

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045920.D
 Acq On : 2 Jul 2020 18:44
 Operator : CG/JU
 Sample : L3172-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP7-SS

Quant Time: Jul 03 00:37:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 14:02:29 2020
 Response via : Initial Calibration

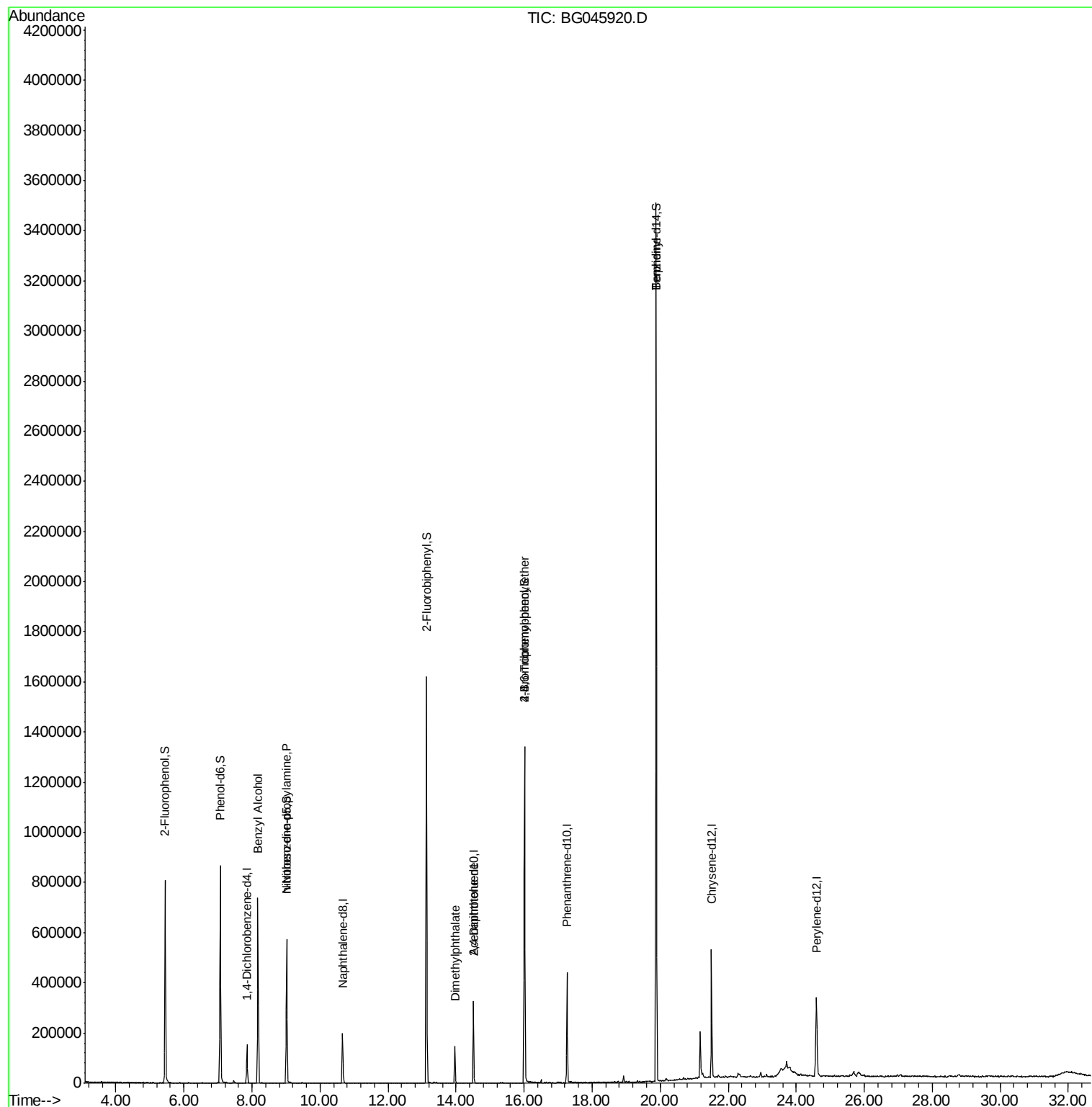
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	44880	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	174194	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	119645	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	279567	20.00	ng	0.00
76) Chrysene-d12	21.51	240	311336	20.00	ng	-0.01
86) Perylene-d12	24.59	264	324774	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	381905	143.74	ng	0.00
7) Phenol-d6	7.07	99	553538	136.97	ng	0.00
23) Nitrobenzene-d5	9.02	82	387577	101.64	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	273526	151.43	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	878299	107.88	ng	0.00
79) Terphenyl-d14	19.88	244	1644482	107.05	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.18	79	7252	2.319	ng	# 49
19) n-Nitroso-di-n-propylamine	9.02	70	55080	20.731	ng	# 83
50) Dimethylphthalate	13.97	163	102240	10.908	ng	# 97
57) 2,4-Dinitrotoluene	14.51	165	15642	5.186	ng	# 22
67) 4-Bromophenyl-phenylether	16.01	248	18188	5.007	ng	# 1
77) Benzidine	19.88	184	31296	3.867	ng	# 90

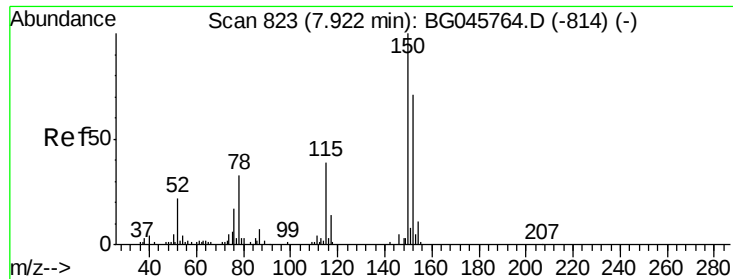
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 14:02:29 2020
Response via : Initial Calibration



