

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG062220\
 Data File : BG045822.D
 Acq On : 22 Jun 2020 11:00
 Operator : CG/JU
 Sample : PB129622BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129622BL

Quant Time: Jun 22 11:40:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

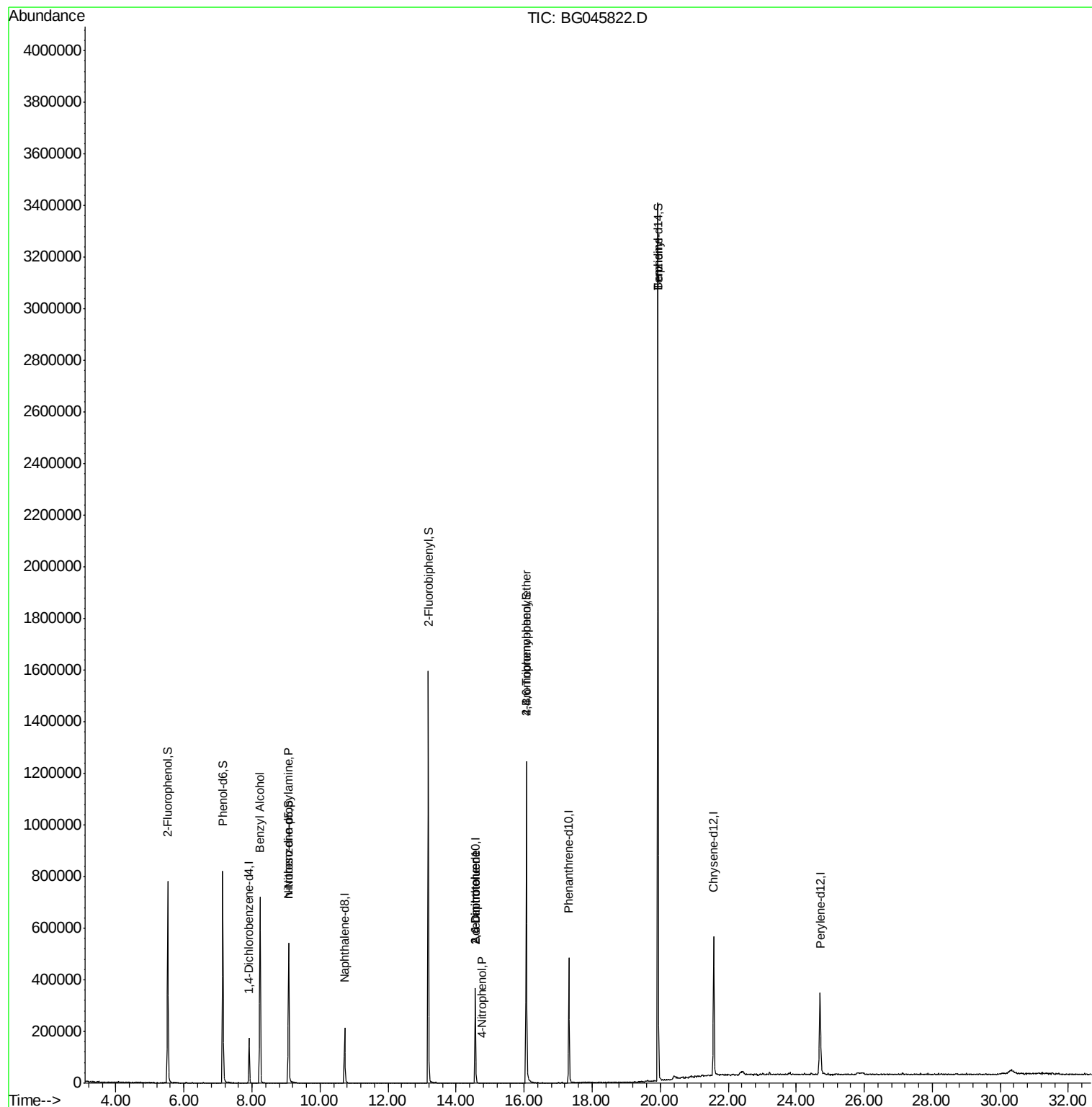
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	51557	20.00	ng	-0.01
21) Naphthalene-d8	10.72	136	205447	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	145852	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	337238	20.00	ng	0.00
76) Chrysene-d12	21.57	240	358672	20.00	ng	0.00
86) Perylene-d12	24.70	264	372419	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	390154	127.83	ng	-0.01
7) Phenol-d6	7.14	99	550131	118.50	ng	-0.02
23) Nitrobenzene-d5	9.08	82	385688	85.76	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	273305	124.12	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	876525	88.32	ng	0.00
79) Terphenyl-d14	19.94	244	1617224	91.38	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.23	79	7345	2.044	ng	# 48
19) n-Nitroso-di-n-propylamine	9.08	70	53576	17.553	ng	# 80
51) 2,6-Dinitrotoluene	14.56	165	18697	7.286	ng	# 24
56) 4-Nitrophenol	14.75	139	56	4.002	ng	# 1
57) 2,4-Dinitrotoluene	14.56	165	18697	5.085	ng	# 23
67) 4-Bromophenyl-phenylether	16.06	248	17991	4.106	ng	# 1
77) Benzidine	19.94	184	30402	3.260	ng	# 92

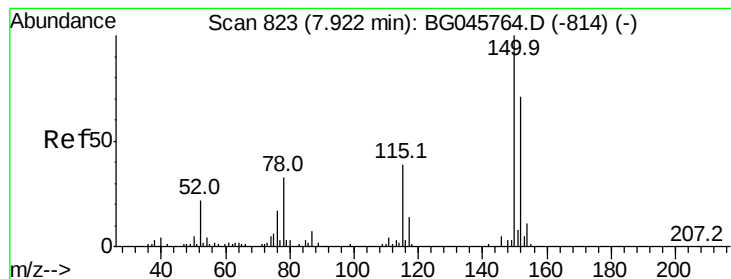
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG062220\
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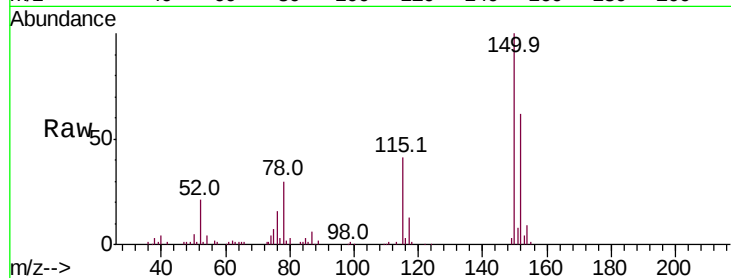


