

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045921.D
 Acq On : 2 Jul 2020 19:24
 Operator : CG/JU
 Sample : L3172-23
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP9-SS

Quant Time: Jul 03 01:08:19 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

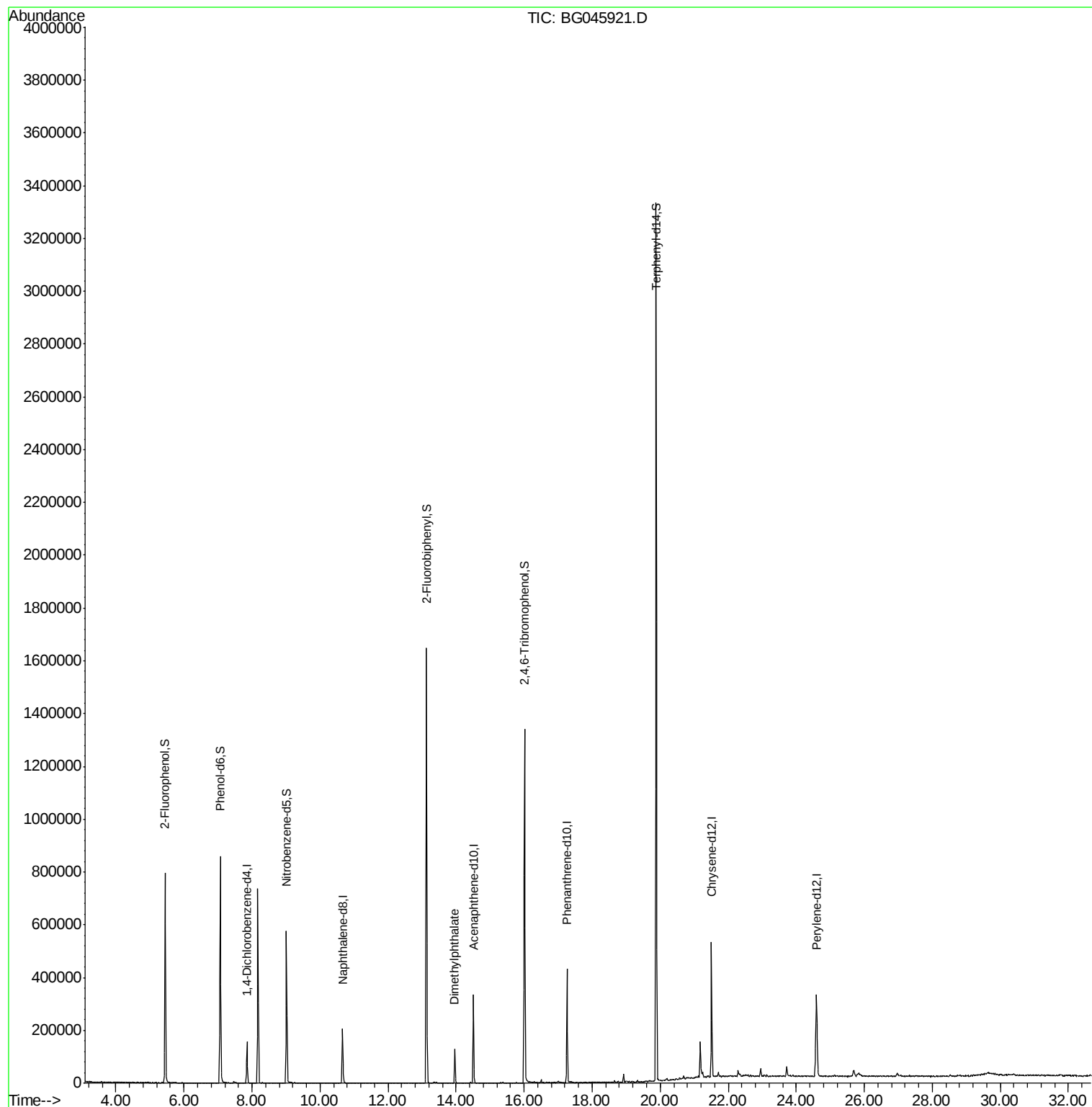
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	45470	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	172346	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	122038	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	278054	20.00	ng	0.00
76) Chrysene-d12	21.51	240	313842	20.00	ng	-0.01
86) Perylene-d12	24.59	264	327141	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	387477	143.95	ng	-0.01
7) Phenol-d6	7.07	99	550105	134.36	ng	0.00
23) Nitrobenzene-d5	9.02	82	391883	103.88	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	273091	148.22	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	879094	105.86	ng	0.00
79) Terphenyl-d14	19.88	244	1589162	102.62	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.97	163	88693	9.277	ng	Qvalue 99

