

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070120\
 Data File : BG045909.D
 Acq On : 1 Jul 2020 17:02
 Operator : CG/JU
 Sample : L3153-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP2-C

Quant Time: Jul 01 18:16:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 01 14:59:28 2020
 Response via : Initial Calibration

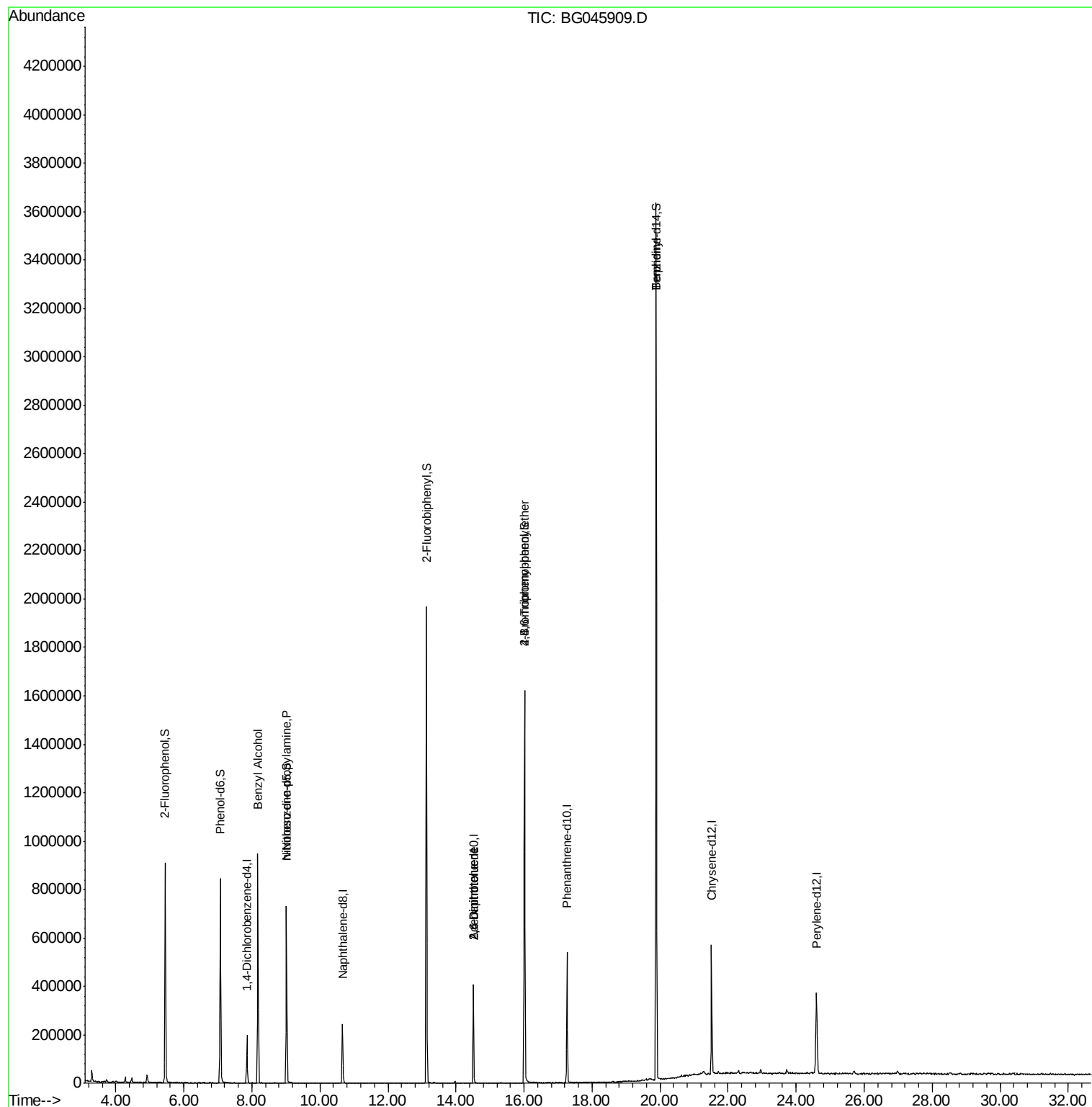
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	58574	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	219183	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	149361	20.00	ng	-0.01
64) Phenanthrene-d10	17.26	188	347091	20.00	ng	0.00
76) Chrysene-d12	21.51	240	343095	20.00	ng	-0.01
86) Perylene-d12	24.60	264	348434	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	421988	121.70	ng	0.00
7) Phenol-d6	7.07	99	528376	100.18	ng	-0.01
23) Nitrobenzene-d5	9.02	82	483493	100.77	ng	-0.01
42) 2,4,6-Tribromophenol	16.01	330	327403	145.19	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	1069627	105.24	ng	0.00
79) Terphenyl-d14	19.88	244	1736623	102.58	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.17	79	8389	2.055	ng	# 58
19) n-Nitroso-di-n-propylamine	9.02	70	67833	19.562	ng	# 81
51) 2,6-Dinitrotoluene	14.52	165	19542	7.436	ng	# 21
57) 2,4-Dinitrotoluene	14.52	165	19542	5.190	ng	# 22
67) 4-Bromophenyl-phenylether	16.01	248	22185	4.919	ng	# 1
77) Benzidine	19.88	184	32768	3.674	ng	# 90

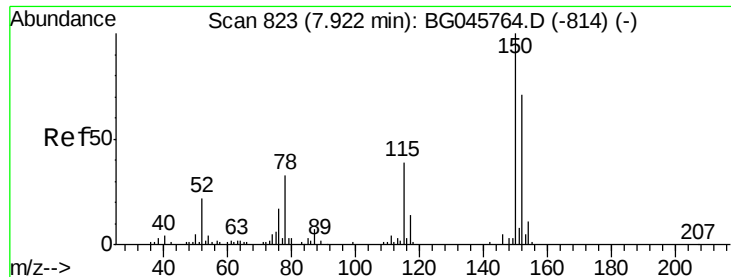
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070120\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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BNA_G
ClientSampleId :
SP2-C

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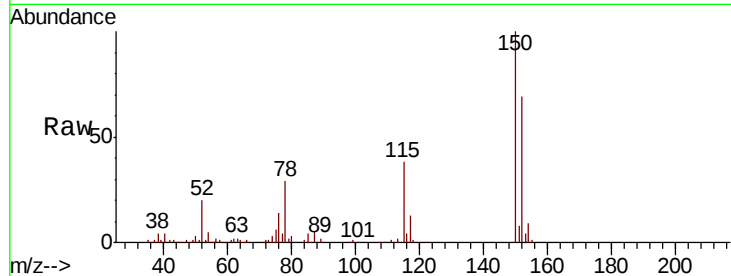