#1

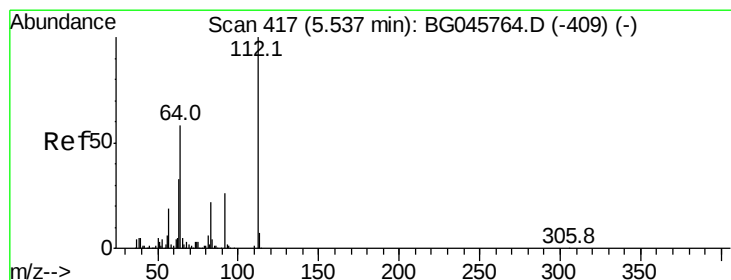
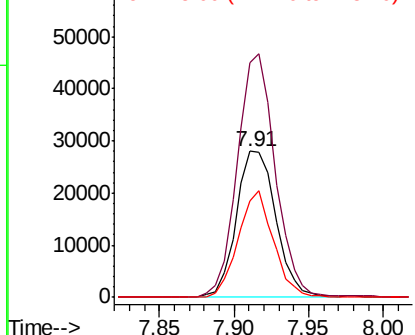
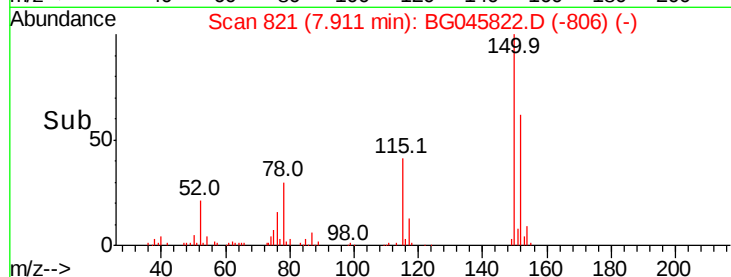
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG045822.D
Acq: 22 Jun 2020 11:00

Instrument :
BNA_G
ClientSampleId :
PB129622BL

Tot Ion:152 Resp: 51557
Ion Ratio Lower Upper
152 100
150 160.2 113.1 169.7
115 66.1 43.8 65.6#



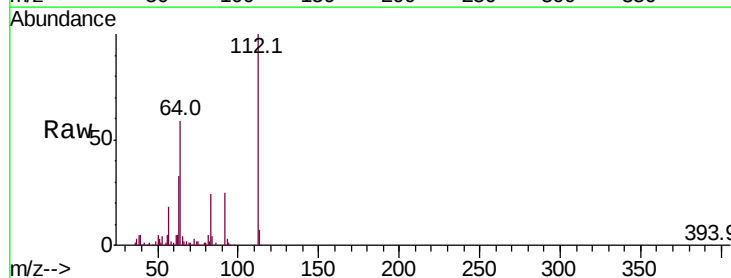
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



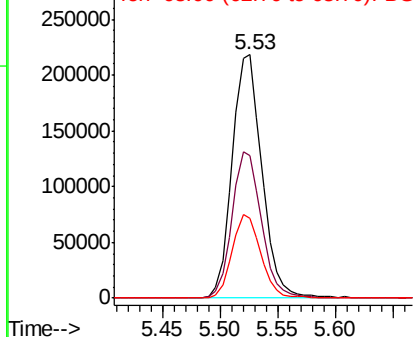
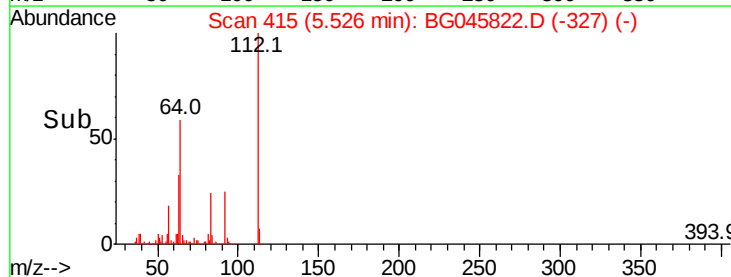
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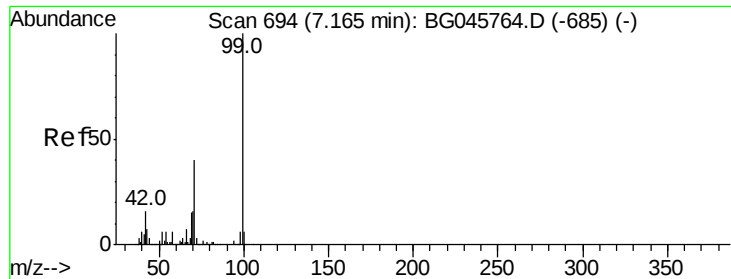
2-Fluorophenol
Concen: 127.832 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG045822.D
Acq: 22 Jun 2020 11:00

Tgt Ion:112 Resp: 390154
Ion Ratio Lower Upper
112 100
64 58.7 46.6 69.8
63 33.0 26.3 39.5



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: 118.499 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.02 min

Lab File: BG045822.D

Acq: 22 Jun 2020 11:00

Instrument :

BNA_G

ClientSampleId :

PB129622BL

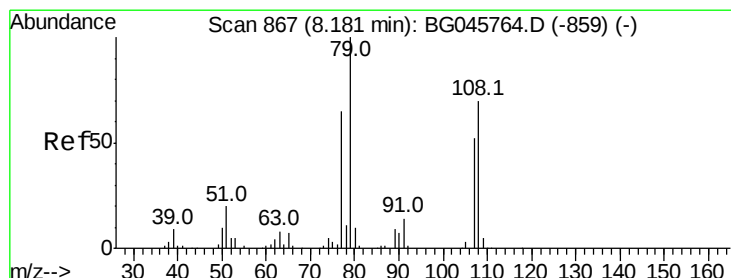
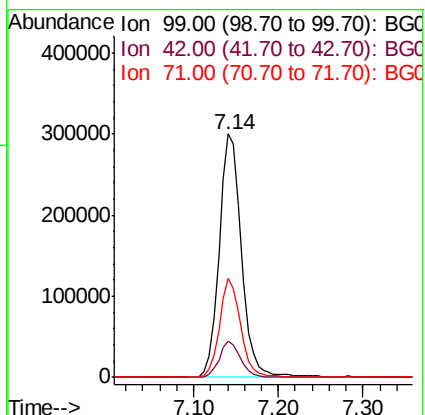
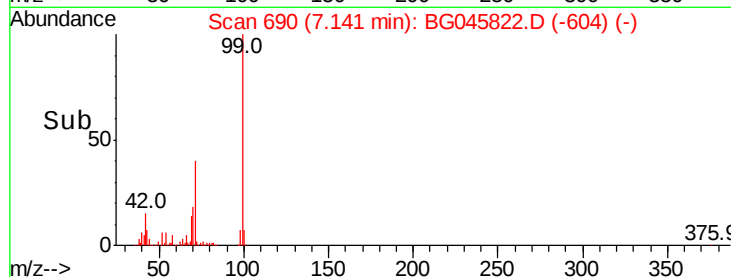
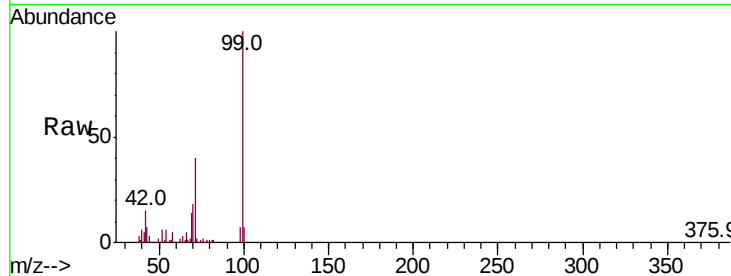
Tot Ion: 99 Resp: 550131

