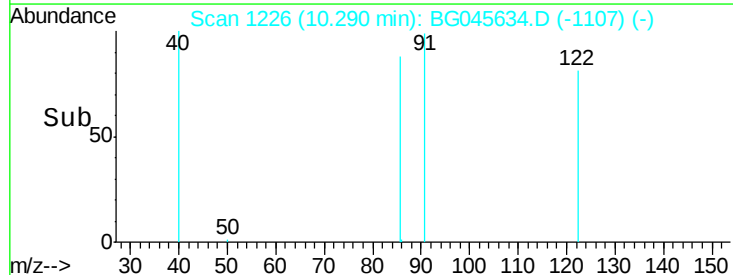
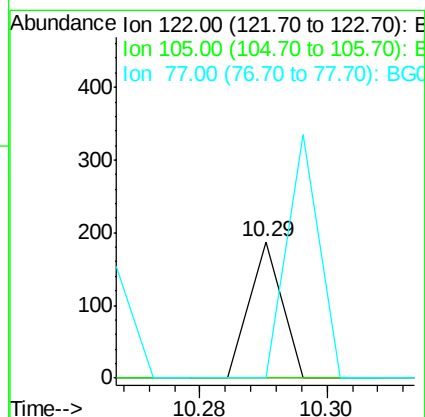
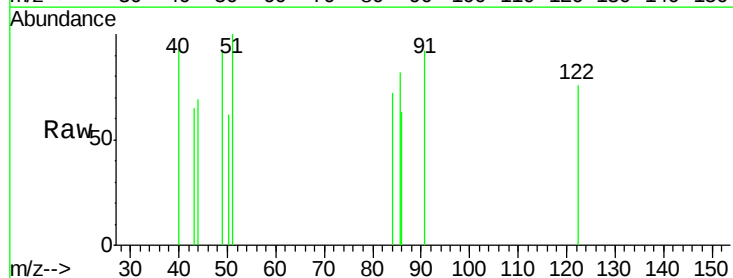
Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320

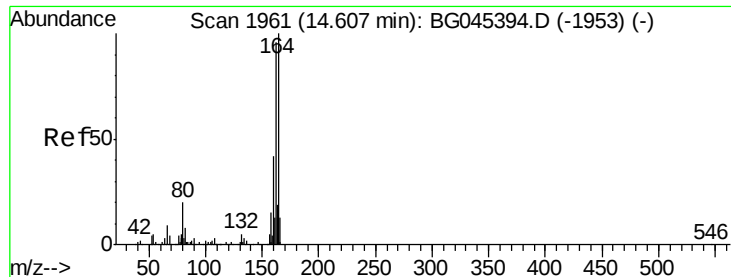
Tgt Ion: 82 Resp: 437732
 Ion Ratio Lower Upper
 82 100
 128 39.0 30.9 46.3
 54 41.1 30.3 45.5



#32
 Benzoic acid
 Concen: 10.05 ng
 RT: 10.29 min Scan# 1226
 Delta R.T. 0.17 min
 Lab File: BG045634.D
 Acq: 6 Jun 2020 4:20

Tgt Ion: 122 Resp: 66
 Ion Ratio Lower Upper
 122 100
 105 0.0 107.9 147.9#
 77 0.0 78.9 118.9#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045634.D

Acq: 6 Jun 2020 4:20

Instrument :

BNA_G

ClientSampleId :

