

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072319\
 Data File : BG041761.D
 Acq On : 23 Jul 2019 18:28
 Operator : HP/JU
 Sample : K3934-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Jul 24 03:49:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

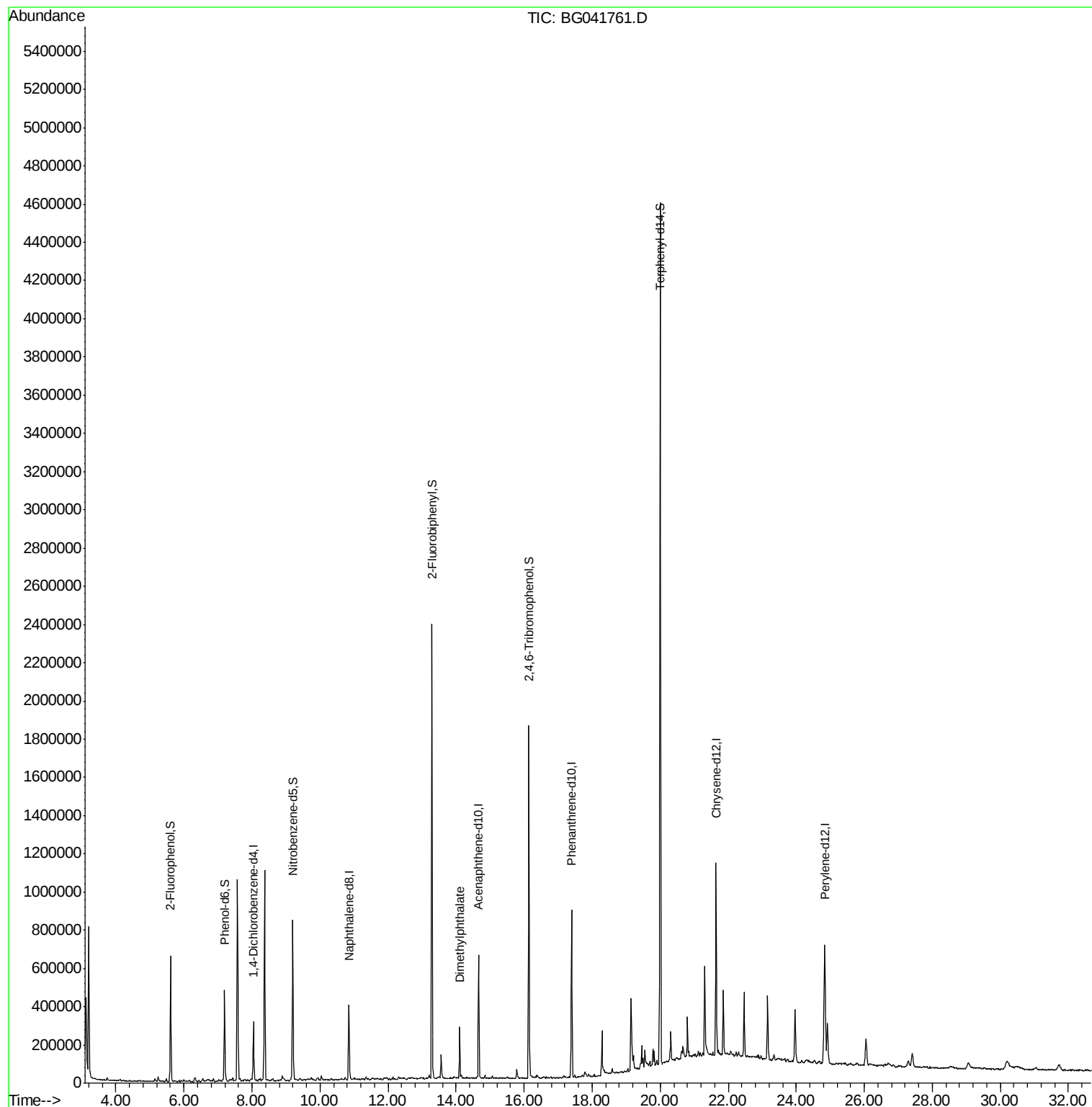
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	91612	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	349969	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	243695	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	552082	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	606457	20.00	ng	-0.02
87) Perylene-d12	24.83	264	724497	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	293236	52.33	ng	0.00
7) Phenol-d6	7.20	99	257048	34.10	ng	0.00
23) Nitrobenzene-d5	9.20	82	500902	87.04	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	375616	136.77	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1273184	80.90	ng	-0.01
79) Terphenyl-d14	20.00	244	2154315	83.01	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.10	163	184863	9.659	ng	Qvalue 98

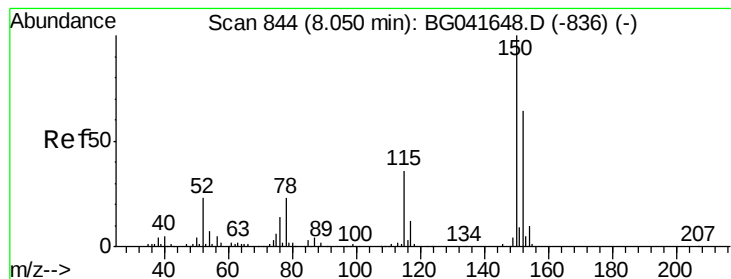
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG041761.D

