

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
 Data File : BG044860.D
 Acq On : 18 Mar 2020 10:59
 Operator : CG/JU
 Sample : L1933-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-12002

Quant Time: Mar 18 13:05:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

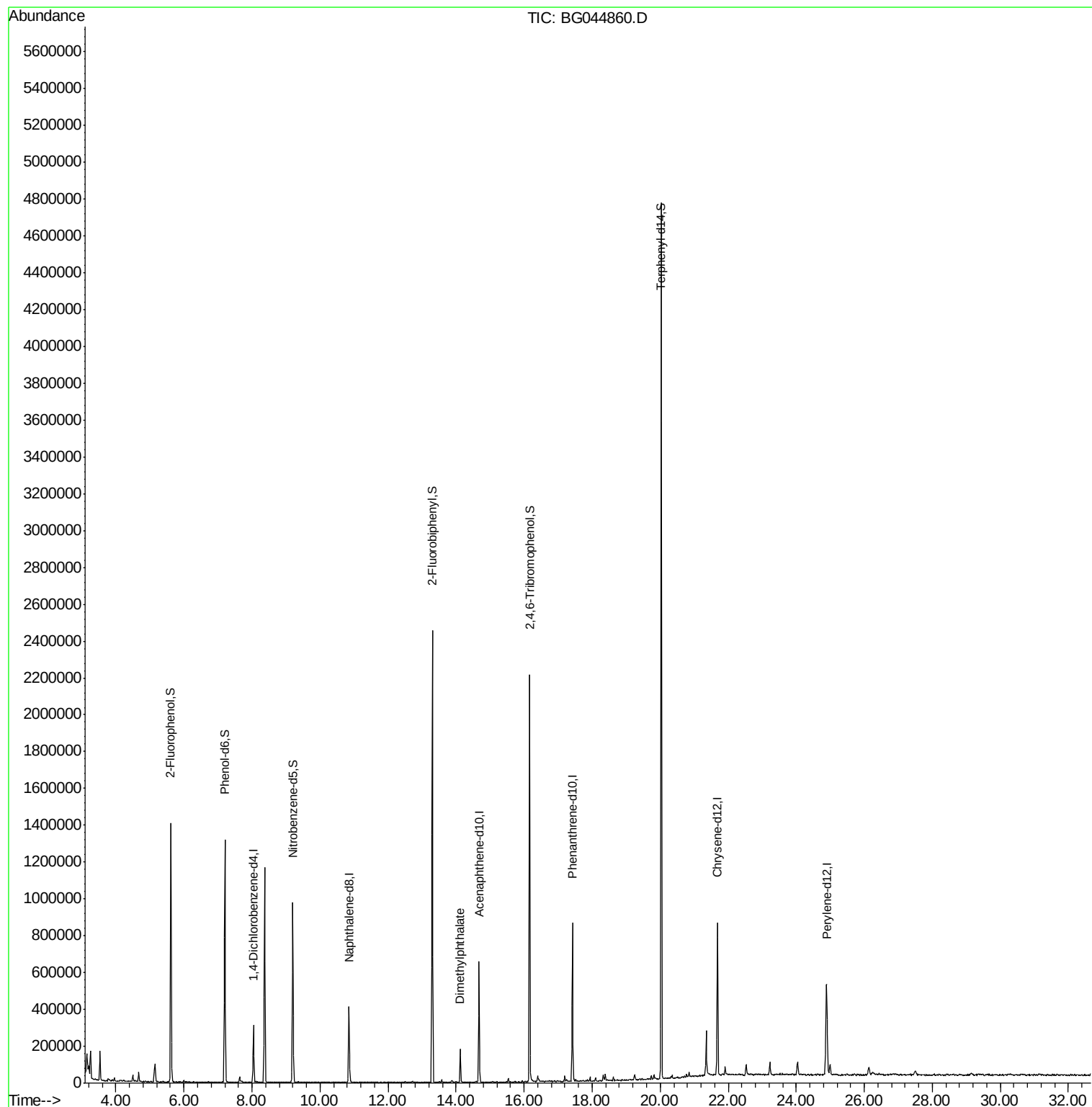
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	91752	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	350700	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	239409	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	539879	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	485592	20.00	ng	-0.02
87) Perylene-d12	24.89	264	552697	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	630360	106.95	ng	0.00
7) Phenol-d6	7.20	99	808650	94.43	ng	0.00
23) Nitrobenzene-d5	9.20	82	644182	80.60	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	423086	134.97	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1344253	80.41	ng	0.00
79) Terphenyl-d14	20.03	244	2167157	83.48	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	121720	6.384	ng	Qvalue 98

