

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
 Data File : BG045745.D
 Acq On : 12 Jun 2020 18:02
 Operator : CG/JU
 Sample : PB129511BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129511BL

Quant Time: Jun 12 23:47:47 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

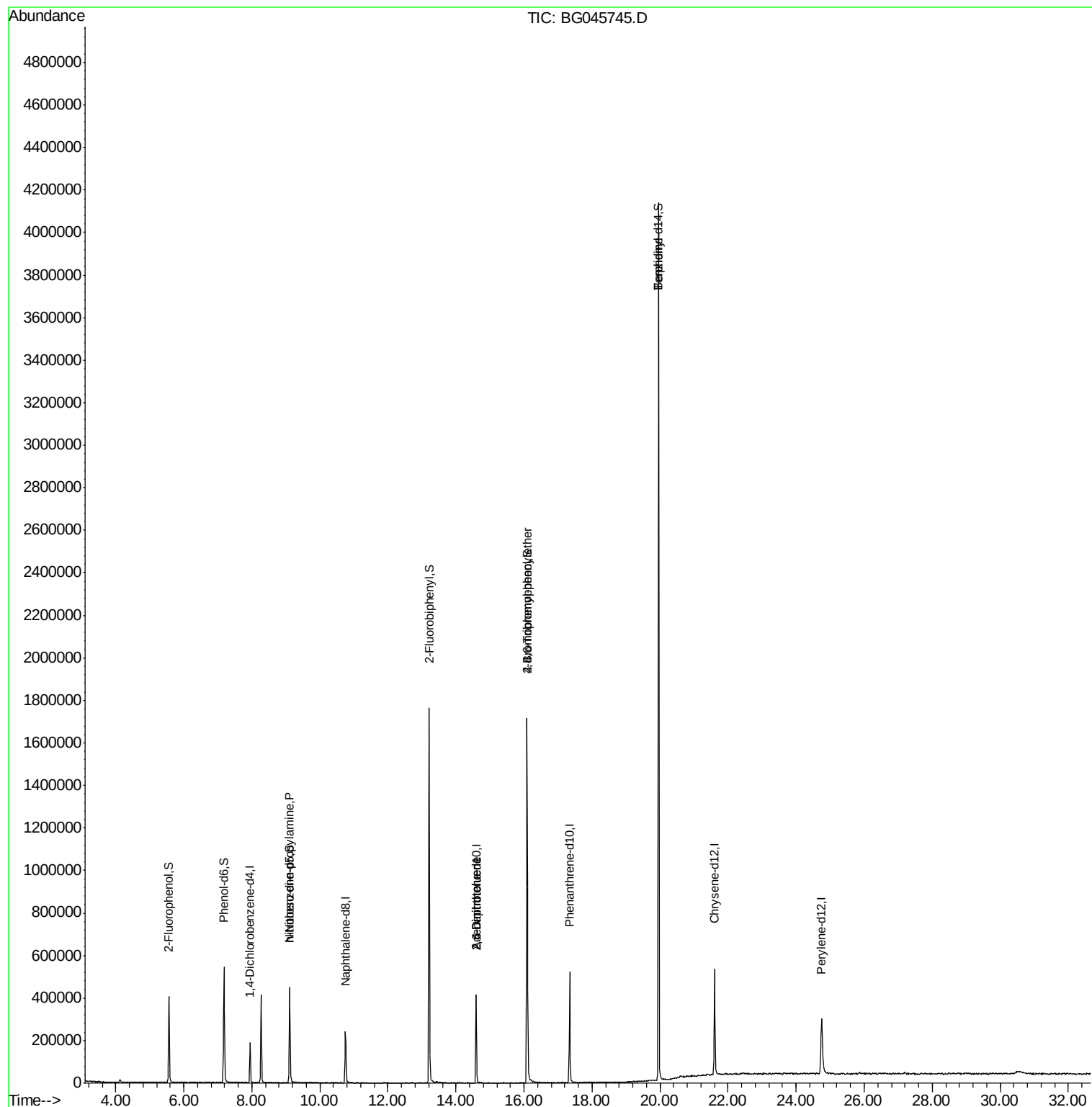
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	54694	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	219518	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	157711	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	369360	20.00	ng	0.00
76) Chrysene-d12	21.60	240	346287	20.00	ng	0.00
87) Perylene-d12	24.75	264	351476	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	195655	69.91	ng	0.02
7) Phenol-d6	7.18	99	362023	90.88	ng	0.03
23) Nitrobenzene-d5	9.11	82	325248	80.80	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	367202	182.06	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	975402	104.91	ng	0.00
79) Terphenyl-d14	19.96	244	2009337	135.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	44548	16.173	ng	# 80
51) 2,6-Dinitrotoluene	14.59	165	20672	8.468	ng	# 22
57) 2,4-Dinitrotoluene	14.59	165	20672	5.847	ng	# 22
67) 4-Bromophenyl-phenylether	16.09	248	25208	6.303	ng	# 1
77) Benzidine	19.96	184	37551	3.861	ng	# 91

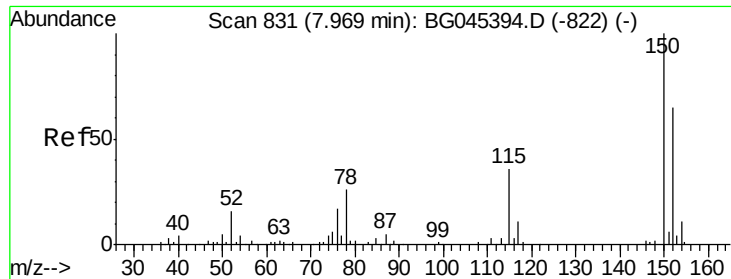
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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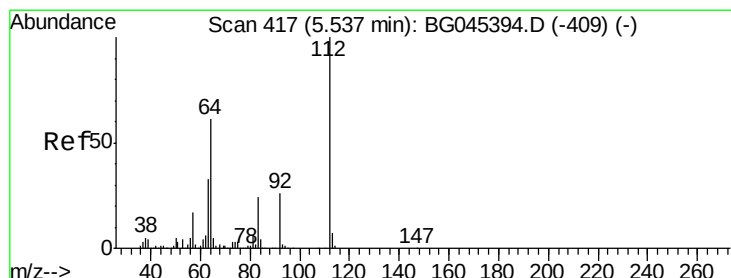
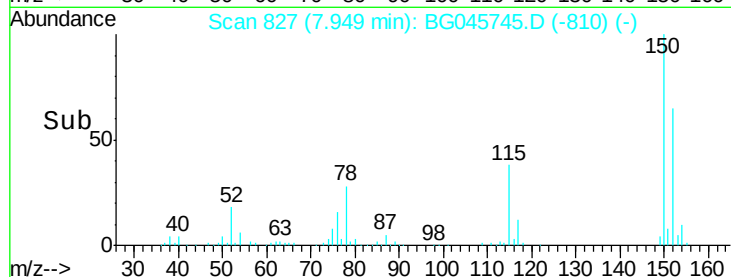
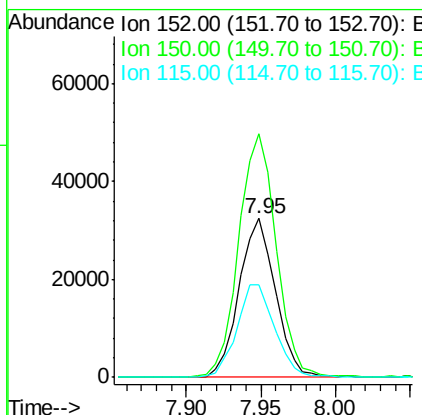
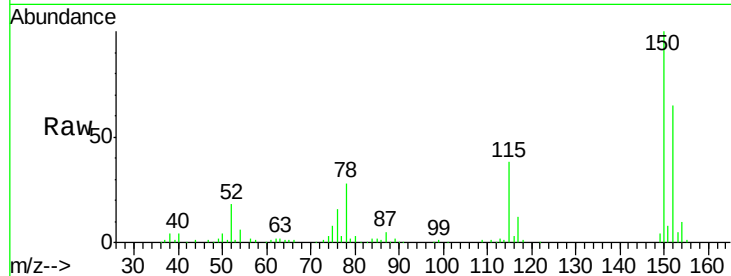