Acq: 23 Jul 2019 18:28

Instrument :

BNA_G

ClientSampleId :

TP-1

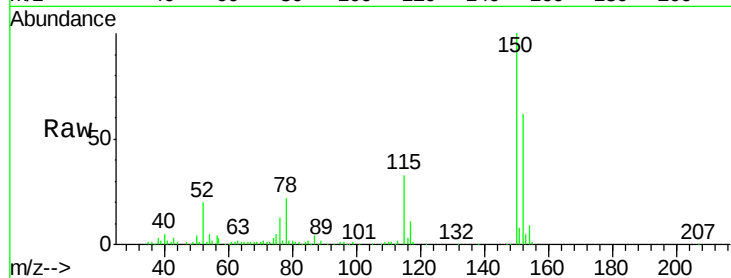
Tot Ion:152 Resp: 91612

Ion Ratio Lower Upper

152 100

150 161.9 126.9 190.3

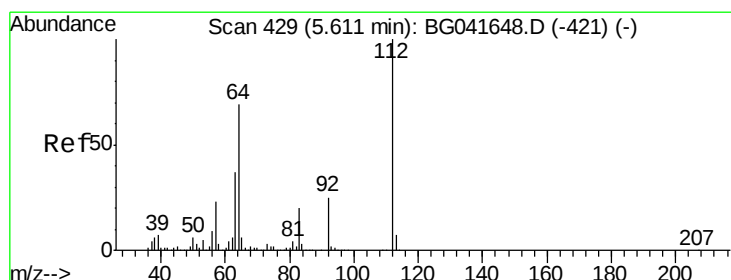
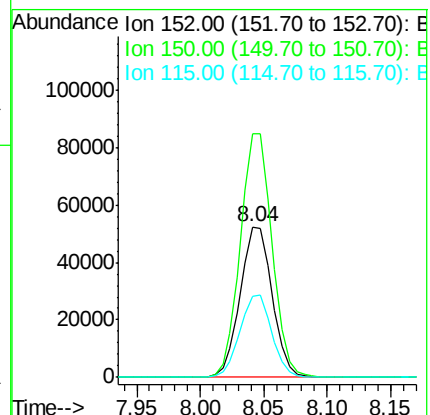
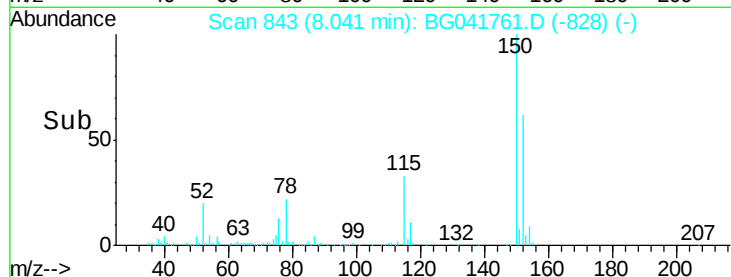
115 53.7 45.0 67.6



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



#5

2-Fluorophenol

Concen: 52.326 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.00 min

Lab File: BG041761.D

Acq: 23 Jul 2019 18:28

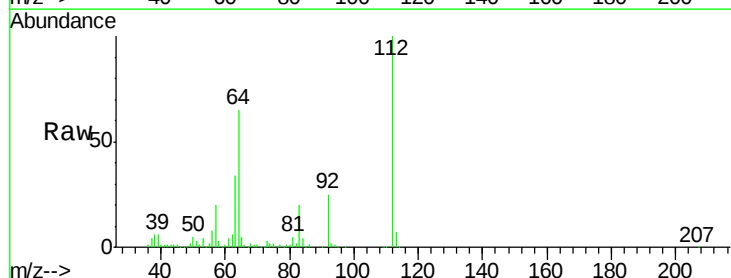
Tgt Ion:112 Resp: 293236

Ion Ratio Lower Upper

112 100

64 65.3 55.4 83.2

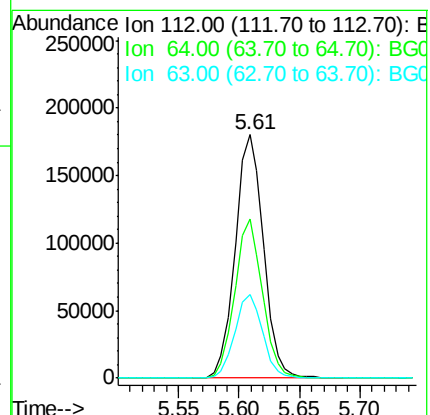
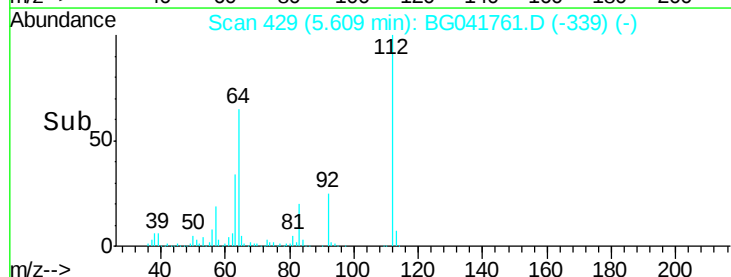
63 34.2 29.1 43.7