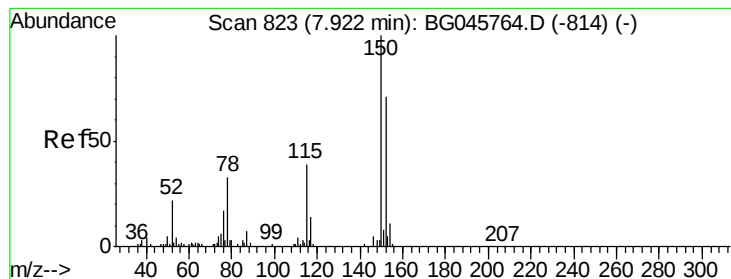
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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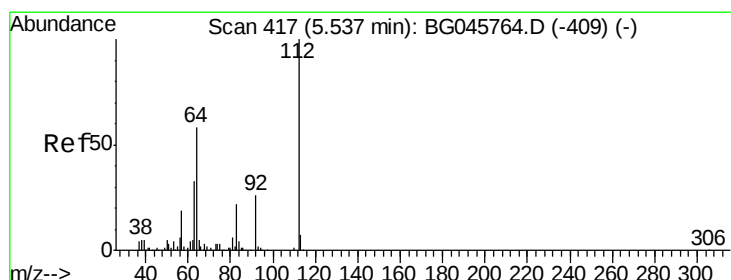
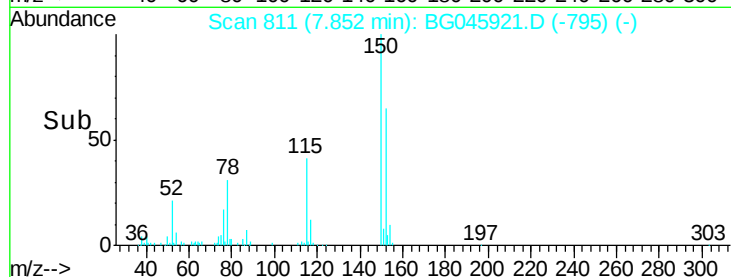
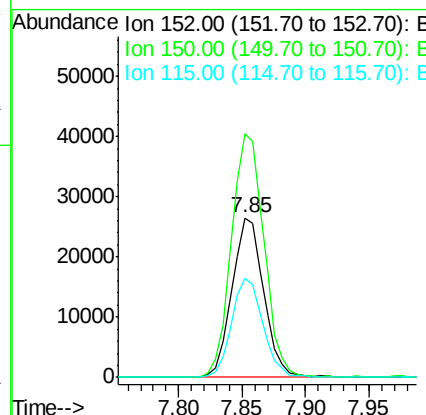
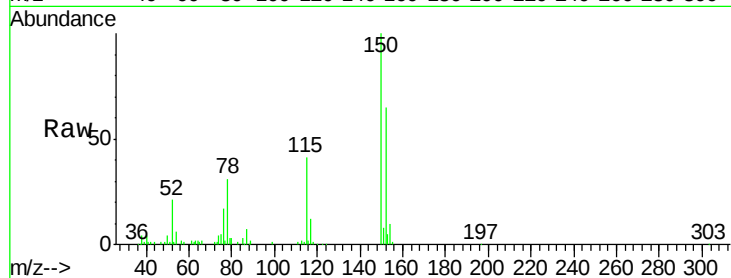


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG045921.D
Acq: 2 Jul 2020 19:24

Instrument :
BNA_G
ClientSampleId :
TP9-SS

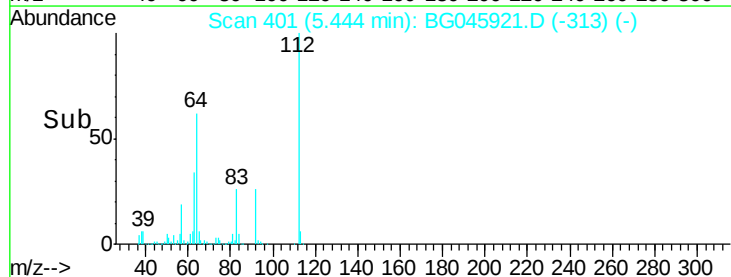
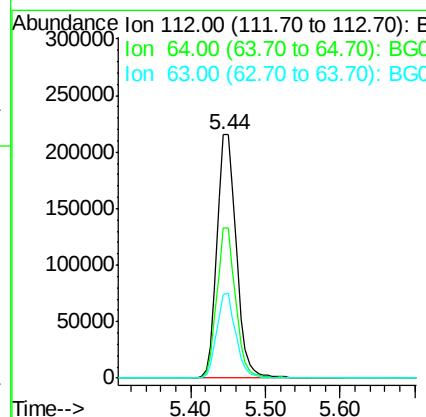
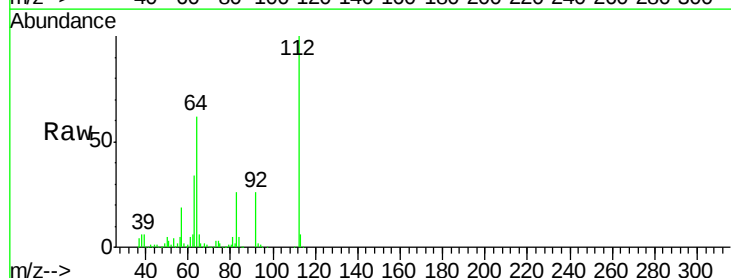
Tot Ion:152 Resp: 45470
Ion Ratio Lower Upper
152 100
150 152.8 124.5 186.7
115 61.9 45.8 68.8