Ion Ratio Lower Upper

99 100

42 14.8 12.4 18.6

71 40.4 32.1 48.1



#15

Benzyl Alcohol

Concen: 2.044 ng

RT: 8.23 min Scan# 876

Delta R.T. 0.05 min

Lab File: BG045822.D

Acq: 22 Jun 2020 11:00

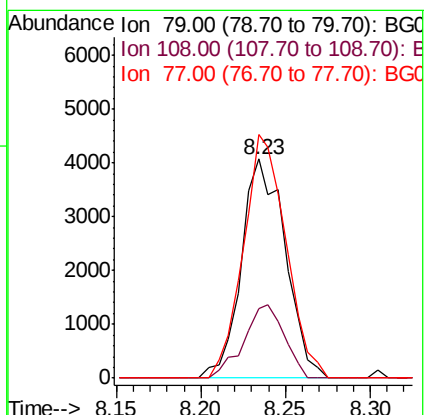
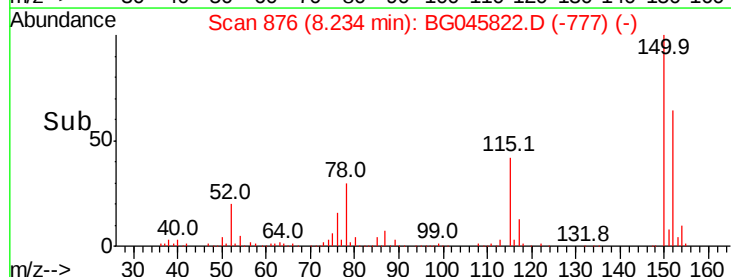
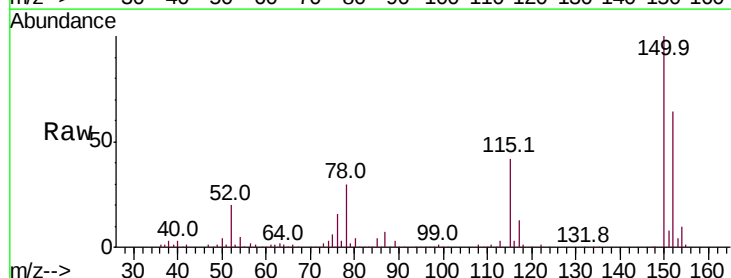
Tgt Ion: 79 Resp: 7345

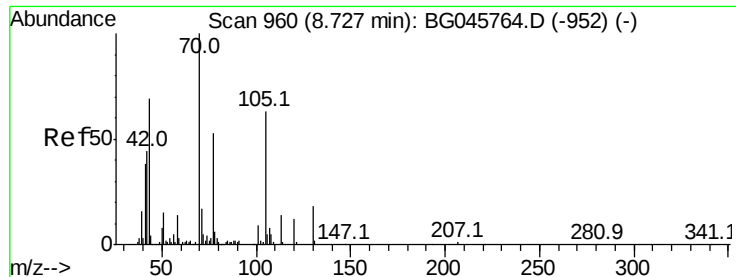
Ion Ratio Lower Upper

79 100

108 31.7 56.2 84.4#

77 111.3 52.2 78.2#





#19

n-Nitroso-di-n-propylamine

Concen: 17.553 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG045822.D

Acq: 22 Jun 2020 11:00

Instrument :

BNA_G

ClientSampleId :

PB129622BL

Tot Ion: 70 Resp: 53576

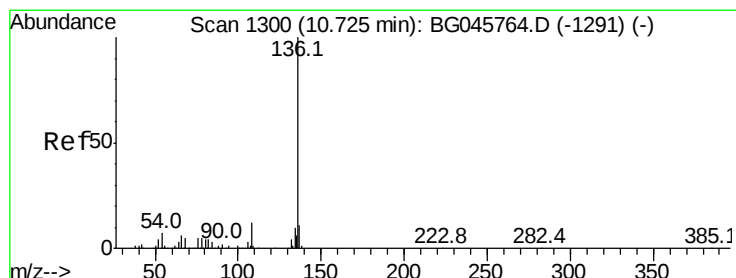
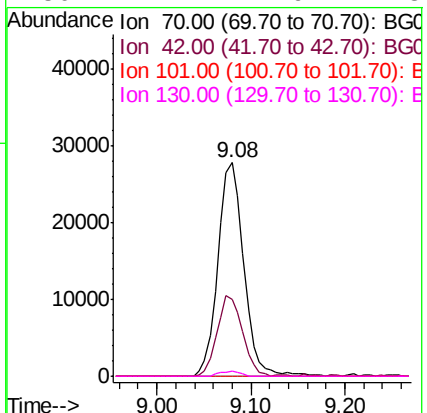
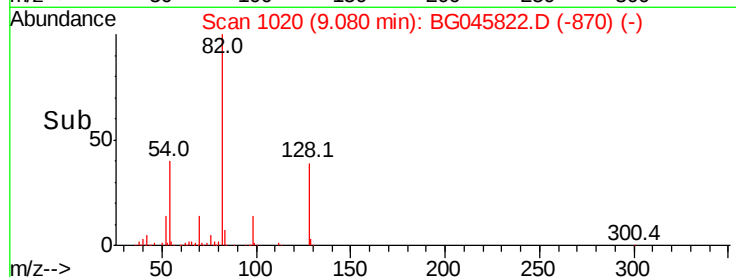
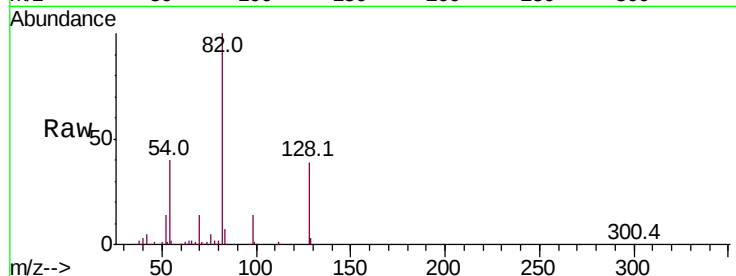
Ion Ratio Lower Upper

70 100

42 36.1 35.1 52.7

101 0.0 7.4 11.0#

130 2.2 14.6 21.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG045822.D

Acq: 22 Jun 2020 11:00

Tgt Ion: 136 Resp: 205447

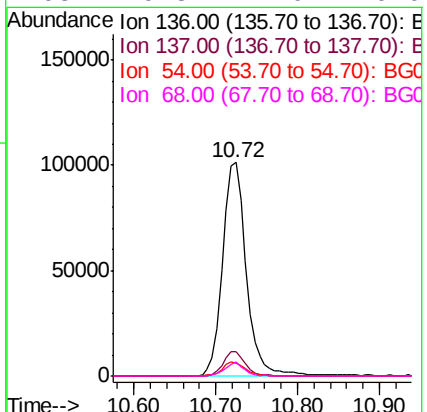
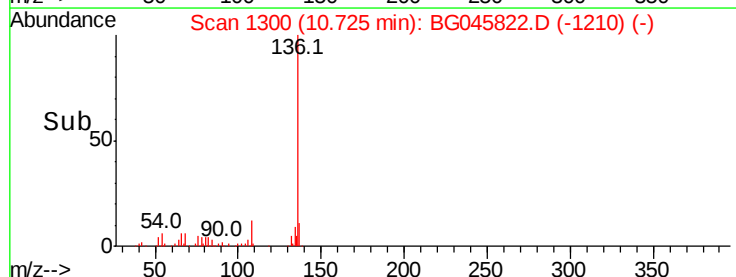
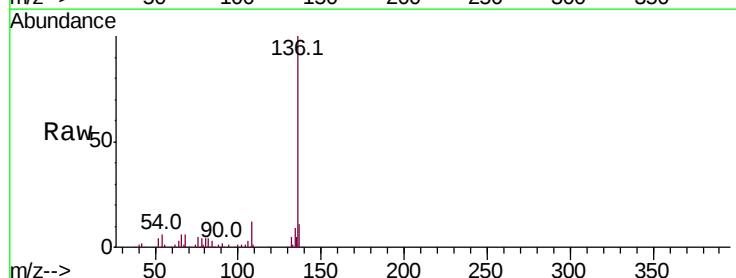
Ion Ratio Lower Upper

