

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071919\
 Data File : BG041730.D
 Acq On : 19 Jul 2019 11:50
 Operator : HP/JU
 Sample : K3883-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SGMW-4D

Quant Time: Jul 20 00:05:48 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

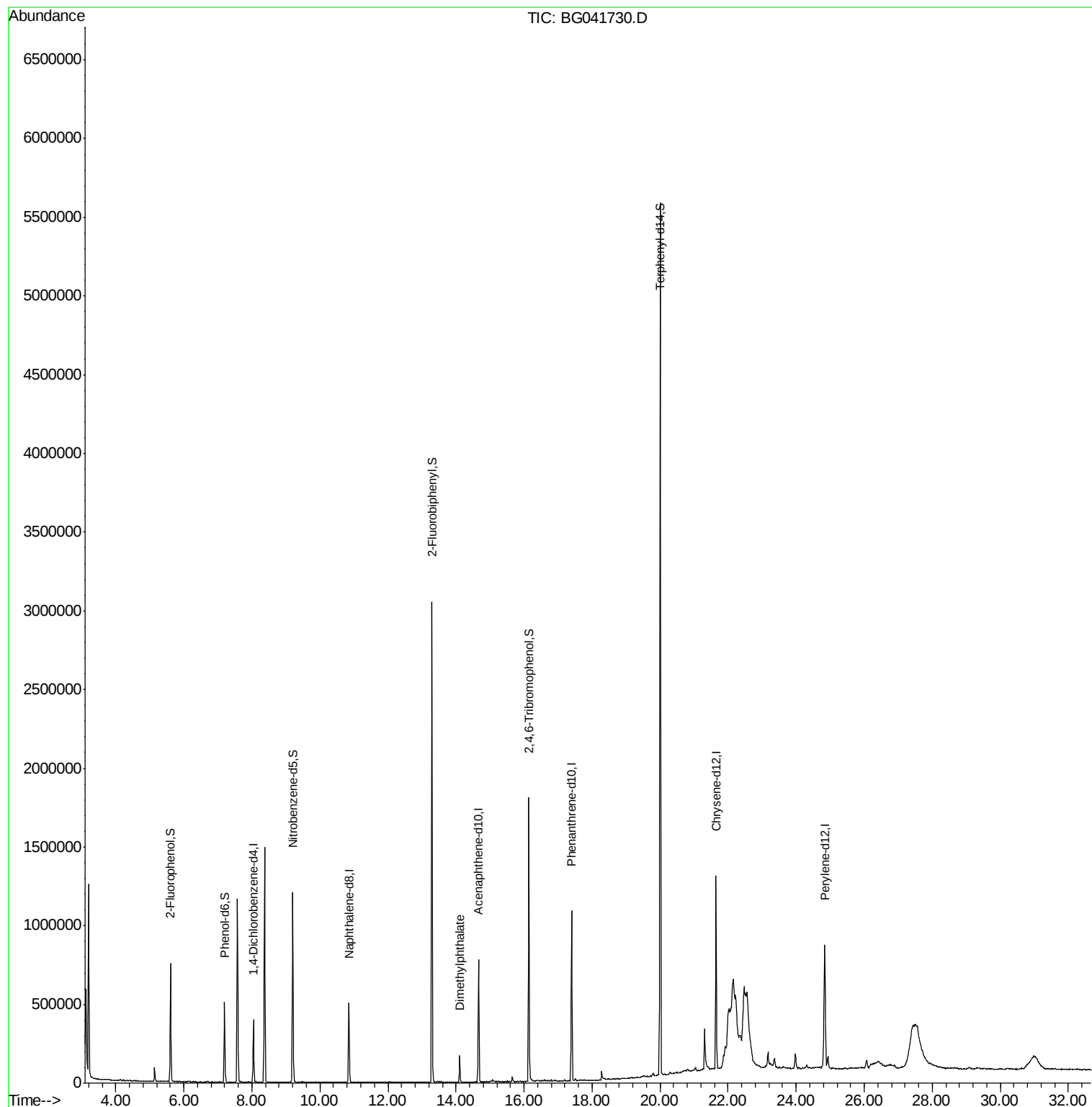
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	114548	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	444910	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	278090	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	684709	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	727607	20.00	ng	-0.02
87) Perylene-d12	24.84	264	860935	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	336018	47.95	ng	0.00
7) Phenol-d6	7.20	99	294748	31.27	ng	0.00
23) Nitrobenzene-d5	9.20	82	709628	97.00	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	339883	108.45	ng	-0.01
45) 2-Fluorobiphenyl	13.29	172	1628745	90.69	ng	-0.01
79) Terphenyl-d14	20.01	244	2391660	76.81	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	123533	5.656	ng	Qvalue 99