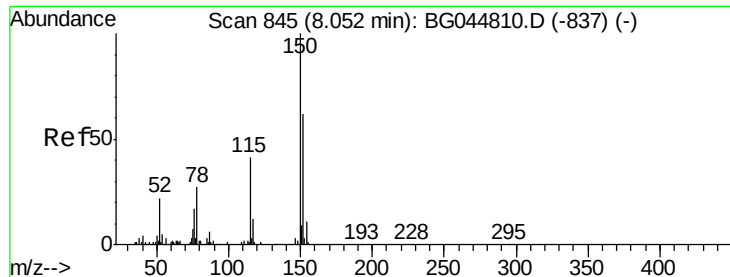
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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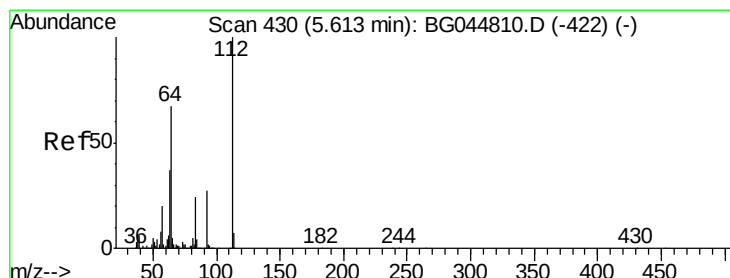
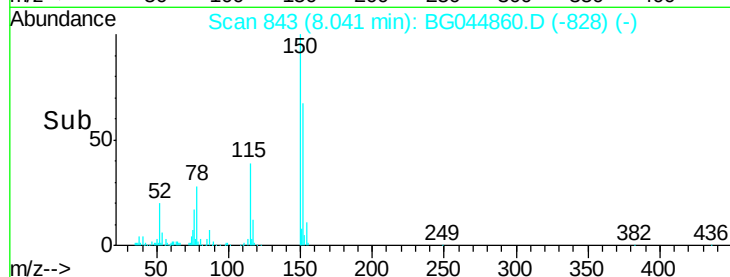
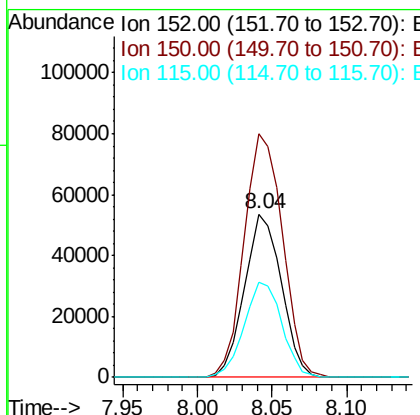
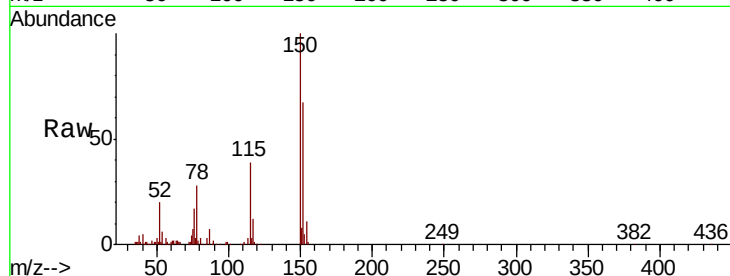


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044860.D
Acq: 18 Mar 2020 10:59

