

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
 Data File : BG041701.D
 Acq On : 17 Jul 2019 23:33
 Operator : HP/JU
 Sample : K3835-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-5(7-9)

Quant Time: Jul 18 07:49:24 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

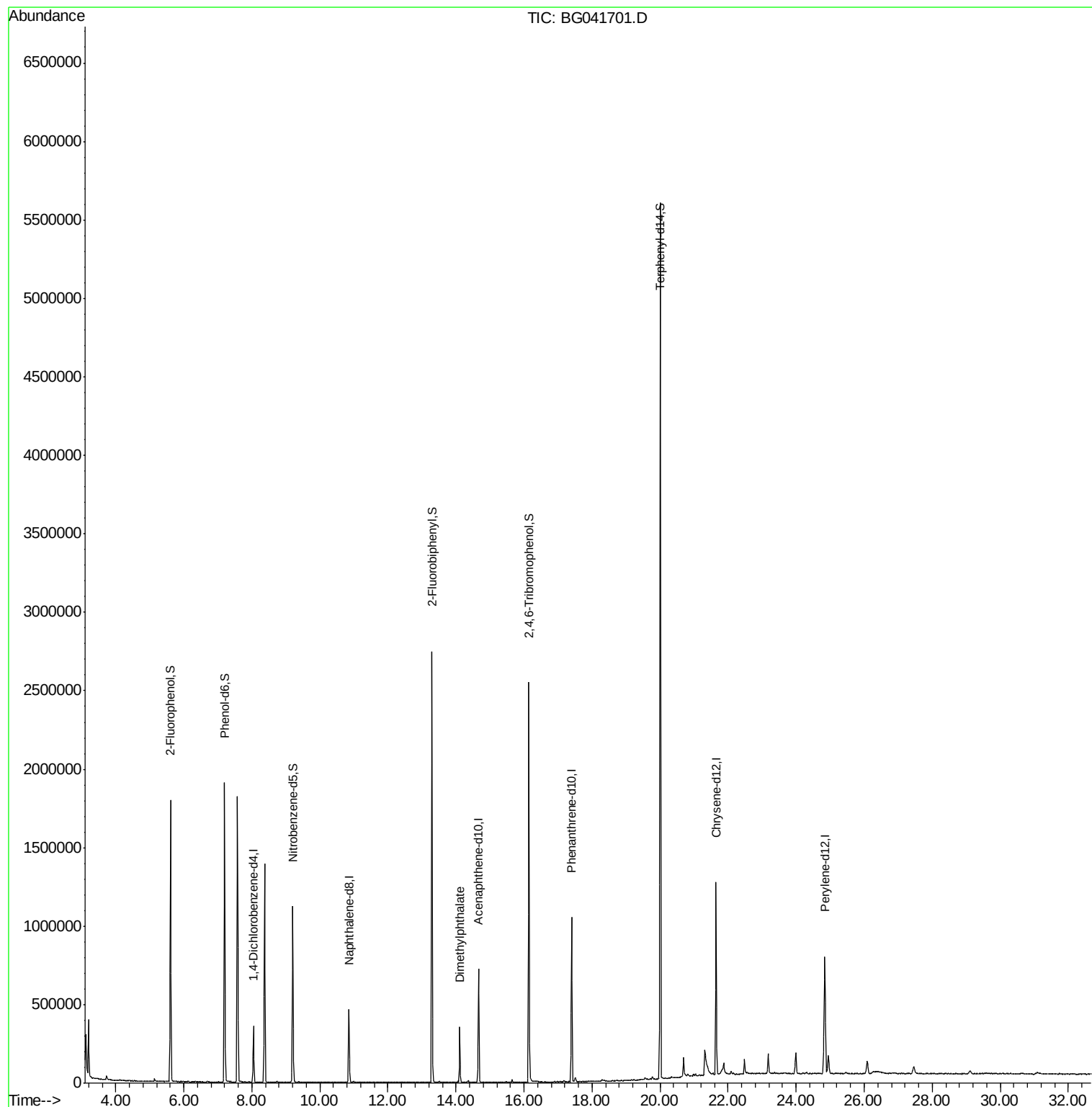
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	106080	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	422703	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	259888	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	658875	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	696070	20.00	ng	-0.02
87) Perylene-d12	24.84	264	793527	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	783470	120.74	ng	0.00
7) Phenol-d6	7.20	99	1088513	124.71	ng	0.00
23) Nitrobenzene-d5	9.20	82	661609	95.19	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	457652	156.25	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1493667	89.00	ng	0.00
79) Terphenyl-d14	20.01	244	2399195	80.55	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	244865	11.997	ng	Qvalue 98