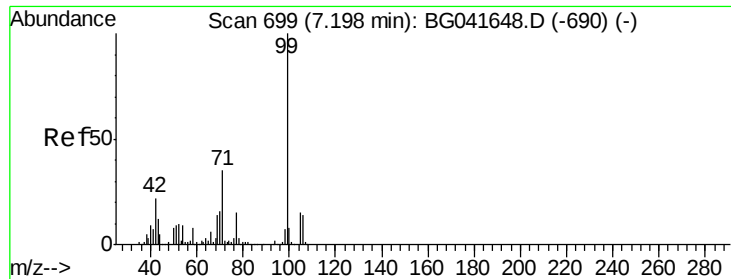


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 34.102 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041761.D

Acq: 23 Jul 2019 18:28

Instrument :

BNA_G

ClientSampleId :

TP-1

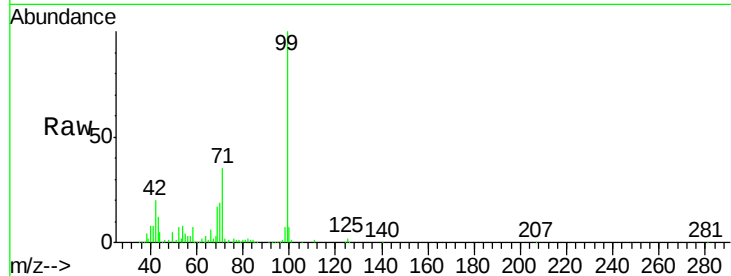
Tot Ion: 99 Resp: 257048

Ion Ratio Lower Upper

99 100

42 20.3 17.6 26.4

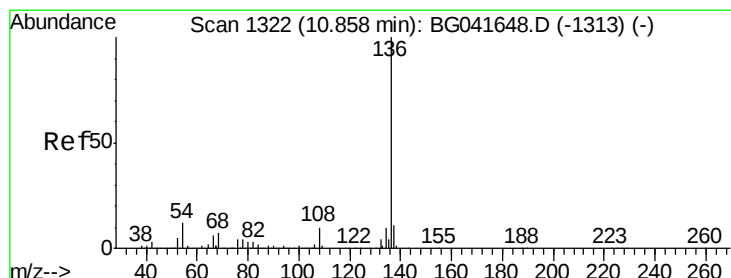
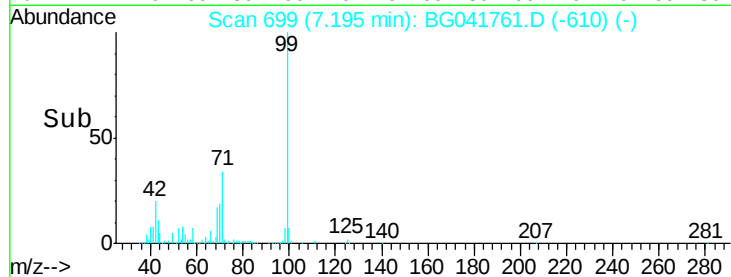
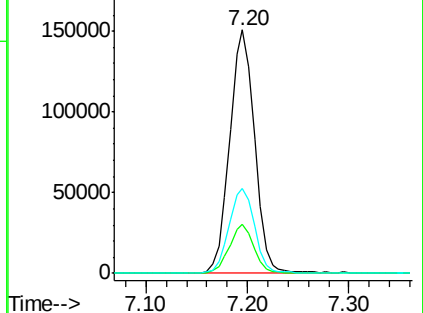
71 34.8 27.8 41.6



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: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG041761.D

Acq: 23 Jul 2019 18:28

Tgt Ion: 136 Resp: 349969

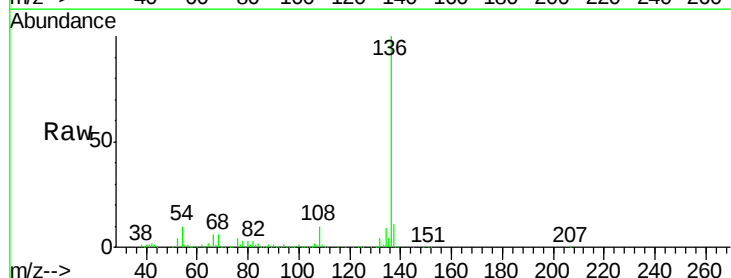
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 9.6 8.7 13.1