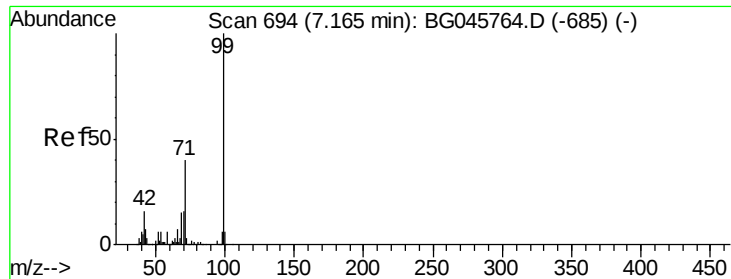


#5

2-Fluorophenol
Concen: 143.950 ng
RT: 5.44 min Scan# 401
Delta R.T. -0.01 min
Lab File: BG045921.D
Acq: 2 Jul 2020 19:24

Tgt Ion:112 Resp: 387477
Ion Ratio Lower Upper
112 100
64 61.5 44.9 67.3
63 34.3 26.9 40.3





#7

Phenol-d6

Concen: 134.356 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG045921.D

Acq: 2 Jul 2020 19:24

Instrument :

BNA_G

ClientSampleId :

TP9-SS

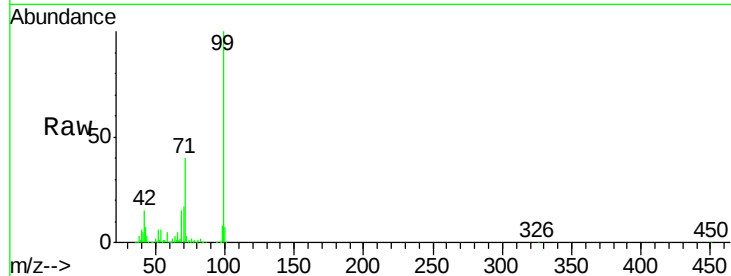
Tot Ion: 99 Resp: 550105

Ion Ratio Lower Upper

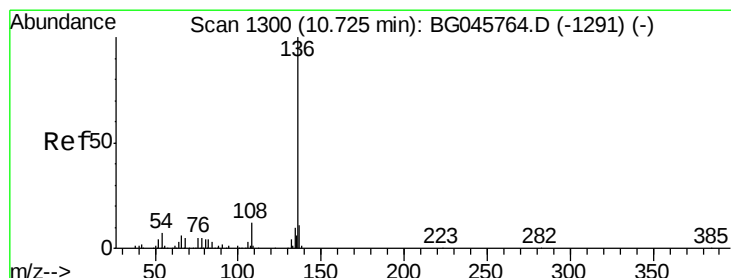
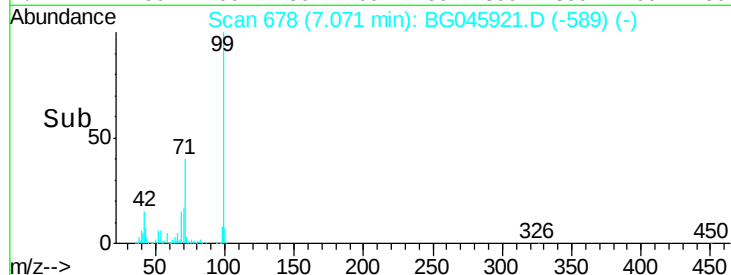
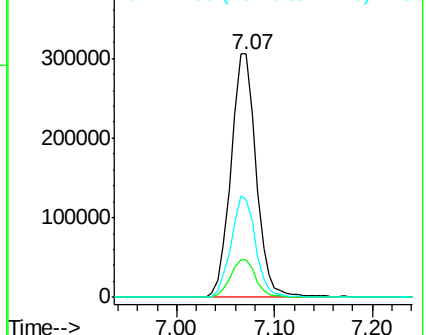
99 100

42 15.2 11.8 17.8

71 40.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.66 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG045921.D