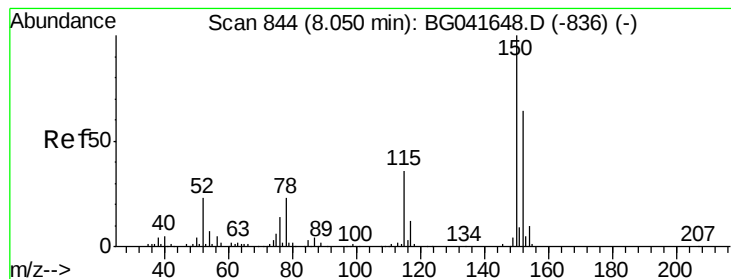
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG041730.D

Acq: 19 Jul 2019 11:50

Instrument :

BNA_G

ClientSampleId :

SGMW-4D

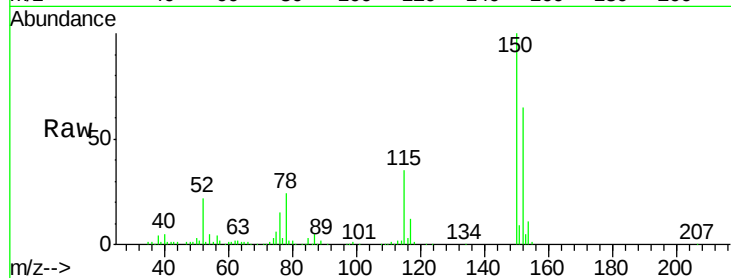
Tot Ion:152 Resp: 114548

Ion Ratio Lower Upper

152 100

150 154.2 126.9 190.3

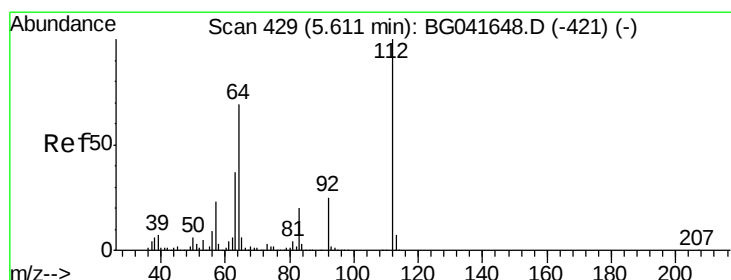
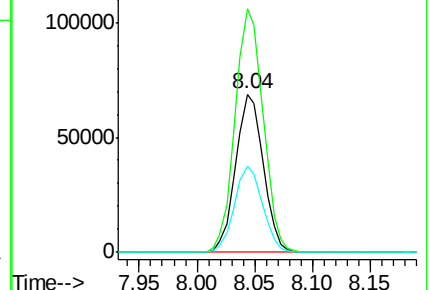
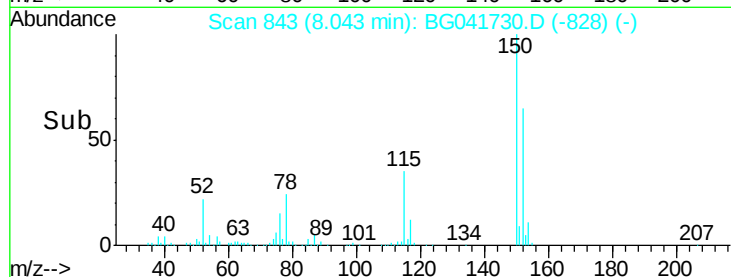
115 54.2 45.0 67.6



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: 47.954 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG041730.D

Acq: 19 Jul 2019 11:50

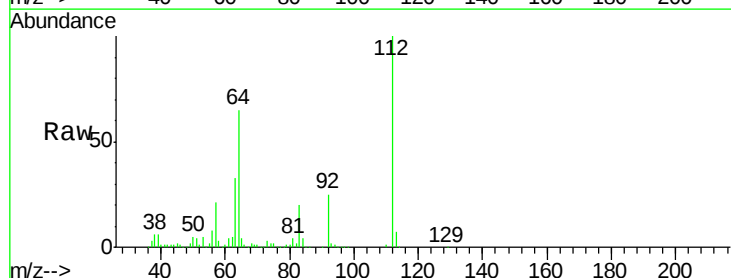
Tgt Ion:112 Resp: 336018

Ion Ratio Lower Upper

112 100

64 64.6 55.4 83.2

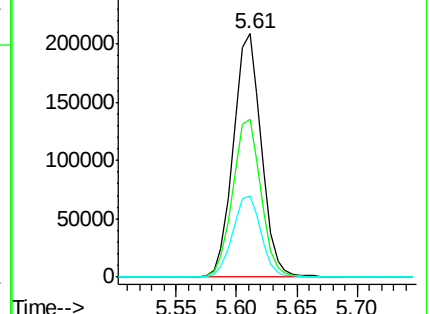
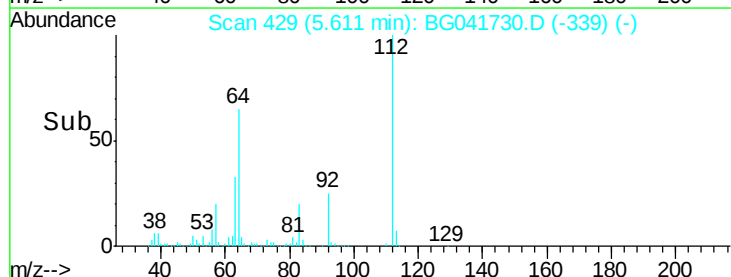
63 33.4 29.1 43.7