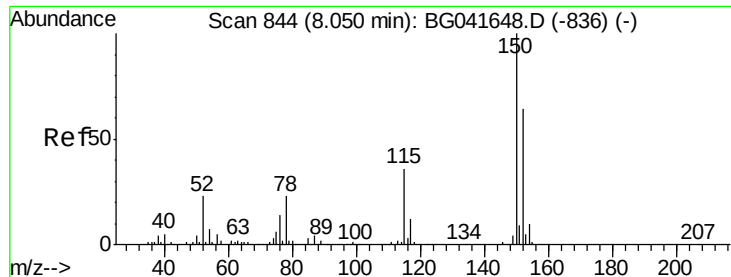
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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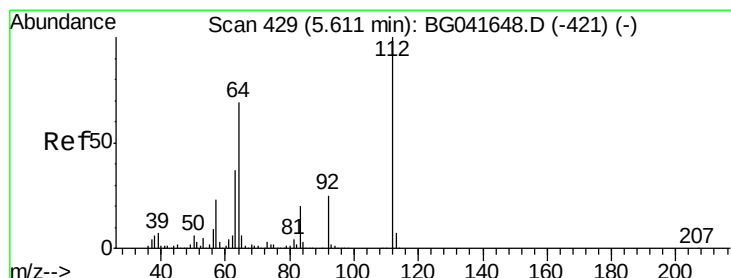
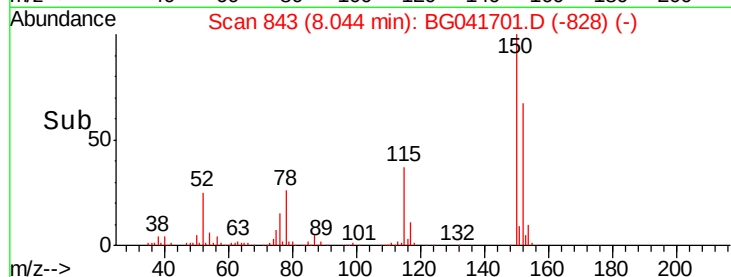
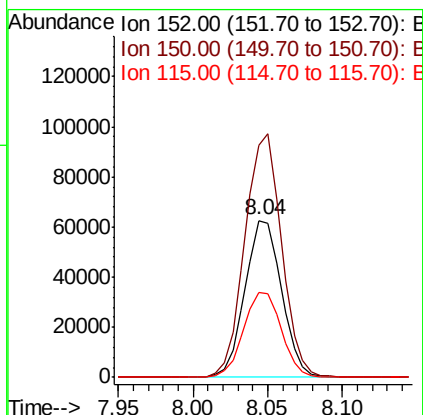
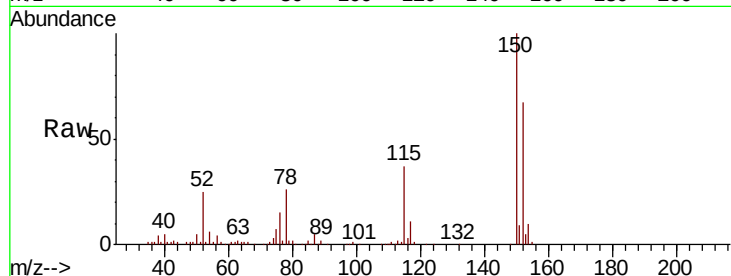


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041701.D
Acq: 17 Jul 2019 23:33

Instrument :
BNA_G
ClientSampleId :
SB-5(7-9)

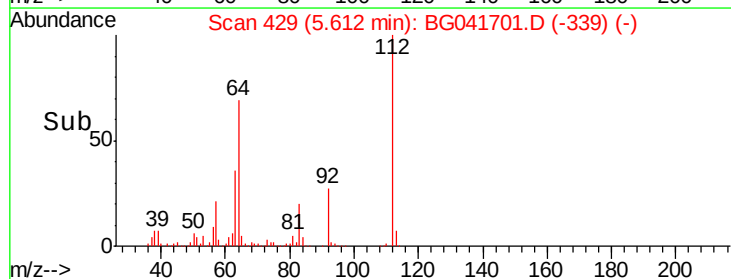
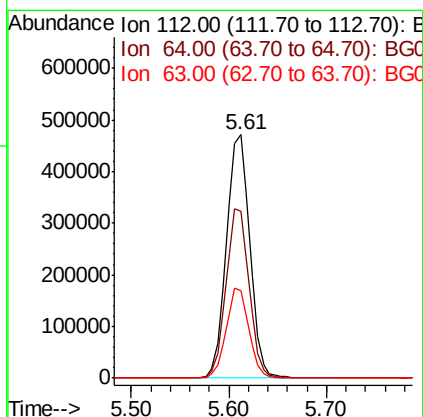
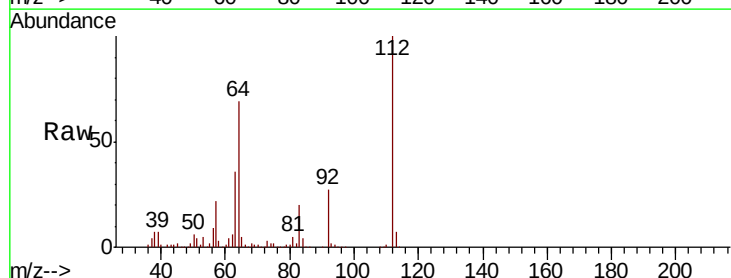
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.5	126.9	190.3
115	54.3	45.0	67.6