Acq: 2 Jul 2020 19:24

Tgt Ion: 136 Resp: 172346

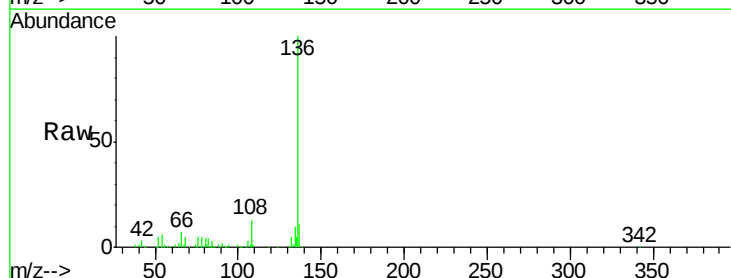
Ion Ratio Lower Upper

136 100

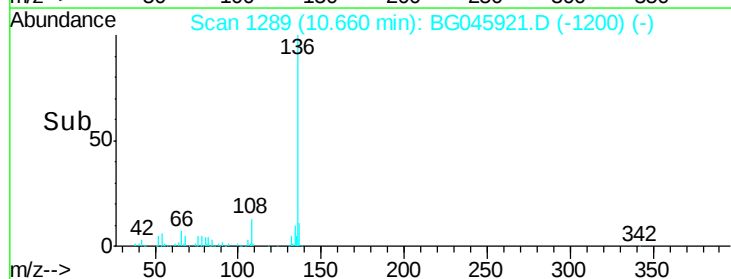
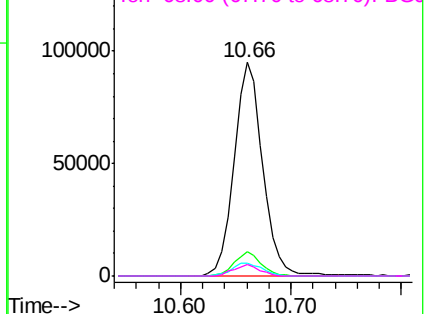
137 11.3 8.2 12.4

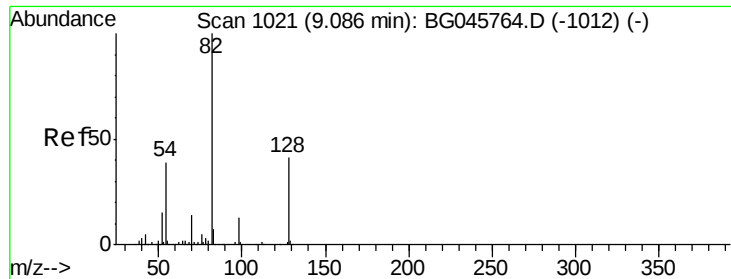
54 6.0 4.6 7.0

68 5.2 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

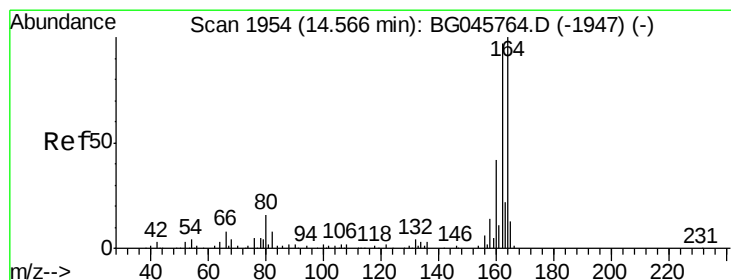
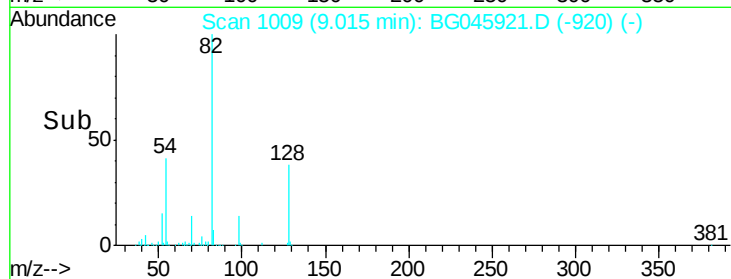
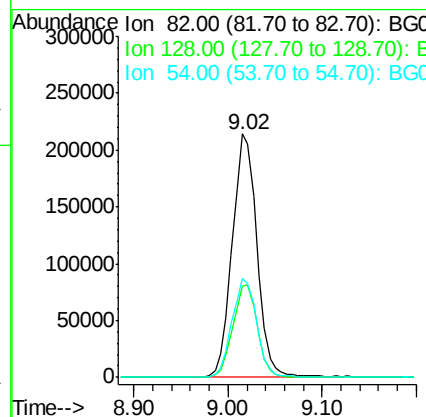
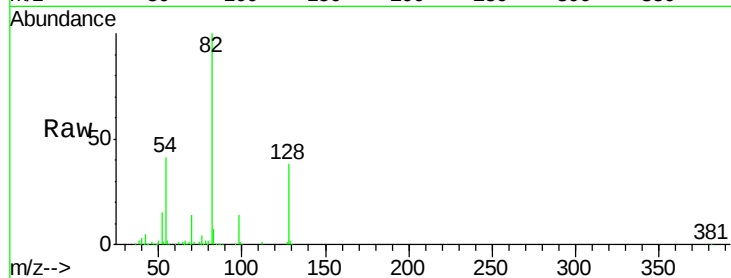




#23
Nitrobenzene-d5
Concen: 103.876 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG045921.D
Acq: 2 Jul 2020 19:24