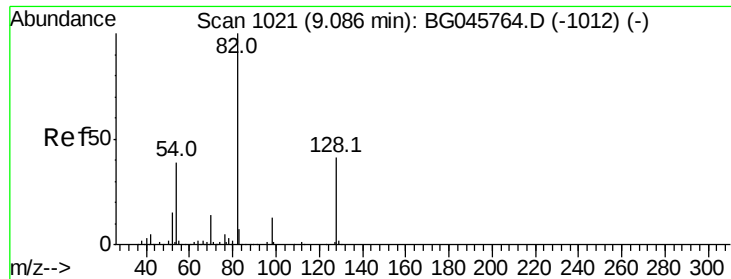
136 100

137 11.3 8.7 13.1

54 6.3 5.8 8.6

68 6.3 4.0 6.0#

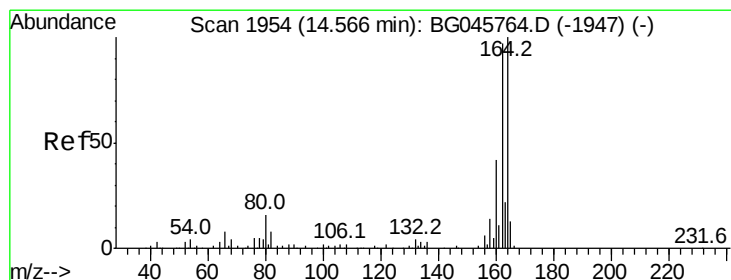
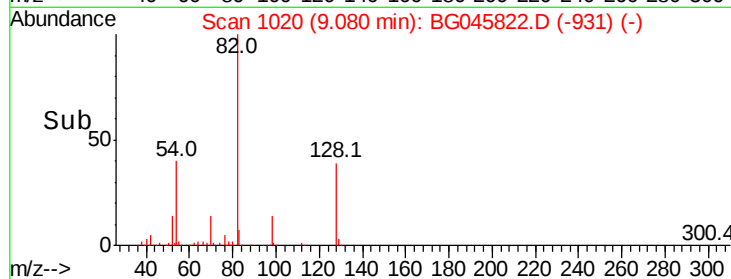
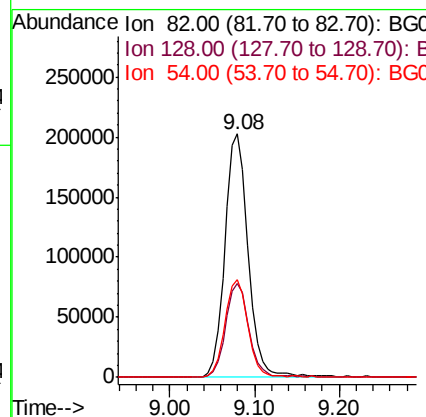
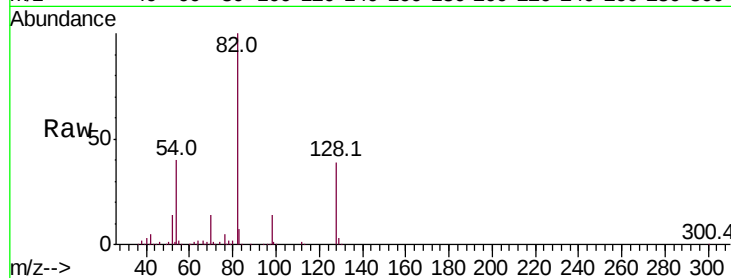




#23
 Nitrobenzene-d5
 Concen: 85.762 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG045822.D
 Acq: 22 Jun 2020 11:00

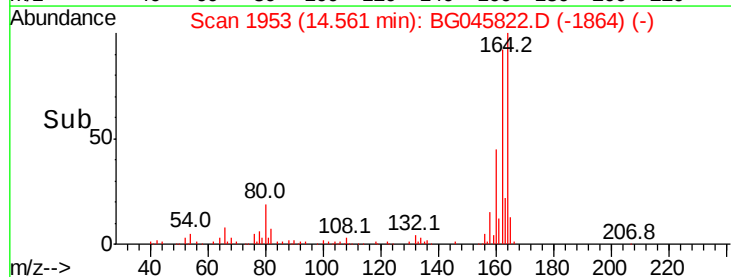
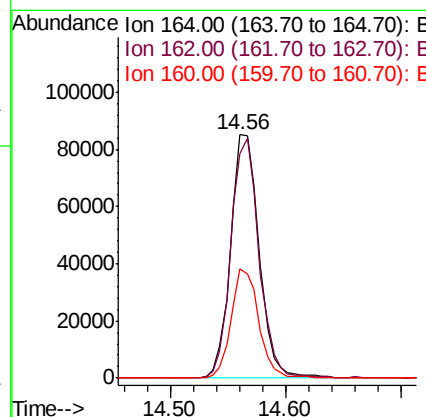
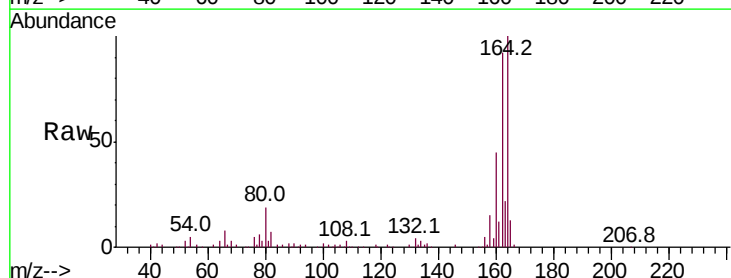
Instrument :
 BNA_G
 ClientSampleId :
 PB129622BL

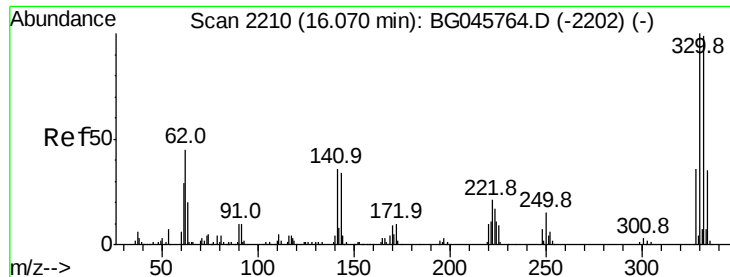
Tot Ion	82	Resp	385688
Ion Ratio	Lower	Upper	
82	100		
128	38.7	32.5	48.7
54	40.0	31.2	46.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG045822.D
 Acq: 22 Jun 2020 11:00