#1

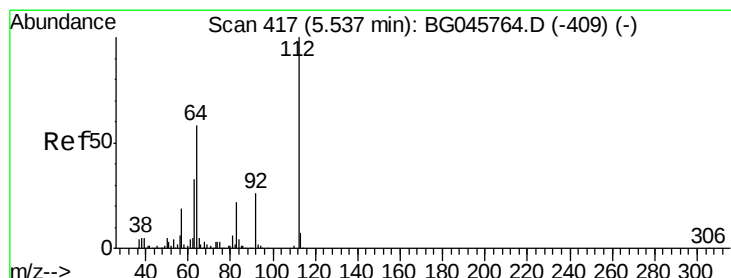
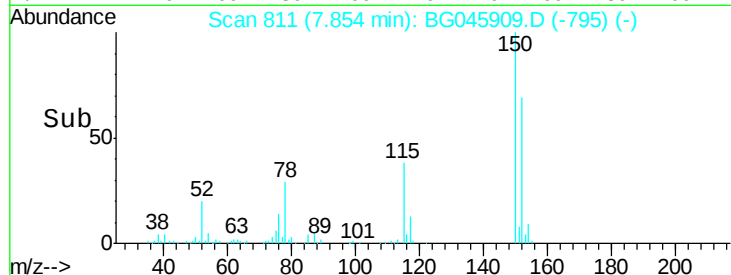
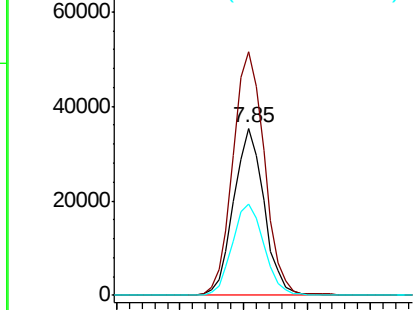
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG045909.D
Acq: 1 Jul 2020 17:02

Instrument :
BNA_G
ClientSampleId :
SP2-C

Tot Ion:152 Resp: 58574
Ion Ratio Lower Upper
152 100
150 145.7 123.9 185.9
115 55.0 48.6 72.8



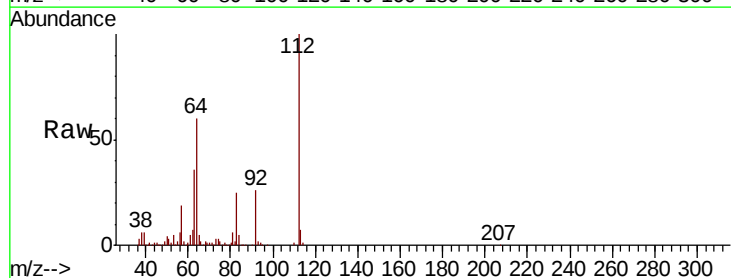
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



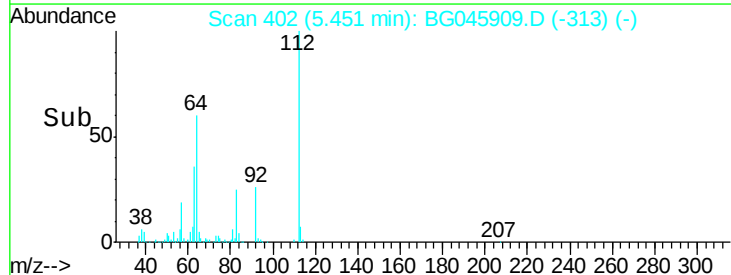
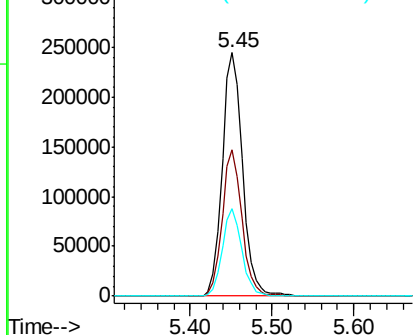
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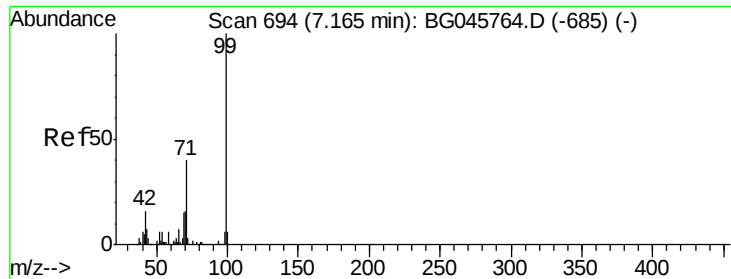
2-Fluorophenol
Concen: 121.699 ng
RT: 5.45 min Scan# 402
Delta R.T. -0.00 min
Lab File: BG045909.D
Acq: 1 Jul 2020 17:02

Tgt Ion:112 Resp: 421988
Ion Ratio Lower Upper
112 100
64 60.0 47.3 70.9
63 35.7 27.1 40.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 100.178 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG045909.D

Acq: 1 Jul 2020 17:02

Instrument :

BNA_G

ClientSampleId :

SP2-C

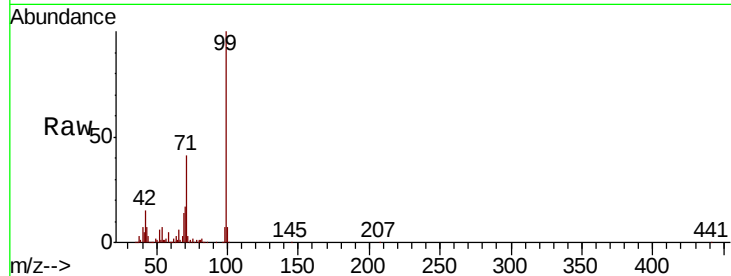
Tot Ion: 99 Resp: 528376

Ion Ratio Lower Upper

99 100

42 15.2 12.0 18.0

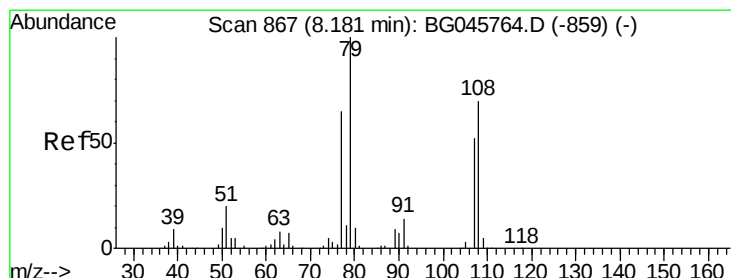
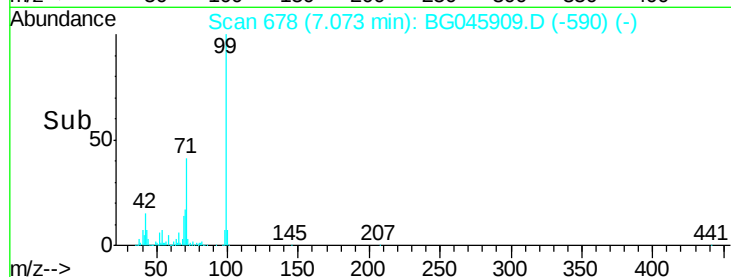
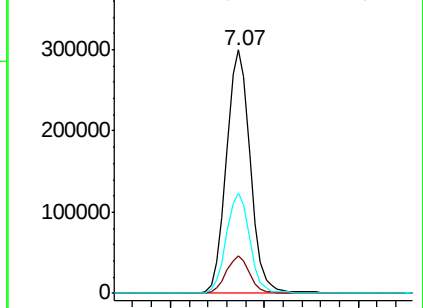
71 41.3 32.1 48.1