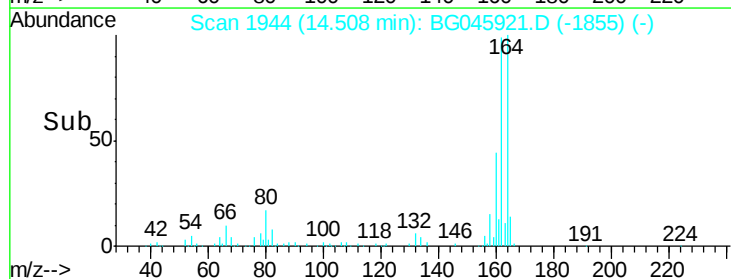
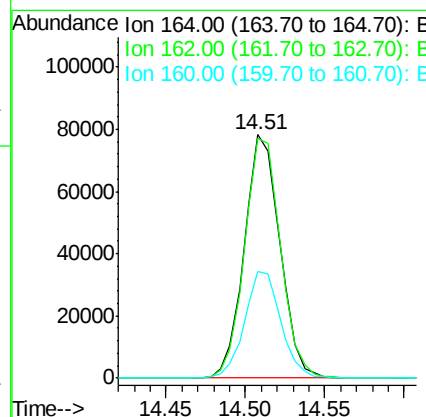
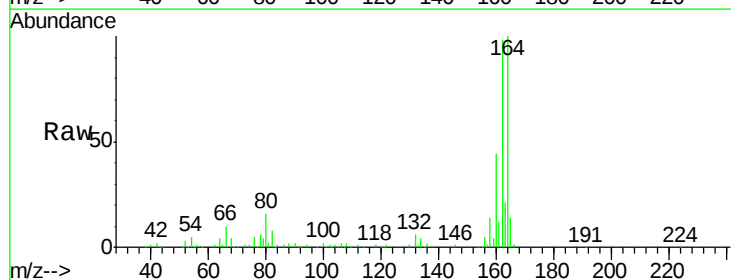
Instrument :
BNA_G
ClientSampleId :
TP9-SS

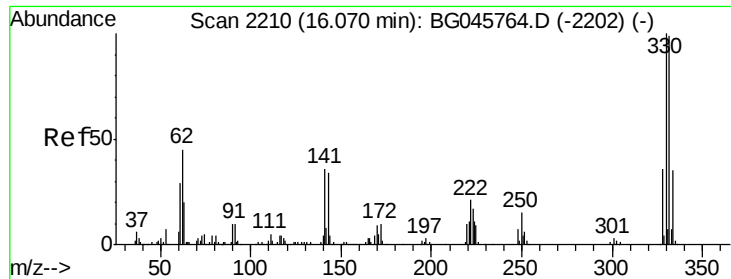
Tot Ion: 82 Resp: 391883
Ion Ratio Lower Upper
82 100
128 37.6 29.9 44.9
54 40.9 33.3 49.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BG045921.D
Acq: 2 Jul 2020 19:24

Tgt Ion: 164 Resp: 122038
Ion Ratio Lower Upper
164 100
162 98.2 78.8 118.2
160 43.6 33.8 50.6

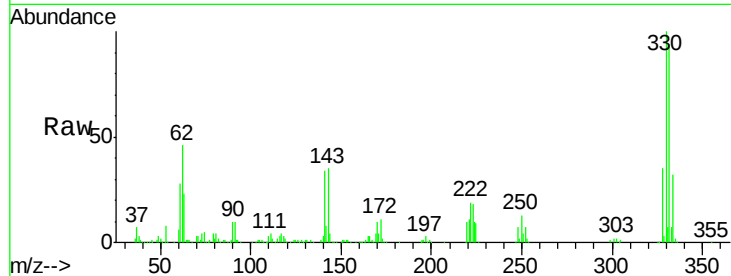




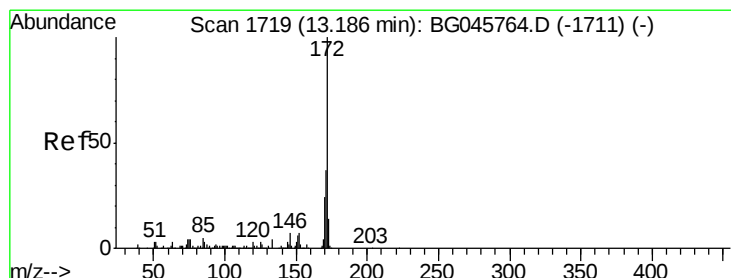
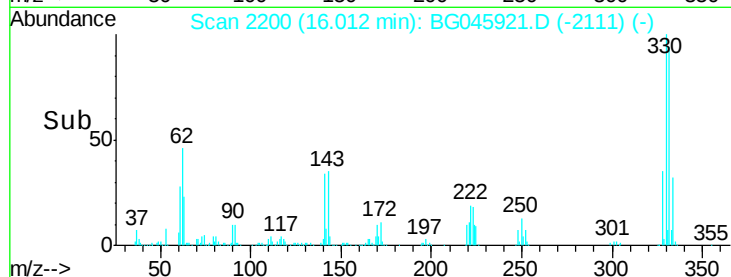
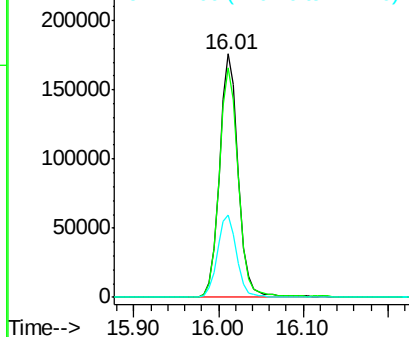
#42
 2,4,6-Tribromophenol
 Concen: 148.221 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG045921.D
 Acq: 2 Jul 2020 19:24