68 5.5 5.5 8.3#

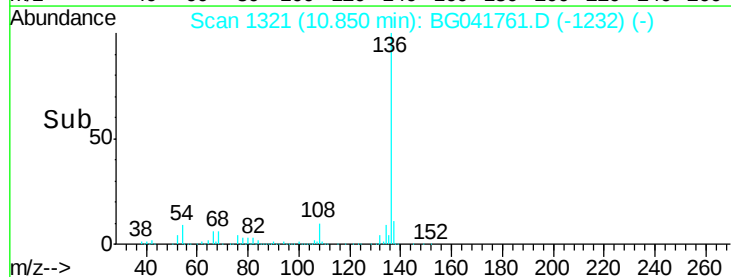
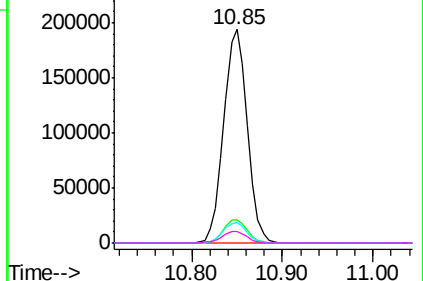


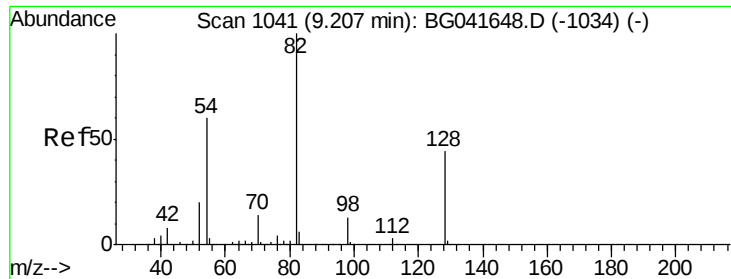
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

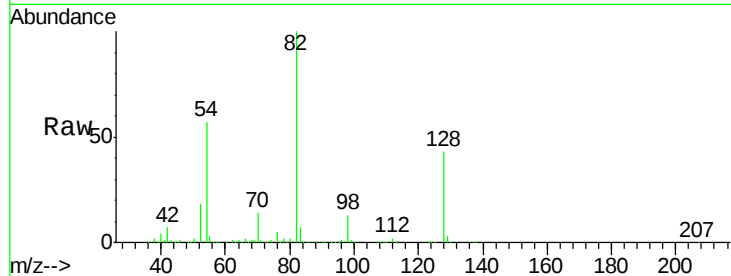




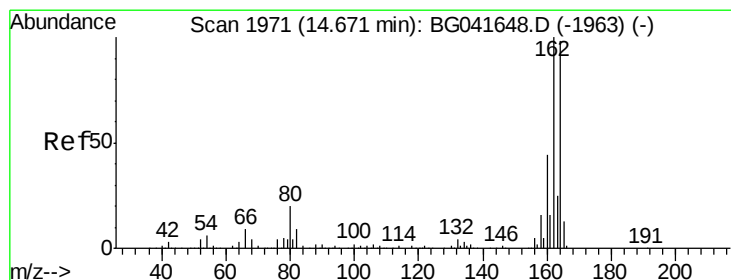
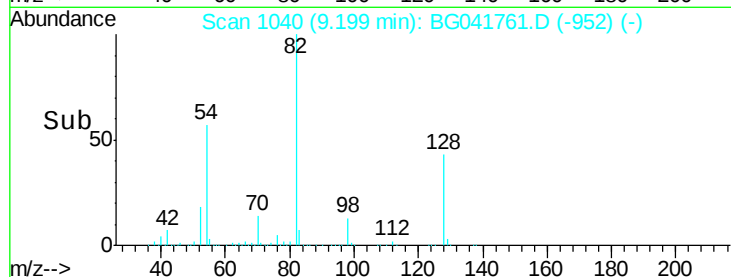
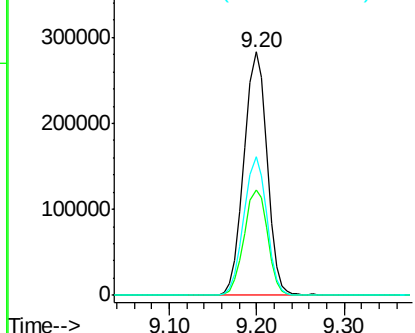
#23
Nitrobenzene-d5
Concen: 87.043 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041761.D
Acq: 23 Jul 2019 18:28

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion: 82 Resp: 500902
Ion Ratio Lower Upper
82 100
128 43.3 35.1 52.7
54 56.7 48.7 73.1