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: 2.055 ng

RT: 8.17 min Scan# 865

Delta R.T. 0.05 min

Lab File: BG045909.D

Acq: 1 Jul 2020 17:02

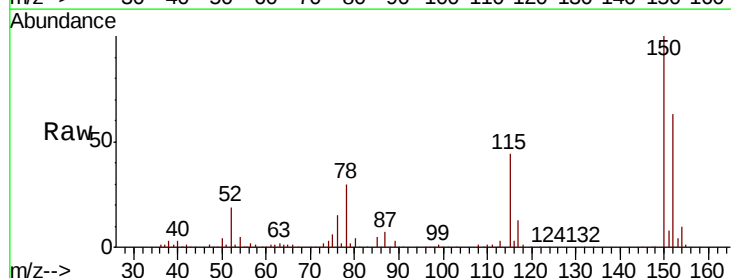
Tgt Ion: 79 Resp: 8389

Ion Ratio Lower Upper

79 100

108 33.6 55.5 83.3#

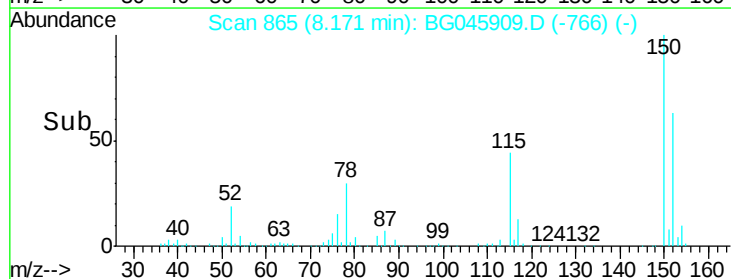
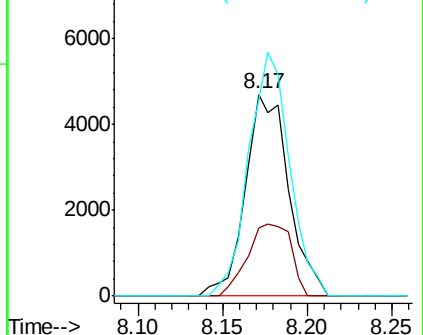
77 97.4 52.4 78.6#

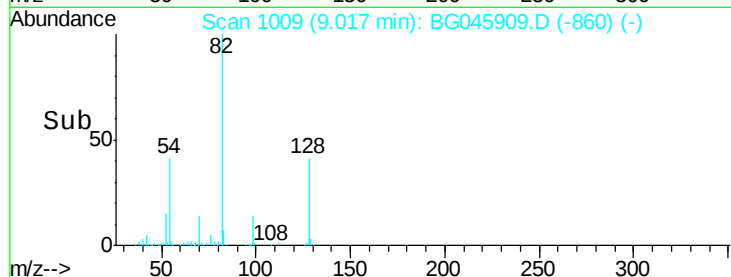
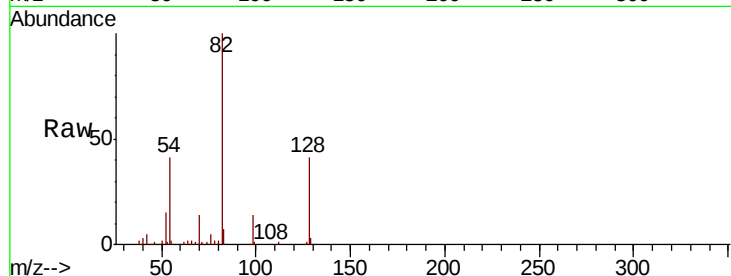
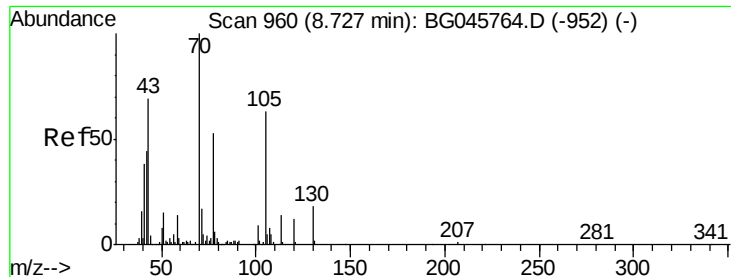


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

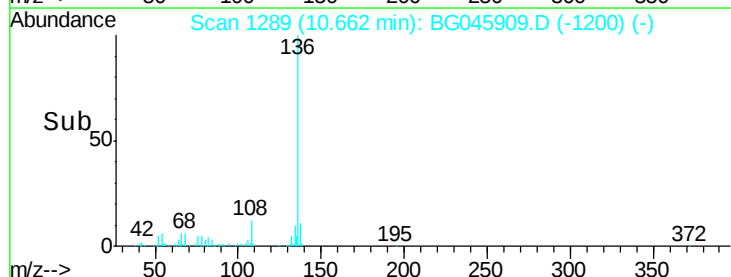
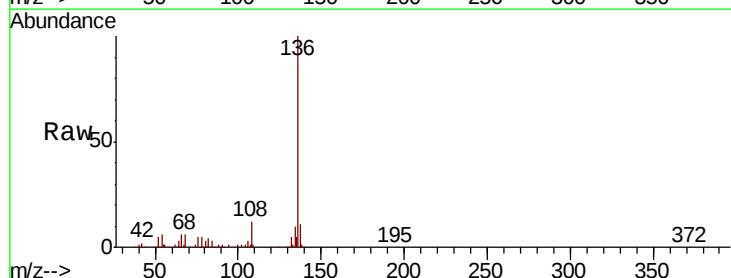
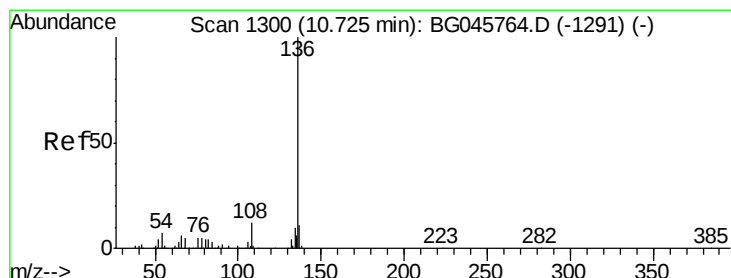
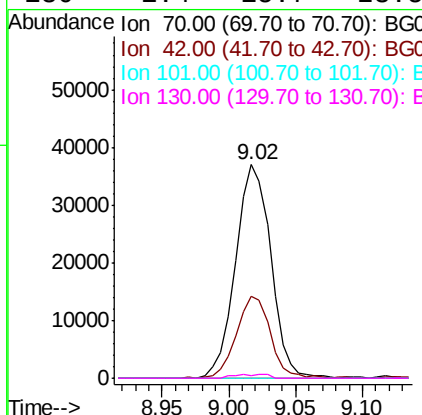