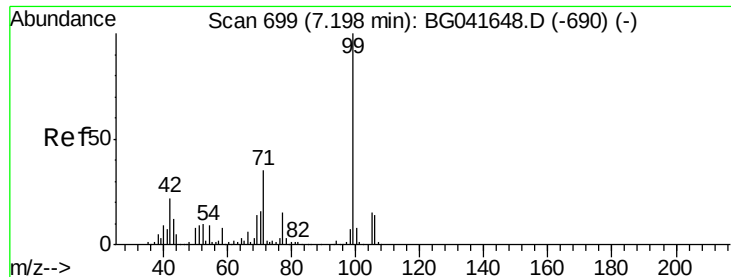


#5

2-Fluorophenol
Concen: 120.737 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG041701.D
Acq: 17 Jul 2019 23:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	55.4	83.2
63	36.1	29.1	43.7





#7

Phenol-d6

Concen: 124.714 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG041701.D

Acq: 17 Jul 2019 23:33

Instrument :

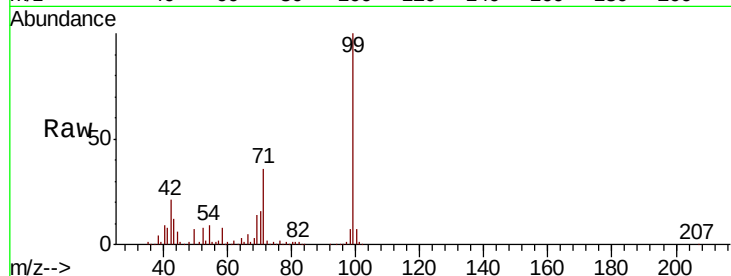
BNA_G

ClientSampleId :

SB-5(7-9)

Tot Ion: 99 Resp: 1088513

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.6	26.4
71	35.5	27.8	41.6

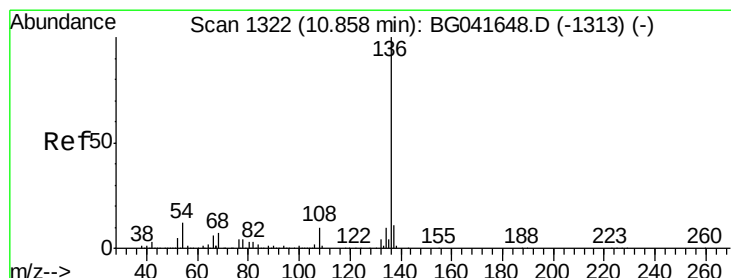
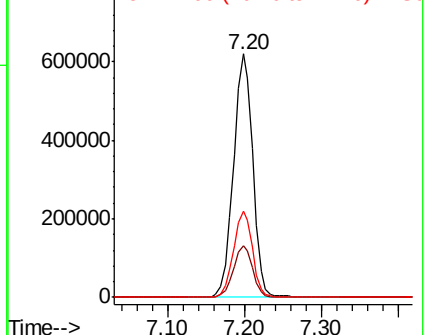
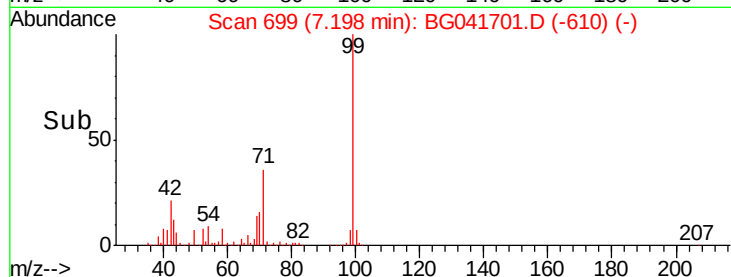


Abundance

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

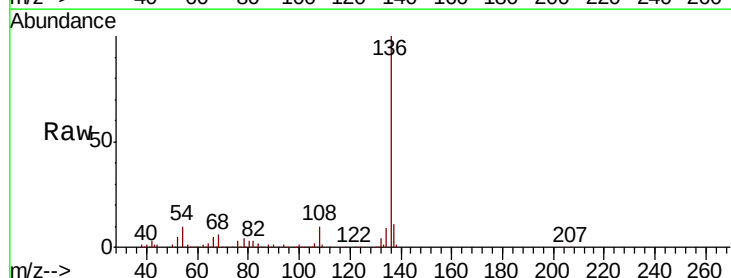
Delta R.T. -0.00 min

Lab File: BG041701.D

Acq: 17 Jul 2019 23:33

Tgt Ion: 136 Resp: 422703

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	10.2	8.7	13.1
68	6.3	5.5	8.3