PL-01-060320

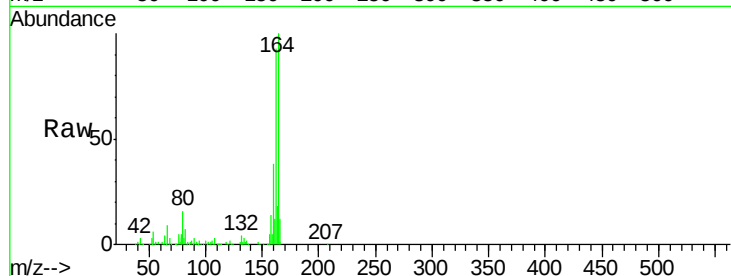
Tgt Ion:164 Resp: 147400

Ion Ratio Lower Upper

164 100

162 92.9 76.9 115.3

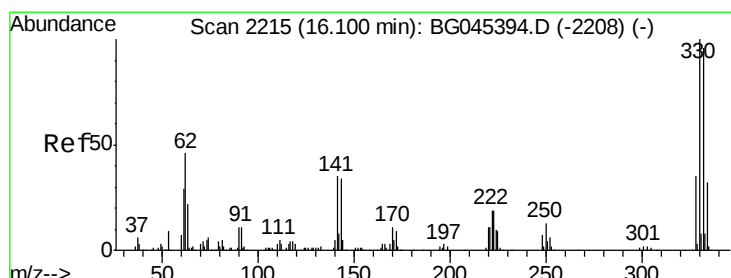
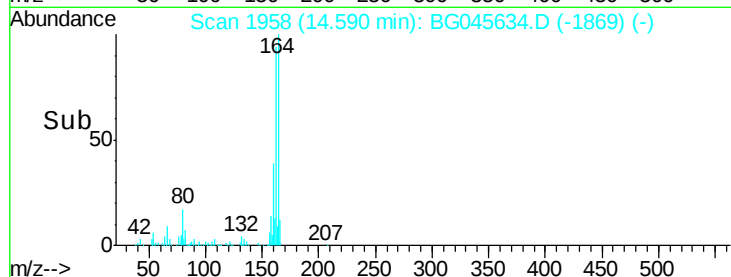
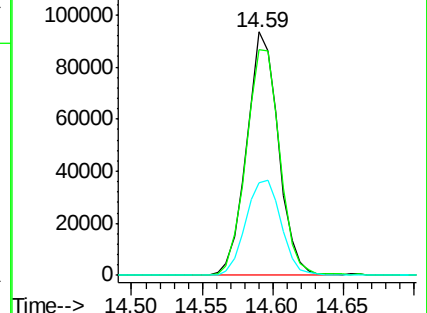
160 38.2 33.8 50.8



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: 159.50 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG045634.D

Acq: 6 Jun 2020 4:20

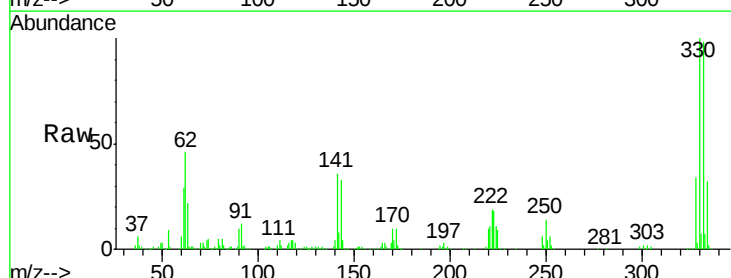
Tgt Ion:330 Resp: 300663

Ion Ratio Lower Upper

330 100

332 98.0 78.2 117.4

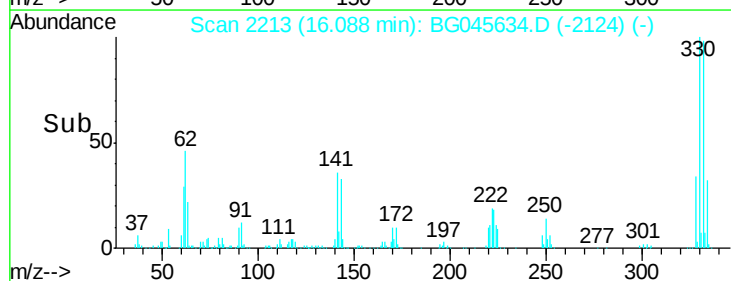
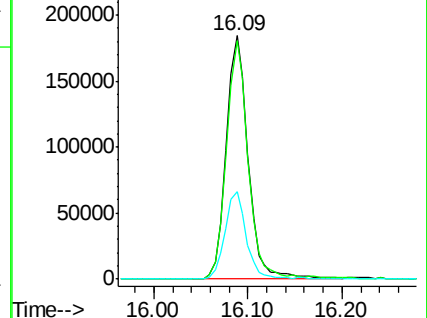
141 34.8 28.2 42.4