#19
n-Nitroso-di-n-propylamine
Concen: 19.562 ng
RT: 9.02 min Scan# 1009
Delta R.T. 0.35 min
Lab File: BG045909.D
Acq: 1 Jul 2020 17:02

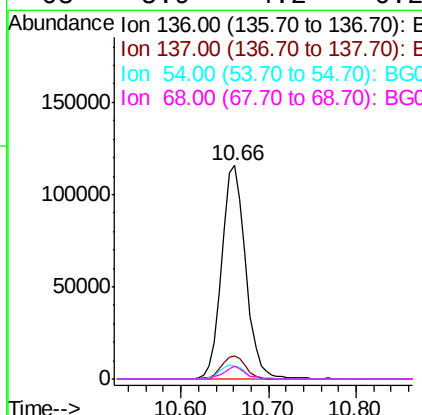
Instrument :
BNA_G
ClientSampleId :
SP2-C

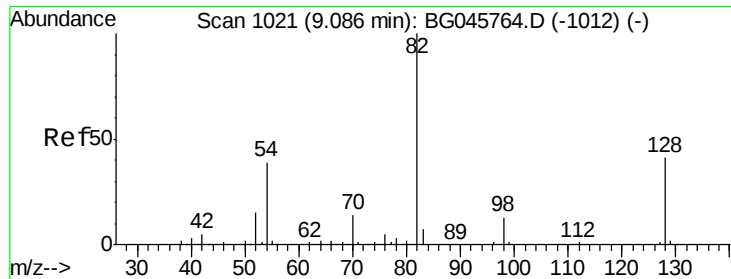
Tot Ion: 70 Resp: 67833
Ion Ratio Lower Upper
70 100
42 38.3 35.5 53.3
101 0.0 6.7 10.1#
130 1.4 15.7 23.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG045909.D
Acq: 1 Jul 2020 17:02

Tgt Ion: 136 Resp: 219183
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 6.1 4.5 6.7
68 5.9 4.2 6.2

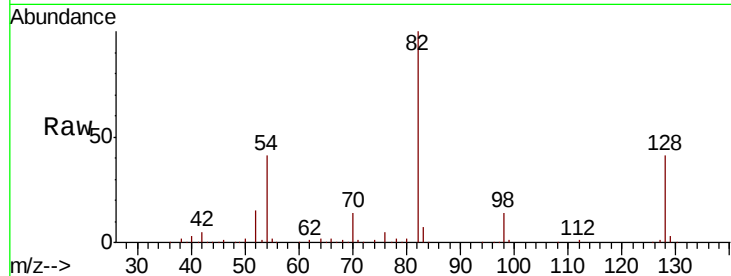




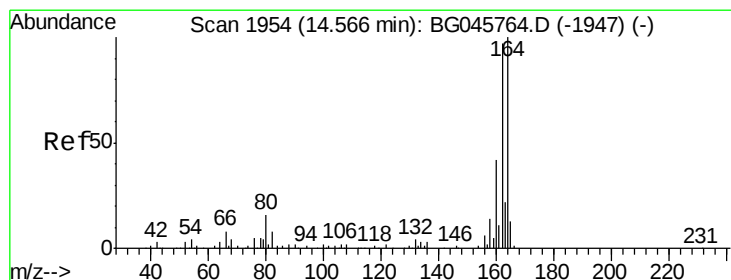
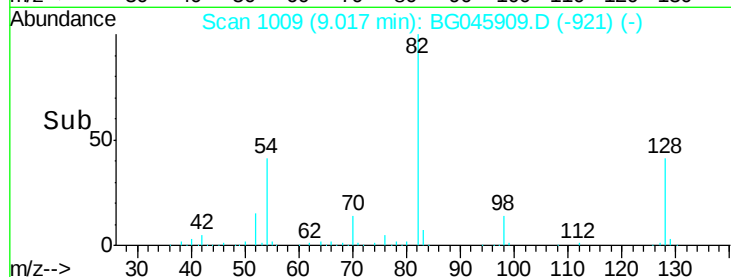
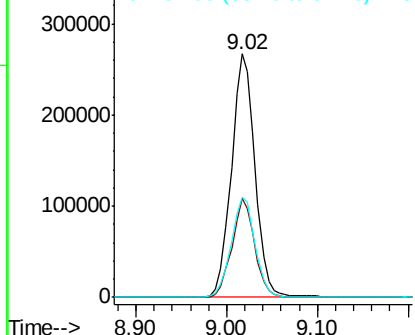
#23
 Nitrobenzene-d5
 Concen: 100.773 ng
 RT: 9.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG045909.D
 Acq: 1 Jul 2020 17:02

Instrument :
 BNA_G
 ClientSampleId :
 SP2-C

Tot Ion: 82 Resp: 483493
 Ion Ratio Lower Upper
 82 100
 128 40.6 31.0 46.6
 54 41.3 32.8 49.2

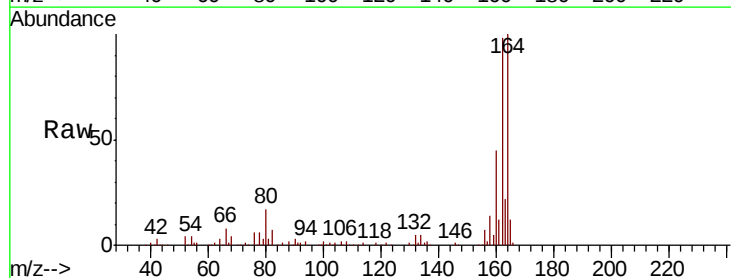


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

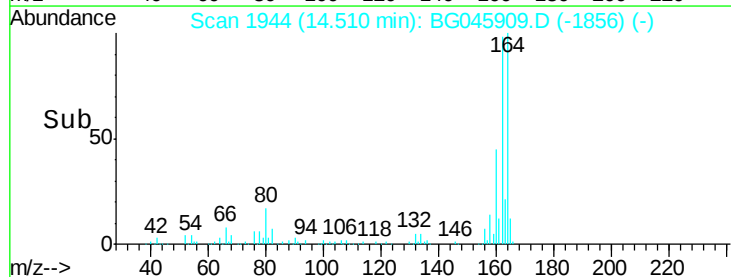
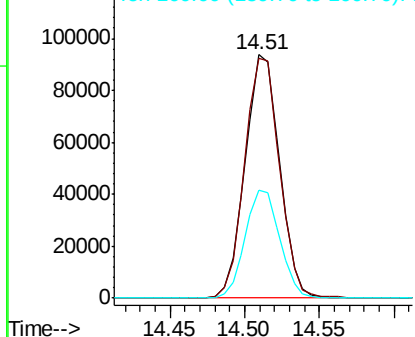