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG045745.D
 Acq: 12 Jun 2020 18:02

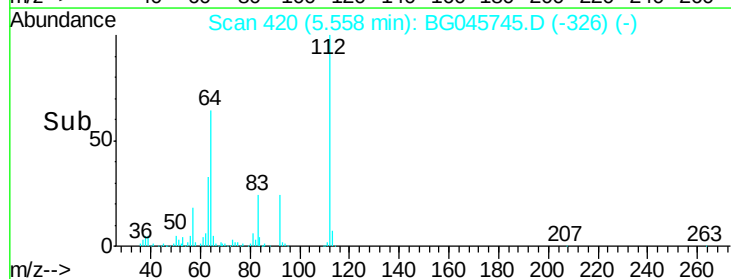
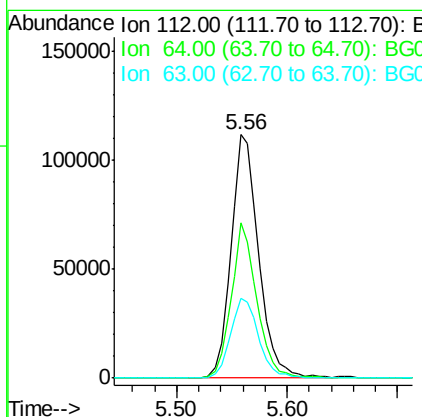
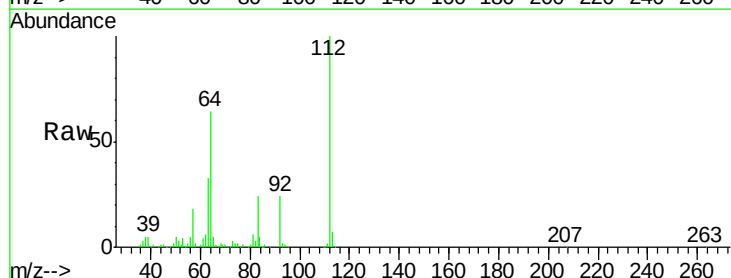
Instrument :
 BNA_G
 ClientSampleId :
 PB129511BL

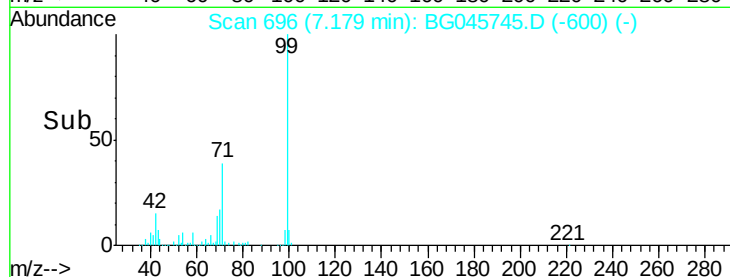
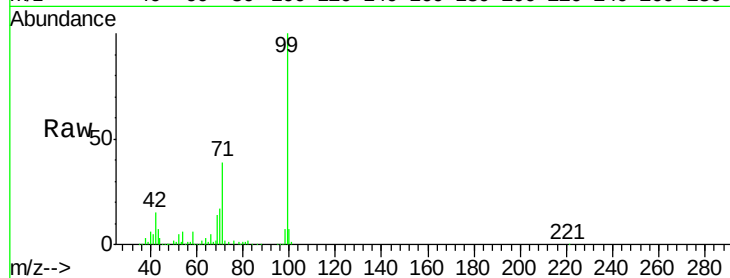
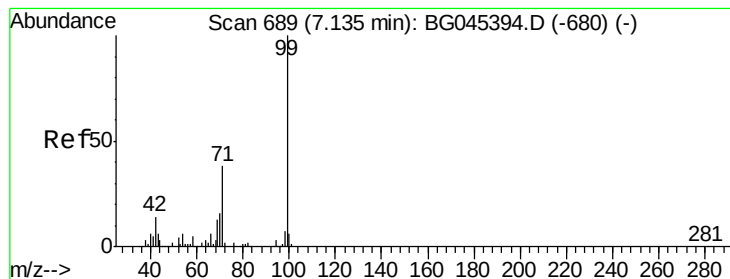
Tot Ion:152 Resp: 54694
 Ion Ratio Lower Upper
 152 100
 150 153.1 122.4 183.6
 115 58.1 44.2 66.4



#5
 2-Fluorophenol
 Concen: 69.910 ng
 RT: 5.56 min Scan# 420
 Delta R.T. 0.02 min
 Lab File: BG045745.D
 Acq: 12 Jun 2020 18:02

Tgt Ion:112 Resp: 195655
 Ion Ratio Lower Upper
 112 100
 64 64.0 48.6 72.8
 63 32.7 26.5 39.7





#7

Phenol-d6

Concen: 90.885 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.03 min

Lab File: BG045745.D

Acq: 12 Jun 2020 18:02

Instrument :

BNA_G

ClientSampleId :