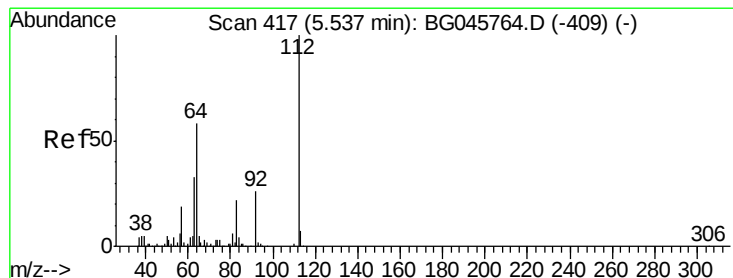
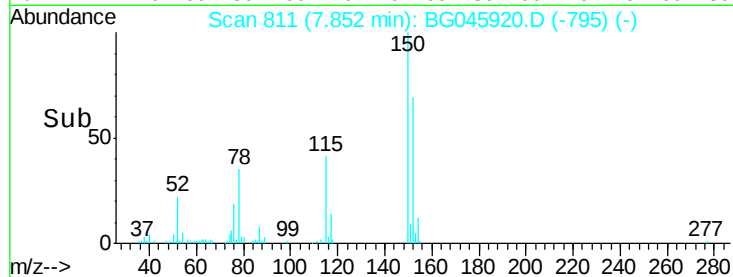
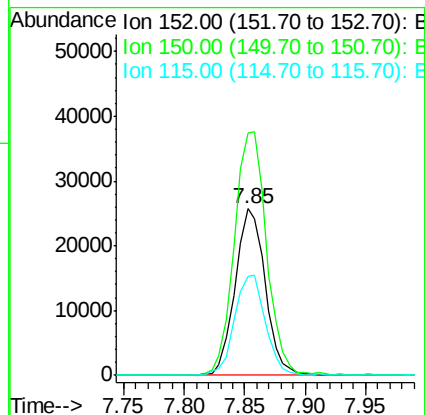
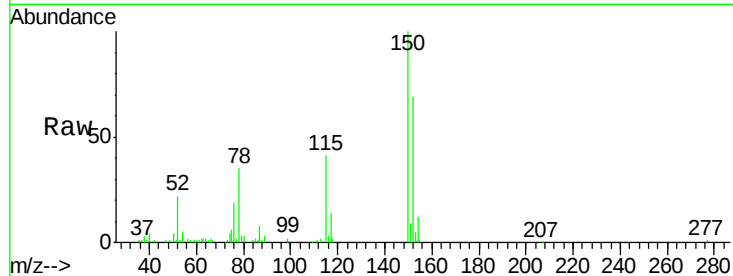


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG045920.D
Acq: 2 Jul 2020 18:44

Instrument :
BNA_G
ClientSampled :
TP7-SS

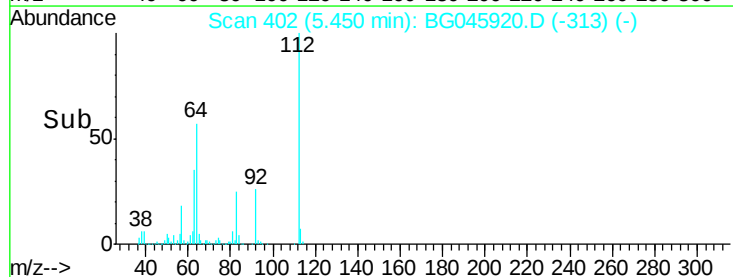
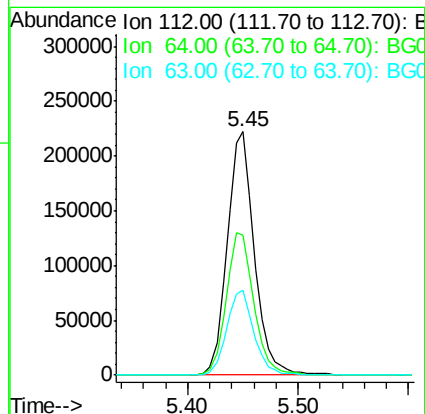
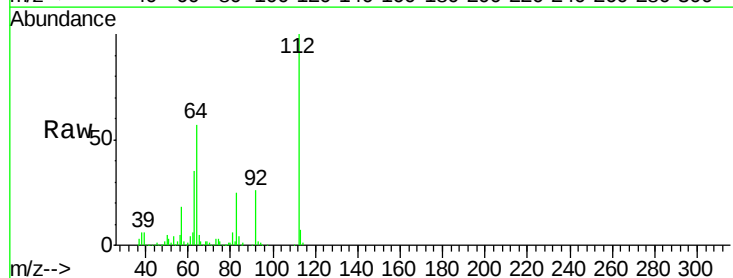
Tot Ion:152 Resp: 44880
Ion Ratio Lower Upper
152 100
150 145.8 124.5 186.7
115 59.3 45.8 68.8

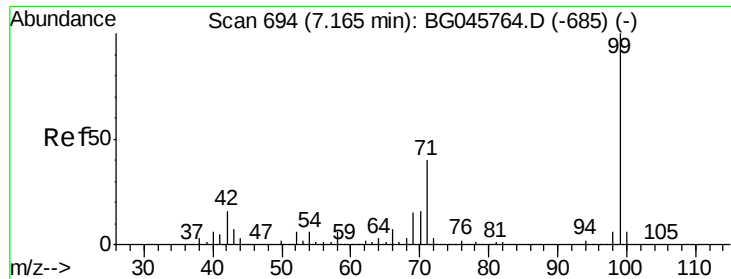


#5

2-Fluorophenol
Concen: 143.745 ng
RT: 5.45 min Scan# 402
Delta R.T. -0.00 min
Lab File: BG045920.D
Acq: 2 Jul 2020 18:44

Tgt Ion:112 Resp: 381905
Ion Ratio Lower Upper
112 100
64 57.4 44.9 67.3
63 35.1 26.9 40.3





#7

Phenol-d6

Concen: 136.972 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG045920.D

Acq: 2 Jul 2020 18:44

Instrument :

BNA_G

ClientSampleId :

TP7-SS

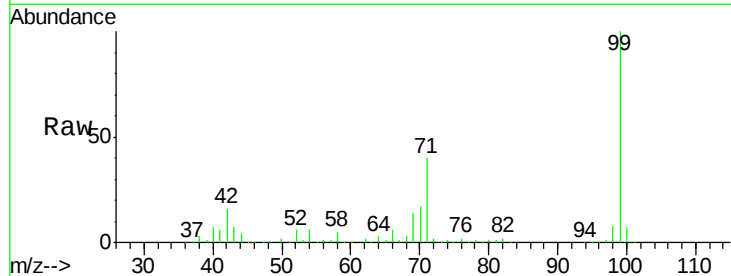
Tot Ion: 99 Resp: 553538

Ion Ratio Lower Upper

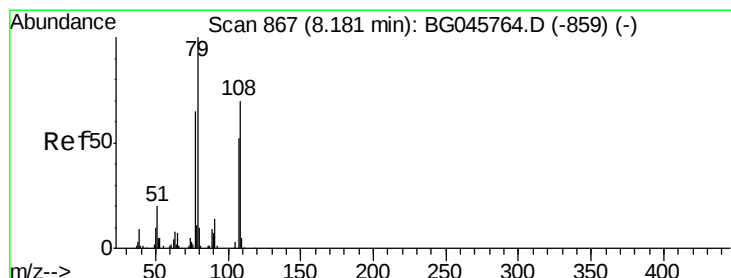
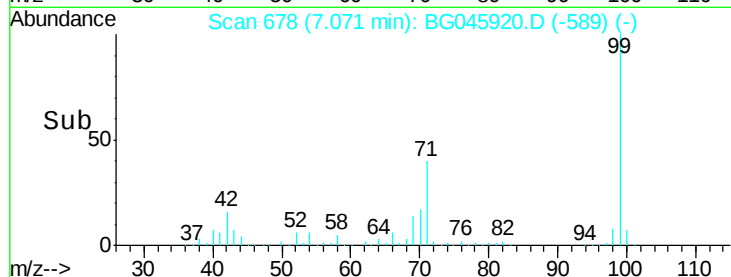
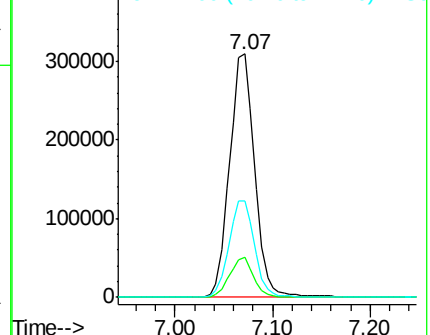
99 100