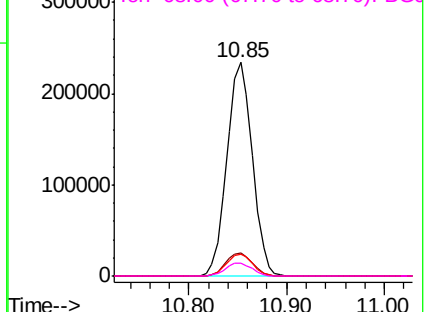
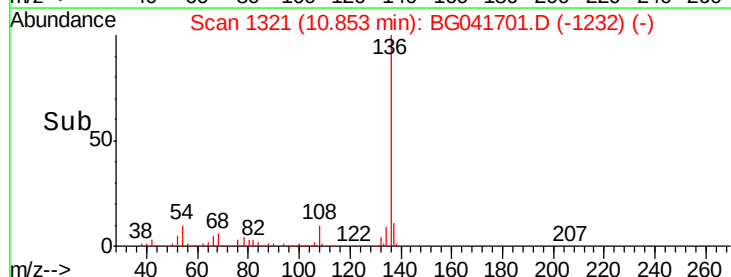
Abundance

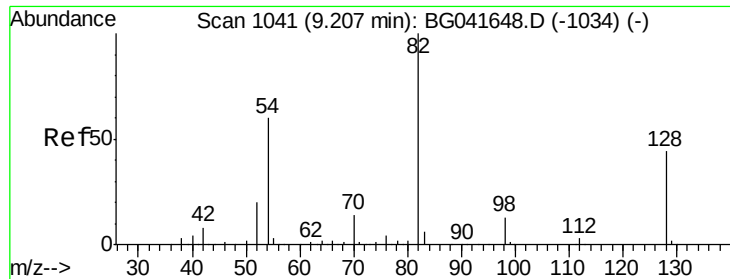
Ion 136.00 (135.70 to 136.70): BGC

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

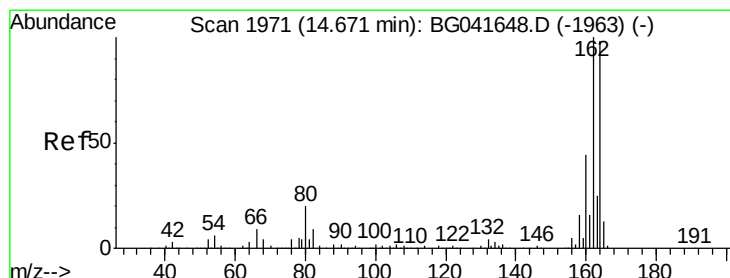
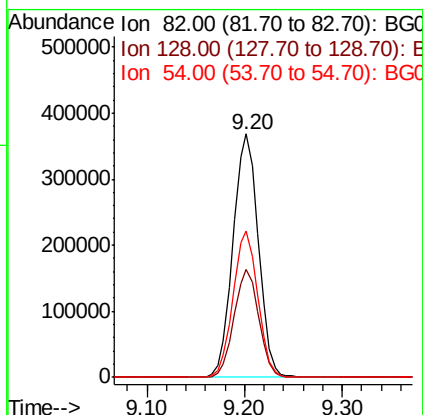
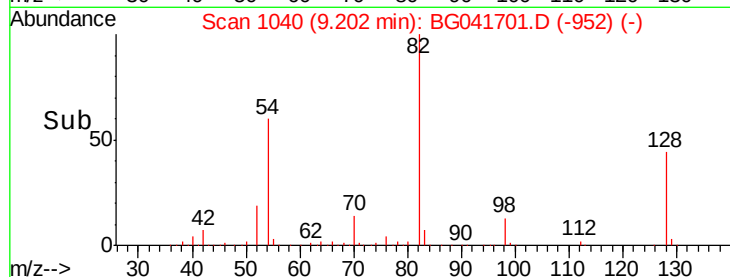
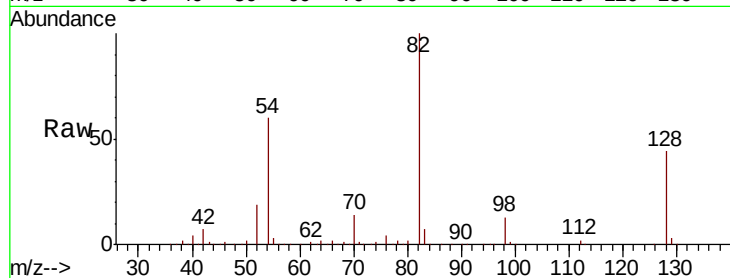




#23
Nitrobenzene-d5
Concen: 95.187 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041701.D
Acq: 17 Jul 2019 23:33