Instrument :
BNA_G
ClientSampleId :
72-12002

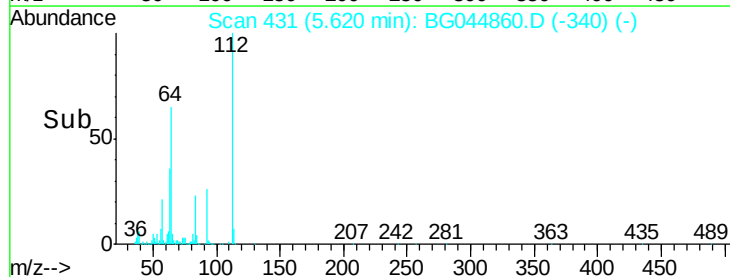
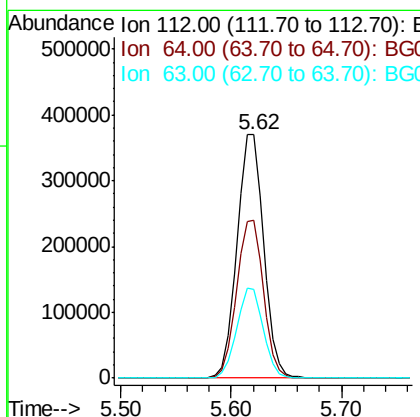
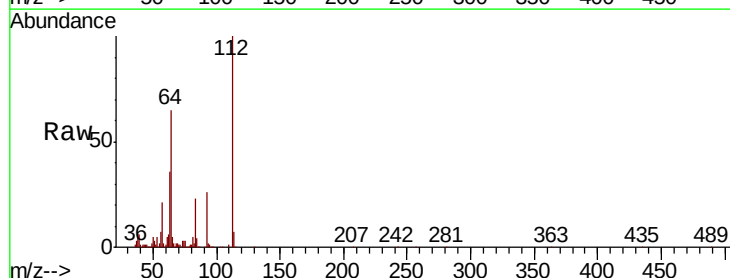
Tot Ion	152	Resp	91752
Ion Ratio	Lower	Upper	
152	100		
150	148.9	128.8	193.2
115	58.3	52.6	79.0

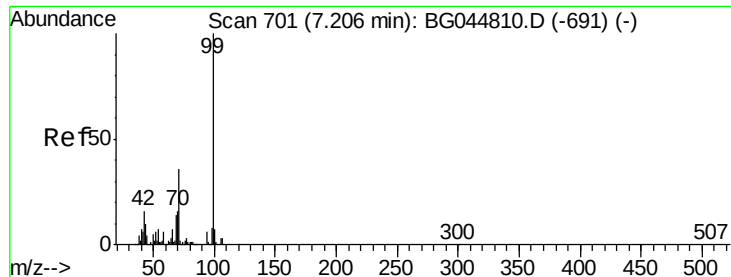


#5

2-Fluorophenol
Concen: 106.949 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG044860.D
Acq: 18 Mar 2020 10:59

Tgt Ion	112	Resp	630360
Ion Ratio	Lower	Upper	
112	100		
64	64.6	53.4	80.2
63	36.3	29.4	44.2





#7

Phenol-d6

Concen: 94.428 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044860.D

Acq: 18 Mar 2020 10:59

Instrument :

BNA_G

ClientSampleId :