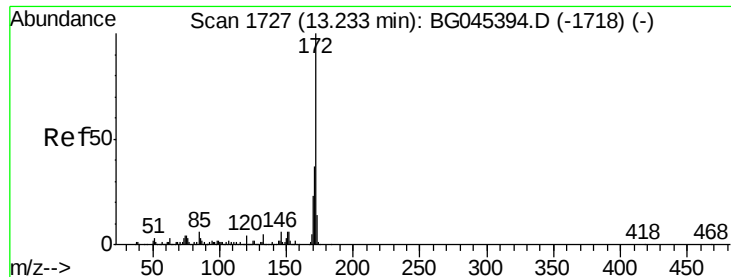


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

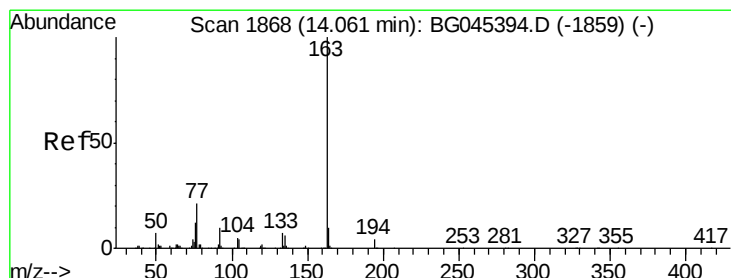
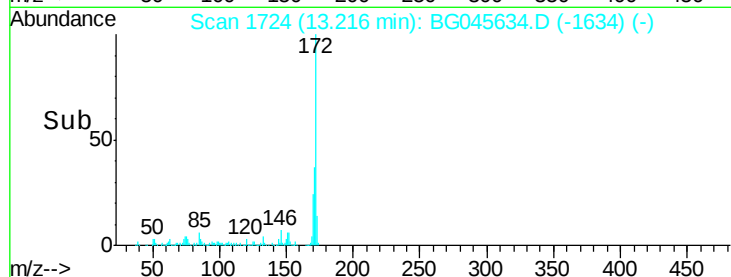
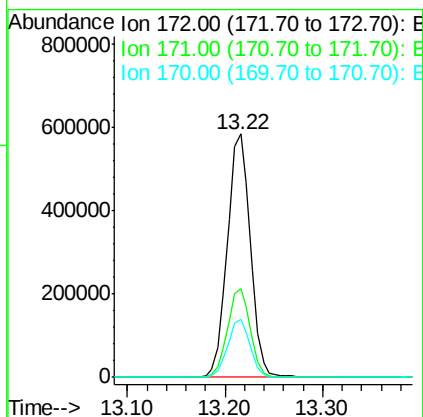
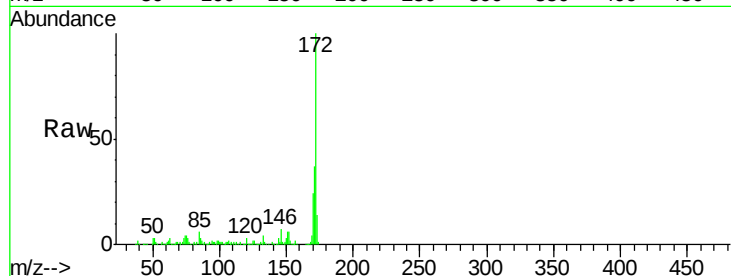




#45
2-Fluorobiphenyl
Concen: 110.13 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045634.D
Acq: 6 Jun 2020 4:20