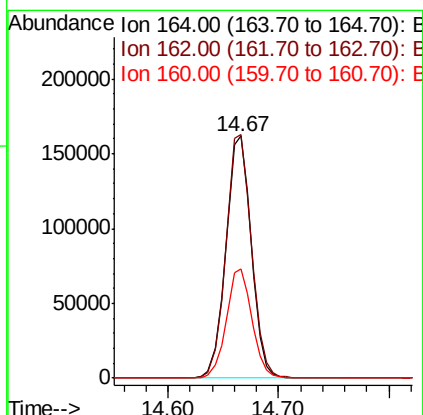
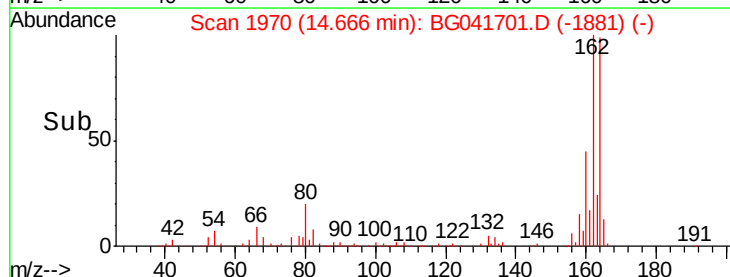
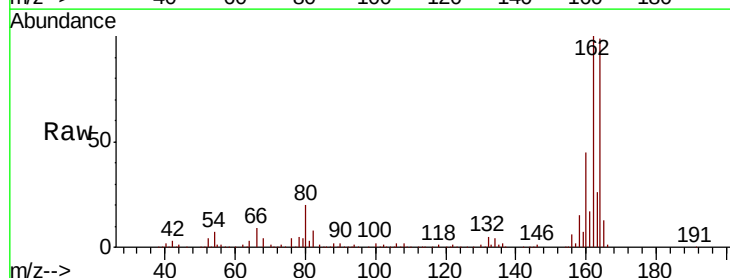
Instrument :
BNA_G
ClientSampleId :
SB-5(7-9)

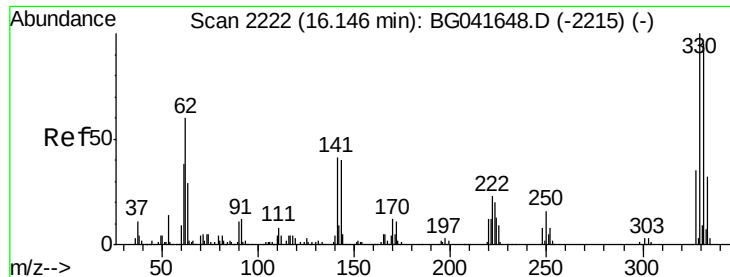
Tot Ion: 82 Resp: 661609
Ion Ratio Lower Upper
82 100
128 44.3 35.1 52.7
54 60.3 48.7 73.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG041701.D
Acq: 17 Jul 2019 23:33

Tgt Ion: 164 Resp: 259888
Ion Ratio Lower Upper
164 100
162 100.5 79.6 119.4
160 45.1 35.4 53.0

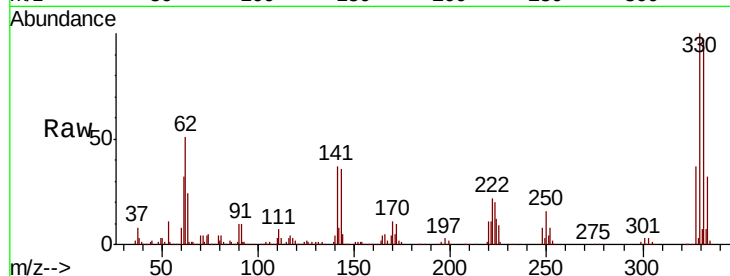




#42
 2,4,6-Tribromophenol
 Concen: 156.254 ng
 RT: 16.15 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG041701.D
 Acq: 17 Jul 2019 23:33

Instrument :
 BNA_G
 ClientSampleId :
 SB-5(7-9)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.0
141	39.5	31.9	47.9

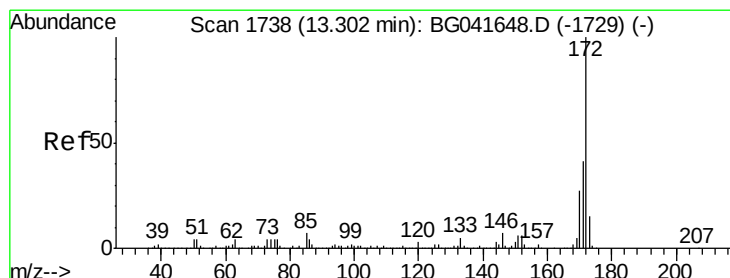
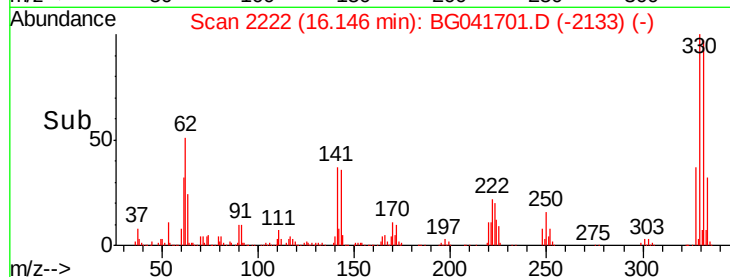
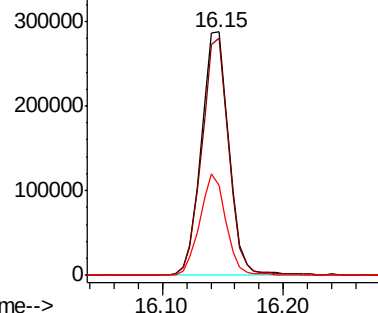


