

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045918.D
 Acq On : 2 Jul 2020 17:23
 Operator : CG/JU
 Sample : L3172-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP4-SS

Quant Time: Jul 03 00:56:44 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

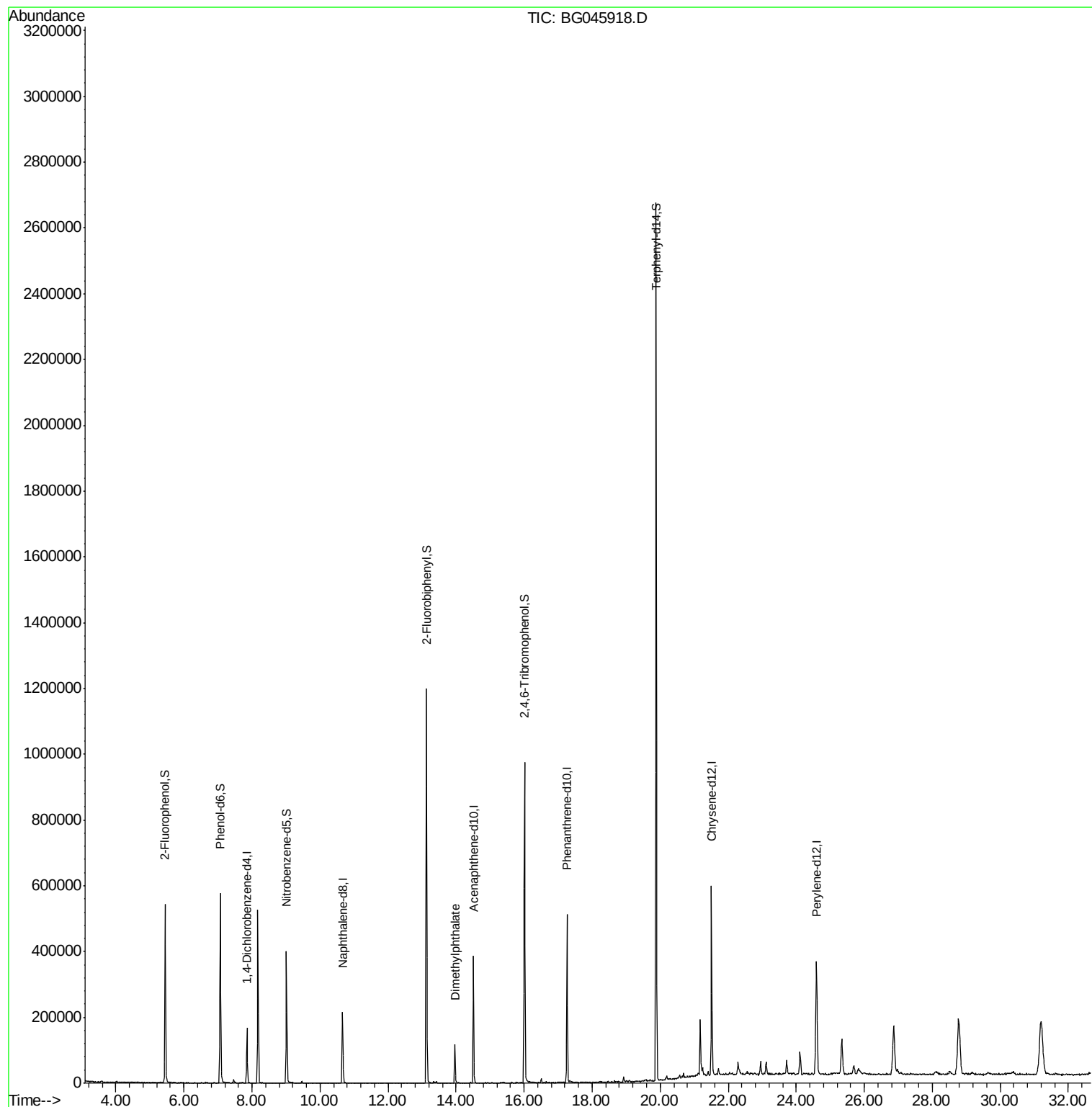
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	48676	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	190461	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	139709	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	330167	20.00	ng	0.00
76) Chrysene-d12	21.51	240	348061	20.00	ng	-0.01
86) Perylene-d12	24.59	264	359241	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	267499	92.83	ng	0.00
7) Phenol-d6	7.07	99	383655	87.53	ng	0.00
23) Nitrobenzene-d5	9.02	82	275584	66.10	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	201590	95.57	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	649316	68.30	ng	0.00
79) Terphenyl-d14	19.88	244	1233891	71.84	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.97	163	83363	7.617	ng	Qvalue 98