PB129511BL

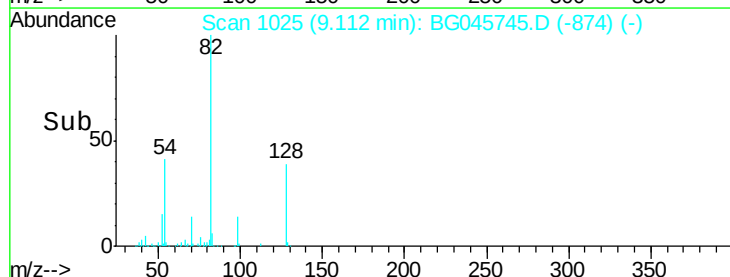
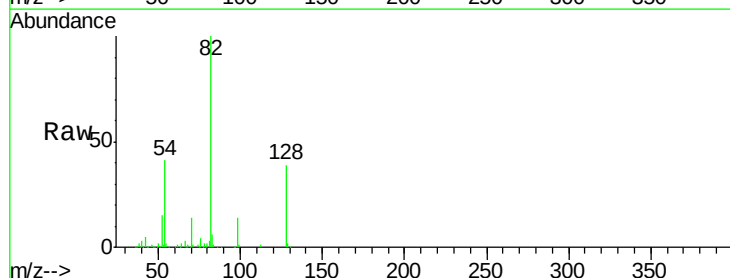
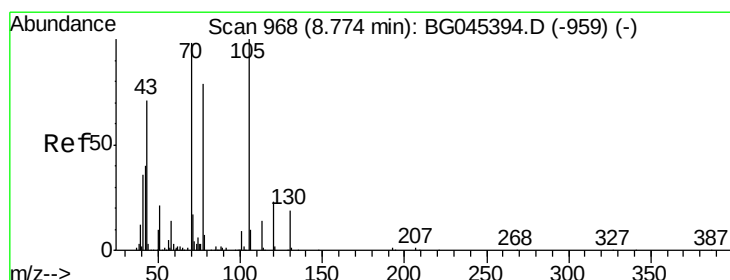
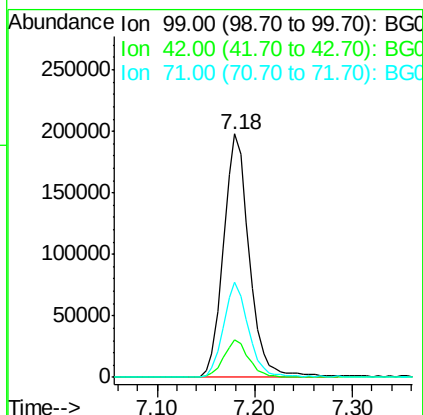
Tot Ion: 99 Resp: 362023

Ion Ratio Lower Upper

99 100

42 15.5 11.3 16.9

71 39.3 30.8 46.2



#19

n-Nitroso-di-n-propylamine

Concen: 16.173 ng

RT: 9.11 min Scan# 1025

Delta R.T. 0.36 min

Lab File: BG045745.D

Acq: 12 Jun 2020 18:02

Tgt Ion: 70 Resp: 44548

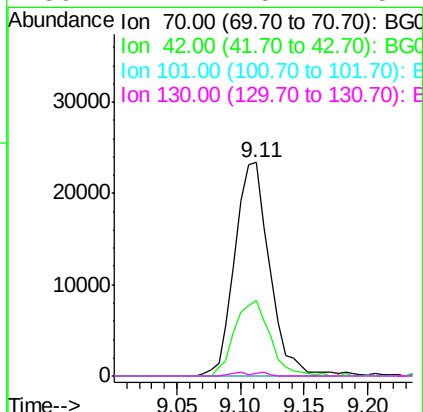
Ion Ratio Lower Upper

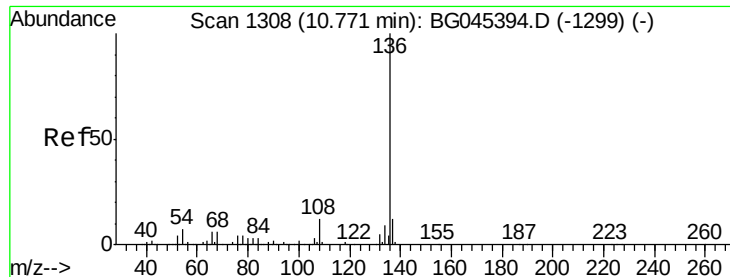
70 100

42 35.6 33.2 49.8

101 0.0 7.8 11.6#

130 1.4 15.4 23.2#

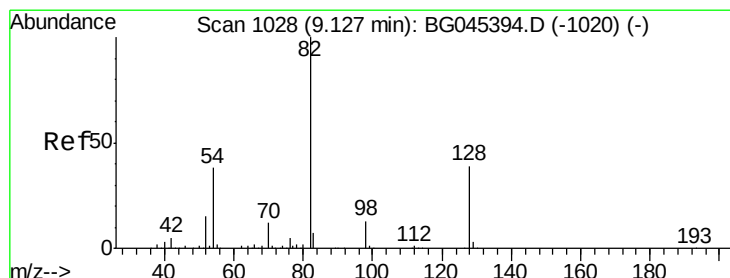
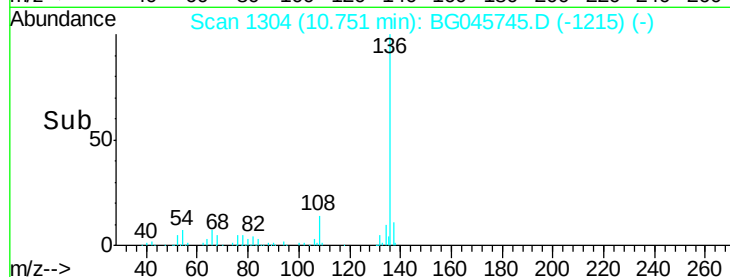
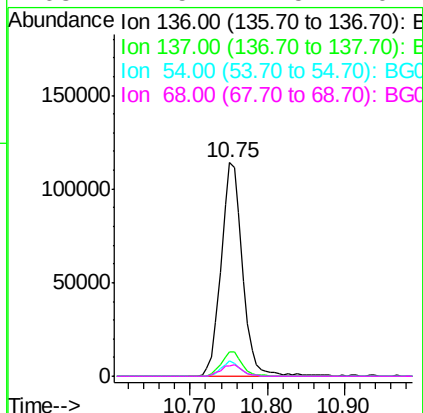
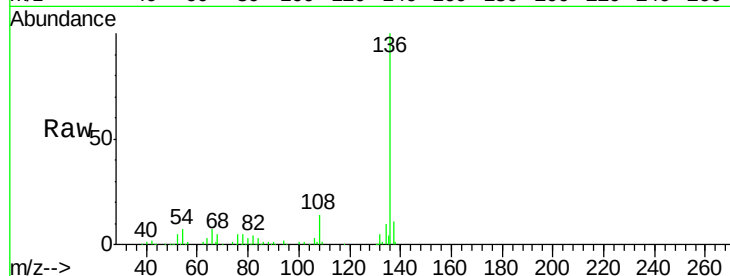