72-12002

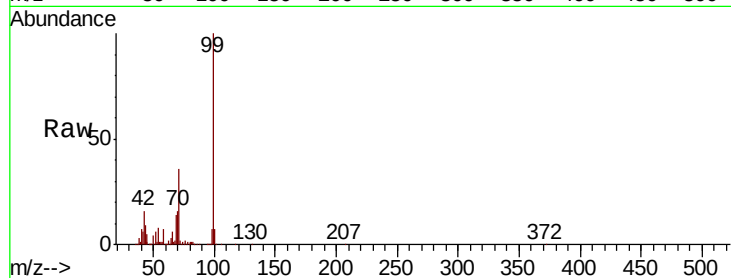
Tot Ion: 99 Resp: 808650

Ion Ratio Lower Upper

99 100

42 16.1 12.6 19.0

71 35.6 29.0 43.4

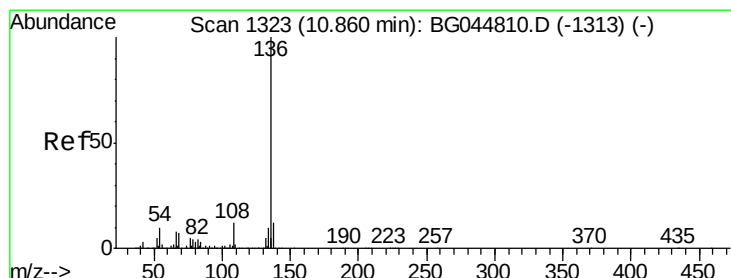
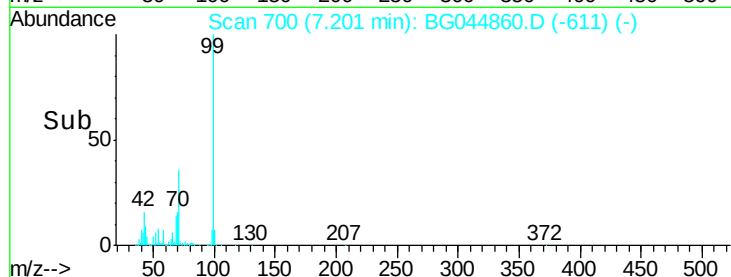
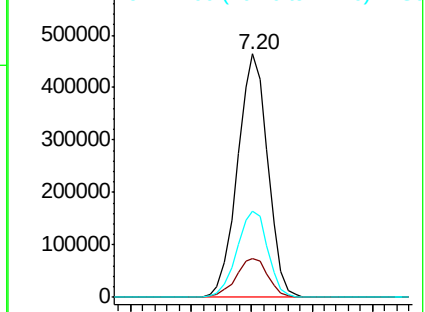


Abundance

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: BG044860.D

Acq: 18 Mar 2020 10:59

Tgt Ion: 136 Resp: 350700

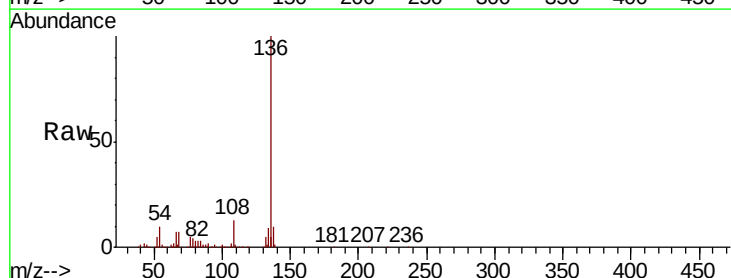
Ion Ratio Lower Upper

136 100

137 10.0 9.8 14.6

54 10.2 7.9 11.9

68 6.5 5.4 8.0



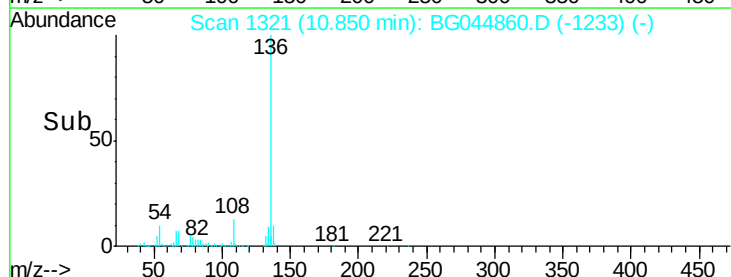
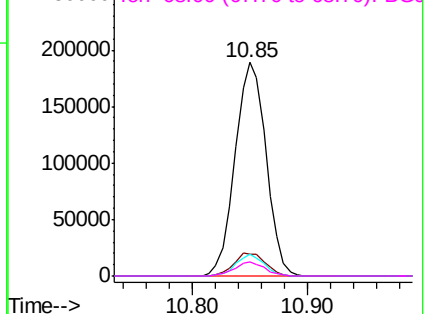
Abundance