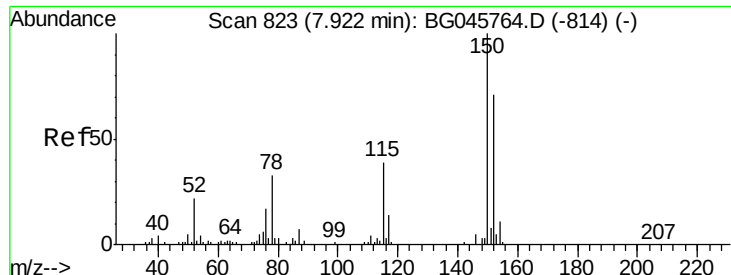
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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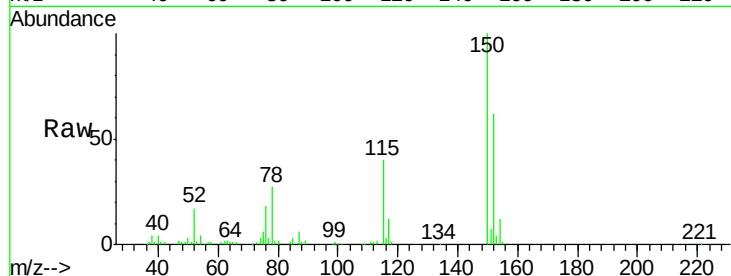


#1

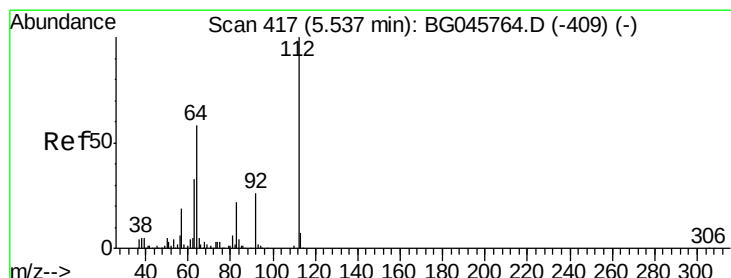
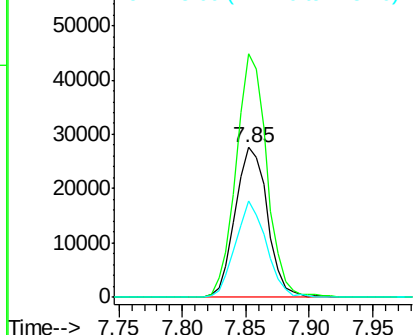
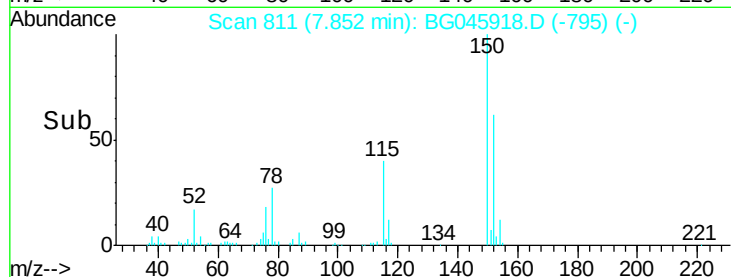
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG045918.D
Acq: 2 Jul 2020 17:23

Instrument :
BNA_G
ClientSampleId :
TP4-SS

Tot Ion	152	Resp	48676
Ion Ratio	Lower	Upper	
152	100		
150	162.3	124.5	186.7
115	64.2	45.8	68.8



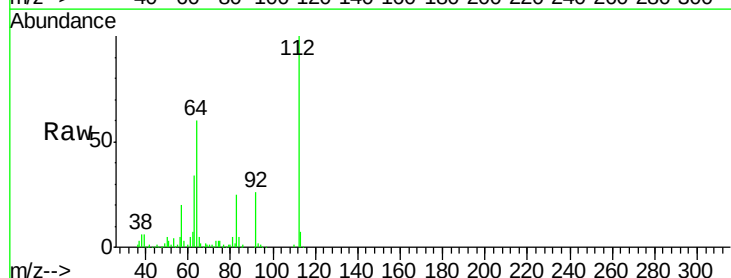
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



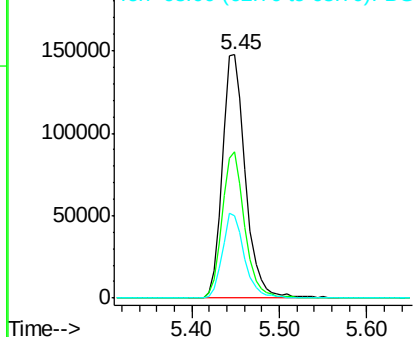
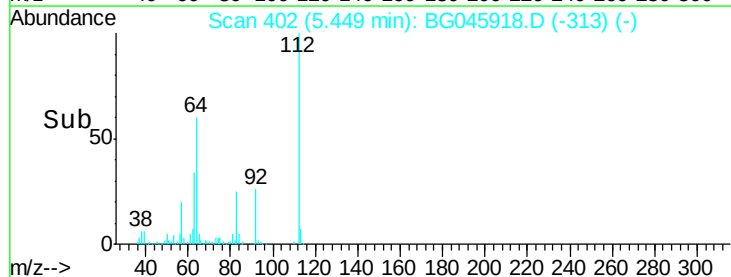
#5