Abundance

Ion 329.80 (329.50 to 330.50): E

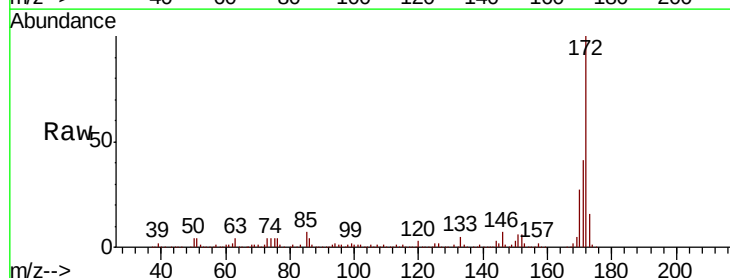
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.998 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041701.D
 Acq: 17 Jul 2019 23:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.1	35.0	52.4
170	27.0	23.5	35.3

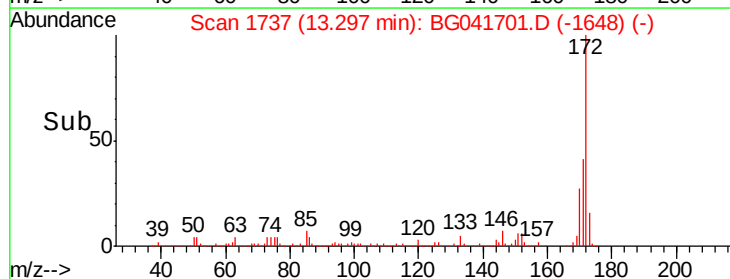
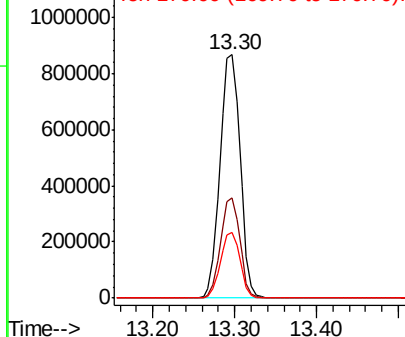


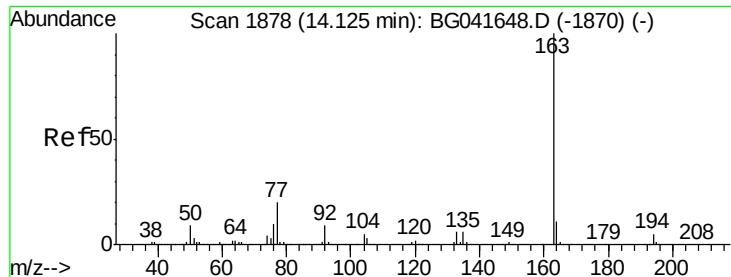
Abundance

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: 11.997 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG041701.D

Acq: 17 Jul 2019 23:33

Instrument :

BNA_G

ClientSampleId :

SB-5(7-9)