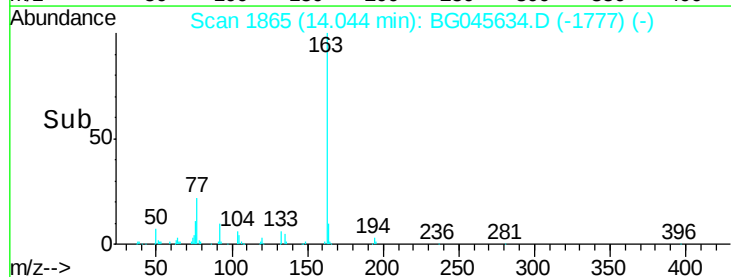
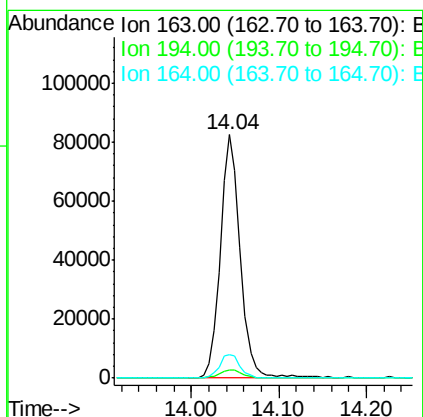
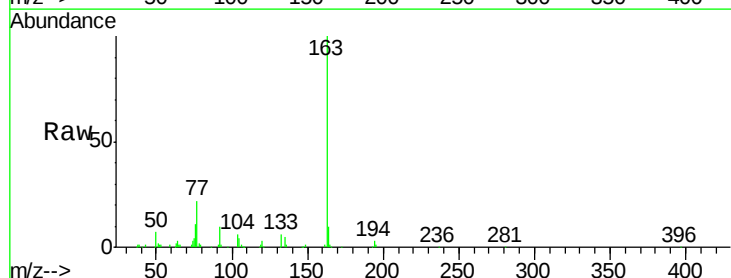
Instrument :
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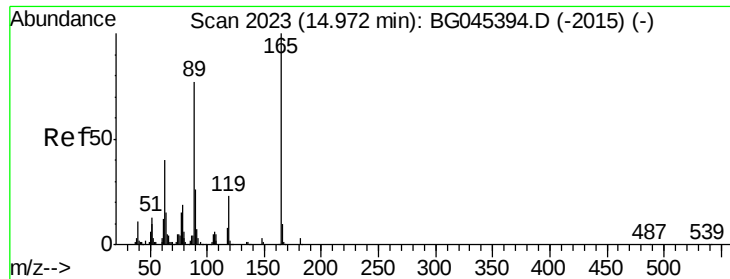
Tgt Ion:172 Resp: 957034
Ion Ratio Lower Upper
172 100
171 36.6 29.5 44.3
170 23.7 18.5 27.7



#50
Dimethylphthalate
Concen: 12.76 ng
RT: 14.04 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG045634.D
Acq: 6 Jun 2020 4:20

Tgt Ion:163 Resp: 128978
Ion Ratio Lower Upper
163 100
194 3.4 3.2 4.8
164 9.8 8.3 12.5