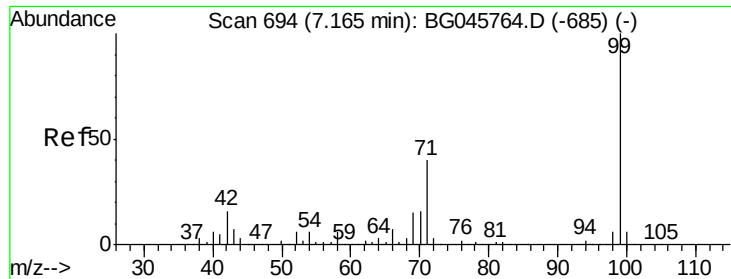
2-Fluorophenol
Concen: 92.832 ng
RT: 5.45 min Scan# 402
Delta R.T. -0.01 min
Lab File: BG045918.D
Acq: 2 Jul 2020 17:23

Tgt Ion	112	Resp	267499
Ion Ratio	Lower	Upper	
112	100		
64	60.3	44.9	67.3
63	34.1	26.9	40.3



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: 87.531 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG045918.D

Acq: 2 Jul 2020 17:23

Instrument :

BNA_G

ClientSampleId :

TP4-SS

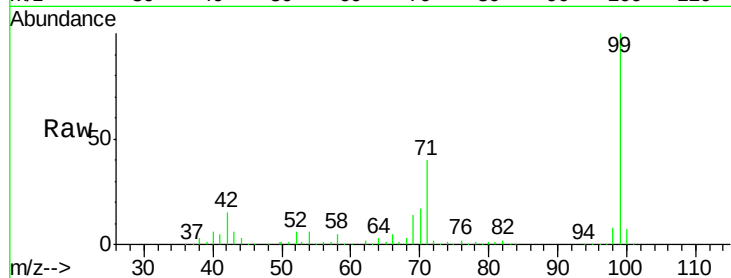
Tot Ion: 99 Resp: 383655

Ion Ratio Lower Upper

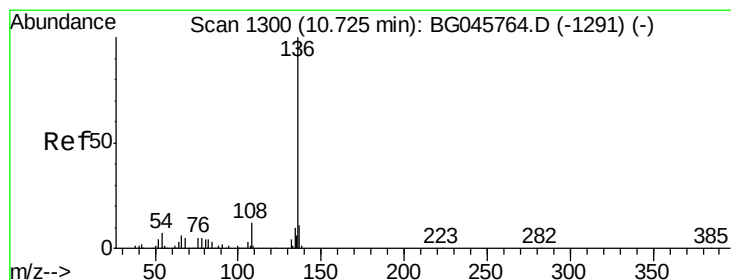
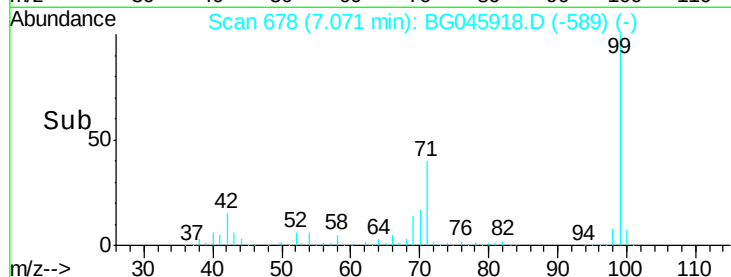
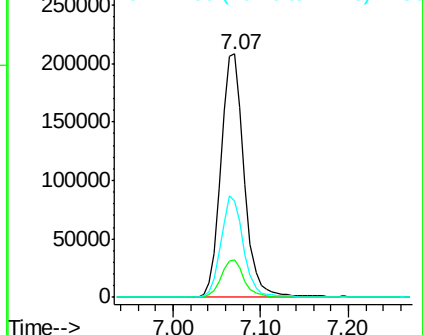
99 100