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045745.D
Acq: 12 Jun 2020 18:02

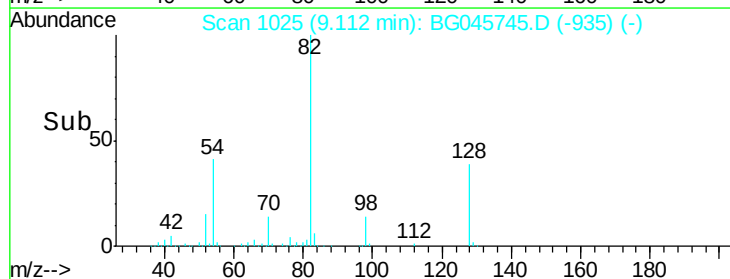
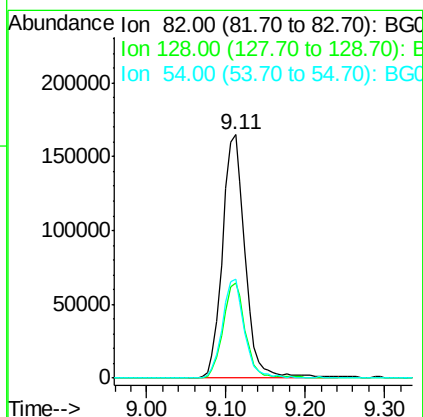
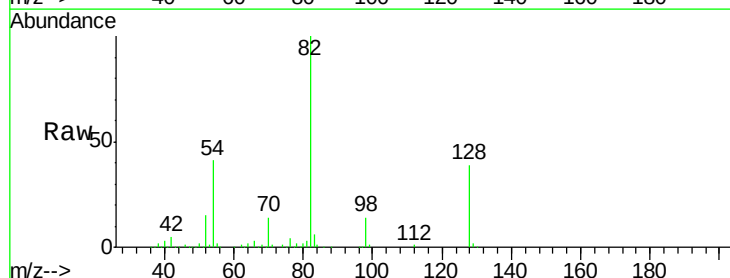
Instrument :
BNA_G
ClientSampleId :
PB129511BL

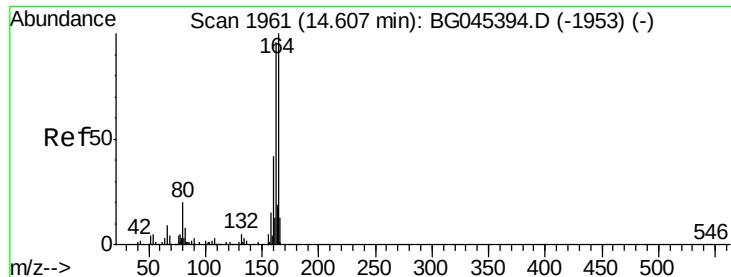
Tot Ion:136	Resp:	219518	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	9.4	14.2	
54 7.3	5.8	8.6	
68 4.5	4.5	6.7	



#23
Nitrobenzene-d5
Concen: 80.796 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045745.D
Acq: 12 Jun 2020 18:02

Tgt Ion: 82	Resp: 325248
Ion Ratio	Lower Upper
82 100	
128 39.0	30.9 46.3
54 40.7	30.3 45.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045745.D

Acq: 12 Jun 2020 18:02

Instrument :

BNA_G

ClientSampleId :

PB129511BL

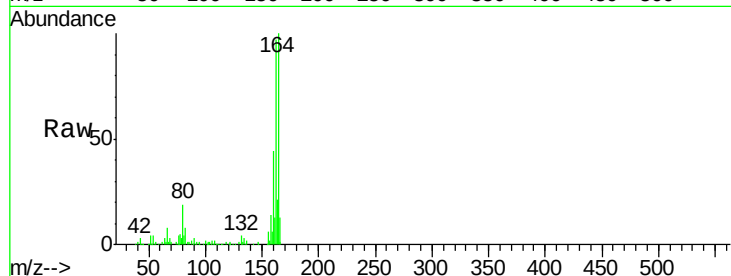
Tot Ion:164 Resp: 157711

Ion Ratio Lower Upper

164 100

162 97.0 76.9 115.3

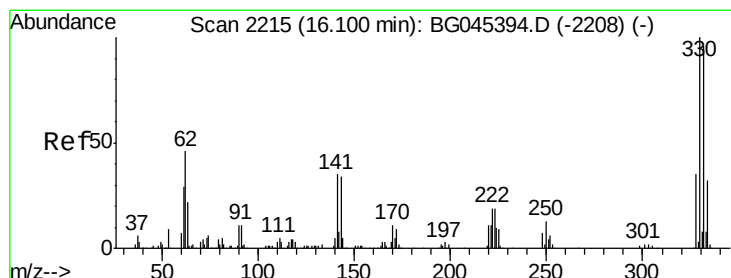
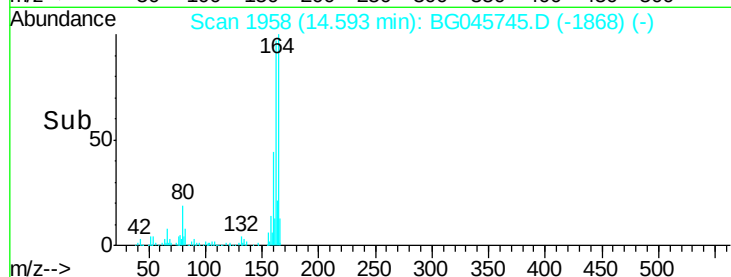
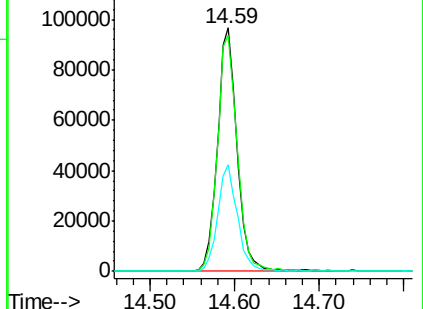
160 44.1 33.8 50.8



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: 182.058 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG045745.D