Instrument :
 BNA_G
 ClientSampleId :
 TP9-SS

Tot Ion:330 Resp: 273091
 Ion Ratio Lower Upper
 330 100
 332 95.8 79.4 119.0
 141 34.7 28.2 42.2

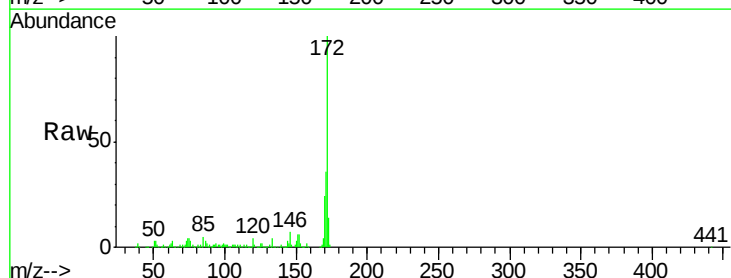


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

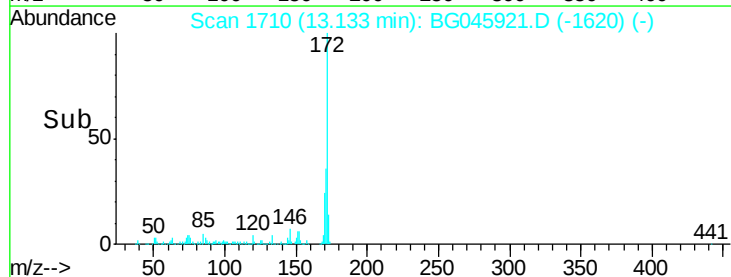
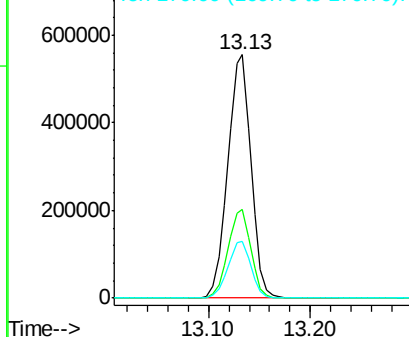


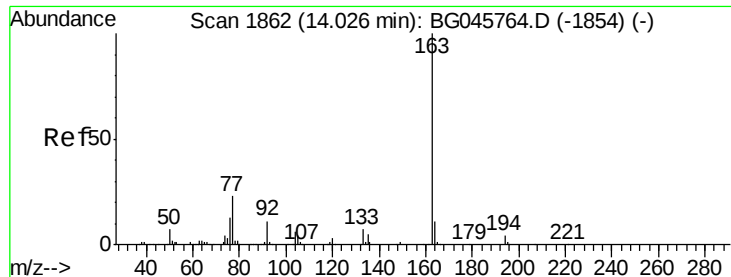
#45
 2-Fluorobiphenyl
 Concen: 105.859 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG045921.D
 Acq: 2 Jul 2020 19:24

Tgt Ion:172 Resp: 879094
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.5 42.7
 170 23.5 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