42 15.5 11.8 17.8

71 39.6 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. -0.01 min

Lab File: BG045918.D

Acq: 2 Jul 2020 17:23

Tgt Ion: 136 Resp: 190461

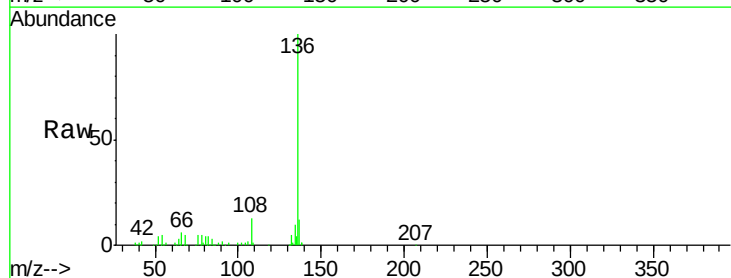
Ion Ratio Lower Upper

136 100

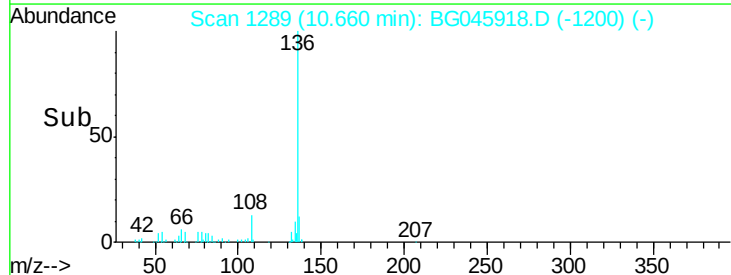
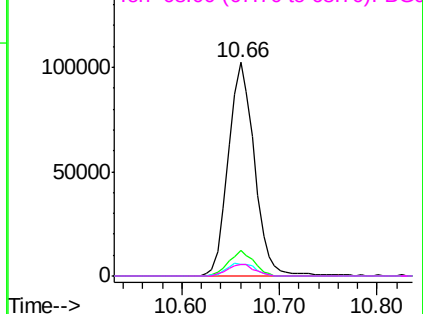
137 11.8 8.2 12.4

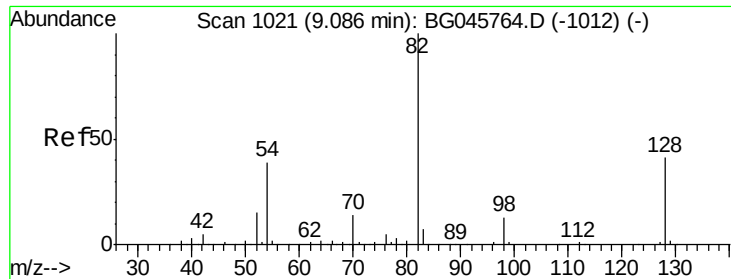
54 5.3 4.6 7.0

68 5.5 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

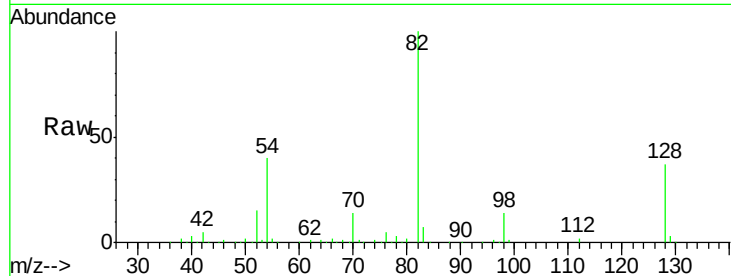




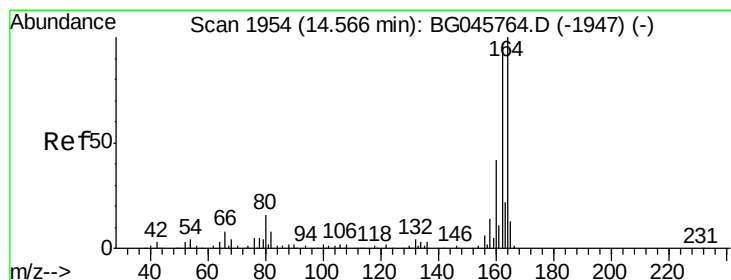
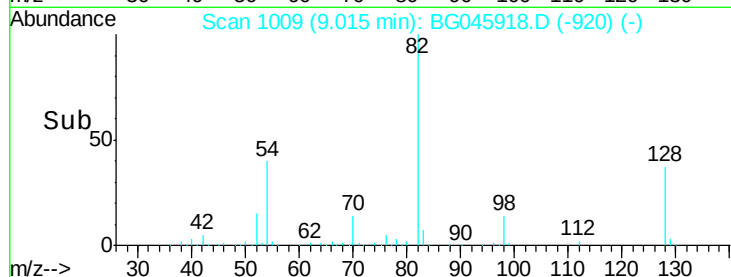
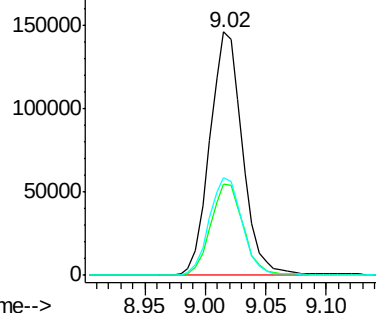
#23
Nitrobenzene-d5
Concen: 66.101 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG045918.D
Acq: 2 Jul 2020 17:23

Instrument :
BNA_G
ClientSampleId :
TP4-SS

Tot Ion: 82 Resp: 275584
Ion Ratio Lower Upper
82 100
128 37.4 29.9 44.9
54 40.0 33.3 49.9