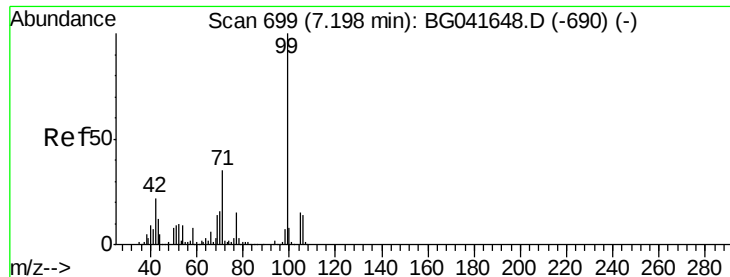


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 31.274 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041730.D

Acq: 19 Jul 2019 11:50

Instrument :

BNA_G

ClientSampleId :

SGMW-4D

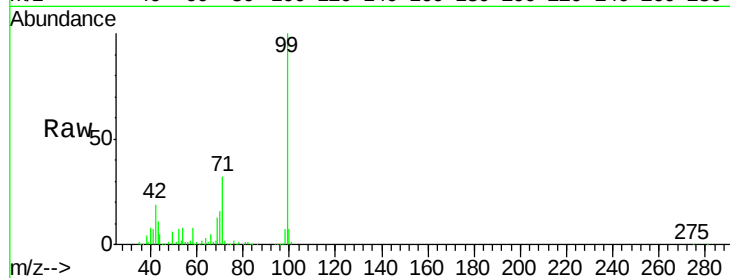
Tot Ion: 99 Resp: 294748

Ion Ratio Lower Upper

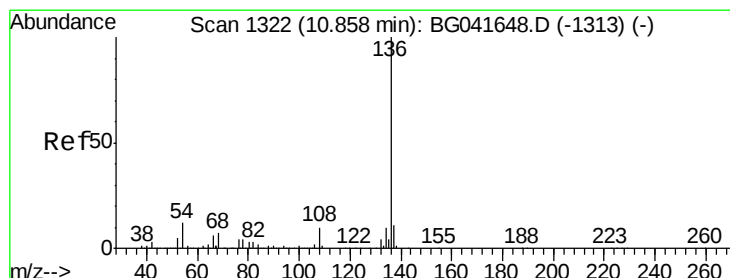
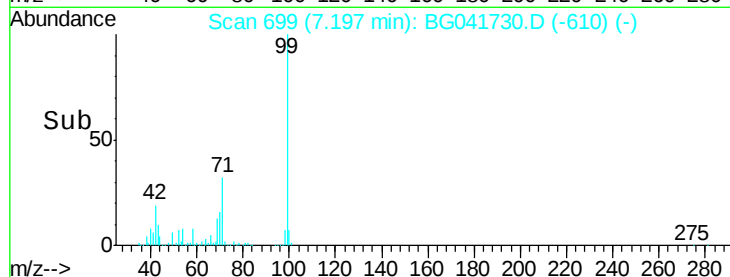
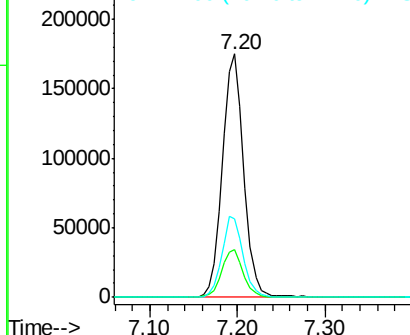
99 100