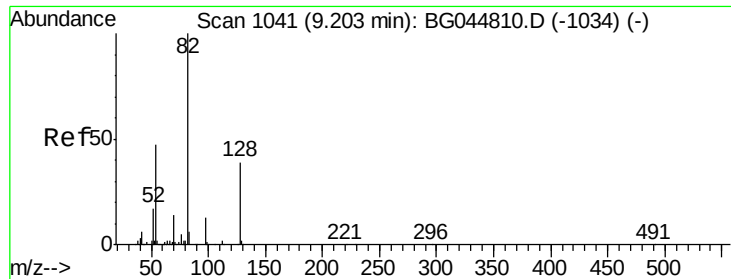
Ion 136.00 (135.70 to 136.70): BGC

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

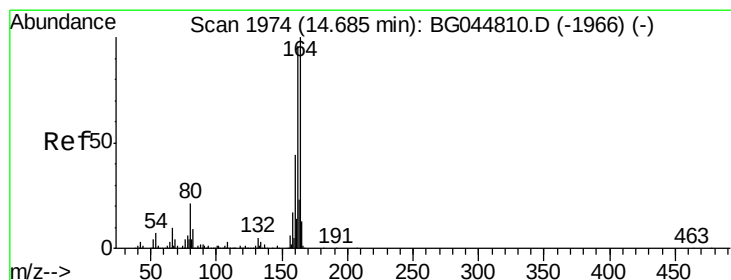
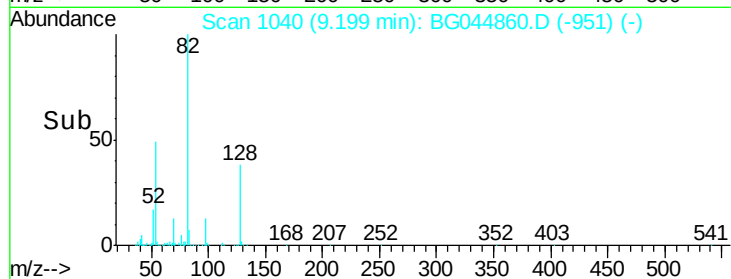
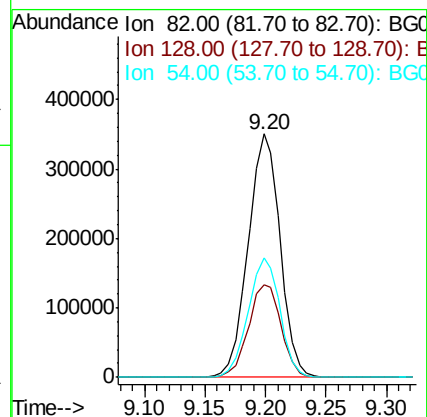
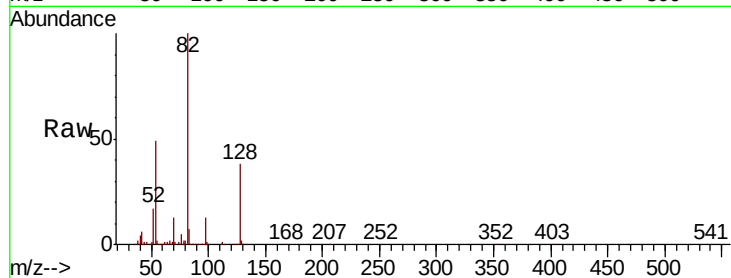




#23
 Nitrobenzene-d5
 Concen: 80.603 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044860.D
 Acq: 18 Mar 2020 10:59

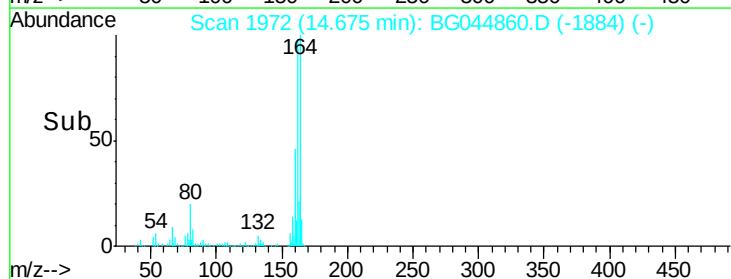
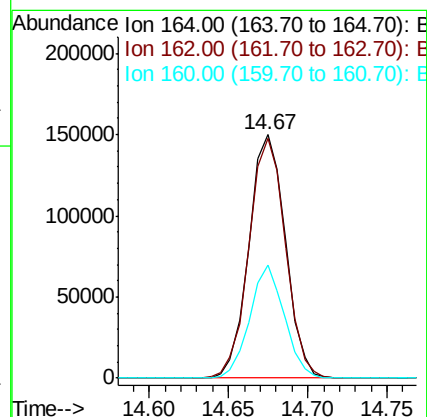
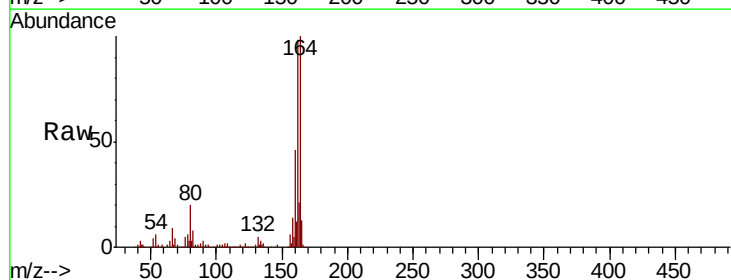
Instrument :
 BNA_G
 ClientSampleId :
 72-12002