Tgt Ion	164	Resp	145852
Ion Ratio	Lower	Upper	
164	100		
162	91.9	77.4	116.0
160	45.1	33.3	49.9

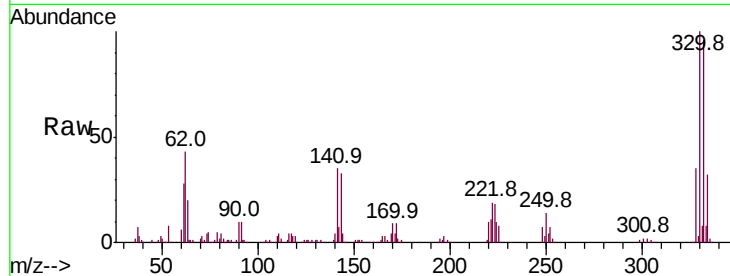




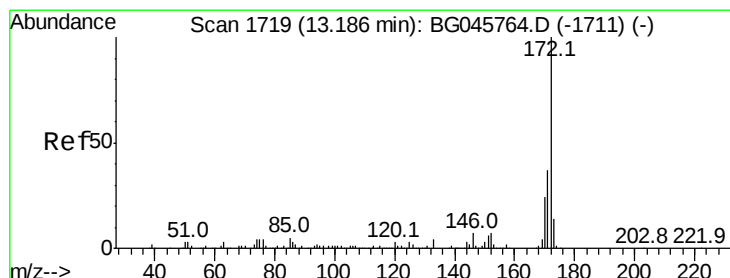
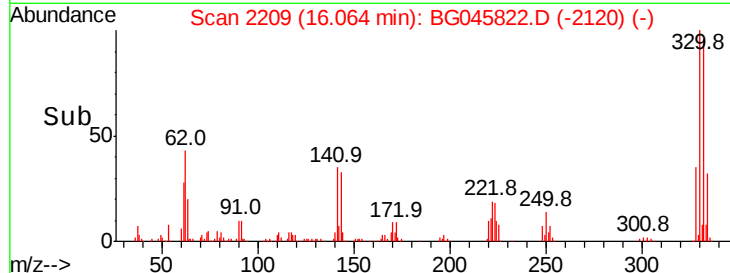
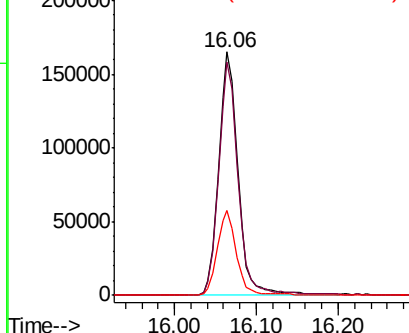
#42
 2,4,6-Tribromophenol
 Concen: 124.117 ng
 RT: 16.06 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG045822.D
 Acq: 22 Jun 2020 11:00

Instrument :
 BNA_G
 ClientSampleId :
 PB129622BL

Tot Ion:330 Resp: 273305
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.6 117.8
 141 34.9 28.2 42.4

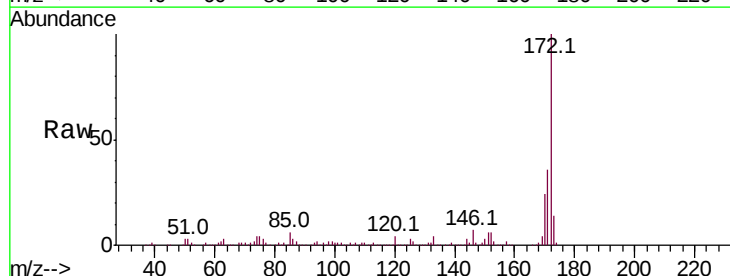


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

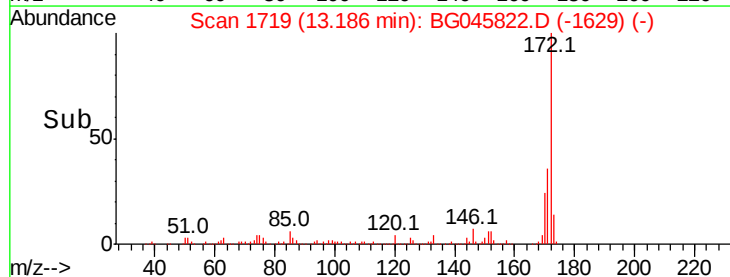
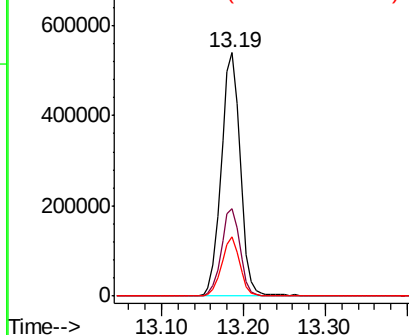


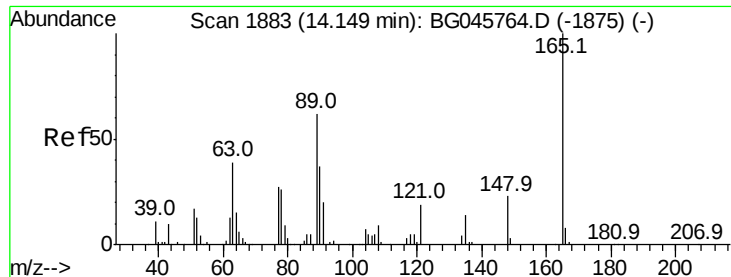
#45
 2-Fluorobiphenyl
 Concen: 88.316 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG045822.D
 Acq: 22 Jun 2020 11:00

Tgt Ion:172 Resp: 876525
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.9 44.9
 170 24.4 19.3 28.9