42 19.4 17.6 26.4

71 32.3 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: BG041730.D

Acq: 19 Jul 2019 11:50

Tgt Ion: 136 Resp: 444910

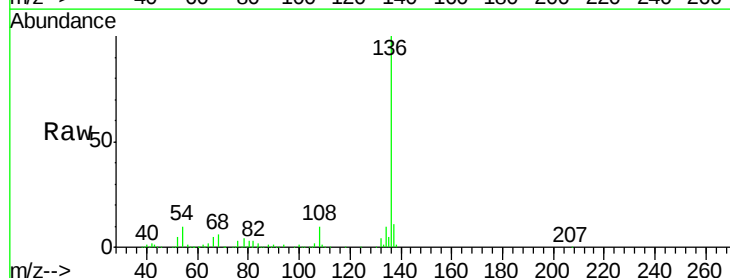
Ion Ratio Lower Upper

136 100

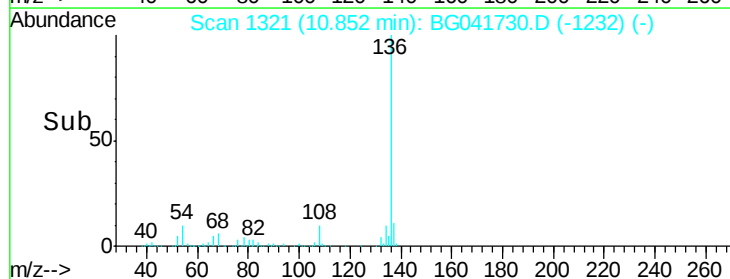
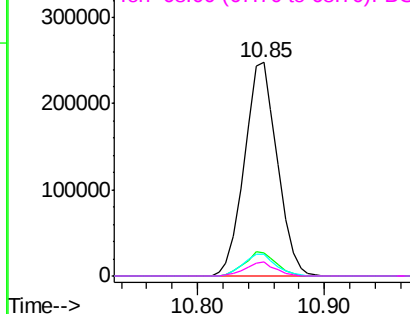
137 10.7 9.2 13.8

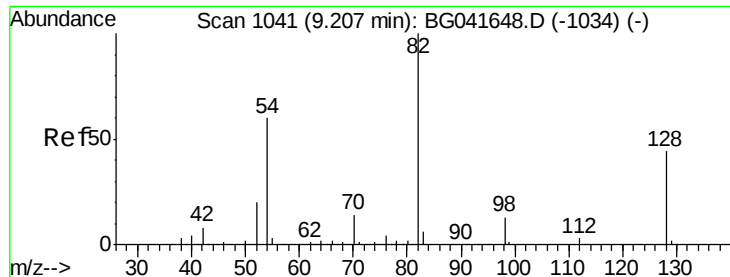
54 10.3 8.7 13.1

68 6.3 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

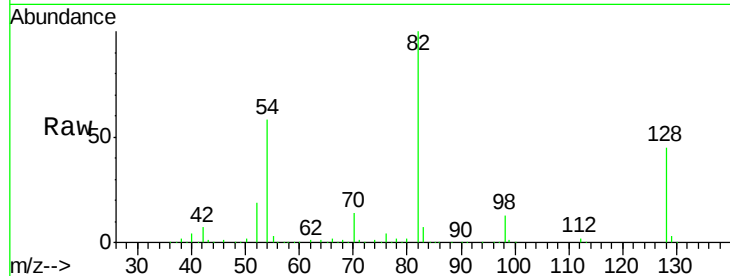




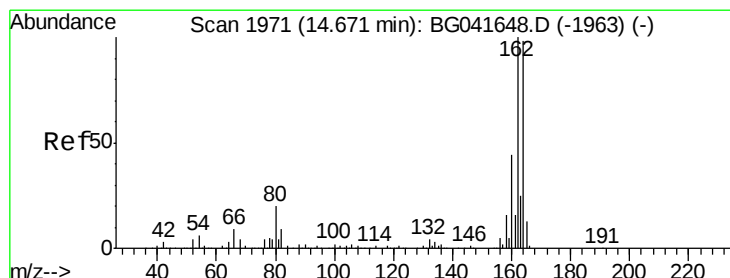
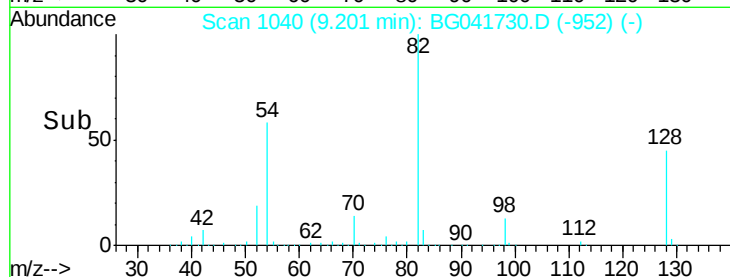
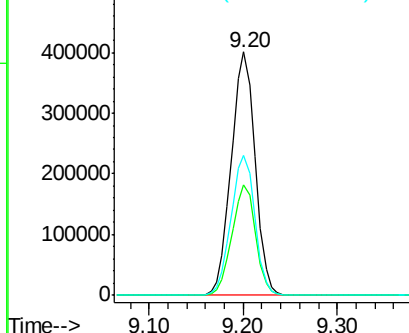
#23
Nitrobenzene-d5
Concen: 97.000 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041730.D
Acq: 19 Jul 2019 11:50

Instrument :
BNA_G
ClientSampleId :
SGMW-4D

Tot Ion: 82 Resp: 709628
Ion Ratio Lower Upper
82 100
128 45.2 35.1 52.7
54 57.7 48.7 73.1