42 16.2 11.8 17.8

71 39.8 31.0 46.6



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: 2.319 ng

RT: 8.18 min Scan# 866

Delta R.T. 0.07 min

Lab File: BG045920.D

Acq: 2 Jul 2020 18:44

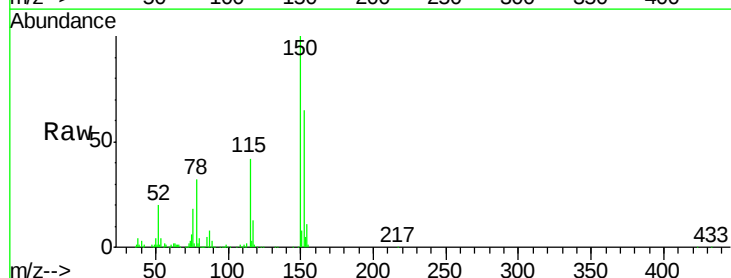
Tgt Ion: 79 Resp: 7252

Ion Ratio Lower Upper

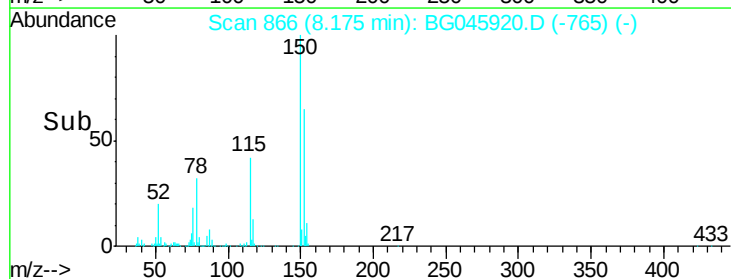
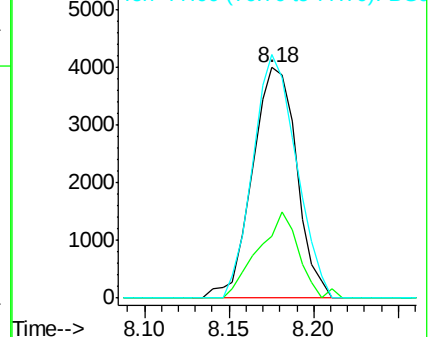
79 100

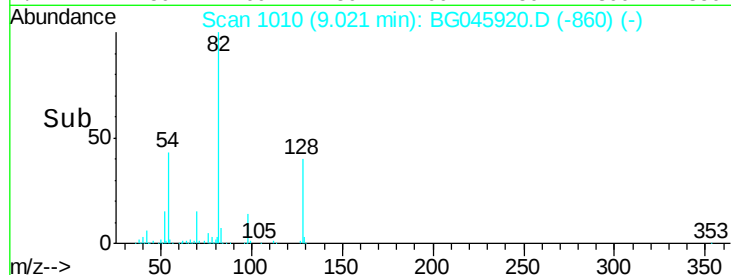
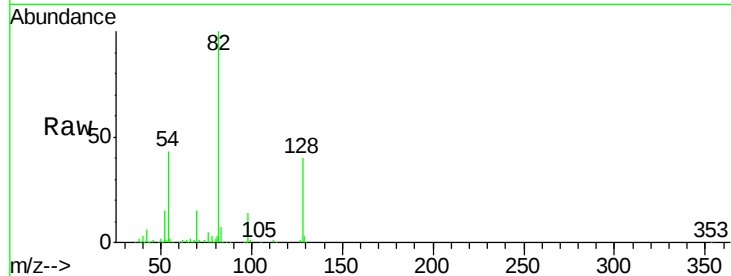
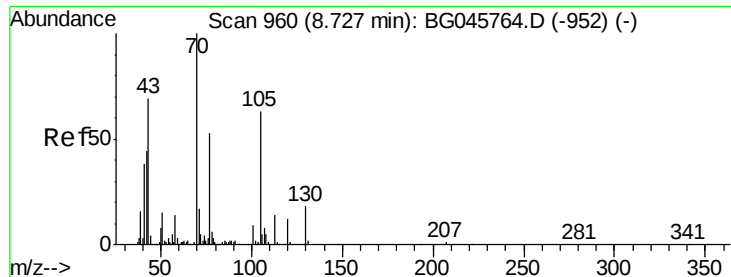
108 26.7 50.7 76.1#

77 105.6 50.4 75.6#



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

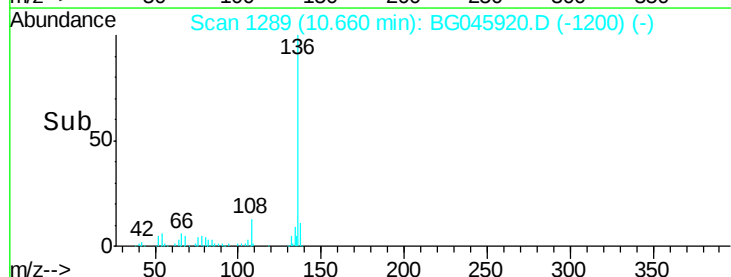
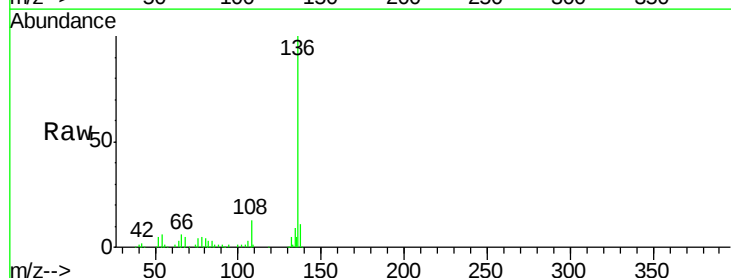
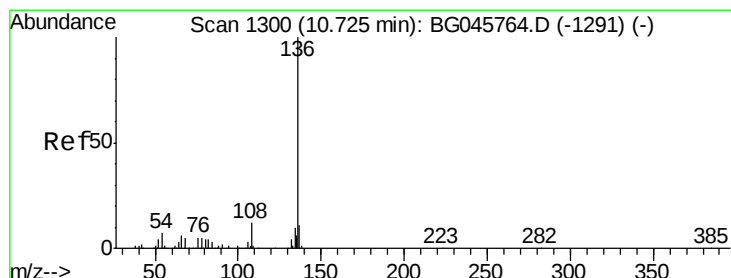
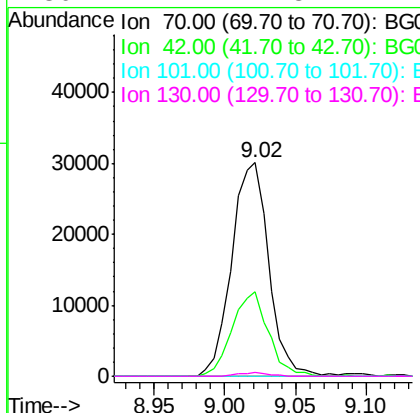