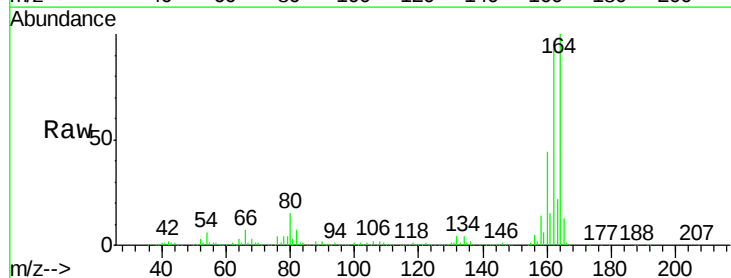


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

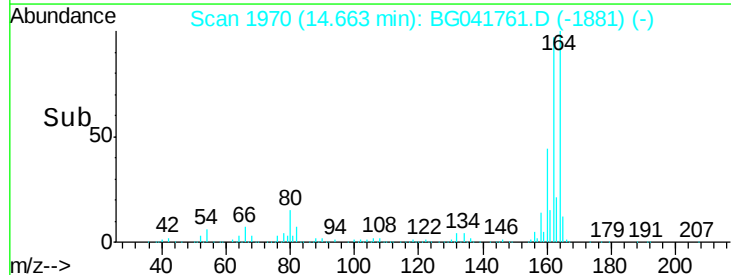
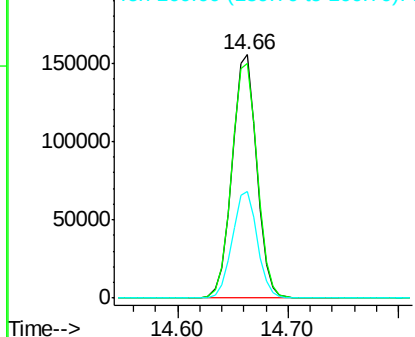


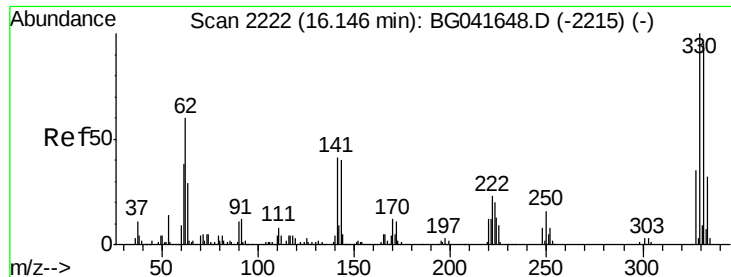
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041761.D
Acq: 23 Jul 2019 18:28

Tgt Ion: 164 Resp: 243695
Ion Ratio Lower Upper
164 100
162 96.5 79.6 119.4
160 44.0 35.4 53.0



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

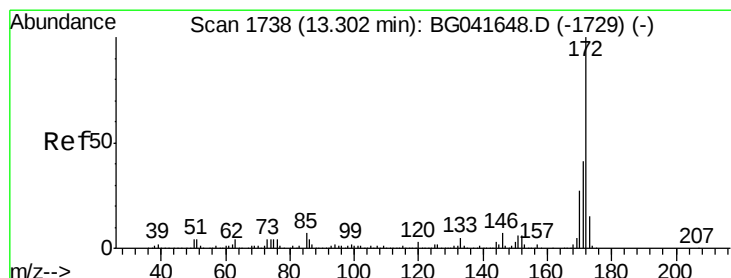
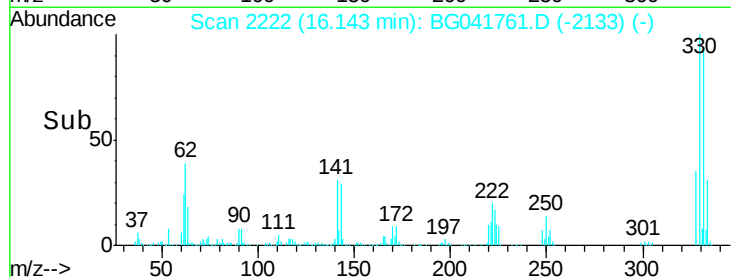
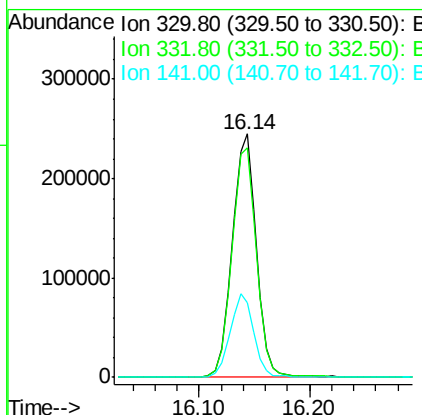
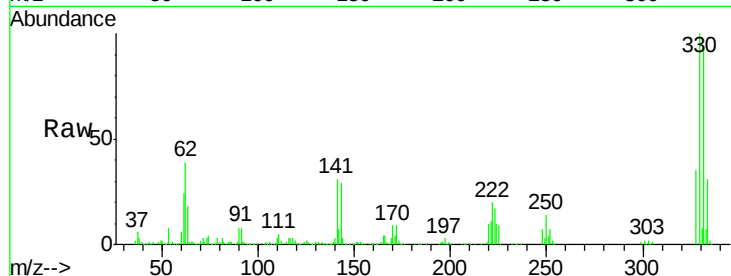




#42
 2,4,6-Tribromophenol
 Concen: 136.766 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041761.D
 Acq: 23 Jul 2019 18:28