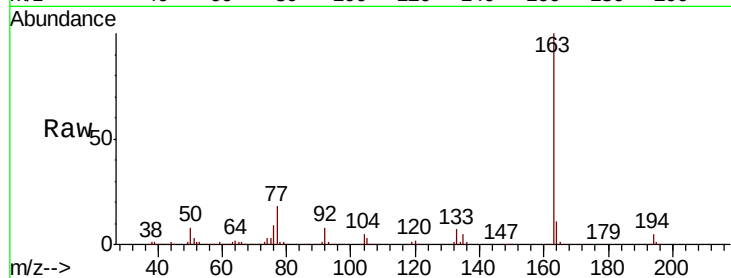
Tot Ion:163 Resp: 244865

Ion Ratio Lower Upper

163 100

194 4.8 4.2 6.2

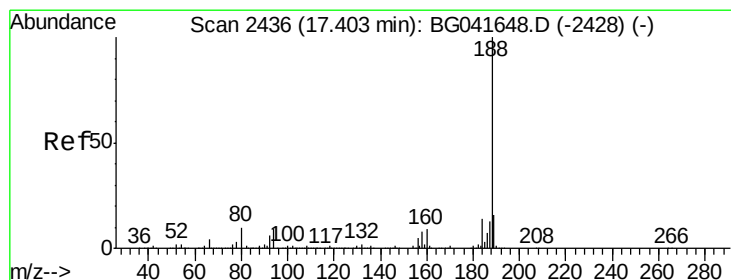
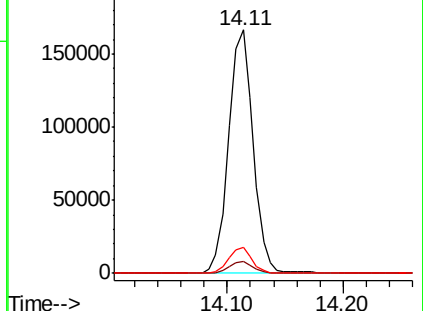
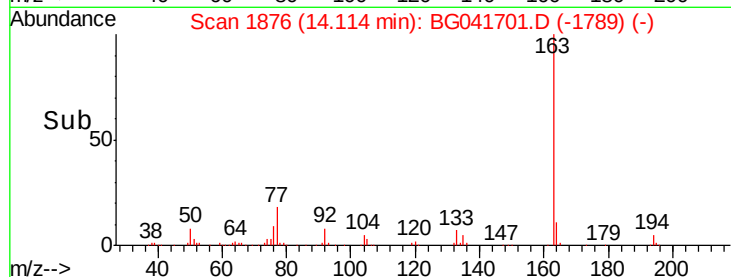
164 10.8 9.4 14.2



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: BG041701.D

Acq: 17 Jul 2019 23:33

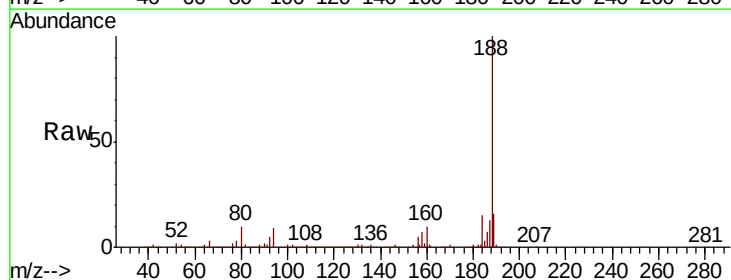
Tgt Ion:188 Resp: 658875

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

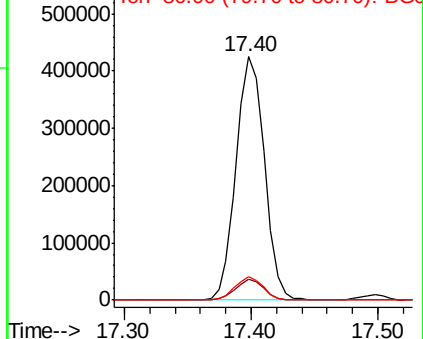
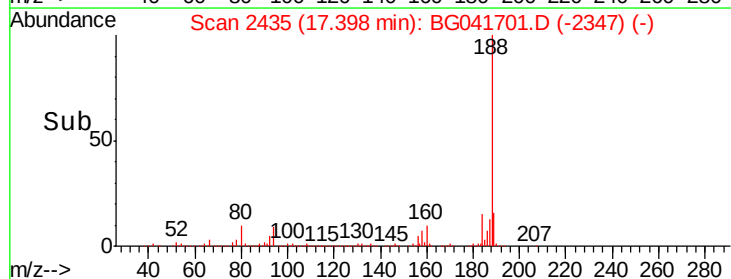
80 9.6 8.0 12.0