Acq: 12 Jun 2020 18:02

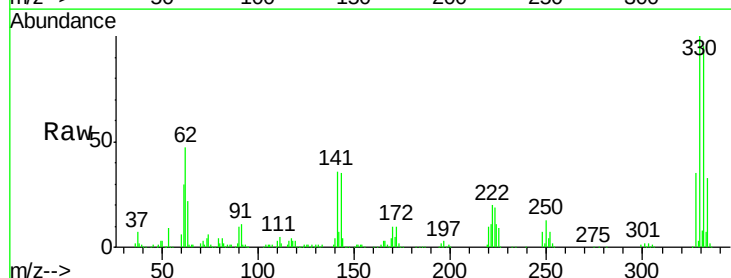
Tgt Ion:330 Resp: 367202

Ion Ratio Lower Upper

330 100

332 97.3 78.2 117.4

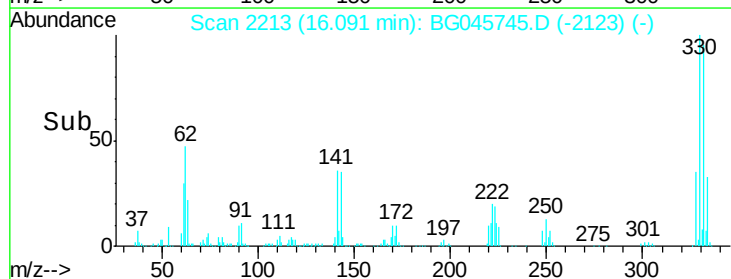
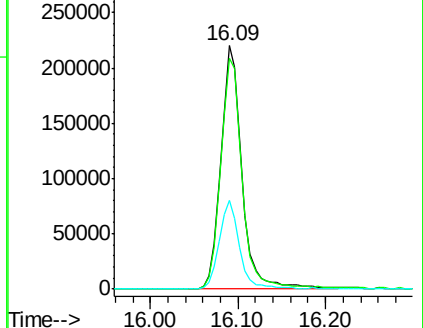
141 35.1 28.2 42.4

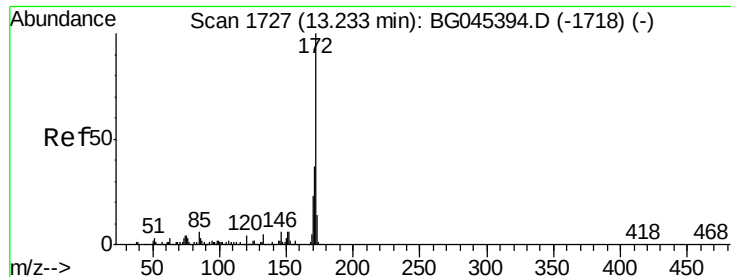


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

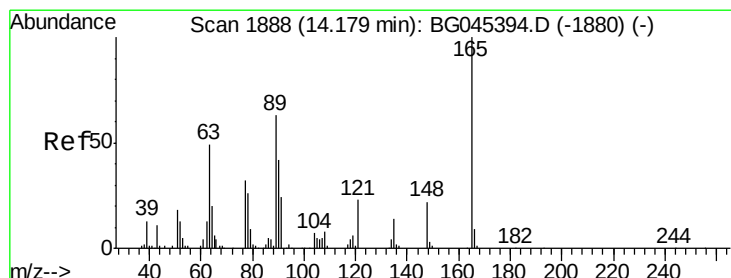
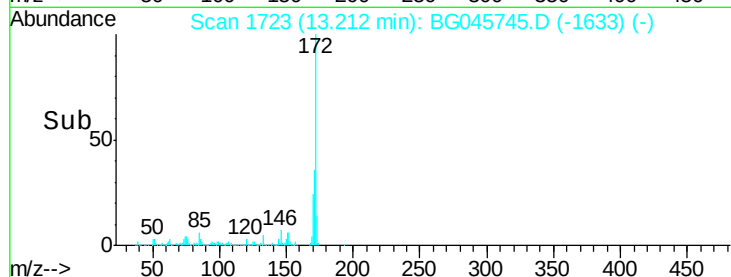
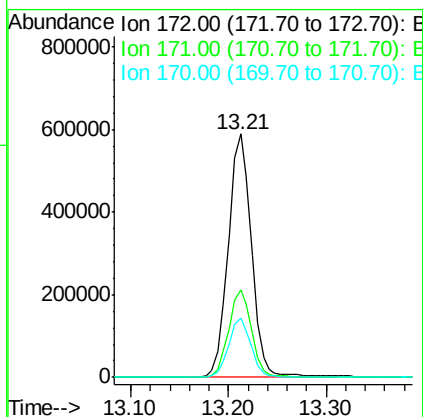
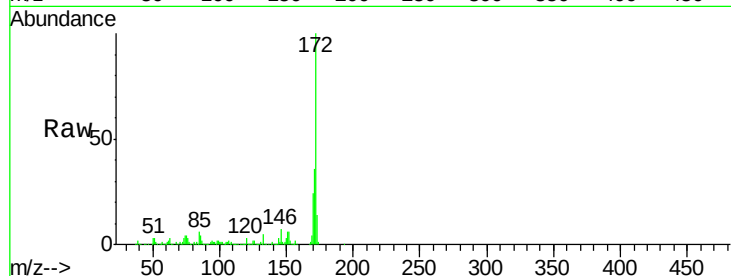




#45
2-Fluorobiphenyl
Concen: 104.906 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG045745.D
Acq: 12 Jun 2020 18:02

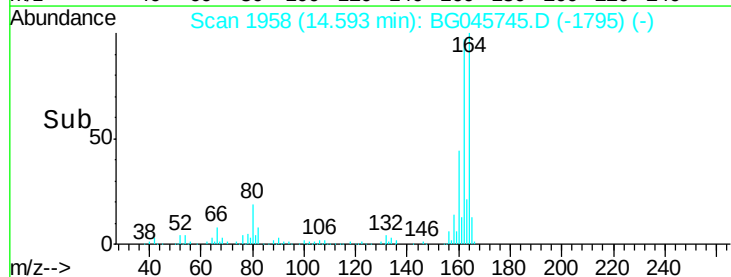
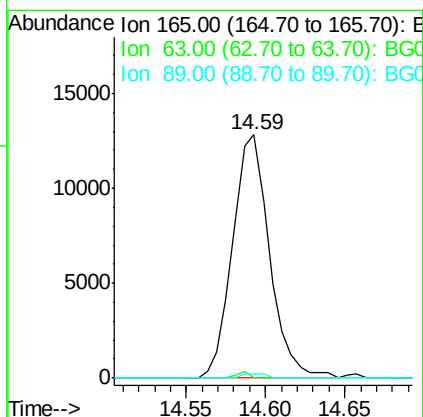
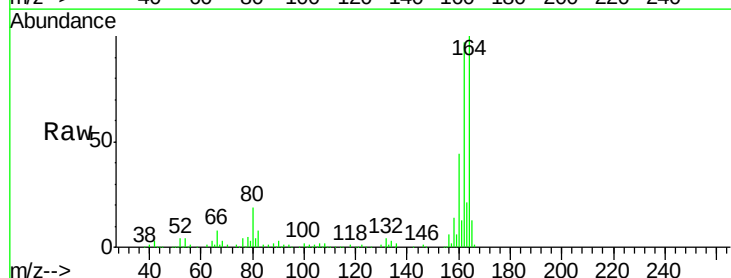
Instrument :
BNA_G
ClientSampleId :
PB129511BL