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

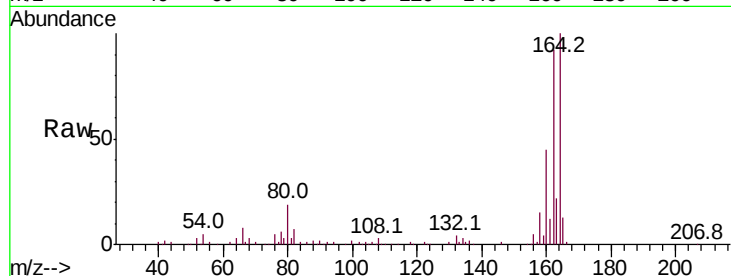




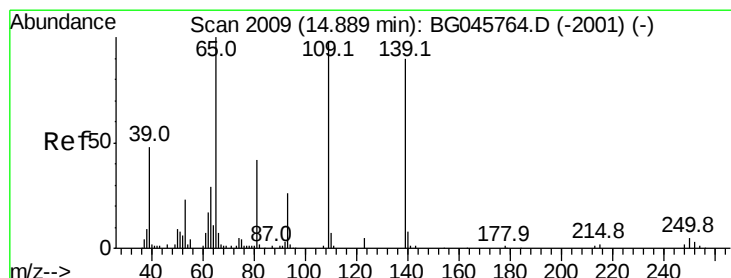
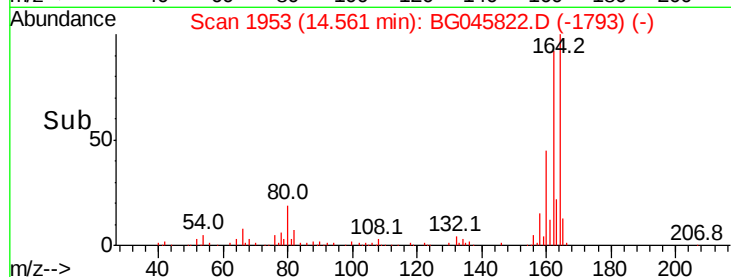
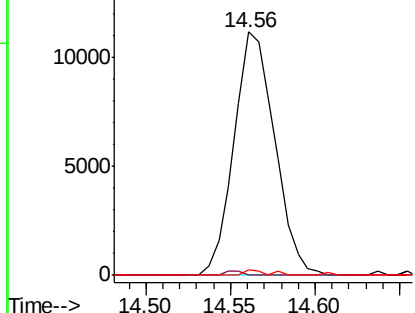
#51
 2,6-Dinitrotoluene
 Concen: 7.286 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. 0.41 min
 Lab File: BG045822.D
 Acq: 22 Jun 2020 11:00

Instrument :
 BNA_G
 ClientSampleId :
 PB129622BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.2	61.8#
89	2.4	49.7	74.5#

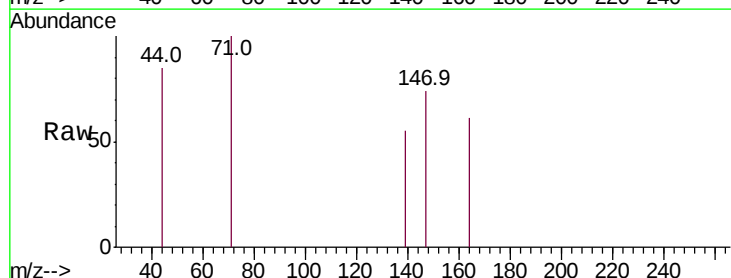


Abundance Ion 165.00 (164.70 to 165.70): E
 15000 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

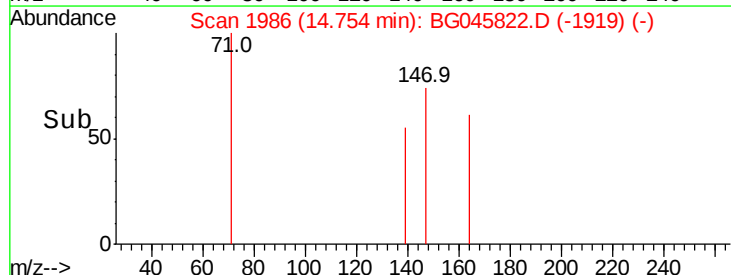
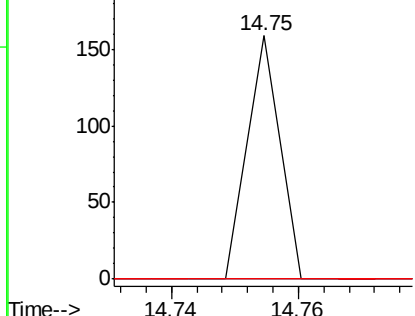


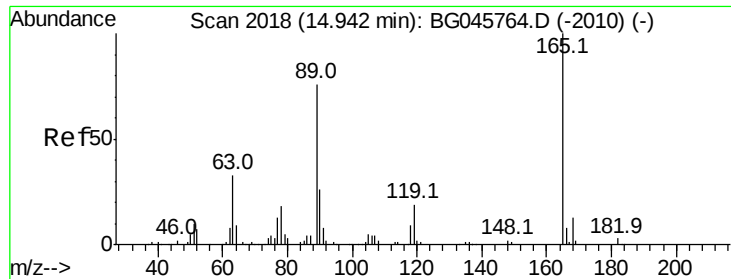
#56
 4-Nitrophenol
 Concen: 4.002 ng
 RT: 14.75 min Scan# 1986
 Delta R.T. -0.13 min
 Lab File: BG045822.D
 Acq: 22 Jun 2020 11:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	88.9	128.9#
65	0.0	92.3	132.3#



Abundance Ion 139.00 (138.70 to 139.70): E
 200 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BGC

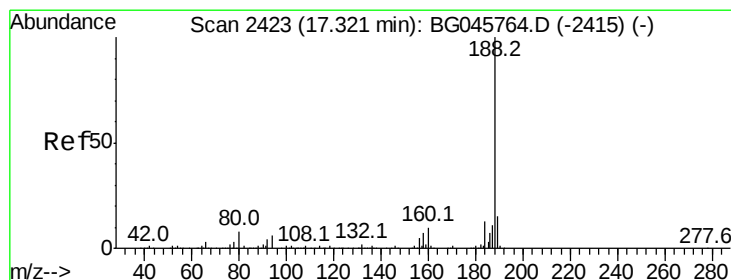
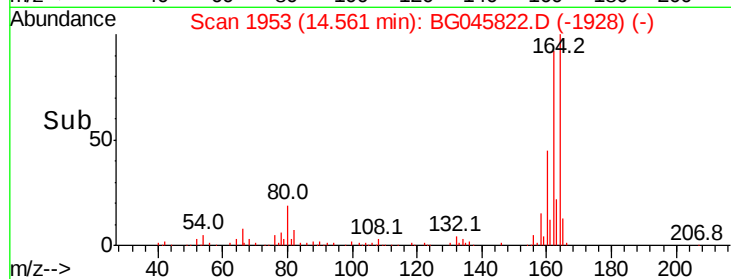
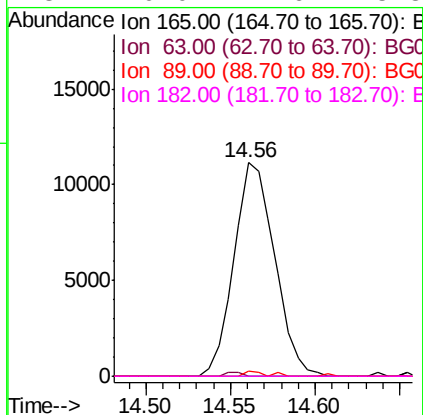
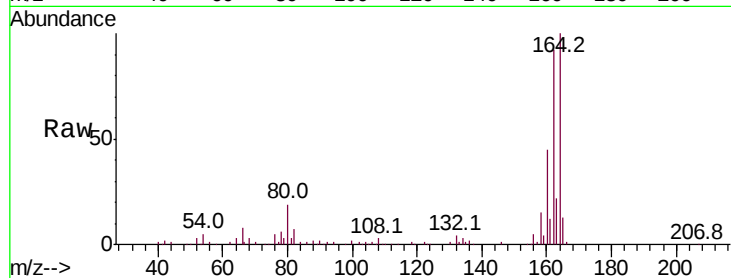




#57
 2,4-Dinitrotoluene
 Concen: 5.085 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.38 min
 Lab File: BG045822.D
 Acq: 22 Jun 2020 11:00