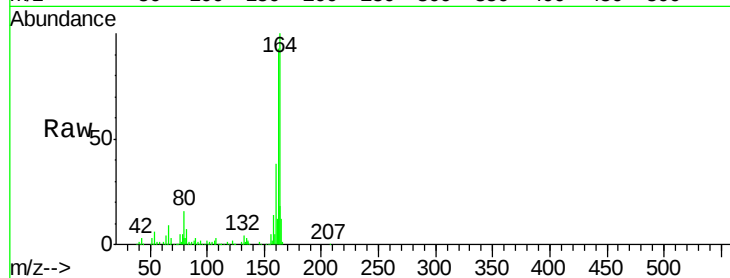




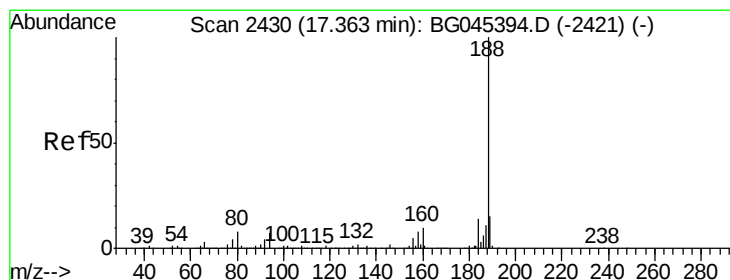
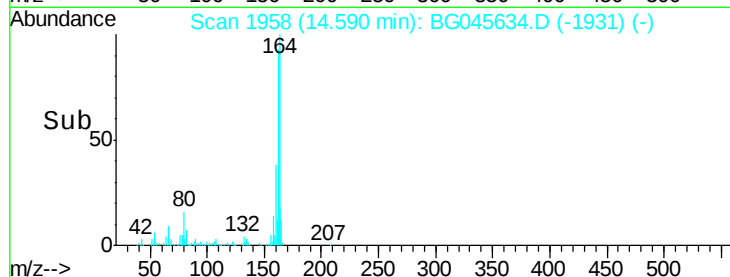
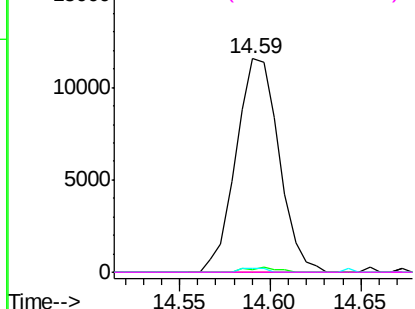
#57
2,4-Dinitrotoluene
Concen: 5.76 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.37 min
Lab File: BG045634.D
Acq: 6 Jun 2020 4:20

Instrument :
BNA_G
ClientSampleId :
PL-01-060320

Tgt Ion:165 Resp: 19033
Ion Ratio Lower Upper
165 100
63 1.4 32.5 48.7#
89 1.7 61.8 92.6#
182 0.0 2.3 3.5#

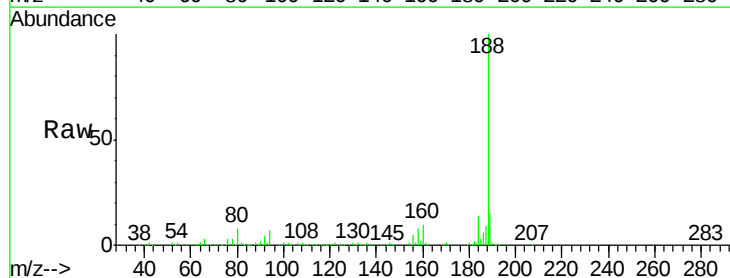


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

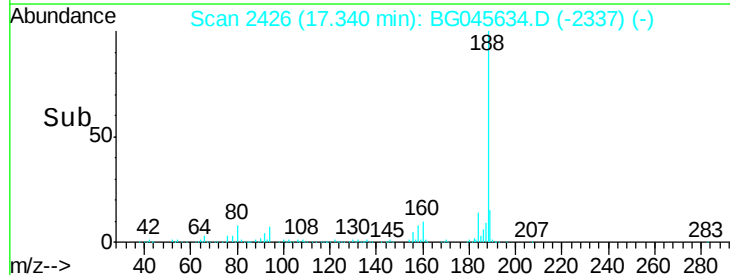
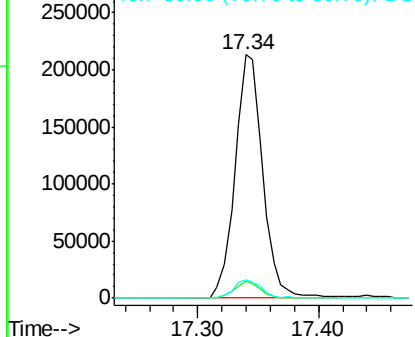


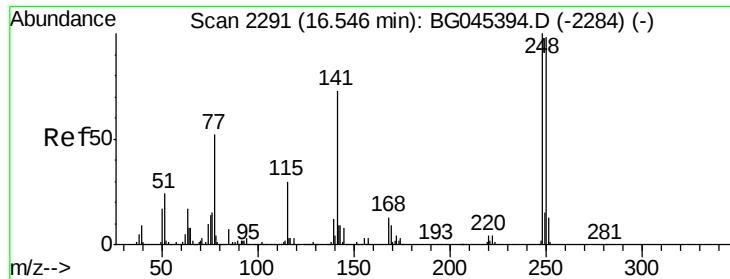
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG045634.D
Acq: 6 Jun 2020 4:20