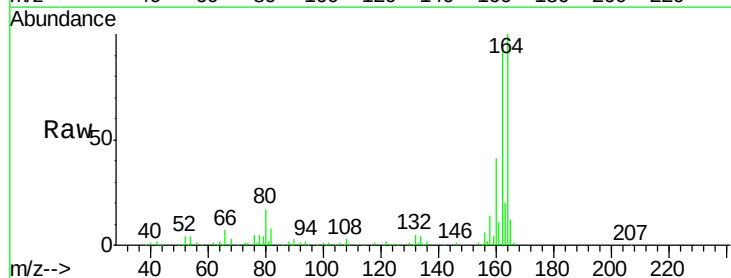


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

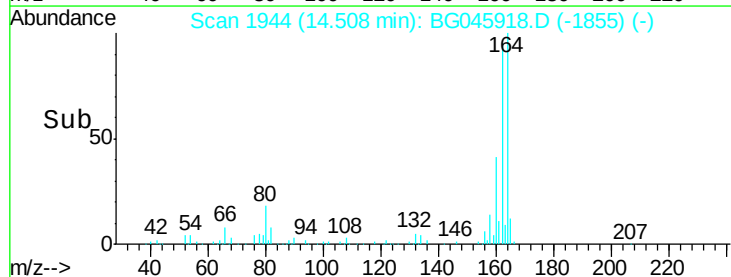
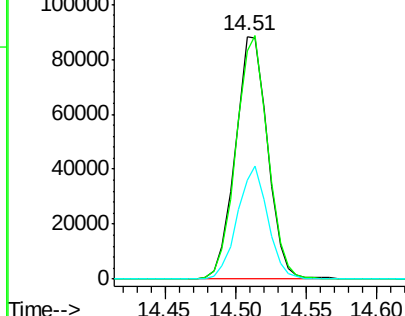


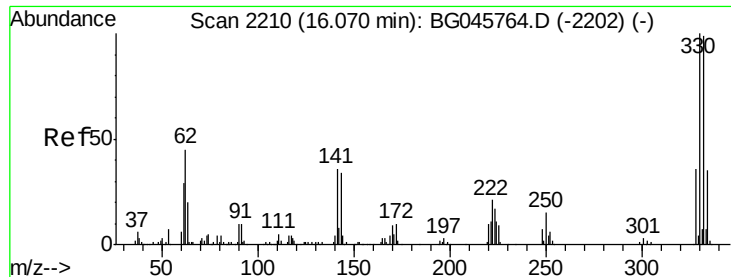
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG045918.D
Acq: 2 Jul 2020 17:23

Tgt Ion:164 Resp: 139709
Ion Ratio Lower Upper
164 100
162 94.2 78.8 118.2
160 40.6 33.8 50.6



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

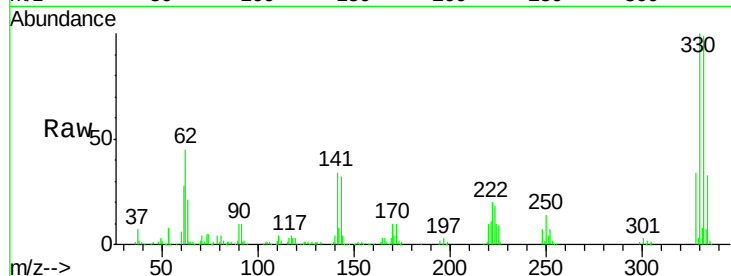




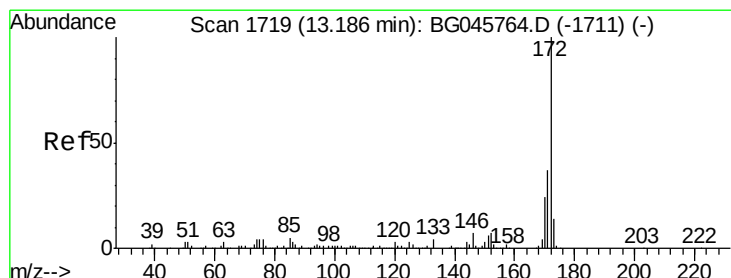
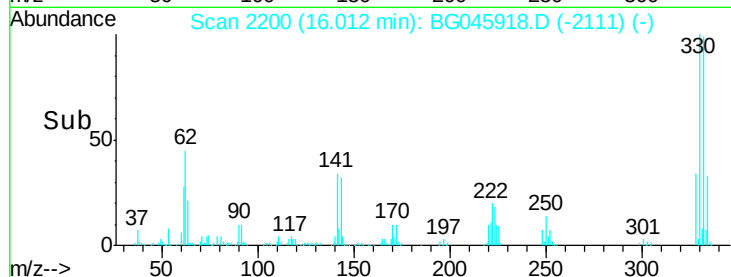
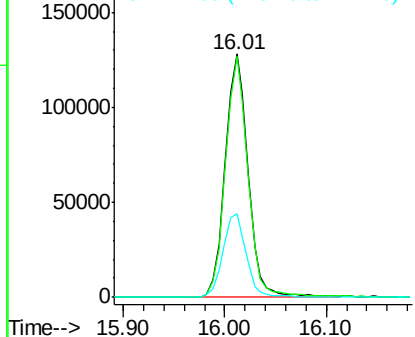
#42
 2,4,6-Tribromophenol
 Concen: 95.575 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG045918.D
 Acq: 2 Jul 2020 17:23