#19
n-Nitroso-di-n-propylamine
Concen: 20.731 ng
RT: 9.02 min Scan# 1010
Delta R.T. 0.35 min
Lab File: BG045920.D
Acq: 2 Jul 2020 18:44

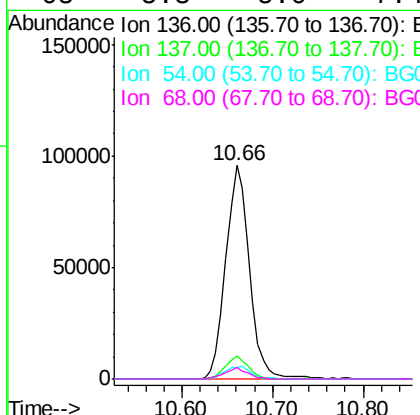
Instrument :
BNA_G
ClientSampleId :
TP7-SS

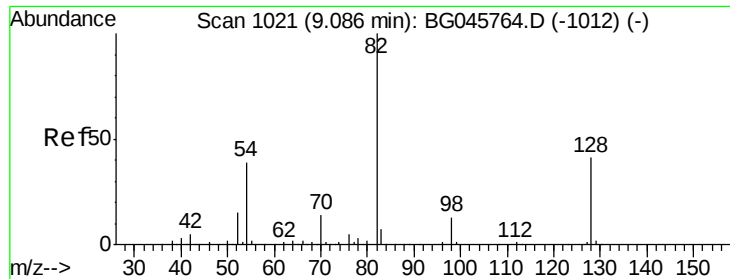
Tot Ion: 70 Resp: 55080
Ion Ratio Lower Upper
70 100
42 39.6 35.6 53.4
101 0.0 6.6 10.0#
130 2.1 14.8 22.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG045920.D
Acq: 2 Jul 2020 18:44

Tgt Ion: 136 Resp: 174194
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.4
54 5.6 4.6 7.0
68 5.3 5.0 7.4

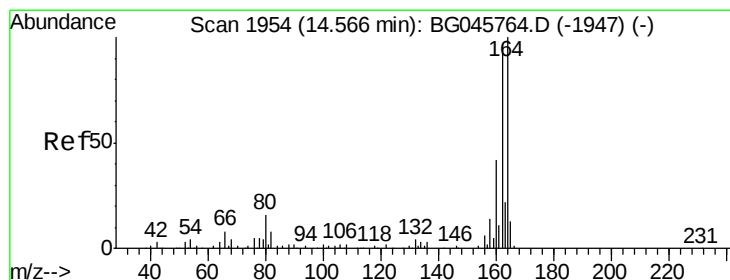
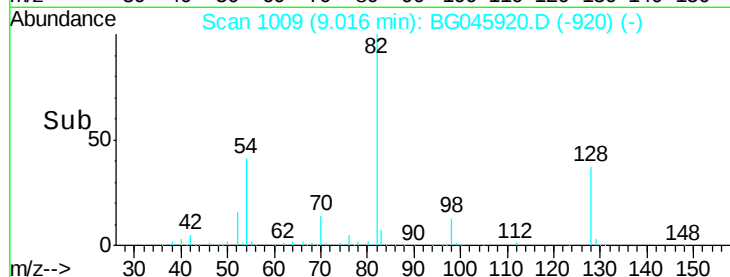
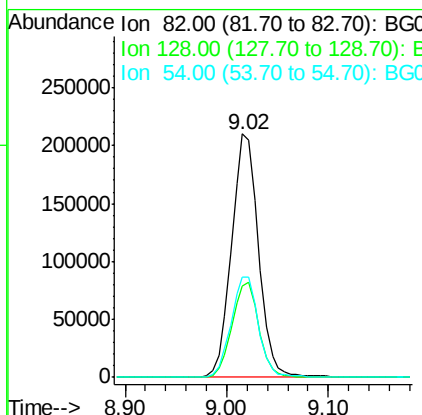
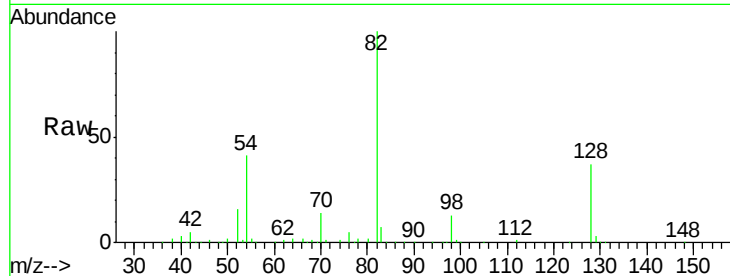




#23
Nitrobenzene-d5
Concen: 101.644 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG045920.D
Acq: 2 Jul 2020 18:44

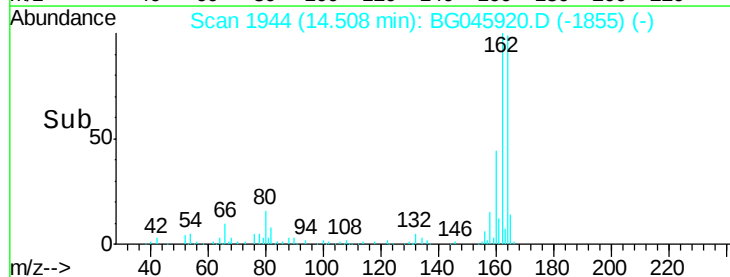
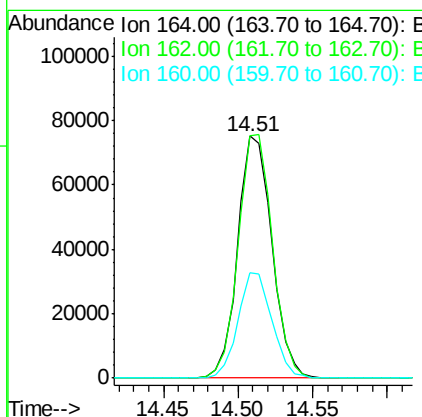
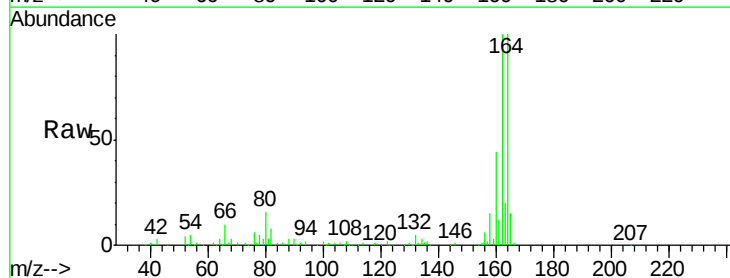
Instrument :
BNA_G
ClientSampled :
TP7-SS