Tgt Ion:188 Resp: 341054
Ion Ratio Lower Upper
188 100
94 7.0 5.5 8.3
80 7.7 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

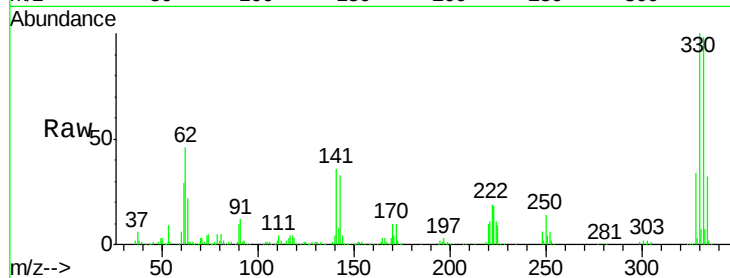




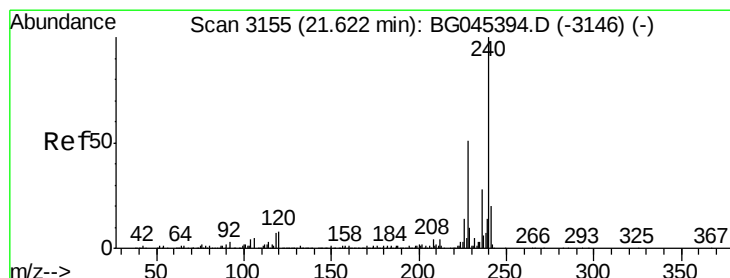
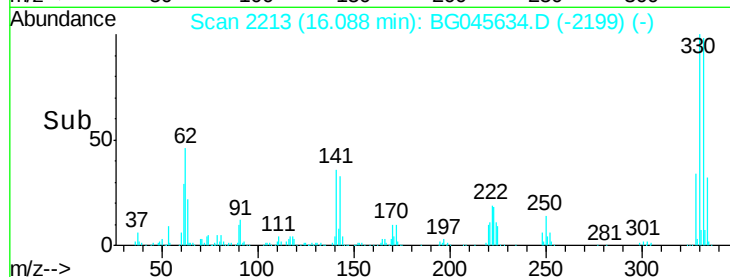
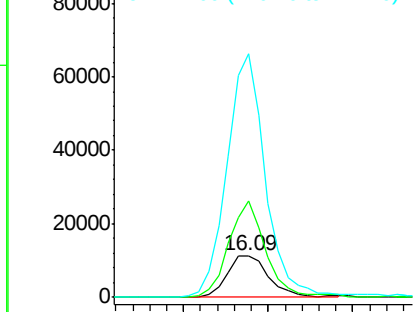
#67
 4-Bromophenyl-phenylether
 Concen: 5.32 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.45 min
 Lab File: BG045634.D
 Acq: 6 Jun 2020 4:20

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320

Tgt Ion:248 Resp: 19649
 Ion Ratio Lower Upper
 248 100
 250 229.5 78.6 117.8#
 141 579.4 58.2 87.2#