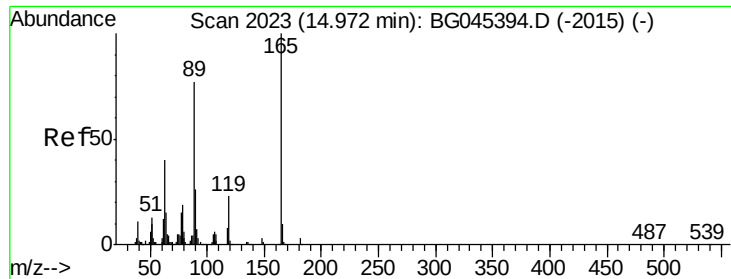
Tot Ion:172 Resp: 975402
Ion Ratio Lower Upper
172 100
171 35.7 29.5 44.3
170 24.1 18.5 27.7



#51
2,6-Dinitrotoluene
Concen: 8.468 ng
RT: 14.59 min Scan# 1958
Delta R.T. 0.43 min
Lab File: BG045745.D
Acq: 12 Jun 2020 18:02

Tgt Ion:165 Resp: 20672
Ion Ratio Lower Upper
165 100
63 0.0 45.0 67.4#
89 1.8 50.2 75.4#





#57

2,4-Dinitrotoluene

Concen: 5.847 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.37 min

Lab File: BG045745.D

Acq: 12 Jun 2020 18:02

Instrument :

BNA_G

ClientSampleId :

PB129511BL

Tot Ion:165 Resp: 20672

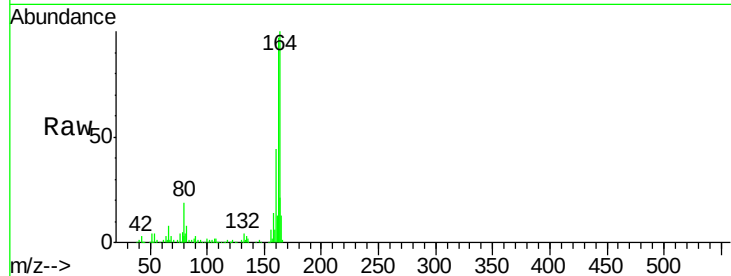
Ion Ratio Lower Upper

165 100

63 0.0 32.5 48.7#

89 1.8 61.8 92.6#

182 0.0 2.3 3.5#

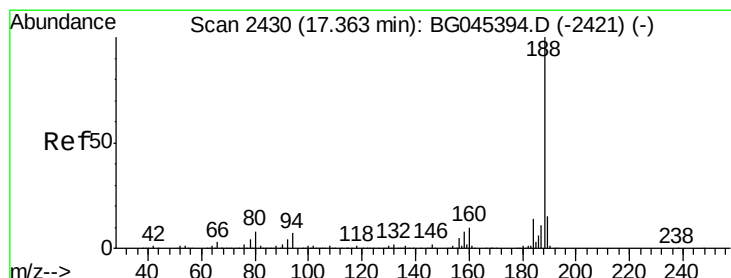
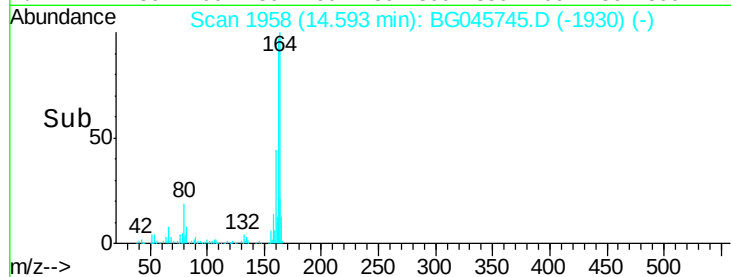
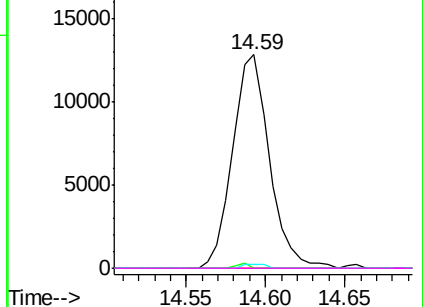


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.34 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG045745.D

Acq: 12 Jun 2020 18:02

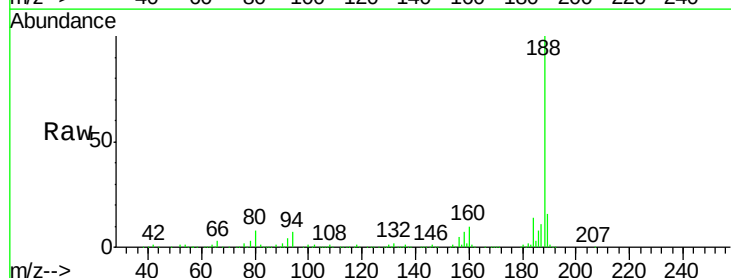
Tgt Ion:188 Resp: 369360

Ion Ratio Lower Upper

188 100

94 7.3 5.5 8.3

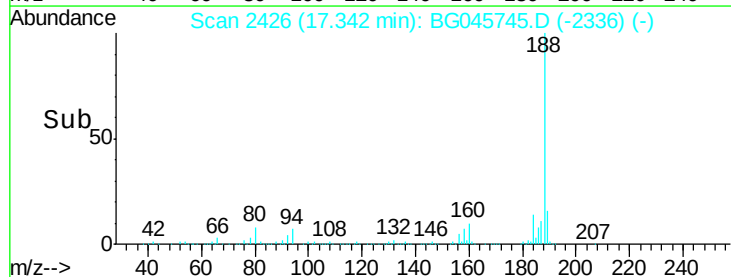
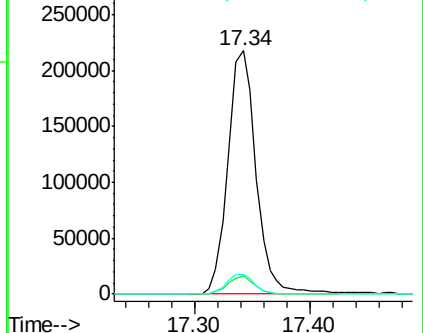
80 8.3 6.6 10.0