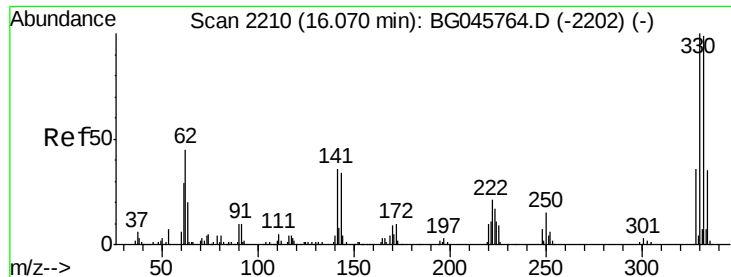
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG045909.D
 Acq: 1 Jul 2020 17:02

Tgt Ion: 164 Resp: 149361
 Ion Ratio Lower Upper
 164 100
 162 98.4 76.3 114.5
 160 44.5 35.4 53.2



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

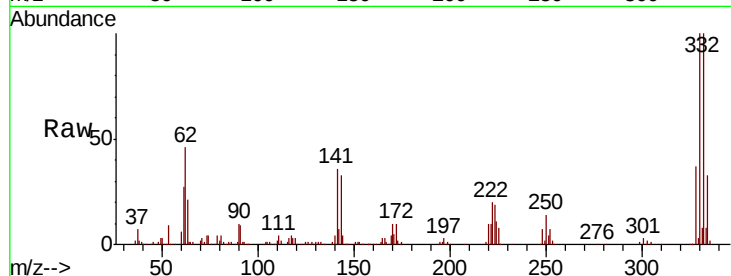




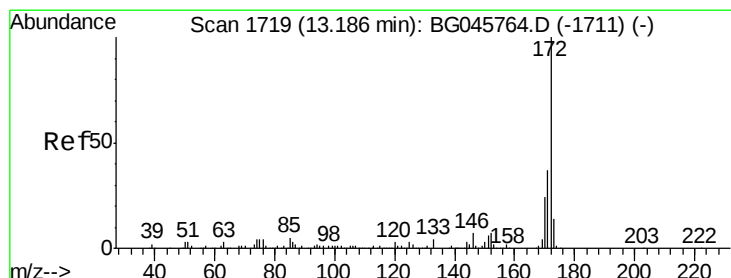
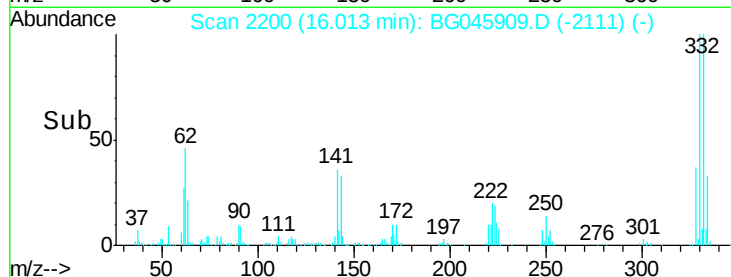
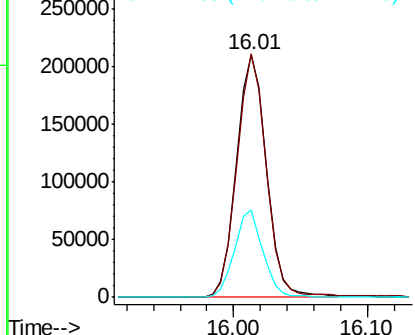
#42
 2,4,6-Tribromophenol
 Concen: 145.192 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG045909.D
 Acq: 1 Jul 2020 17:02

Instrument :
 BNA_G
 ClientSampleId :
 SP2-C

Tot Ion:330 Resp: 327403
 Ion Ratio Lower Upper
 330 100
 332 99.4 77.4 116.0
 141 34.7 27.8 41.8

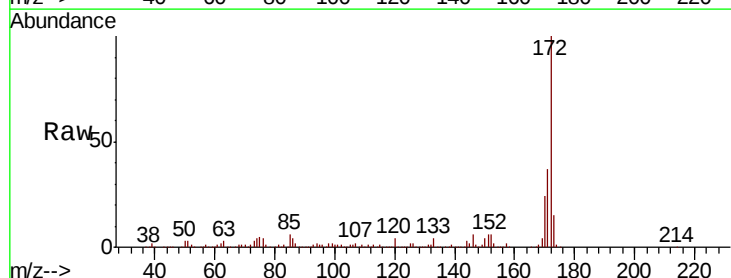


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

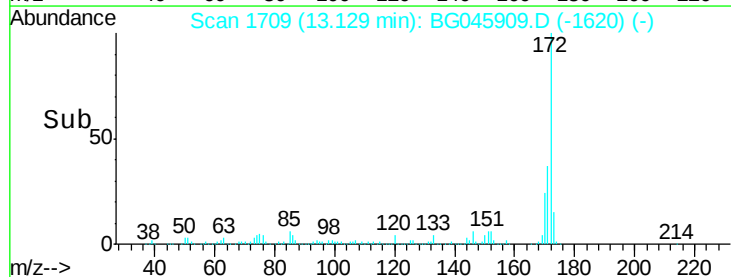
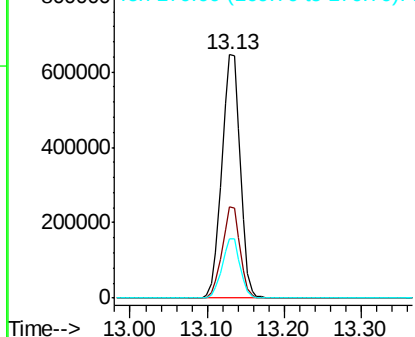


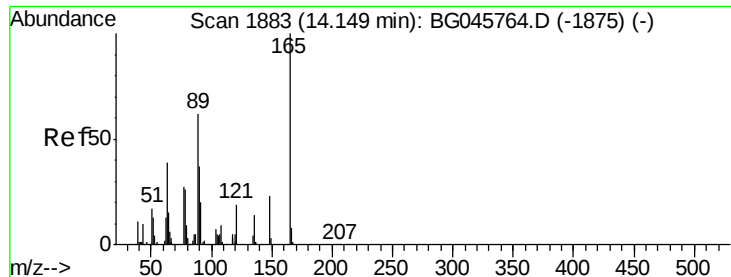
#45
 2-Fluorobiphenyl
 Concen: 105.240 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG045909.D
 Acq: 1 Jul 2020 17:02

Tgt Ion:172 Resp: 1069627
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.0 43.6
 170 24.1 18.9 28.3



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: 7.436 ng

RT: 14.52 min Scan# 1945

Delta R.T. 0.42 min

Lab File: BG045909.D

Acq: 1 Jul 2020 17:02

Instrument :

BNA_G

ClientSampleId :