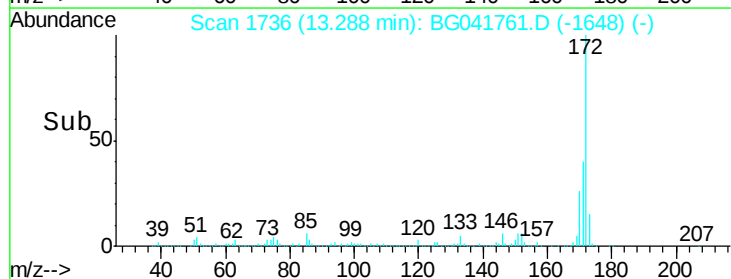
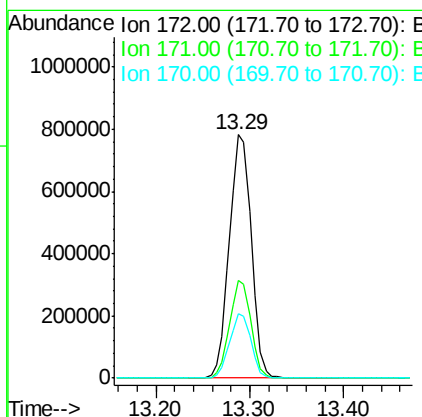
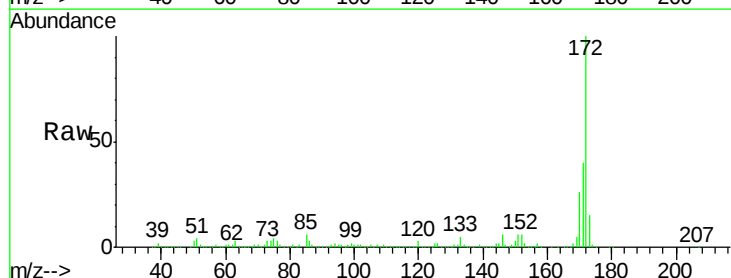
Instrument :
 BNA_G
 ClientSampleId :
 TP-1

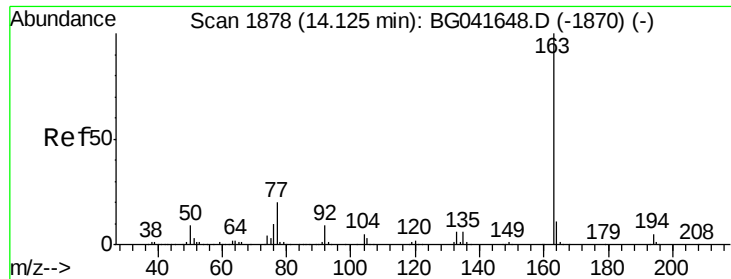
Tot Ion:330 Resp: 375616
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.0
 141 33.7 31.9 47.9



#45
 2-Fluorobiphenyl
 Concen: 80.901 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG041761.D
 Acq: 23 Jul 2019 18:28

Tgt Ion:172 Resp: 1273184
 Ion Ratio Lower Upper
 172 100
 171 40.1 35.0 52.4
 170 26.4 23.5 35.3





#50

Dimethylphthalate

Concen: 9.659 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BG041761.D

Acq: 23 Jul 2019 18:28

Instrument :

BNA_G

ClientSampleId :

TP-1

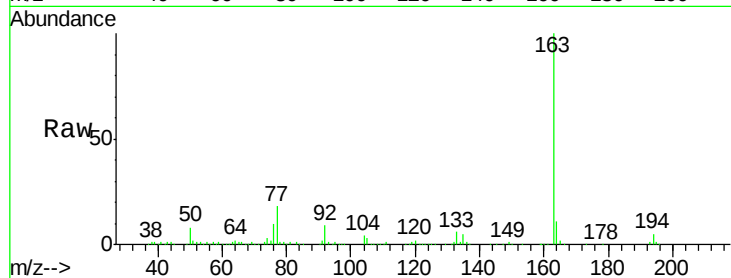
Tot Ion:163 Resp: 184863

Ion Ratio Lower Upper

163 100

194 4.9 4.2 6.2

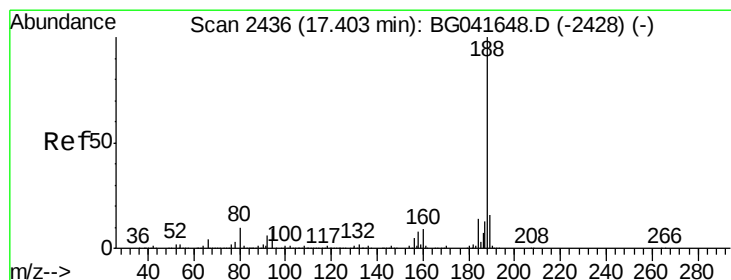
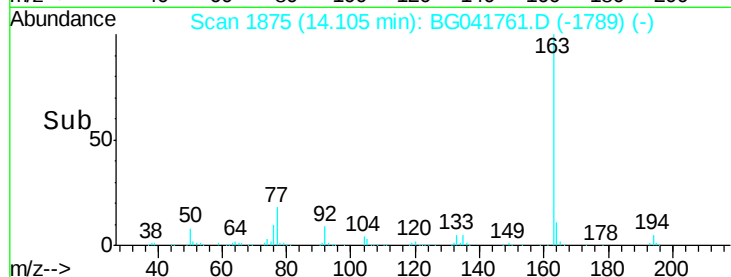
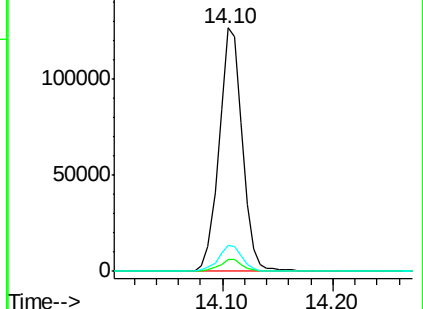
164 10.9 9.4 14.2