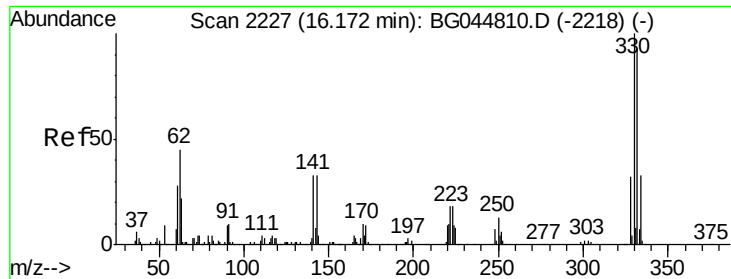
Tot Ion: 82 Resp: 644182
 Ion Ratio Lower Upper
 82 100
 128 37.9 30.6 46.0
 54 49.3 37.1 55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044860.D
 Acq: 18 Mar 2020 10:59

Tgt Ion: 164 Resp: 239409
 Ion Ratio Lower Upper
 164 100
 162 98.3 76.7 115.1
 160 46.5 35.0 52.4

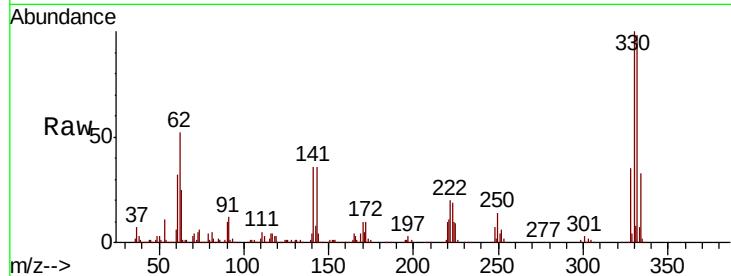




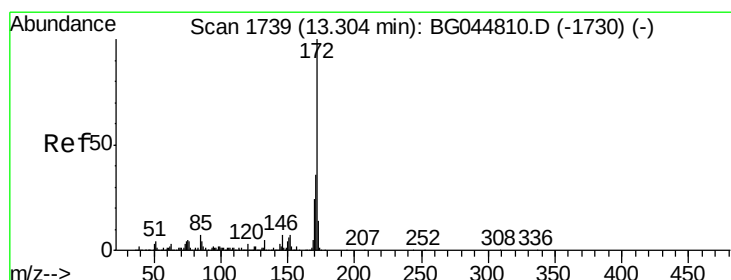
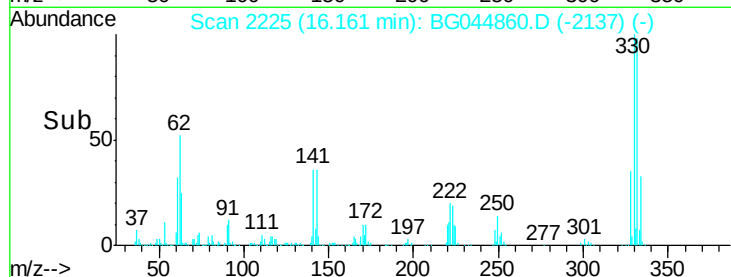
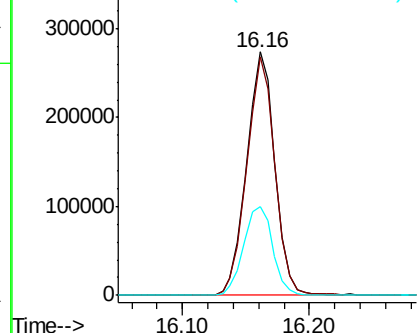
#42
 2,4,6-Tribromophenol
 Concen: 134.969 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG044860.D
 Acq: 18 Mar 2020 10:59