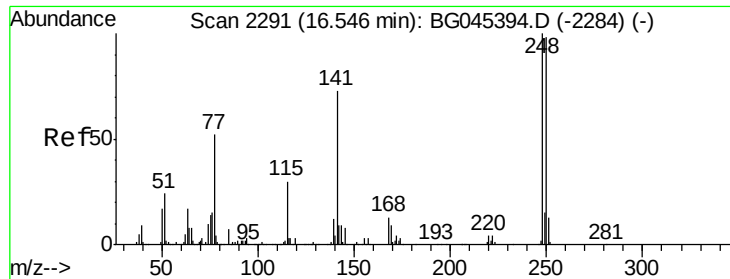


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

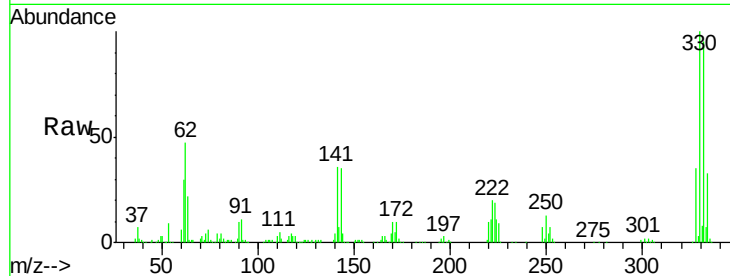




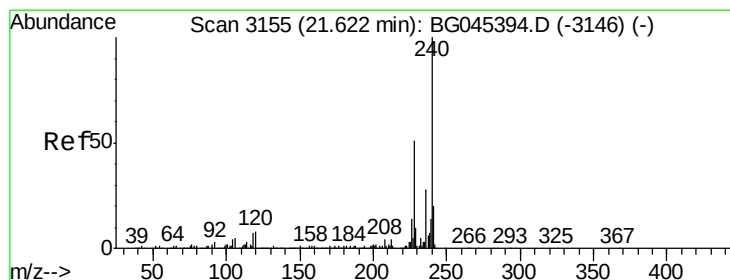
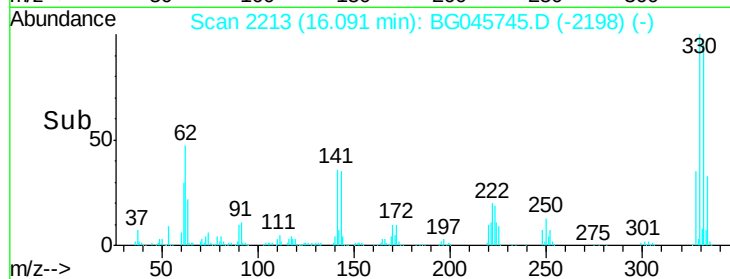
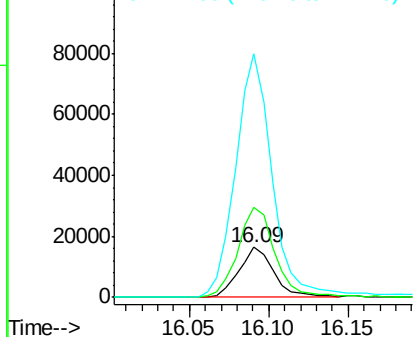
#67
 4-Bromophenyl-phenylether
 Concen: 6.303 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.44 min
 Lab File: BG045745.D
 Acq: 12 Jun 2020 18:02

Instrument :
 BNA_G
 ClientSampled :
 PB129511BL

Tot Ion:248 Resp: 25208
 Ion Ratio Lower Upper
 248 100
 250 180.7 78.6 117.8#
 141 488.9 58.2 87.2#

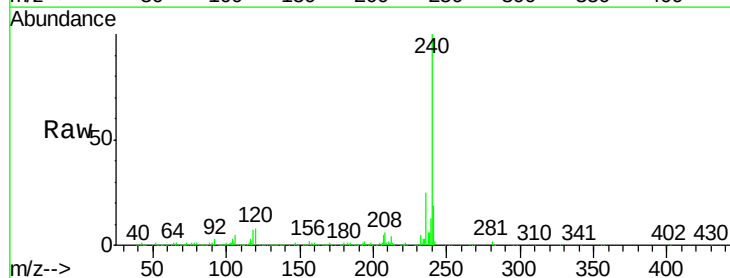


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

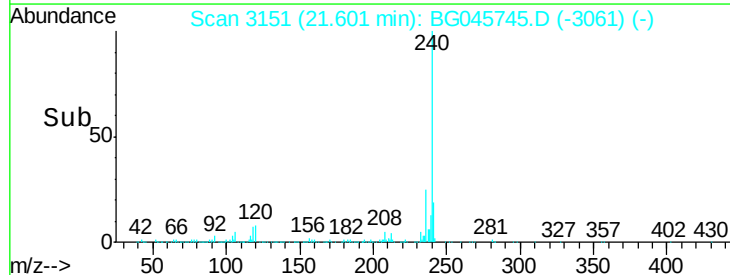
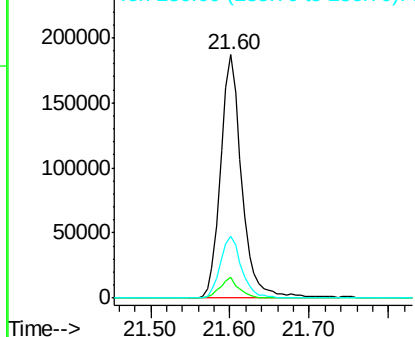


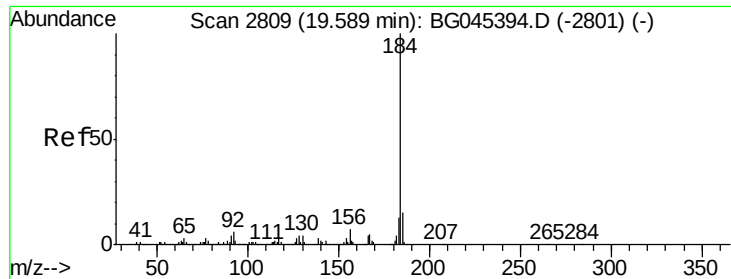
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.00 min
 Lab File: BG045745.D
 Acq: 12 Jun 2020 18:02

Tgt Ion:240 Resp: 346287
 Ion Ratio Lower Upper
 240 100
 120 8.4 6.1 9.1
 236 25.4 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: 3.861 ng

RT: 19.96 min Scan# 2871

Delta R.T. 0.38 min

Lab File: BG045745.D

Acq: 12 Jun 2020 18:02

Instrument :