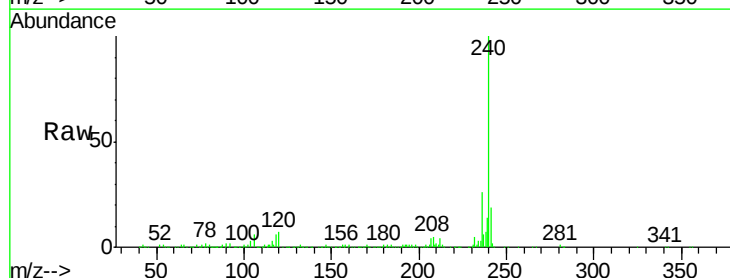


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

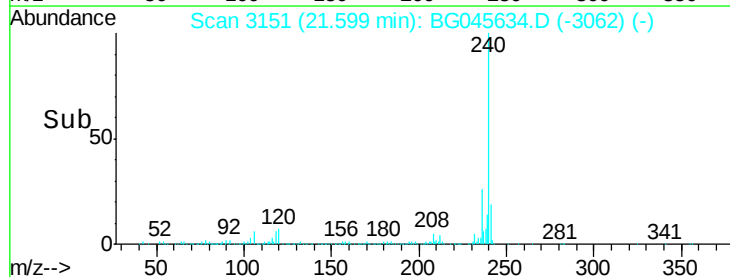
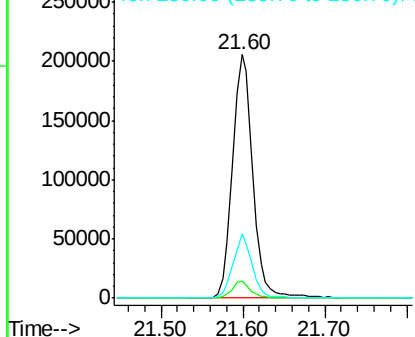


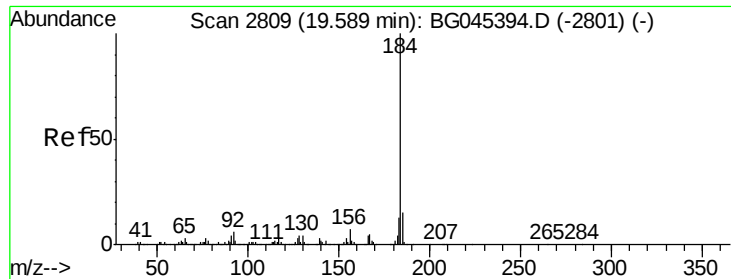
#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.00 min
 Lab File: BG045634.D
 Acq: 6 Jun 2020 4:20

Tgt Ion:240 Resp: 356476
 Ion Ratio Lower Upper
 240 100
 120 6.9 6.1 9.1
 236 26.3 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: 3.44 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.38 min

Lab File: BG045634.D

Acq: 6 Jun 2020 4:20

Instrument :

BNA_G

ClientSampleId :