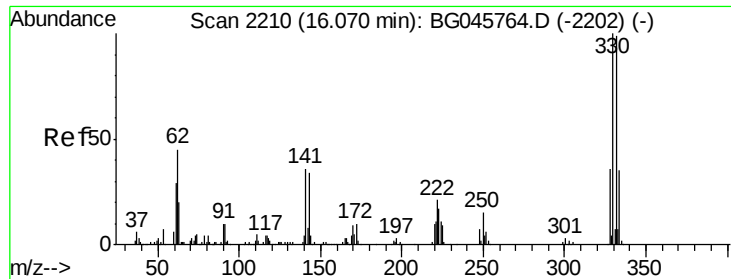
Tot Ion: 82 Resp: 387577
Ion Ratio Lower Upper
82 100
128 37.3 29.9 44.9
54 41.4 33.3 49.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BG045920.D
Acq: 2 Jul 2020 18:44

Tgt Ion: 164 Resp: 119645
Ion Ratio Lower Upper
164 100
162 99.9 78.8 118.2
160 43.6 33.8 50.6

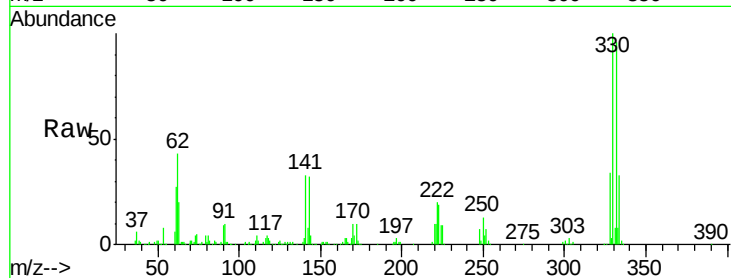




#42
 2,4,6-Tribromophenol
 Concen: 151.426 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG045920.D
 Acq: 2 Jul 2020 18:44

Instrument :
 BNA_G
 ClientSampleId :
 TP7-SS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.4	119.0
141	35.1	28.2	42.2

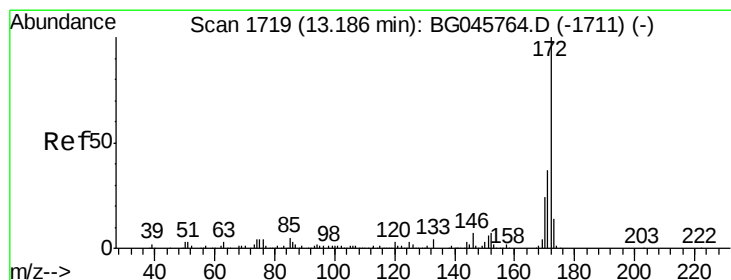
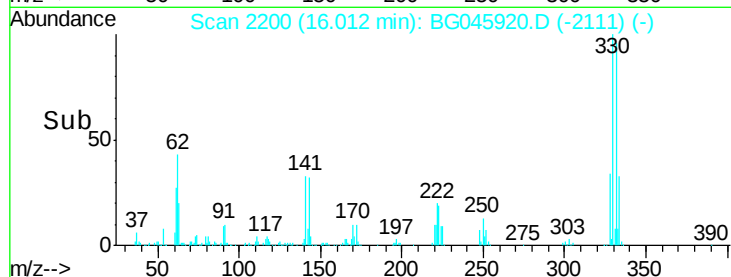
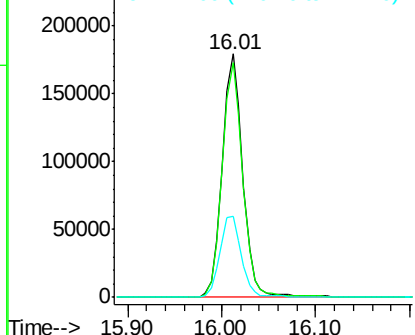


Abundance

Ion 329.80 (329.50 to 330.50): E

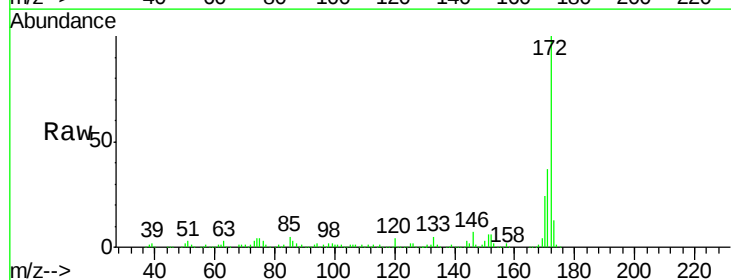
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 107.878 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG045920.D
 Acq: 2 Jul 2020 18:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.5	42.7
170	24.2	18.9	28.3

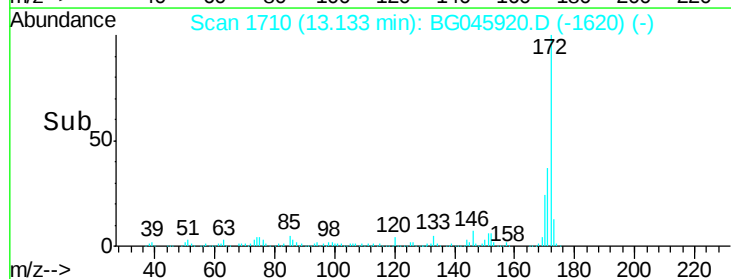
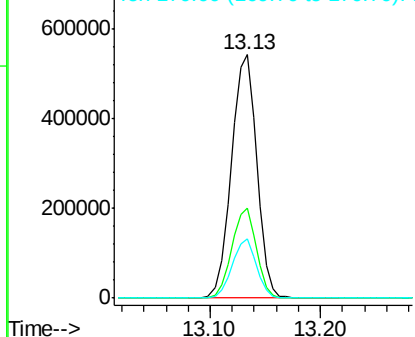


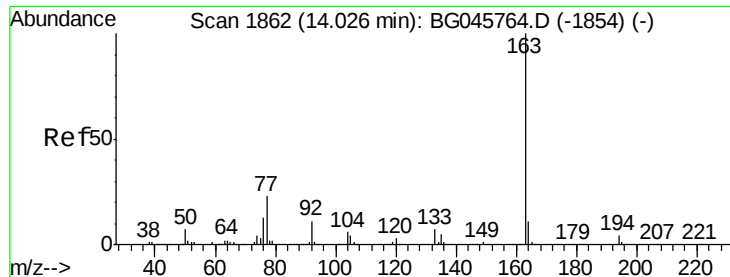
Abundance

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





#50

Dimethylphthalate

Concen: 10.908 ng

RT: 13.97 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BG045920.D

Acq: 2 Jul 2020 18:44

Instrument :