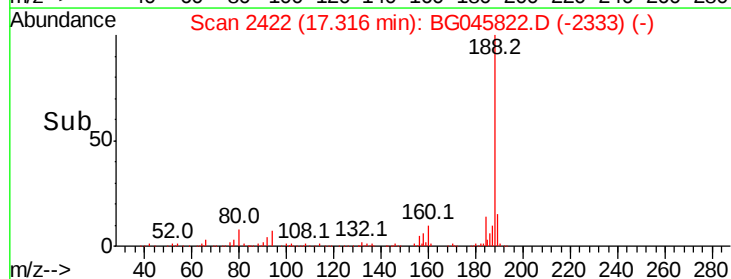
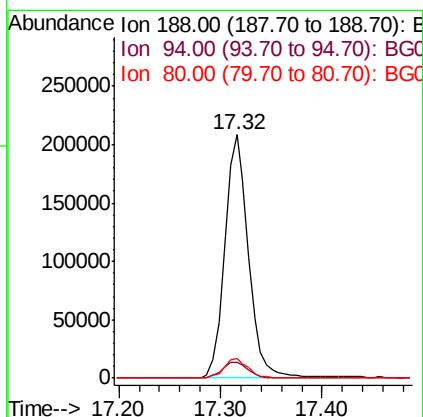
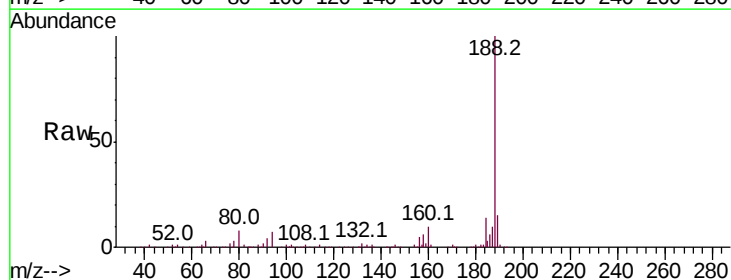
Instrument :
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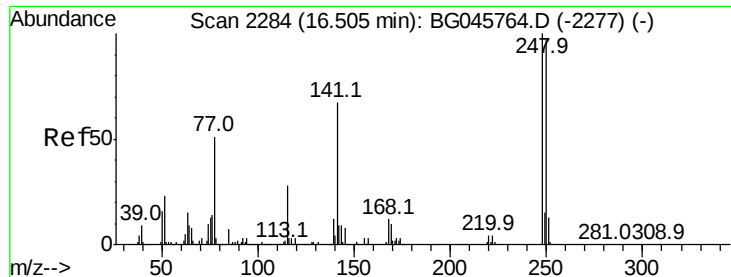
Tot Ion:	165	Resp:	18697
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.8#
89	2.4	60.4	90.6#
182	0.0	2.6	3.8#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.32 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG045822.D
 Acq: 22 Jun 2020 11:00

Tgt Ion:	188	Resp:	337238
Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.1	7.7
80	8.0	6.2	9.4

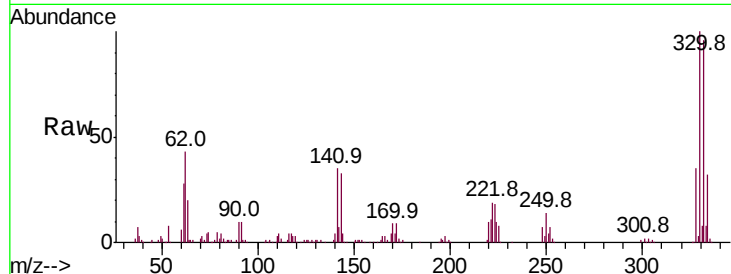




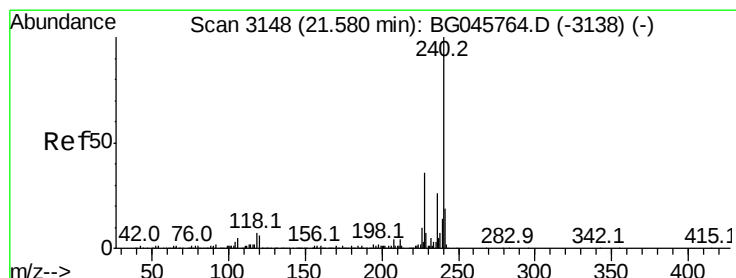
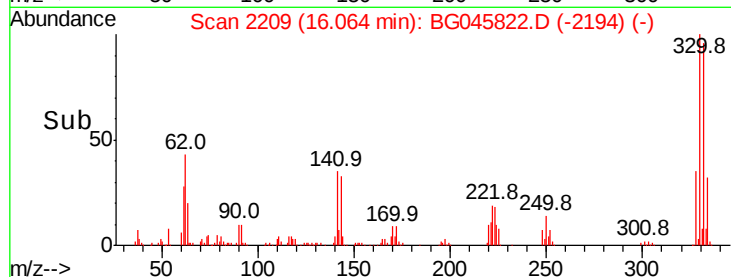
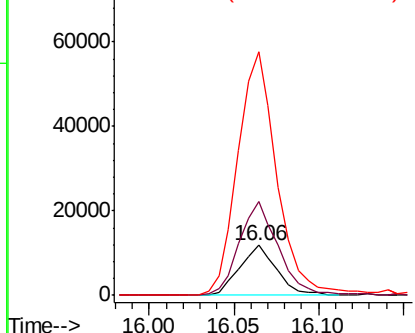
#67
 4-Bromophenyl-phenylether
 Concen: 4.106 ng
 RT: 16.06 min Scan# 2209
 Delta R.T. -0.44 min
 Lab File: BG045822.D
 Acq: 22 Jun 2020 11:00

Instrument :
 BNA_G
 ClientSampleId :
 PB129622BL

Tot Ion:248 Resp: 17991
 Ion Ratio Lower Upper
 248 100
 250 189.4 78.0 117.0#
 141 488.3 53.9 80.9#

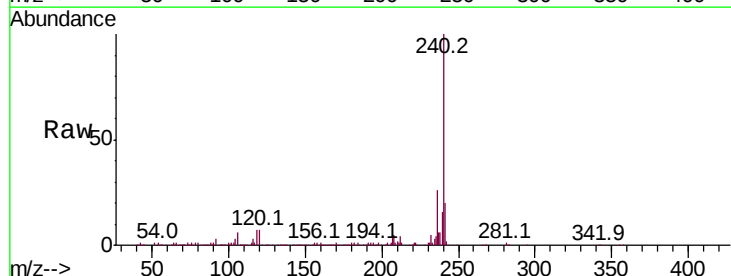


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

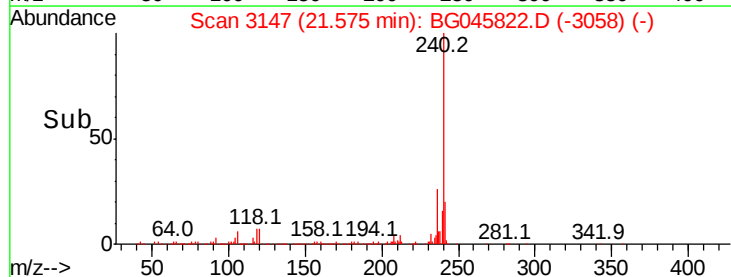
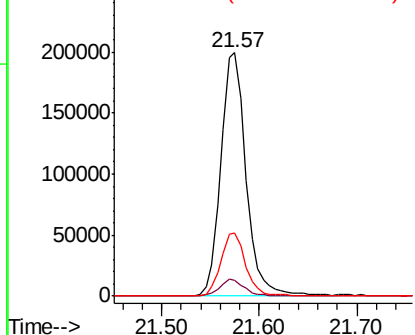