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: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG041761.D

Acq: 23 Jul 2019 18:28

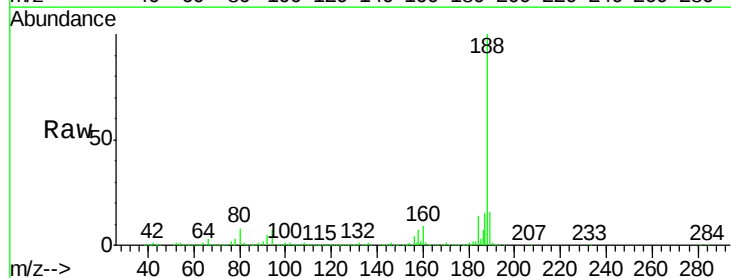
Tgt Ion:188 Resp: 552082

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

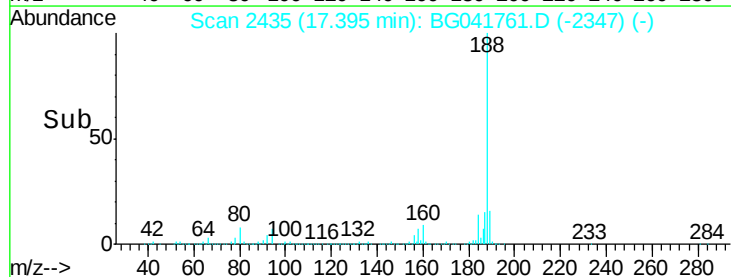
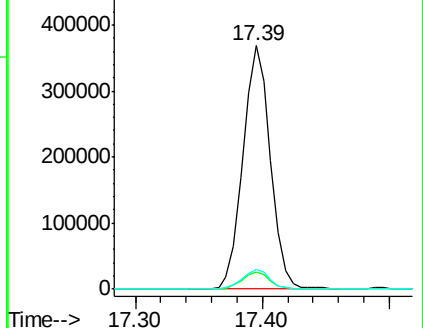
80 7.9 8.0 12.0#

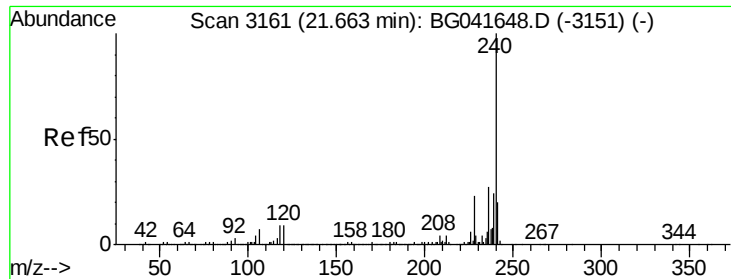


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

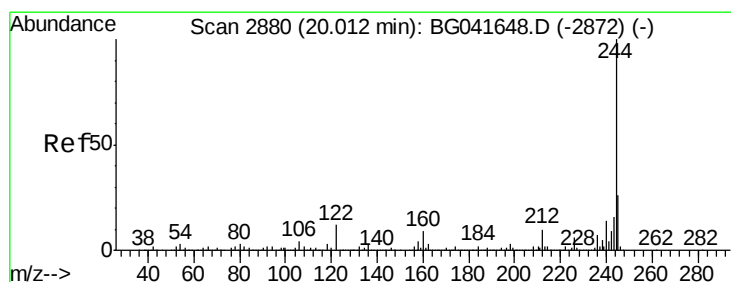
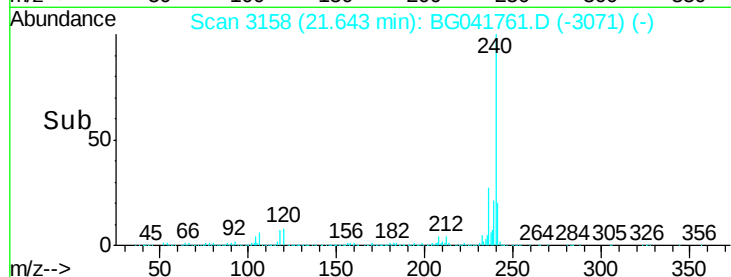
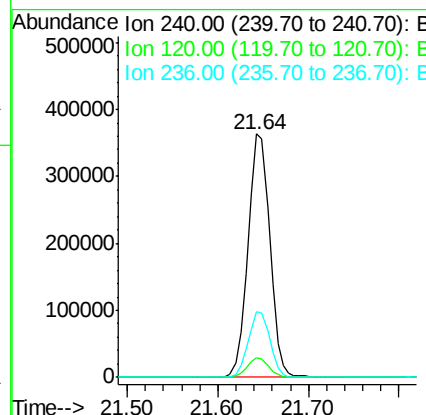
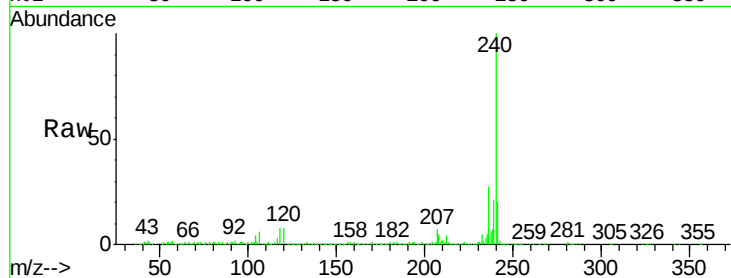