BNA_G

ClientSampleId :

TP7-SS

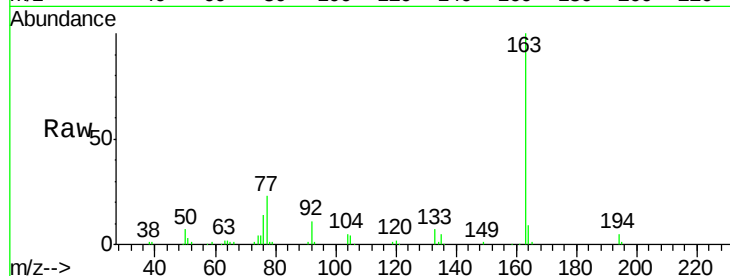
Tot Ion:163 Resp: 102240

Ion Ratio Lower Upper

163 100

194 5.1 3.5 5.3

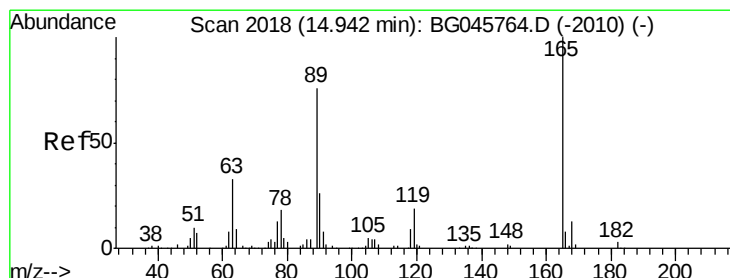
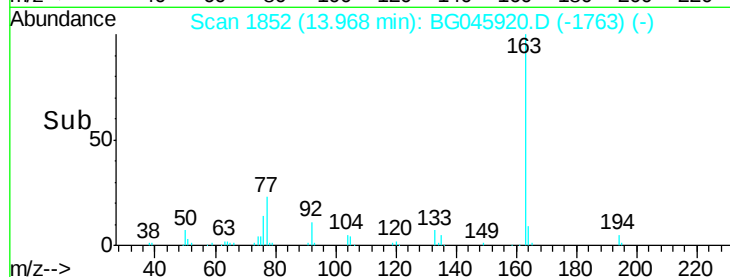
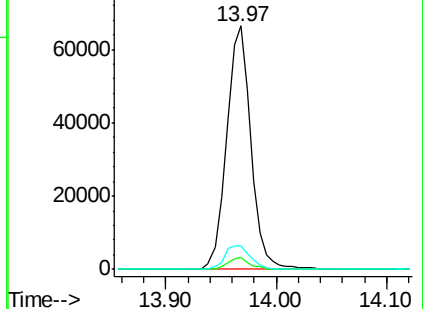
164 9.4 8.7 13.1



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: 5.186 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.38 min

Lab File: BG045920.D

Acq: 2 Jul 2020 18:44

Tgt Ion:165 Resp: 15642

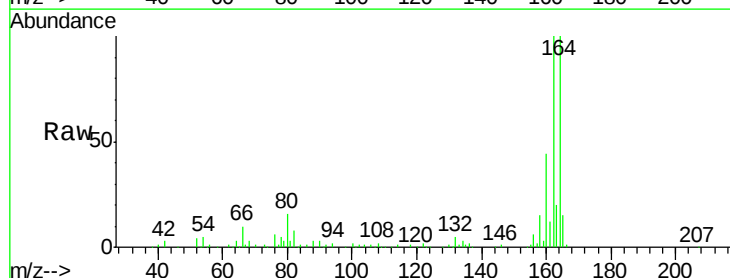
Ion Ratio Lower Upper

165 100

63 1.4 34.5 51.7#

89 0.0 60.8 91.2#

182 0.0 2.3 3.5#

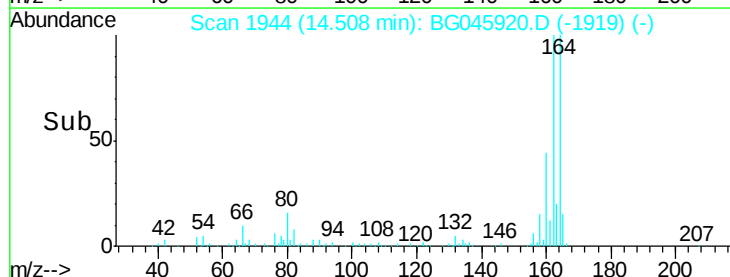
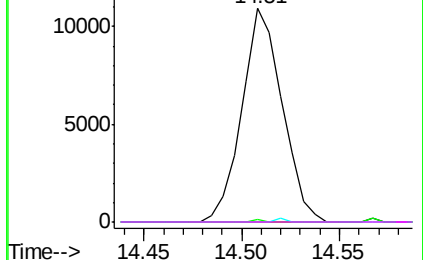


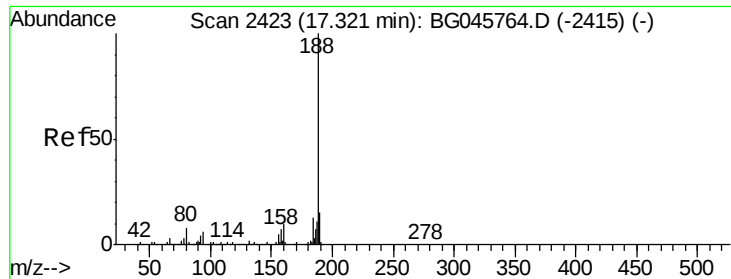
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.26 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG045920.D

Acq: 2 Jul 2020 18:44

Instrument :

BNA_G

ClientSampled :