SP2-C

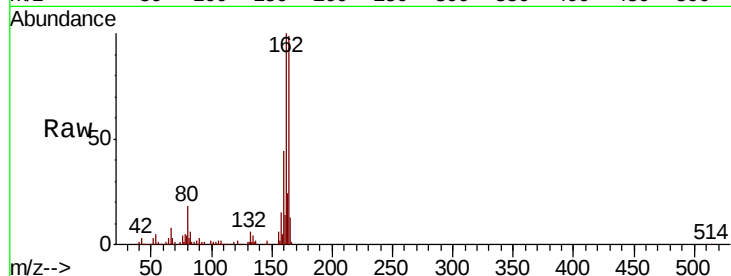
Tot Ion:165 Resp: 19542

Ion Ratio Lower Upper

165 100

63 1.8 48.8 73.2#

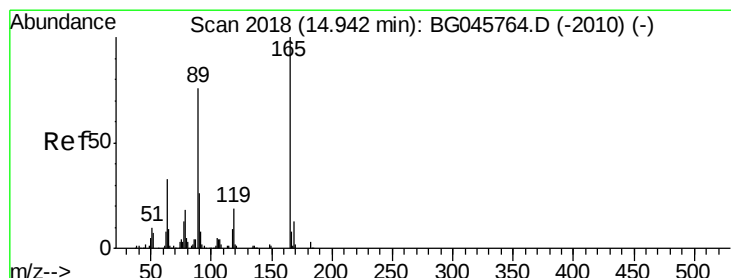
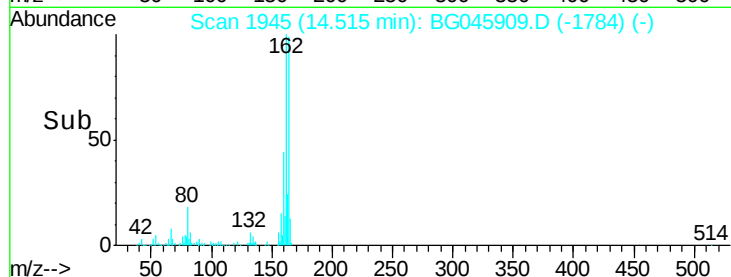
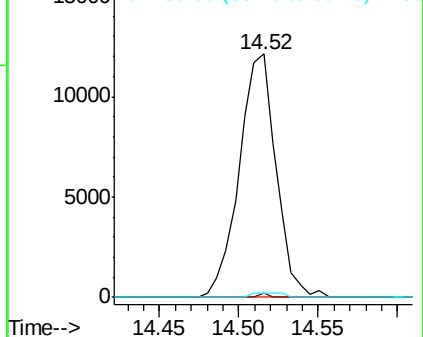
89 1.7 51.0 76.4#



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



#57

2,4-Dinitrotoluene

Concen: 5.190 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.37 min

Lab File: BG045909.D

Acq: 1 Jul 2020 17:02

Tgt Ion:165 Resp: 19542

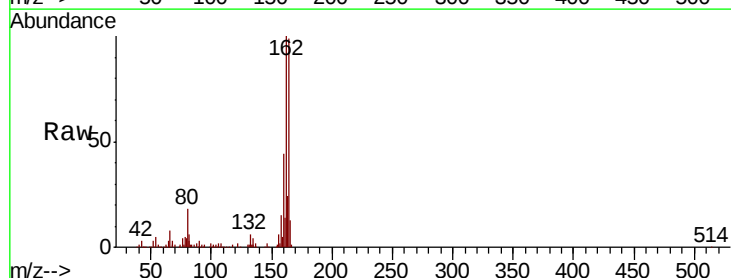
Ion Ratio Lower Upper

165 100

63 1.8 34.4 51.6#

89 1.7 63.0 94.4#

182 0.0 2.2 3.2#

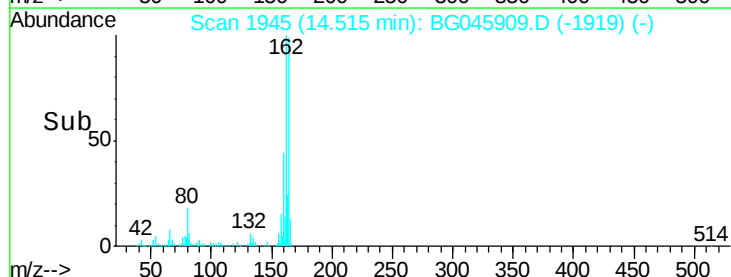
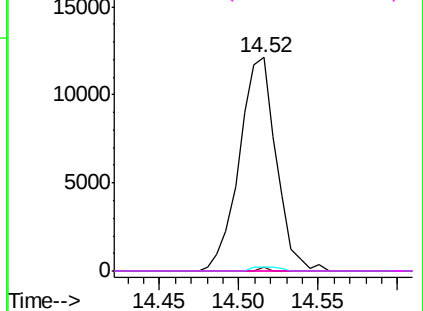


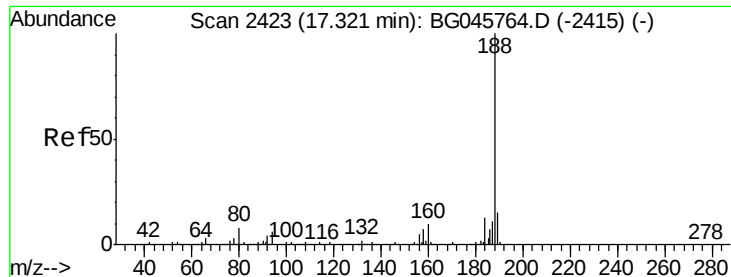
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.26 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG045909.D

Acq: 1 Jul 2020 17:02

Instrument :

BNA_G

ClientSampleId :