BNA_G

ClientSampleId :

PB129511BL

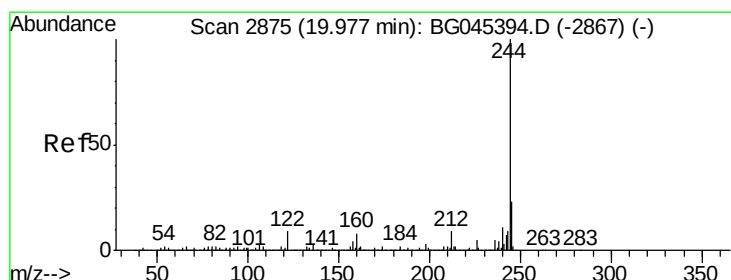
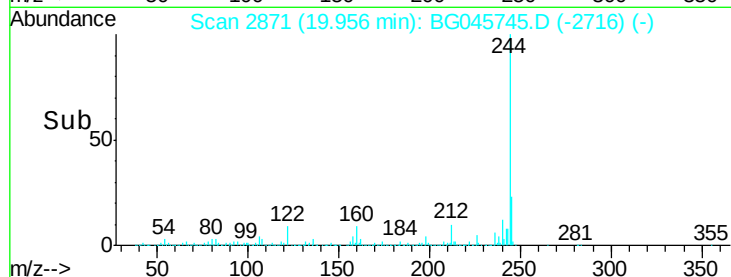
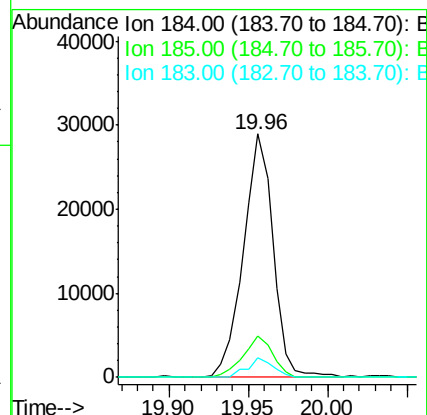
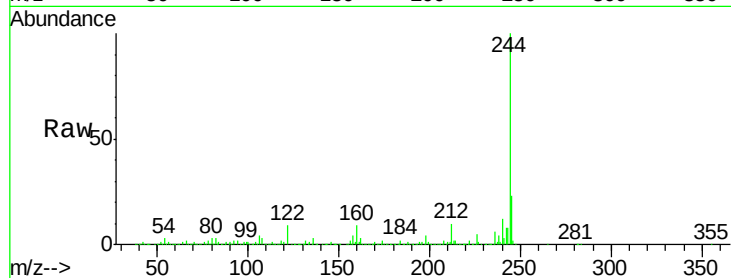
Tot Ion:184 Resp: 37551

Ion Ratio Lower Upper

184 100

185 17.1 11.7 17.5

183 7.9 10.2 15.4#



#79

Terphenyl-d14

Concen: 135.332 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045745.D

Acq: 12 Jun 2020 18:02

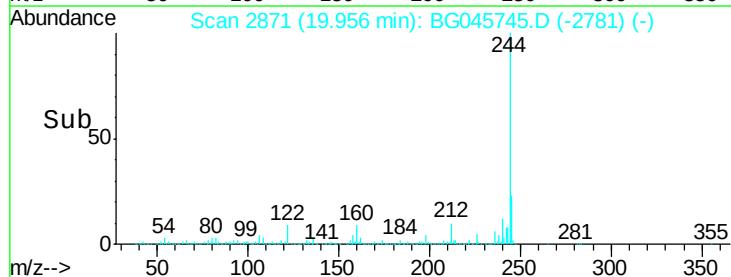
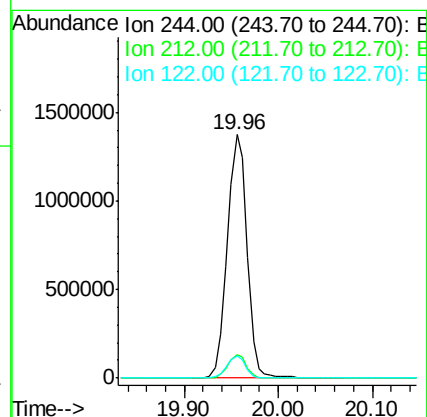
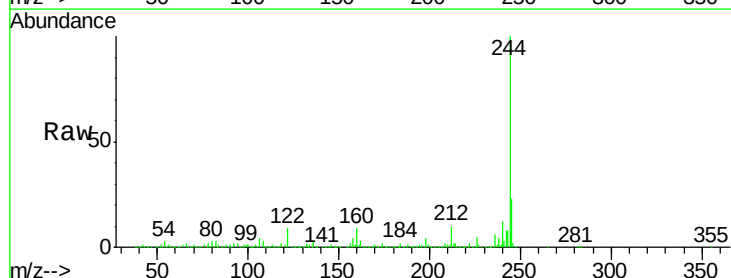
Tgt Ion:244 Resp: 2009337

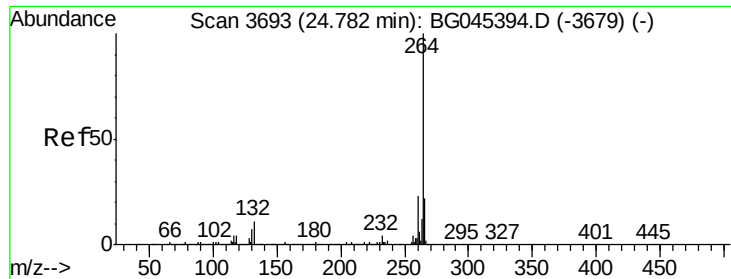
Ion Ratio Lower Upper

244 100

212 9.5 7.4 11.0

122 9.0 6.8 10.2

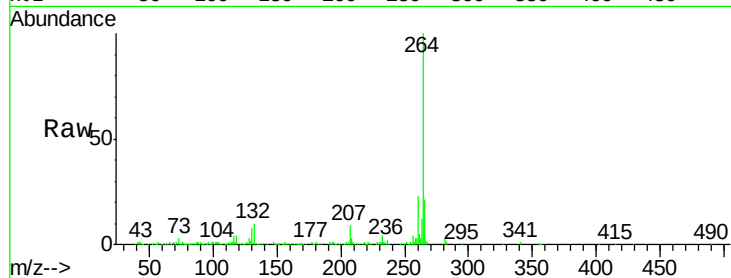




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BG045745.D
Acq: 12 Jun 2020 18:02

Instrument :
BNA_G
ClientSampleId :
PB129511BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	21.1	17.6	26.4



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