Instrument :
 BNA_G
 ClientSampleId :
 TP4-SS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.4	119.0
141	34.9	28.2	42.2

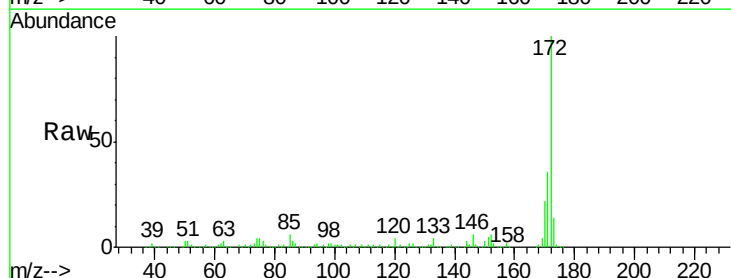


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

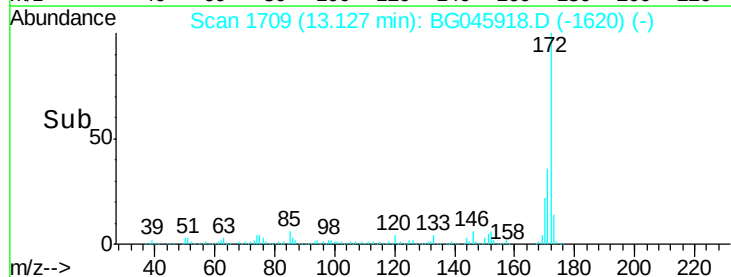
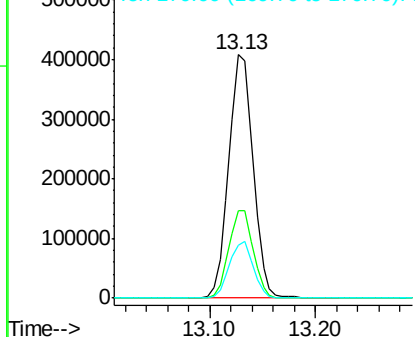


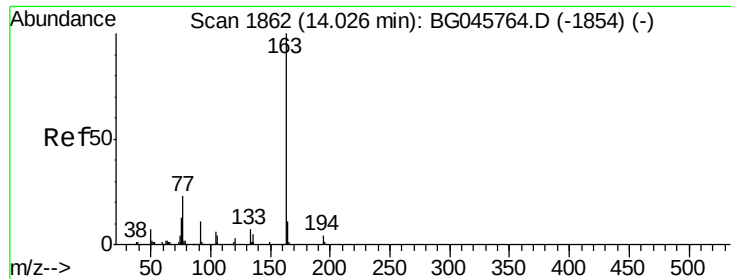
#45
 2-Fluorobiphenyl
 Concen: 68.300 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045918.D
 Acq: 2 Jul 2020 17:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	21.8	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

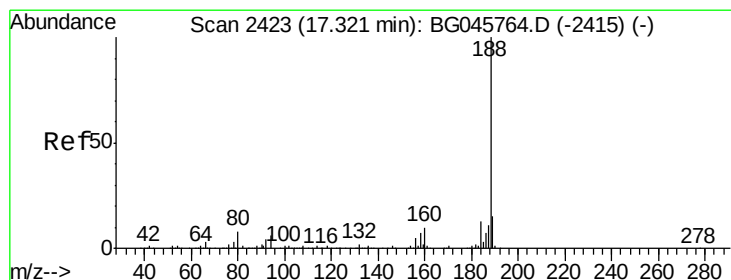
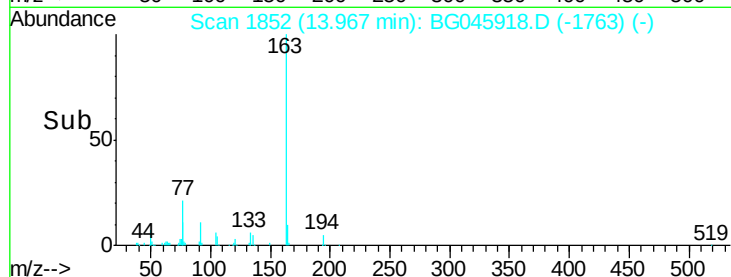
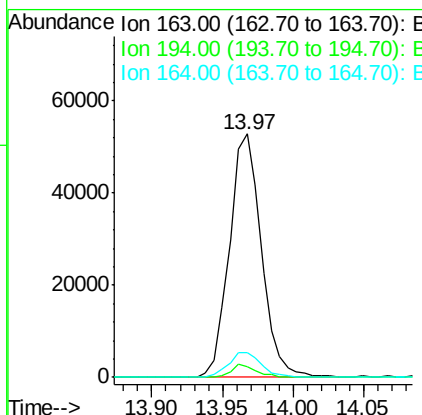
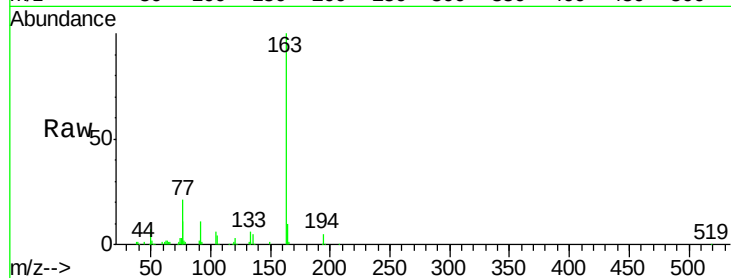