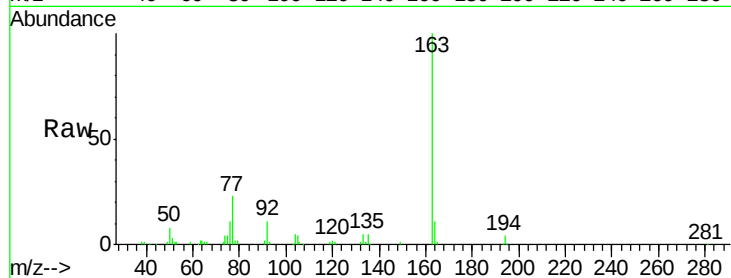




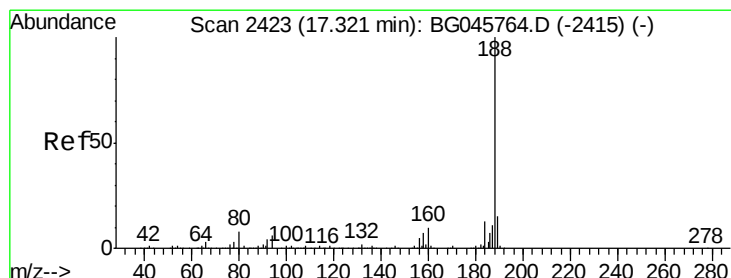
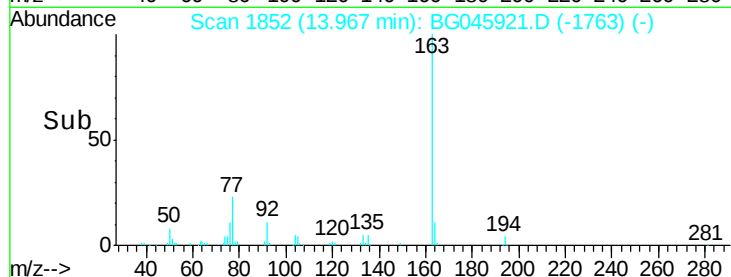
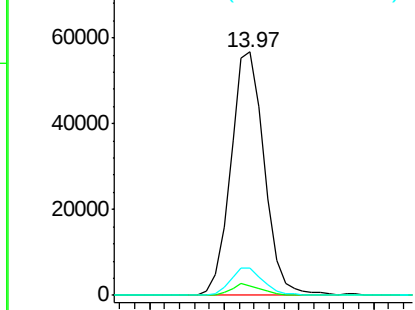
#50
Dimethylphthalate
Concen: 9.277 ng
RT: 13.97 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BG045921.D
Acq: 2 Jul 2020 19:24

Instrument :
BNA_G
ClientSampleId :
TP9-SS

Tot Ion:163 Resp: 88693
Ion Ratio Lower Upper
163 100
194 3.8 3.5 5.3
164 11.2 8.7 13.1

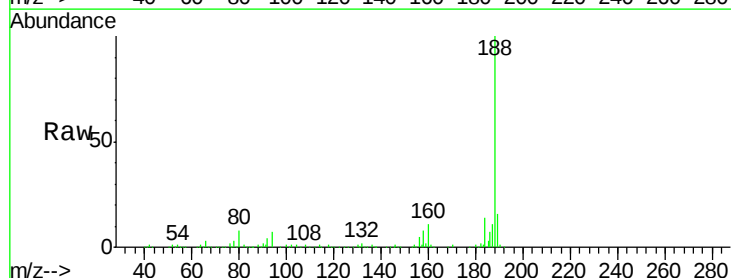


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

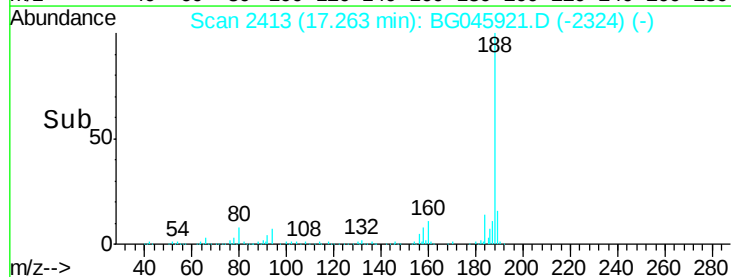
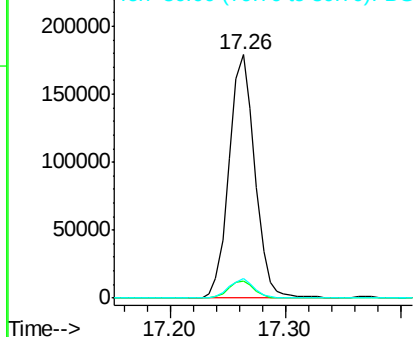


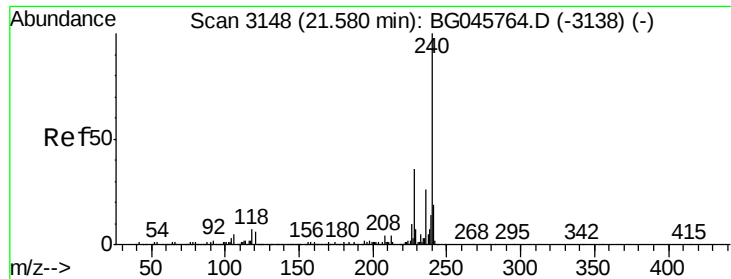
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG045921.D
Acq: 2 Jul 2020 19:24

Tgt Ion:188 Resp: 278054
Ion Ratio Lower Upper
188 100
94 7.0 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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG045921.D

Acq: 2 Jul 2020 19:24

Instrument :

BNA_G

ClientSampleId :