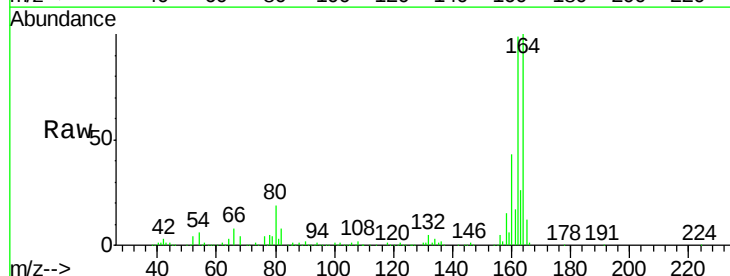


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

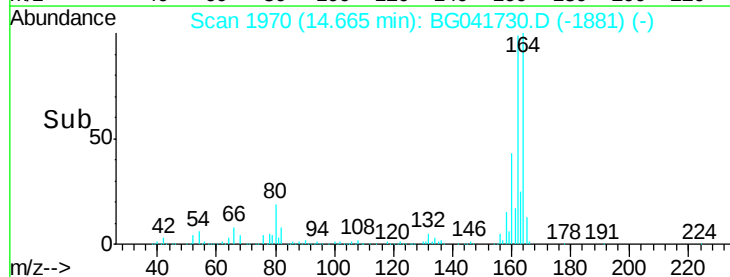
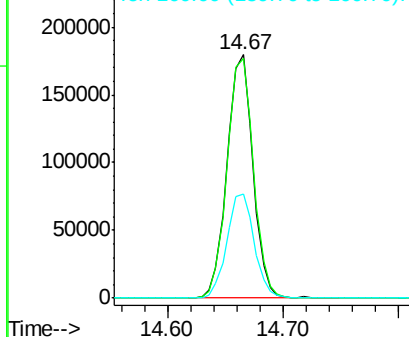


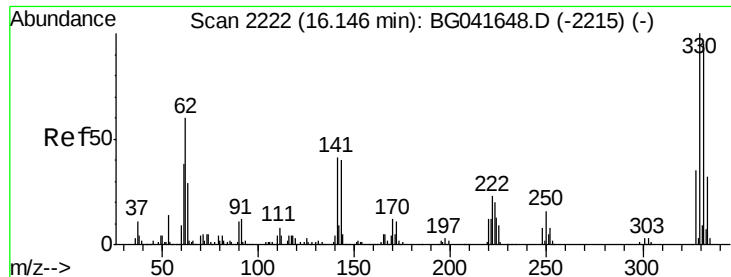
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041730.D
Acq: 19 Jul 2019 11:50

Tgt Ion:164 Resp: 278090
Ion Ratio Lower Upper
164 100
162 98.7 79.6 119.4
160 43.0 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

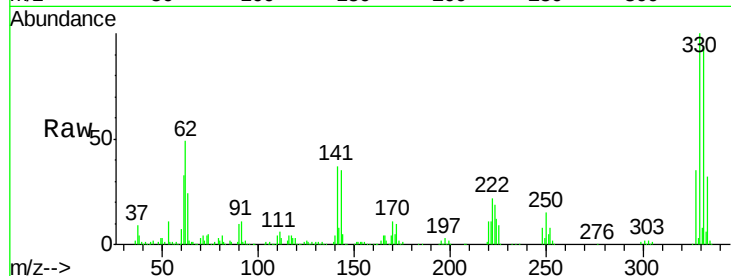




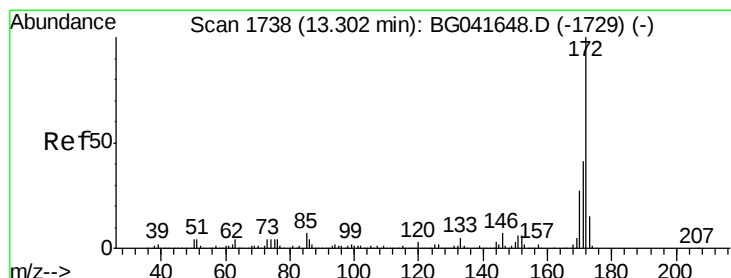
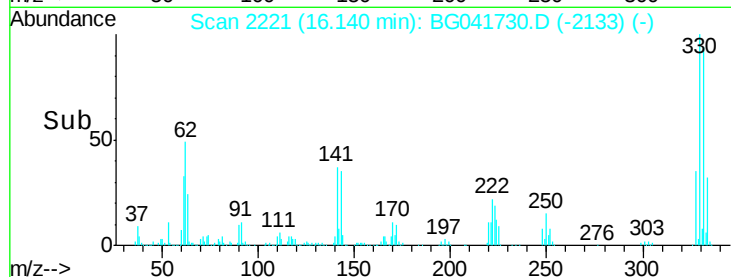
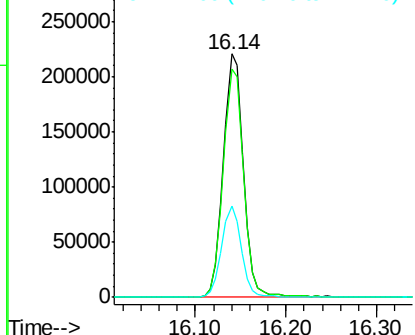
#42
 2,4,6-Tribromophenol
 Concen: 108.449 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG041730.D
 Acq: 19 Jul 2019 11:50