#50
Dimethylphthalate
Concen: 7.617 ng
RT: 13.97 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BG045918.D
Acq: 2 Jul 2020 17:23

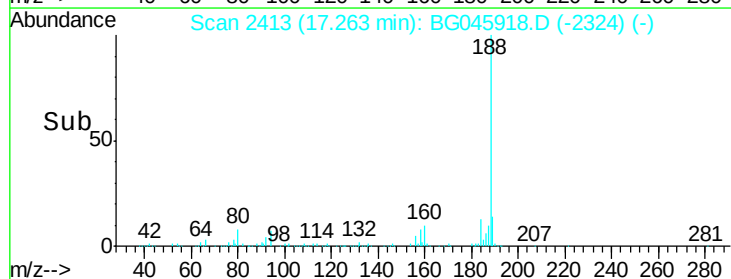
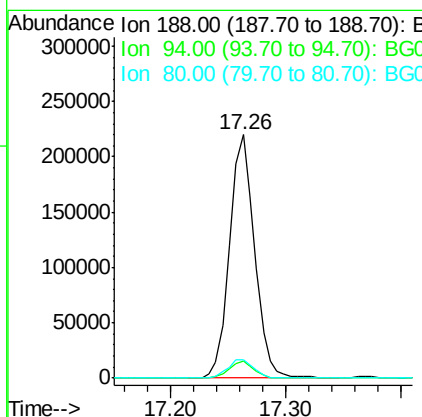
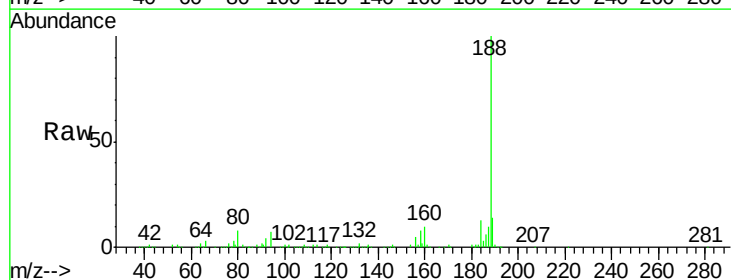
Instrument :
BNA_G
ClientSampleId :
TP4-SS

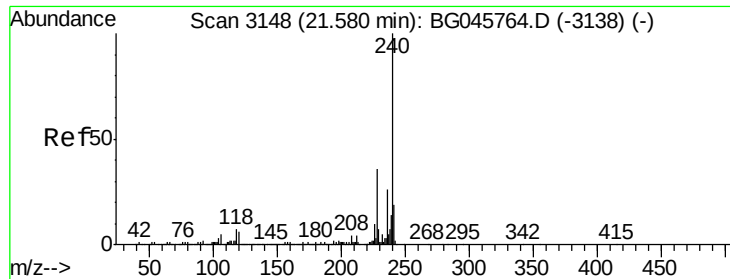
Tot Ion:163 Resp: 83363
Ion Ratio Lower Upper
163 100
194 4.6 3.5 5.3
164 10.0 8.7 13.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG045918.D
Acq: 2 Jul 2020 17:23

Tgt Ion:188 Resp: 330167
Ion Ratio Lower Upper
188 100
94 6.9 5.5 8.3
80 7.7 6.1 9.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG045918.D

Acq: 2 Jul 2020 17:23

Instrument :

BNA_G

ClientSampleId :