PL-01-060320

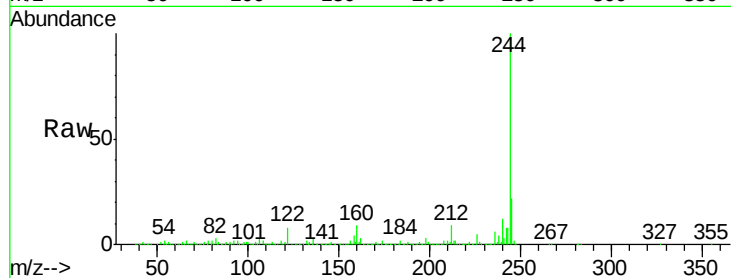
Tgt Ion:184 Resp: 34391

Ion Ratio Lower Upper

184 100

185 18.4 11.7 17.5#

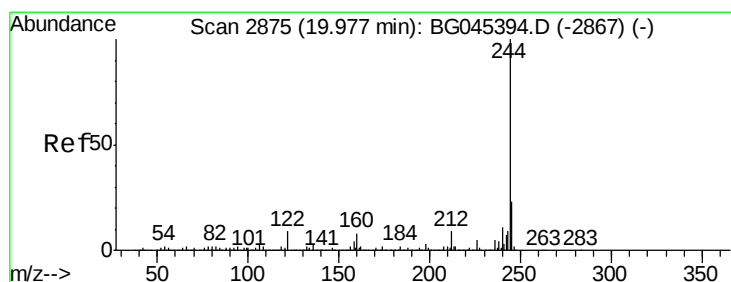
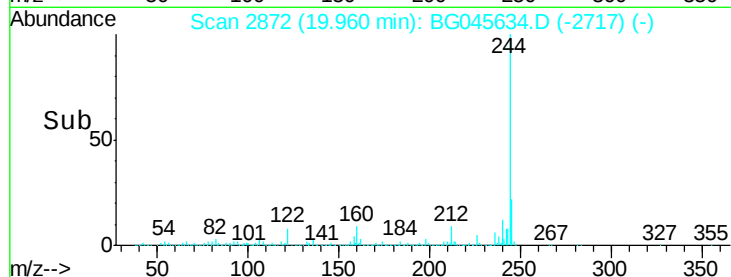
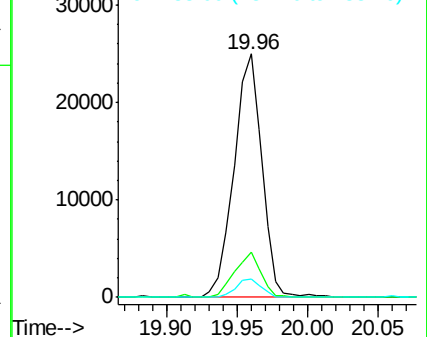
183 7.4 10.2 15.4#



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: 110.54 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045634.D

Acq: 6 Jun 2020 4:20

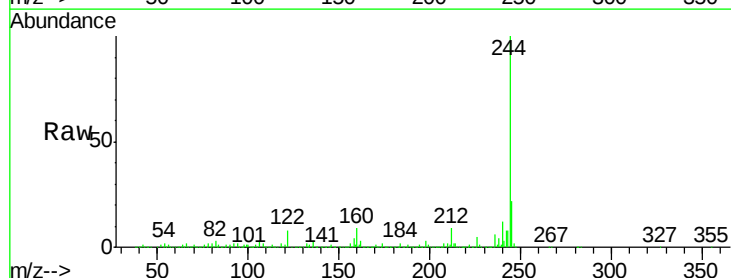
Tgt Ion:244 Resp: 1689582

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.0

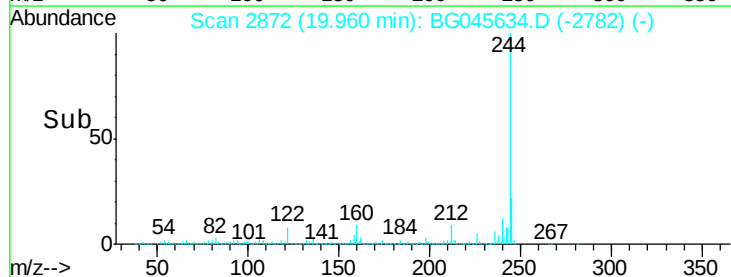
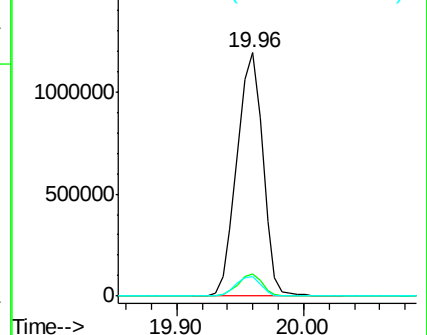
122 7.9 6.8 10.2

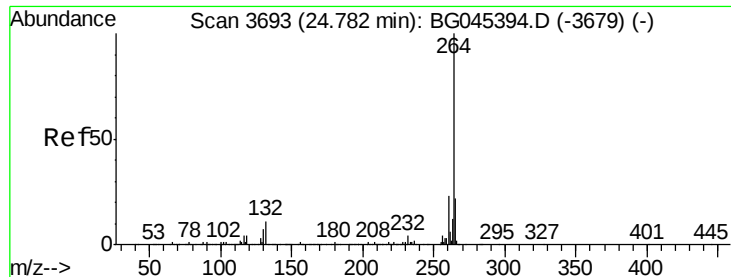


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.74 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG045634.D
Acq: 6 Jun 2020 4:20

Instrument :
BNA_G
ClientSampleId :
PL-01-060320

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	22.2	17.6	26.4