Instrument :
 BNA_G
 ClientSampleId :
 SGMW-4D

Tot Ion:330 Resp: 339883
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.0
 141 36.6 31.9 47.9

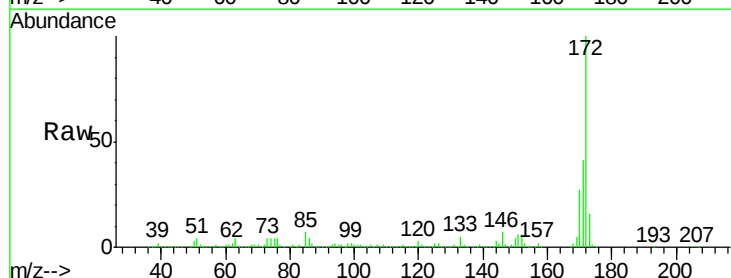


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

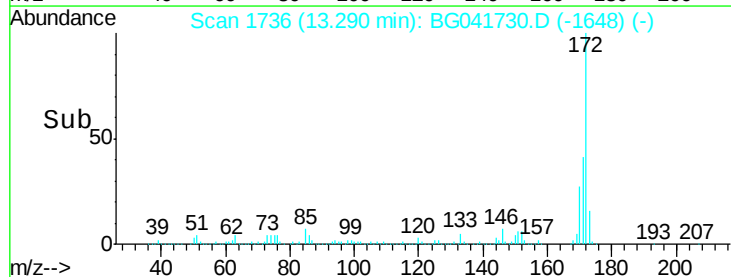
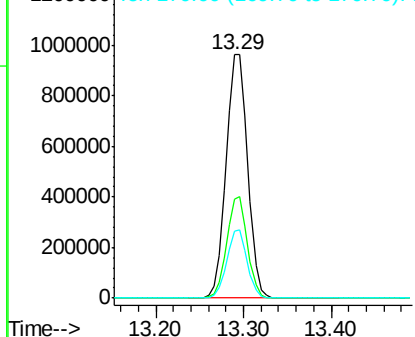


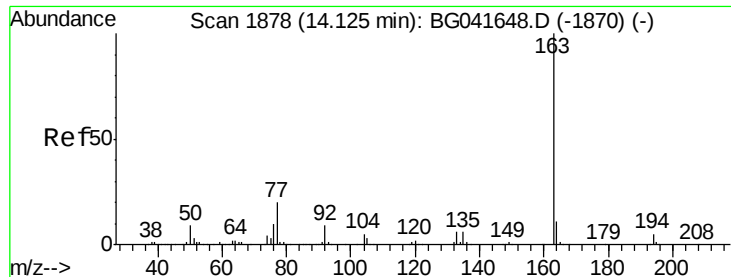
#45
 2-Fluorobiphenyl
 Concen: 90.694 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG041730.D
 Acq: 19 Jul 2019 11:50

Tgt Ion:172 Resp: 1628745
 Ion Ratio Lower Upper
 172 100
 171 40.7 35.0 52.4
 170 27.4 23.5 35.3



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: 5.656 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG041730.D

Acq: 19 Jul 2019 11:50

Instrument :

BNA_G

ClientSampleId :