SP2-C

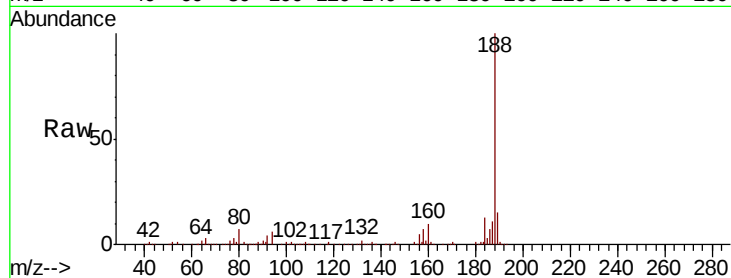
Tot Ion:188 Resp: 347091

Ion Ratio Lower Upper

188 100

94 6.1 5.5 8.3

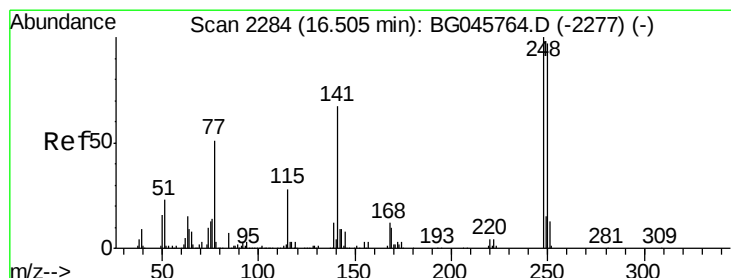
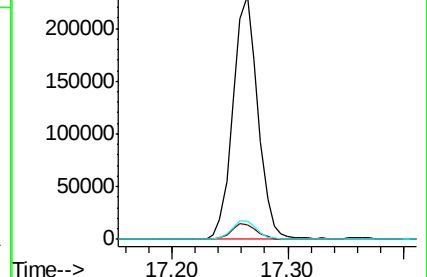
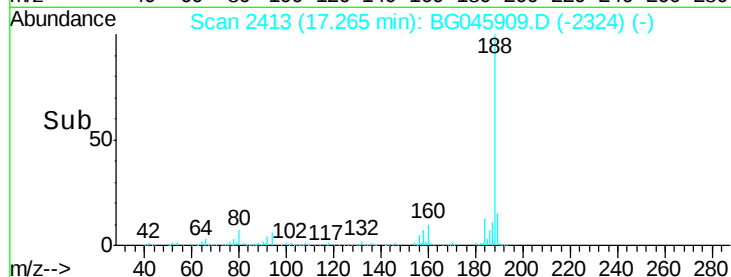
80 7.4 6.3 9.5



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: 4.919 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.45 min

Lab File: BG045909.D

Acq: 1 Jul 2020 17:02

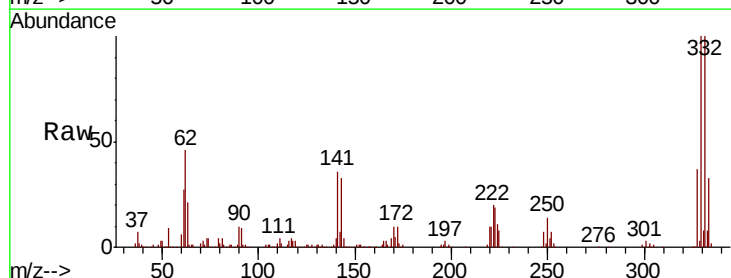
Tgt Ion:248 Resp: 22185

Ion Ratio Lower Upper

248 100

250 206.0 75.7 113.5#

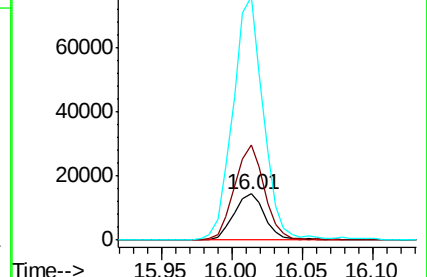
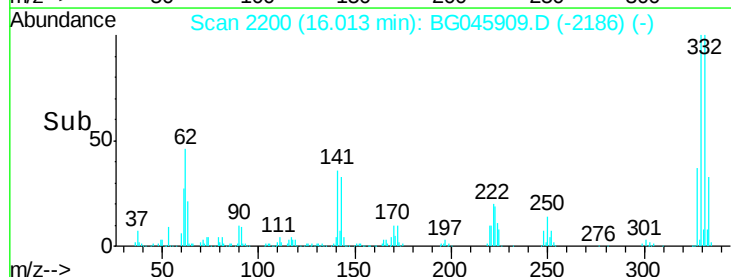
141 526.0 55.0 82.4#

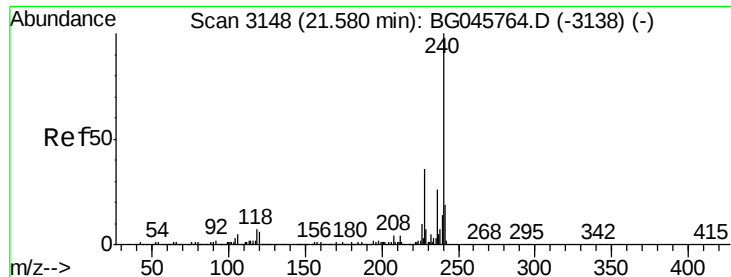


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

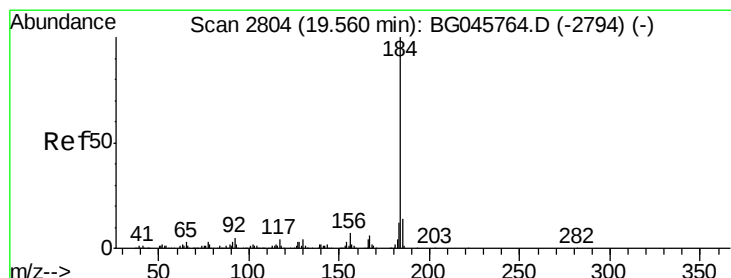
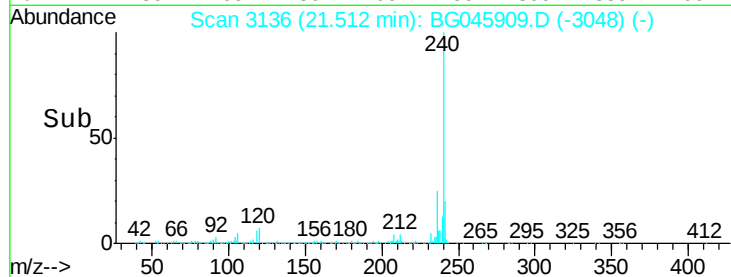
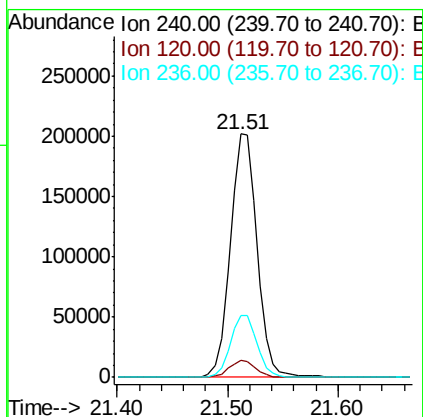
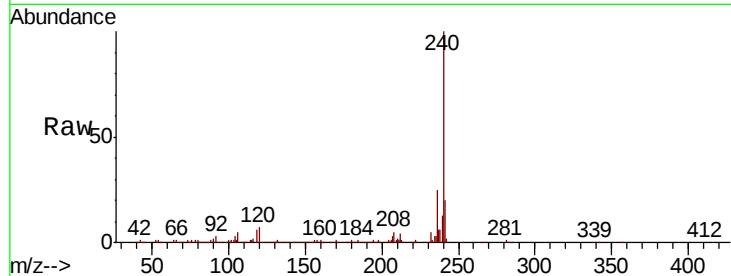




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG045909.D
Acq: 1 Jul 2020 17:02