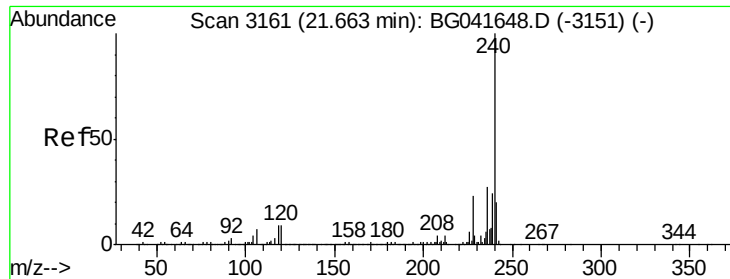


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

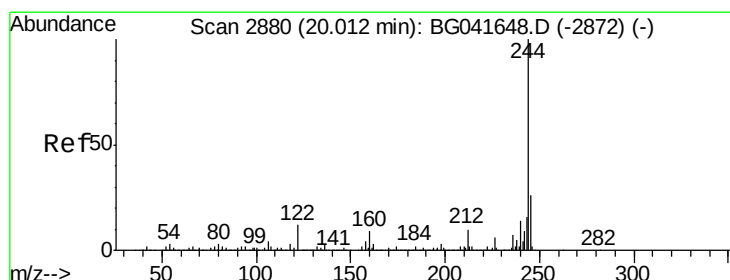
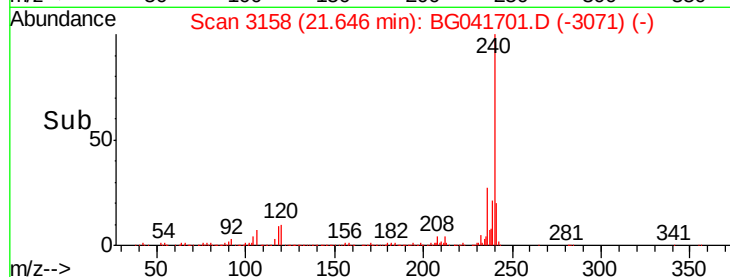
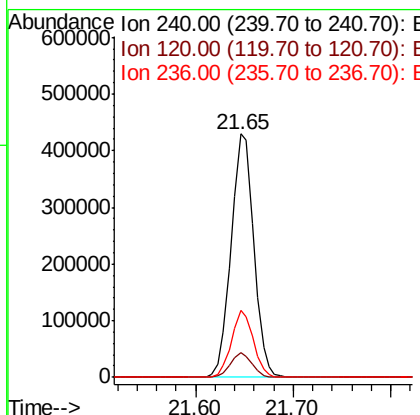
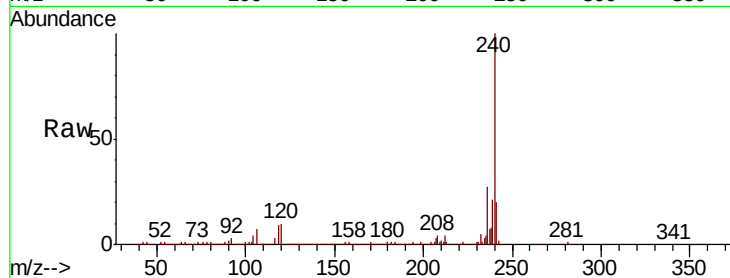




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3158
Delta R.T. -0.02 min
Lab File: BG041701.D
Acq: 17 Jul 2019 23:33

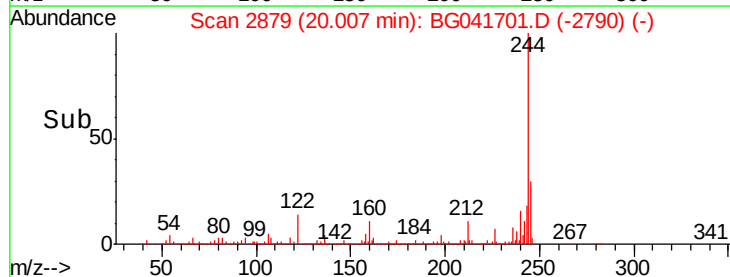
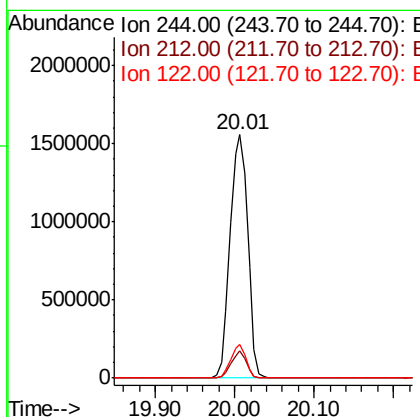
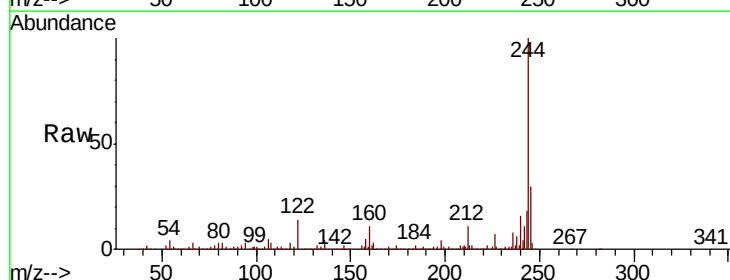
Instrument :
BNA_G
ClientSampled :
SB-5(7-9)

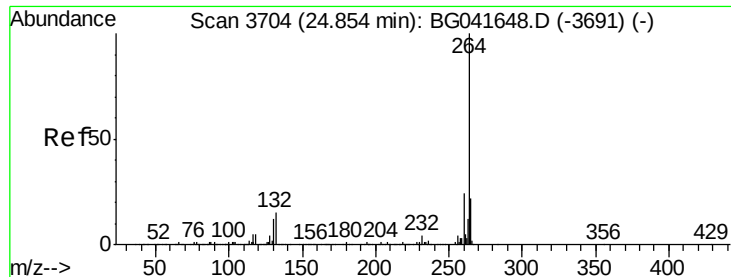
Tot Ion:240 Resp: 696070
Ion Ratio Lower Upper
240 100
120 9.9 8.0 12.0
236 27.5 22.6 33.8



#79
Terphenyl-d14
Concen: 80.547 ng
RT: 20.01 min Scan# 2879
Delta R.T. -0.00 min
Lab File: BG041701.D
Acq: 17 Jul 2019 23:33

Tgt Ion:244 Resp: 2399195
Ion Ratio Lower Upper
244 100
212 11.3 9.7 14.5
122 13.7 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: BG041701.D
Acq: 17 Jul 2019 23:33

Instrument :
BNA_G
ClientSampleId :
SB-5(7-9)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.4	18.0	27.0