TP9-SS

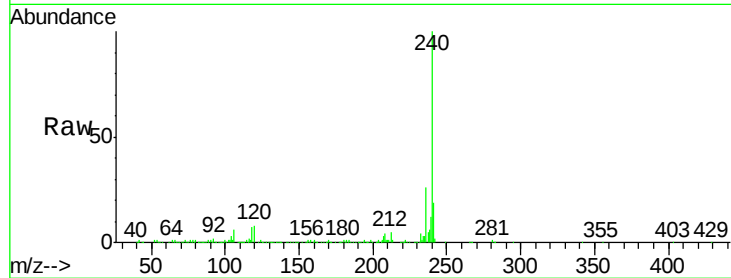
Tot Ion:240 Resp: 313842

Ion Ratio Lower Upper

240 100

120 7.7 5.2 7.8

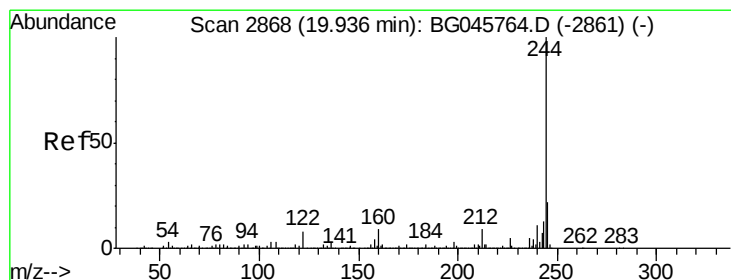
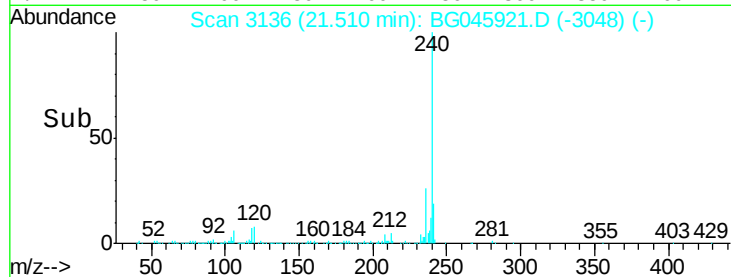
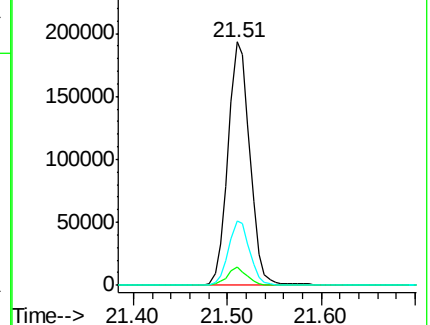
236 26.3 20.8 31.2



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



#79

Terphenyl-d14

Concen: 102.618 ng

RT: 19.88 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG045921.D

Acq: 2 Jul 2020 19:24

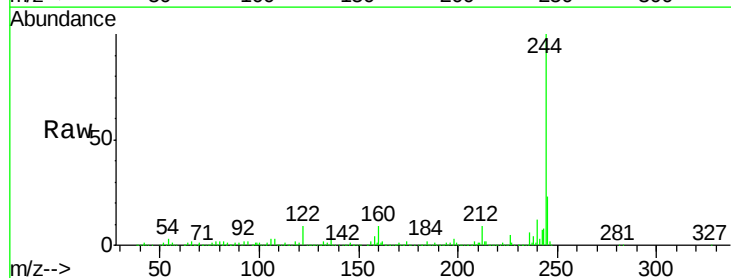
Tgt Ion:244 Resp: 1589162

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

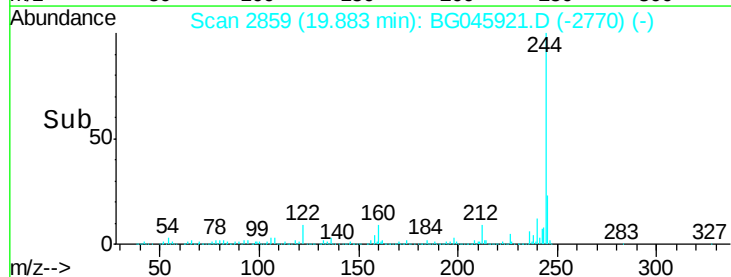
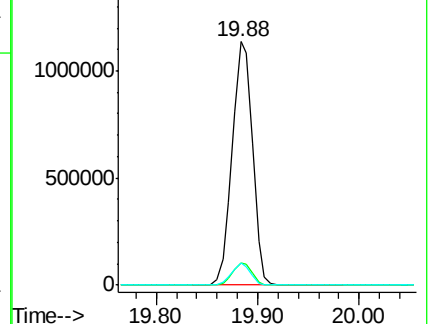
122 9.0 6.6 9.8

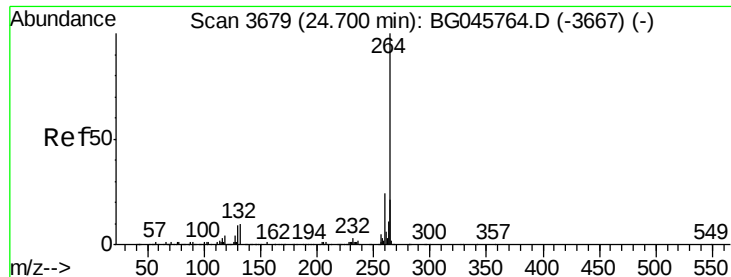


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.59 min Scan# 3661
Delta R.T. -0.00 min
Lab File: BG045921.D
Acq: 2 Jul 2020 19:24

Instrument :
BNA_G
ClientSampleId :
TP9-SS

Tot Ion	Ion	Ratio	Lower	Upper
327141	264	100		
	260	23.4	18.5	27.7
	265	23.0	16.4	24.6