SGMW-4D

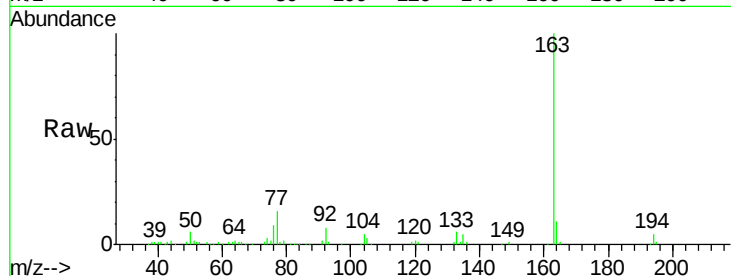
Tot Ion:163 Resp: 123533

Ion Ratio Lower Upper

163 100

194 5.1 4.2 6.2

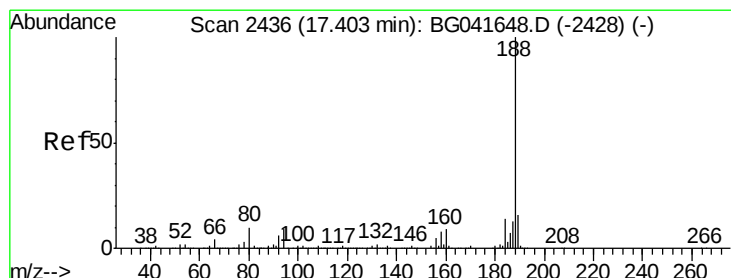
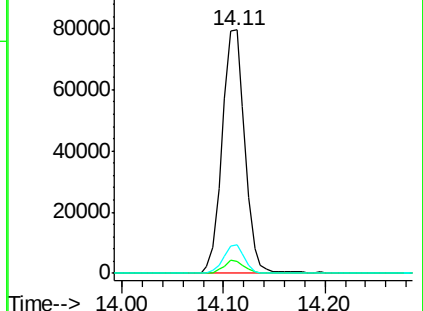
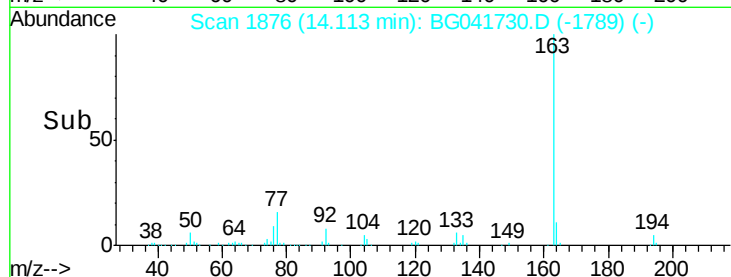
164 11.5 9.4 14.2



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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG041730.D

Acq: 19 Jul 2019 11:50

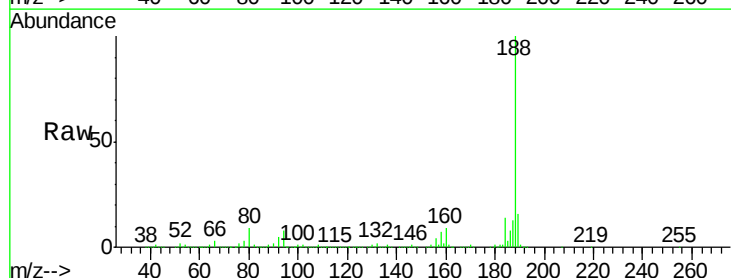
Tgt Ion:188 Resp: 684709

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

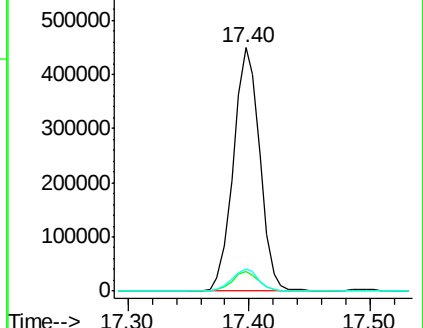
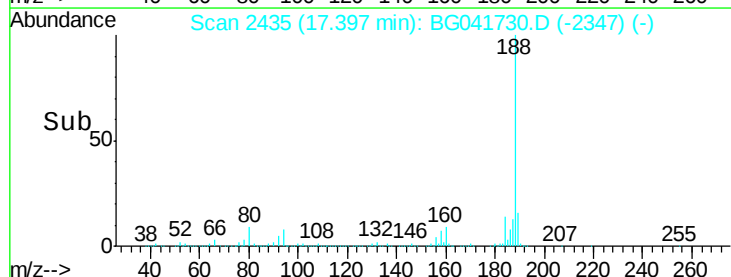
80 9.2 8.0 12.0