TP7-SS

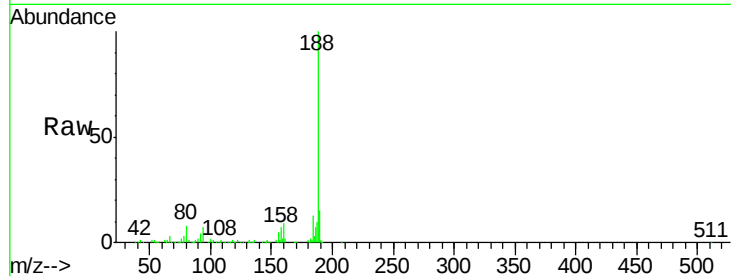
Tot Ion:188 Resp: 279567

Ion Ratio Lower Upper

188 100

94 6.8 5.5 8.3

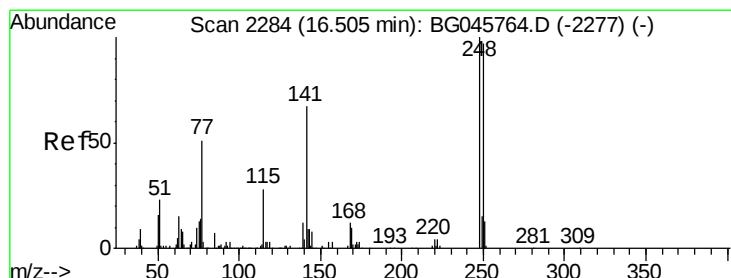
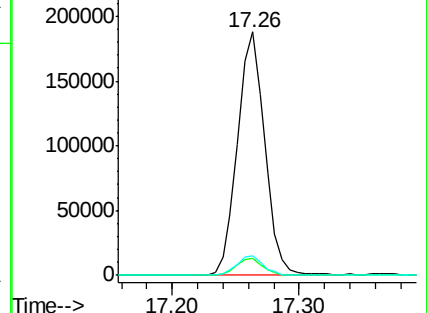
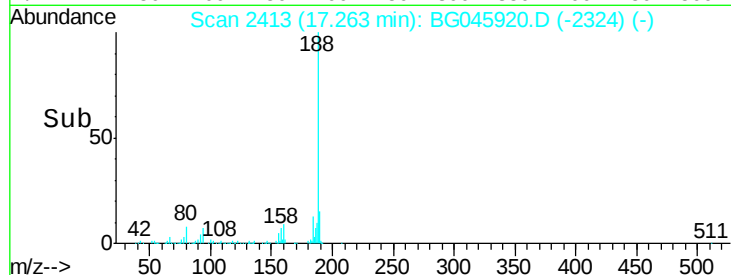
80 8.1 6.1 9.1



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: 5.007 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.45 min

Lab File: BG045920.D

Acq: 2 Jul 2020 18:44

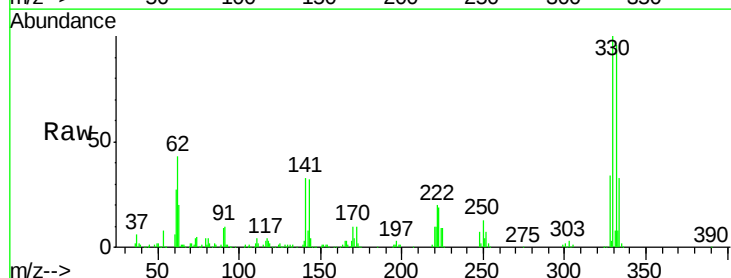
Tgt Ion:248 Resp: 18188

Ion Ratio Lower Upper

248 100

250 191.8 77.2 115.8#

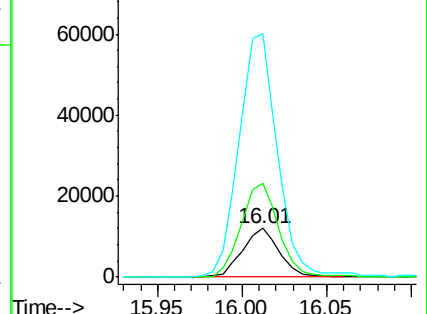
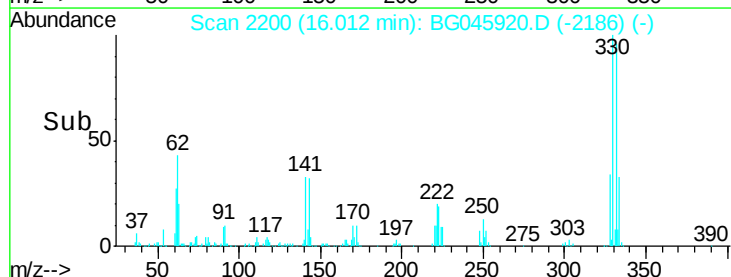
141 496.8 52.6 79.0#

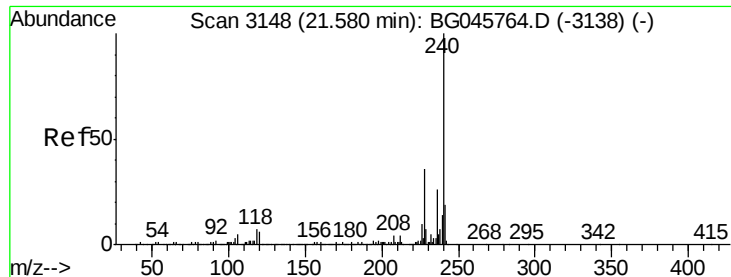


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG045920.D

Acq: 2 Jul 2020 18:44

Instrument :

BNA_G

ClientSampleId :

TP7-SS

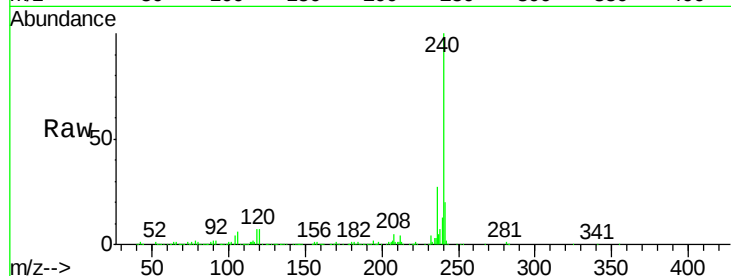
Tot Ion:240 Resp: 311336

Ion Ratio Lower Upper

240 100

120 6.8 5.2 7.8

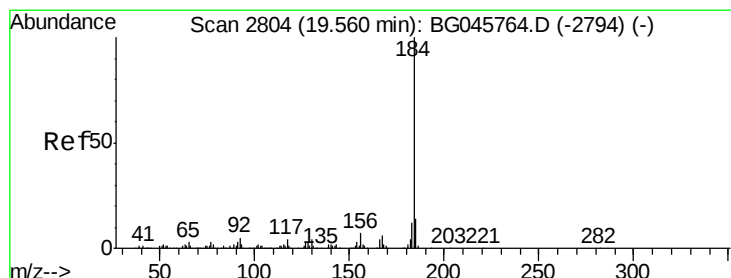
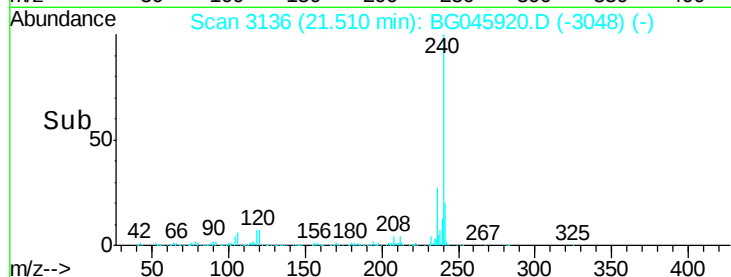
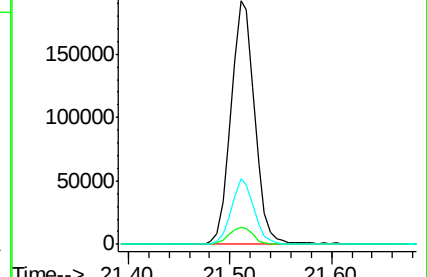
236 26.9 20.8 31.2