TP4-SS

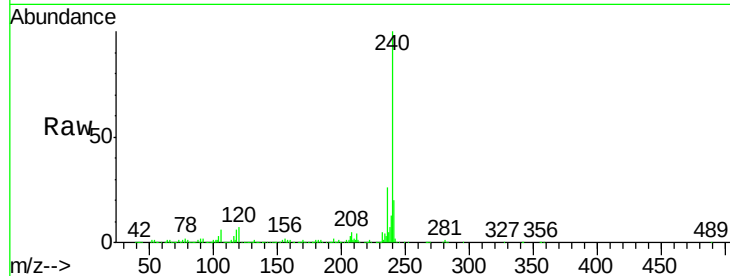
Tot Ion:240 Resp: 348061

Ion Ratio Lower Upper

240 100

120 7.3 5.2 7.8

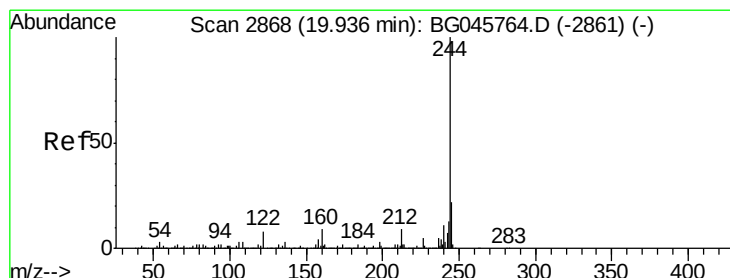
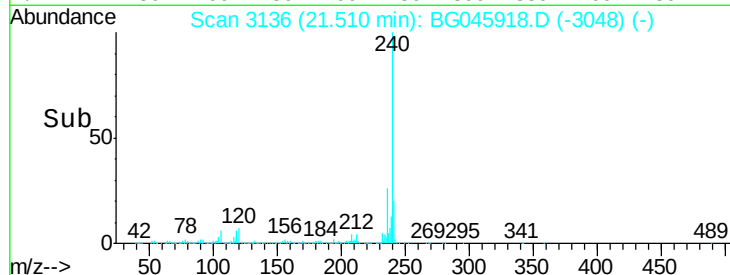
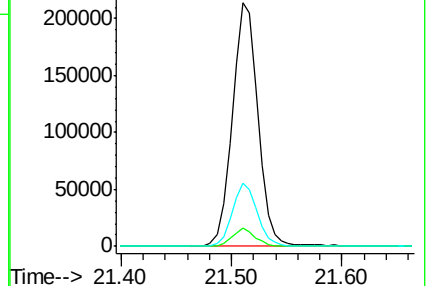
236 25.8 20.8 31.2



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: 71.844 ng

RT: 19.88 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG045918.D

Acq: 2 Jul 2020 17:23

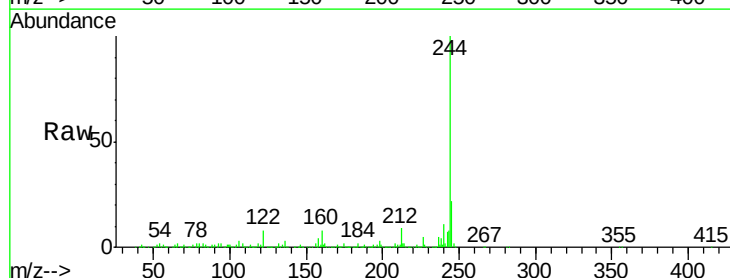
Tgt Ion:244 Resp: 1233891

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

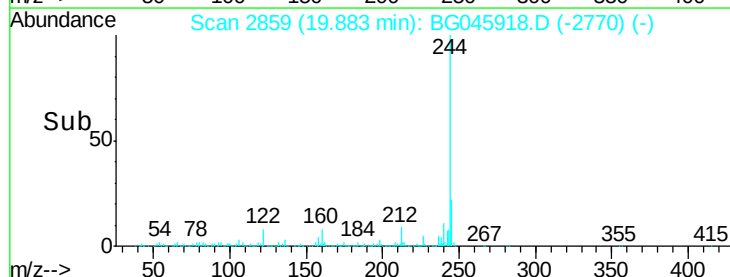
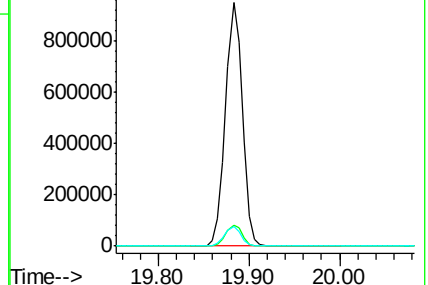
122 8.1 6.6 9.8

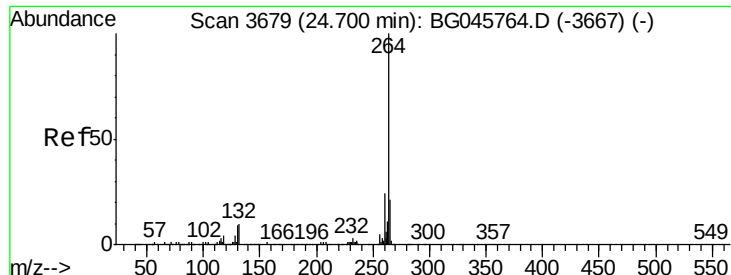


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.01 min
Lab File: BG045918.D
Acq: 2 Jul 2020 17:23

Instrument :
BNA_G
ClientSampleId :
TP4-SS

Tot Ion:264 Resp: 359241

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.5	27.7
265	20.8	16.4	24.6