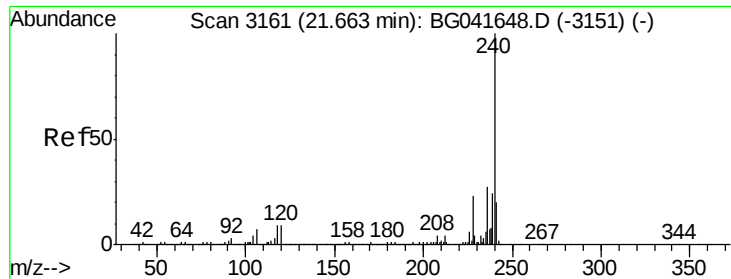


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

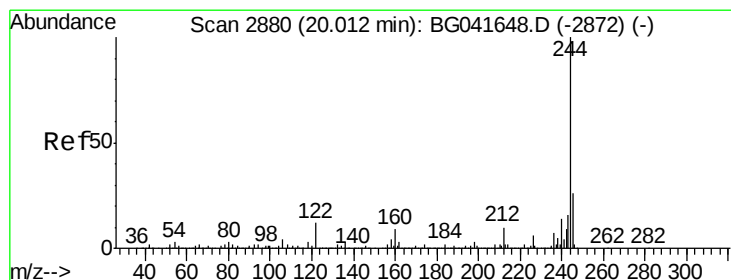
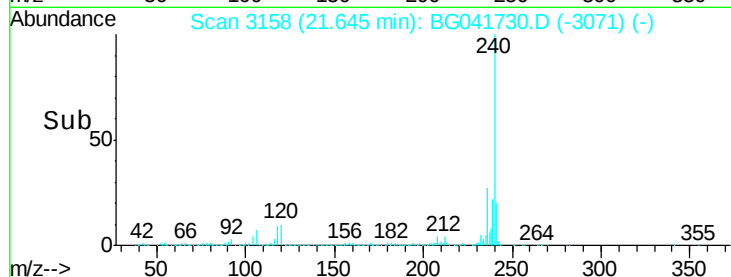
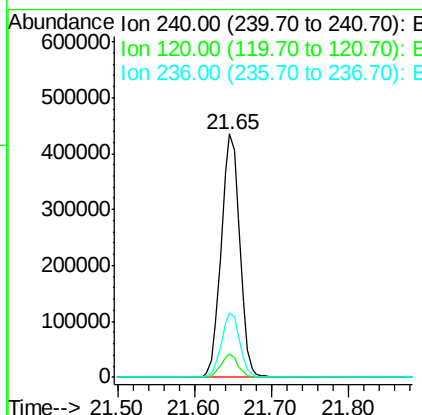
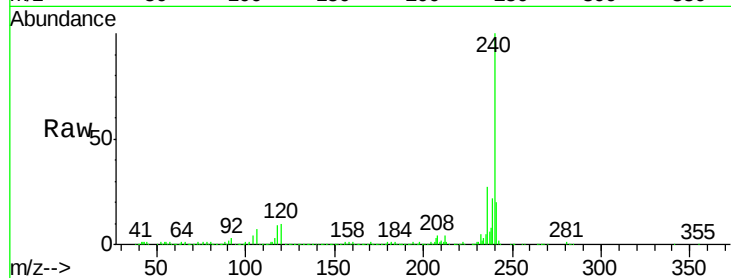




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3158
Delta R.T. -0.02 min
Lab File: BG041730.D
Acq: 19 Jul 2019 11:50

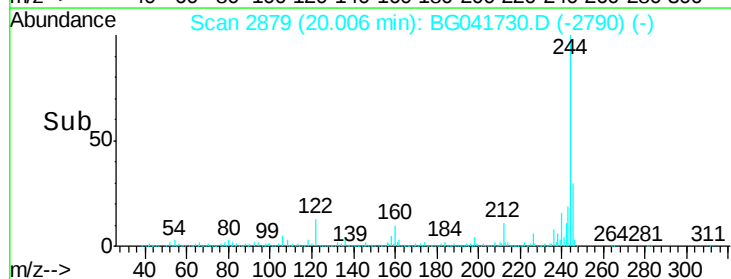
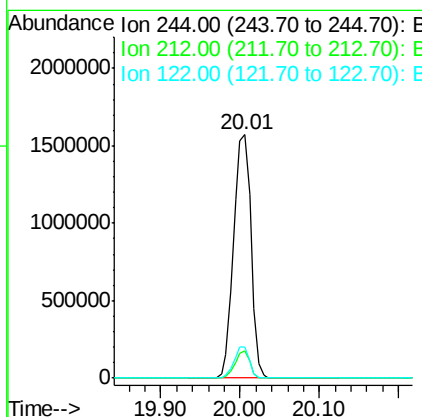
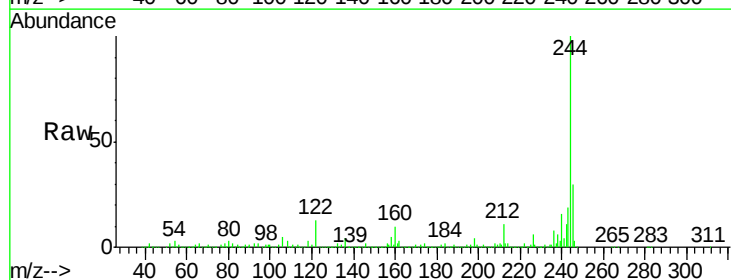
Instrument :
BNA_G
ClientSampleId :
SGMW-4D

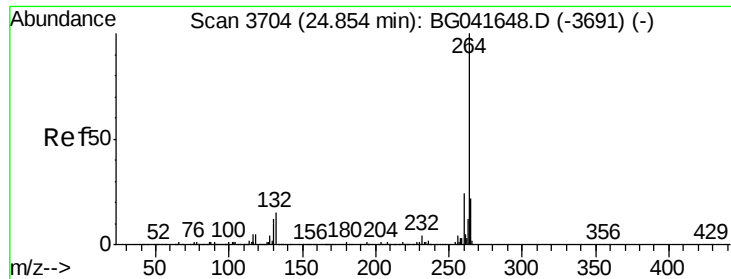
Tot Ion:240 Resp: 727607
Ion Ratio Lower Upper
240 100
120 9.6 8.0 12.0
236 26.7 22.6 33.8



#79
Terphenyl-d14
Concen: 76.814 ng
RT: 20.01 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG041730.D
Acq: 19 Jul 2019 11:50

Tgt Ion:244 Resp: 2391660
Ion Ratio Lower Upper
244 100
212 11.0 9.7 14.5
122 12.6 12.5 18.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3702
Delta R.T. -0.02 min
Lab File: BG041730.D
Acq: 19 Jul 2019 11:50

Instrument :
BNA_G
ClientSampleId :
SGMW-4D

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	22.1	18.0	27.0