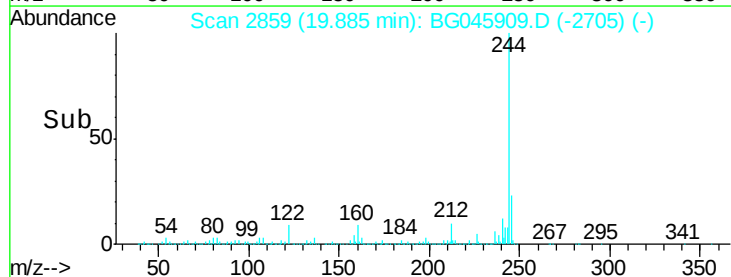
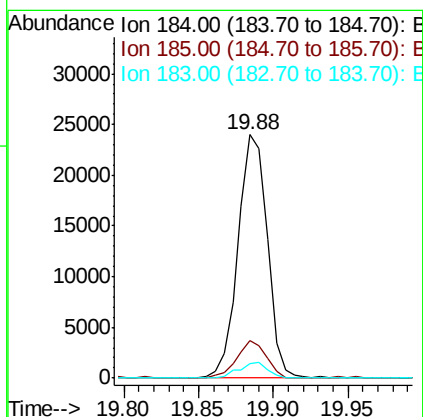
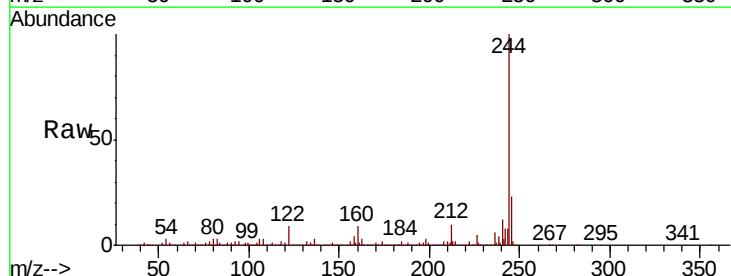
Instrument :
BNA_G
ClientSampleId :
SP2-C

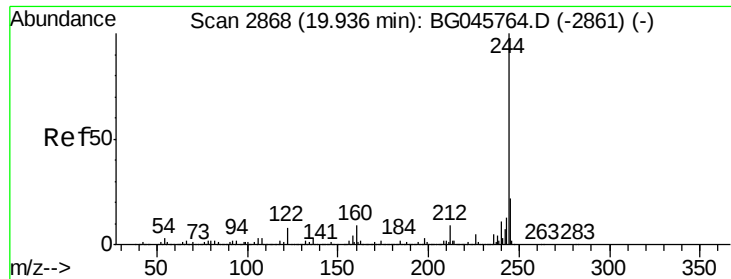
Tot Ion:240 Resp: 343095
Ion Ratio Lower Upper
240 100
120 6.8 5.4 8.2
236 25.3 21.2 31.8



#77
Benzidine
Concen: 3.674 ng
RT: 19.88 min Scan# 2859
Delta R.T. 0.38 min
Lab File: BG045909.D
Acq: 1 Jul 2020 17:02

Tgt Ion:184 Resp: 32768
Ion Ratio Lower Upper
184 100
185 15.4 11.6 17.4
183 5.7 10.4 15.6#





#79

Terphenyl-d14

Concen: 102.579 ng

RT: 19.88 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG045909.D

Acq: 1 Jul 2020 17:02

Instrument :

BNA_G

ClientSampleId :

SP2-C

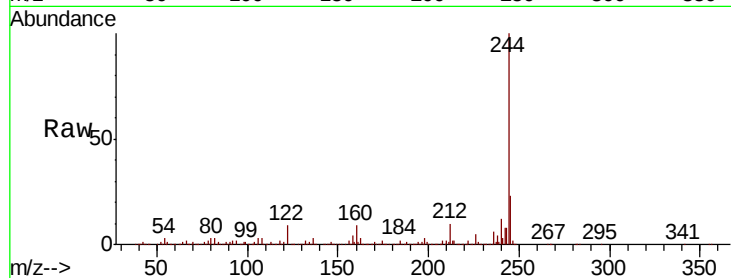
Tot Ion:244 Resp: 1736623

Ion Ratio Lower Upper

244 100

212 9.6 7.1 10.7

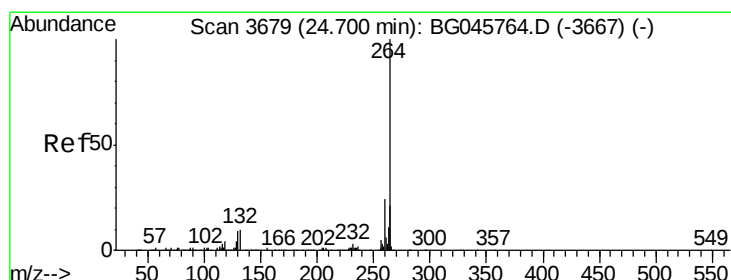
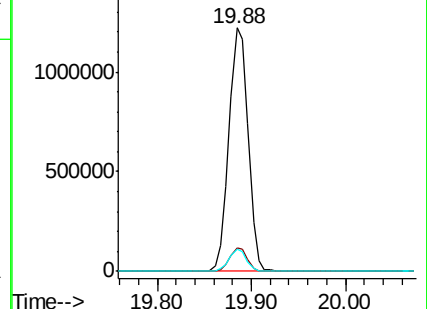
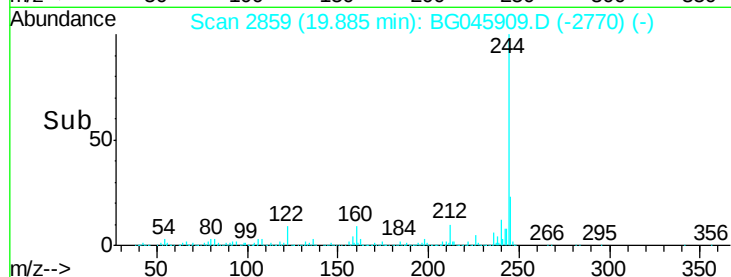
122 8.9 6.7 10.1



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

Perylene-d12

Concen: 20.000 ng

RT: 24.60 min Scan# 3661

Delta R.T. -0.01 min

Lab File: BG045909.D

Acq: 1 Jul 2020 17:02

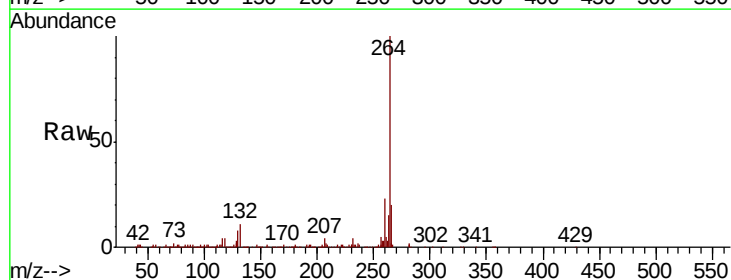
Tgt Ion:264 Resp: 348434

Ion Ratio Lower Upper

264 100

260 23.1 17.7 26.5

265 20.3 16.9 25.3



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