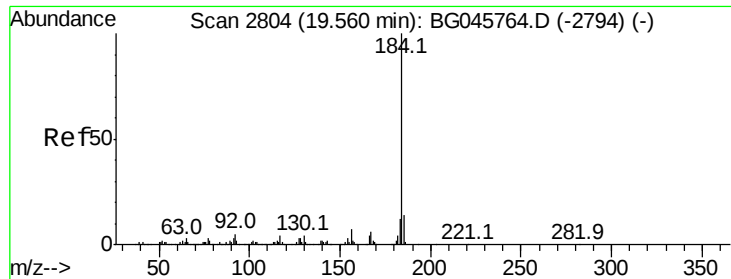
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.57 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BG045822.D
 Acq: 22 Jun 2020 11:00

Tgt Ion:240 Resp: 358672
 Ion Ratio Lower Upper
 240 100
 120 6.6 5.0 7.4
 236 26.1 20.6 30.8



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: 3.260 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.38 min

Lab File: BG045822.D

Acq: 22 Jun 2020 11:00

Instrument :

BNA_G

ClientSampleId :

PB129622BL

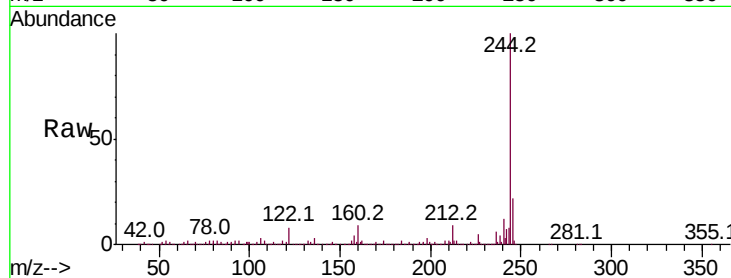
Tot Ion:184 Resp: 30402

Ion Ratio Lower Upper

184 100

185 14.4 11.1 16.7

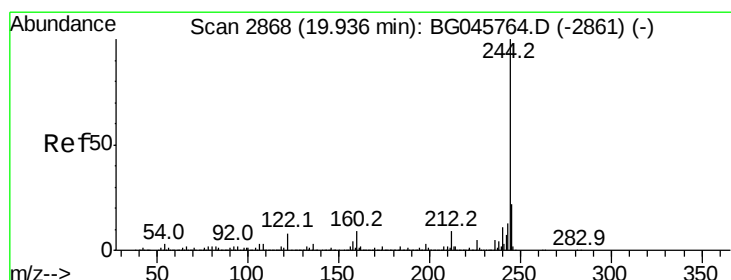
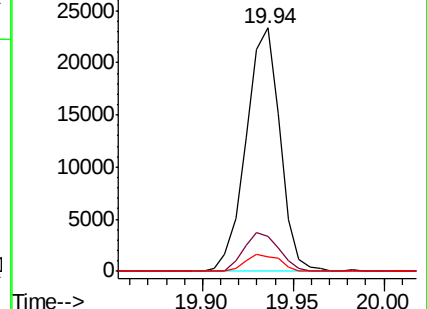
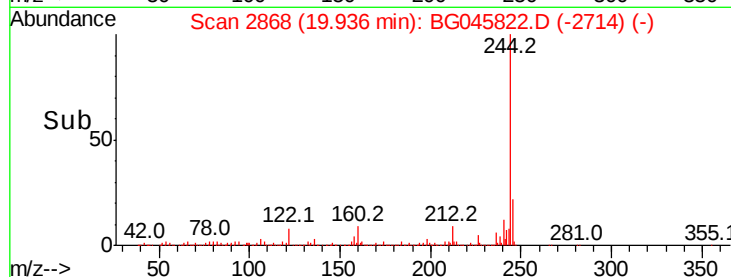
183 5.8 9.7 14.5#



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: 91.378 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045822.D

Acq: 22 Jun 2020 11:00

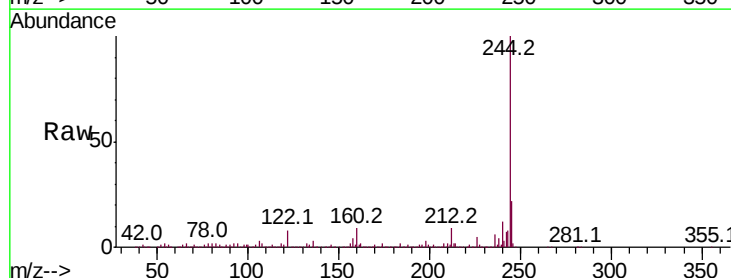
Tgt Ion:244 Resp: 1617224

Ion Ratio Lower Upper

244 100

212 9.0 7.2 10.8

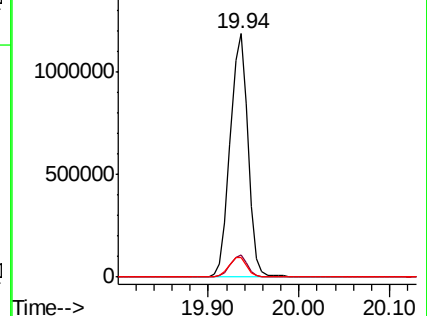
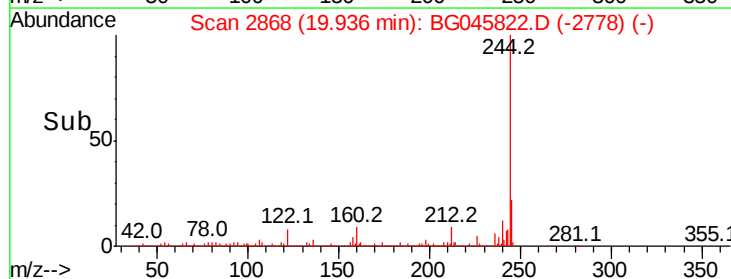
122 8.3 6.4 9.6

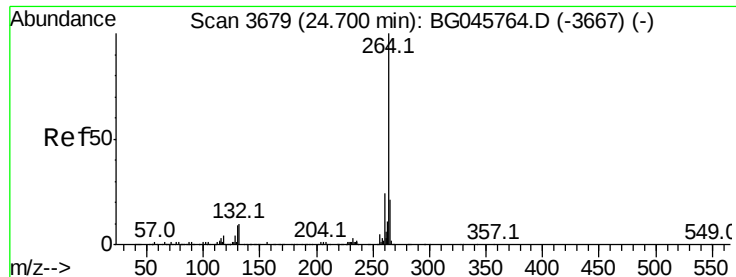


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG045822.D
Acq: 22 Jun 2020 11:00

Instrument :
BNA_G
ClientSampleId :
PB129622BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	19.5	17.4	26.0