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3158
 Delta R.T. -0.02 min
 Lab File: BG041761.D
 Acq: 23 Jul 2019 18:28

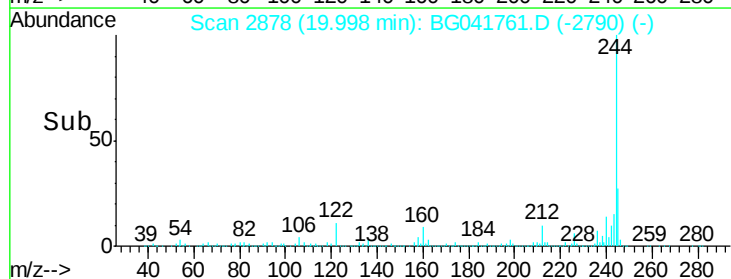
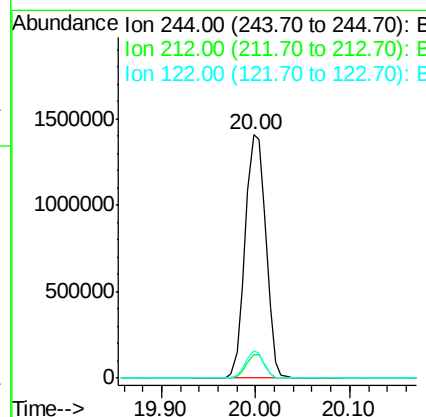
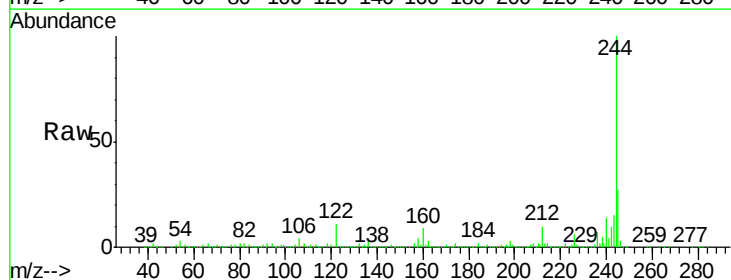
Instrument :
 BNA_G
 ClientSampled :
 TP-1

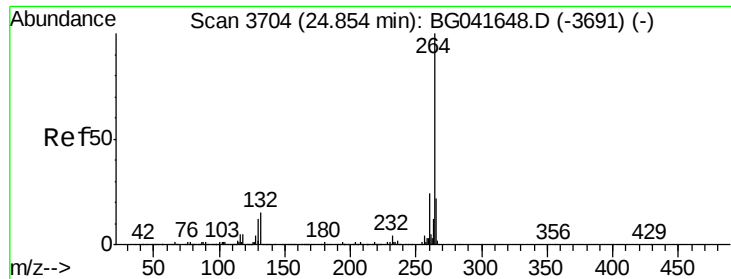
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.1	8.0	12.0
236	26.8	22.6	33.8



#79
 Terphenyl-d14
 Concen: 83.013 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.01 min
 Lab File: BG041761.D
 Acq: 23 Jul 2019 18:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.9	9.7	14.5
122	11.0	12.5	18.7

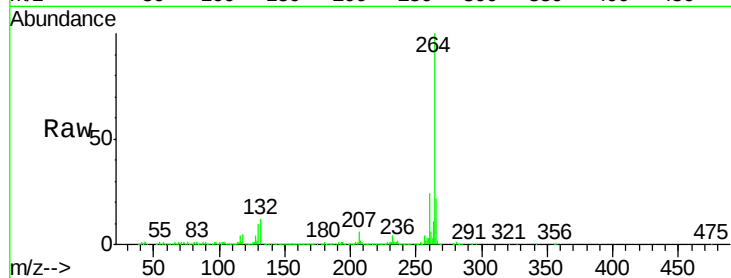




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3701
Delta R.T. -0.03 min
Lab File: BG041761.D
Acq: 23 Jul 2019 18:28

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.3	18.0	27.0



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