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: 3.867 ng

RT: 19.88 min Scan# 2859

Delta R.T. 0.38 min

Lab File: BG045920.D

Acq: 2 Jul 2020 18:44

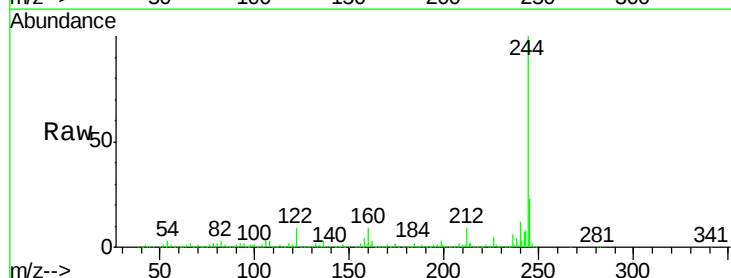
Tgt Ion:184 Resp: 31296

Ion Ratio Lower Upper

184 100

185 14.6 11.1 16.7

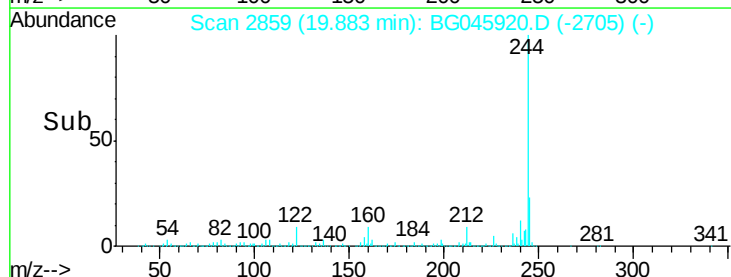
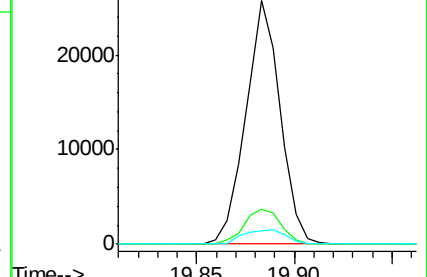
183 5.6 10.6 15.8#

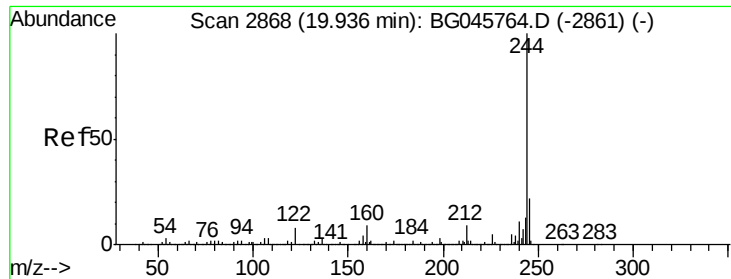


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 107.045 ng

RT: 19.88 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG045920.D

Acq: 2 Jul 2020 18:44

Instrument :

BNA_G

ClientSampleId :

TP7-SS

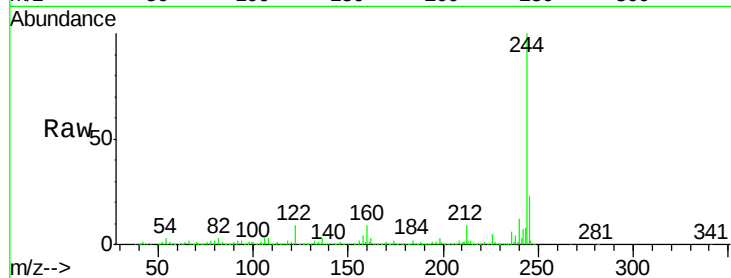
Tot Ion:244 Resp: 1644482

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.6

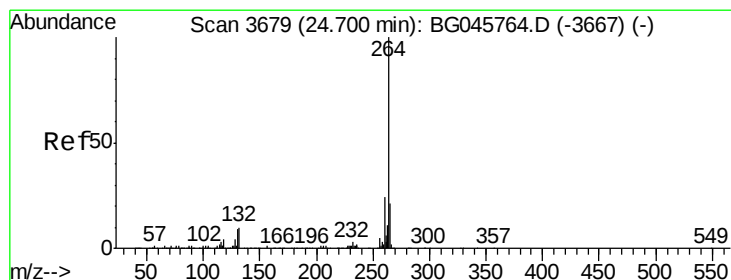
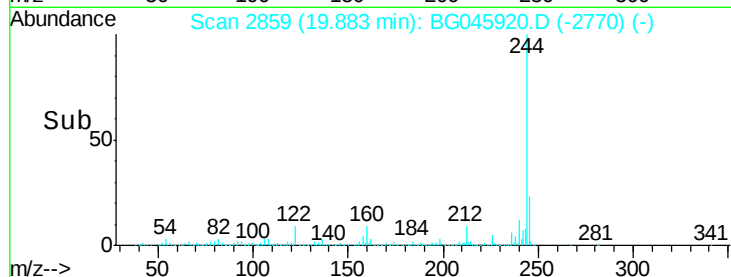
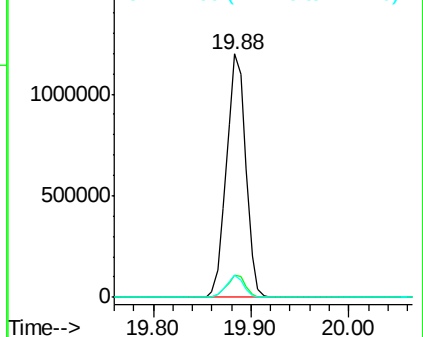
122 8.9 6.6 9.8



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: 24.59 min Scan# 3661

Delta R.T. -0.00 min

Lab File: BG045920.D

Acq: 2 Jul 2020 18:44

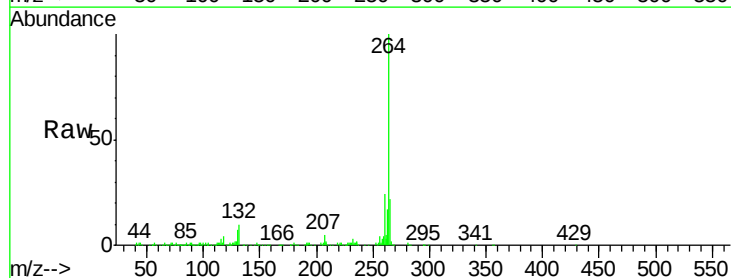
Tgt Ion:264 Resp: 324774

Ion Ratio Lower Upper

264 100

260 24.2 18.5 27.7

265 21.7 16.4 24.6



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