Instrument :
 BNA_G
 ClientSampleId :
 72-12002

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.8	116.6
141	38.0	29.5	44.3

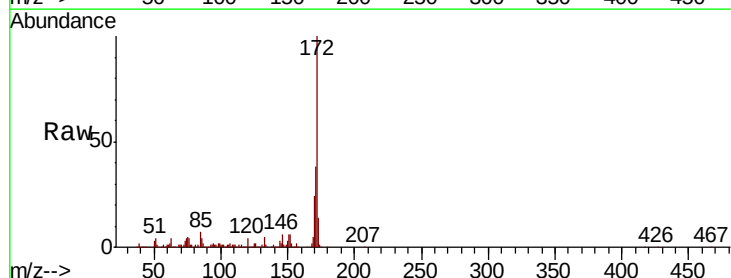


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

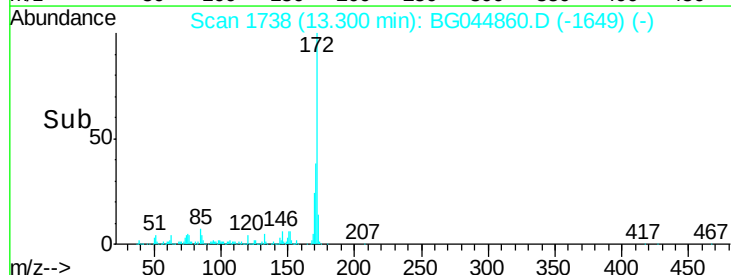
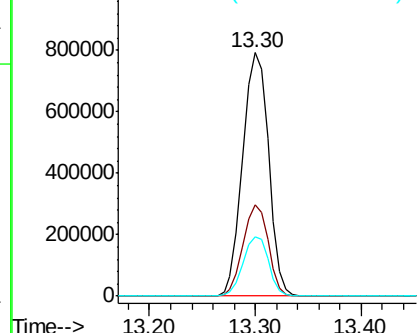


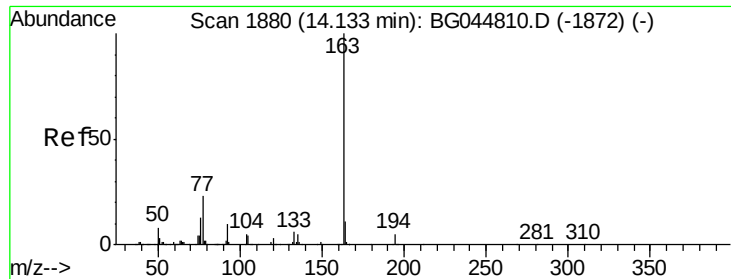
#45
 2-Fluorobiphenyl
 Concen: 80.407 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG044860.D
 Acq: 18 Mar 2020 10:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.7	43.1
170	24.3	19.0	28.6



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

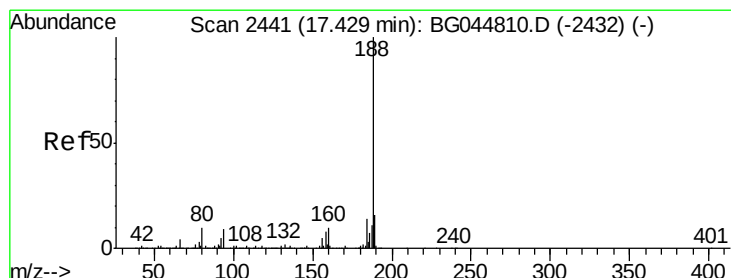
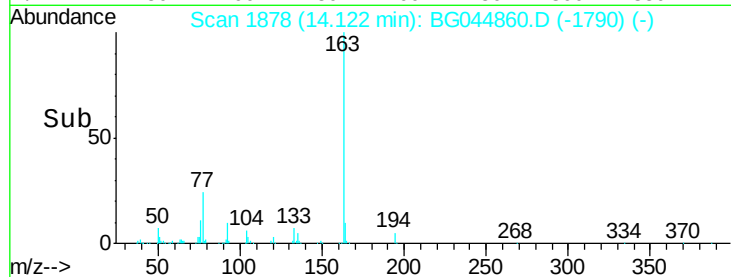
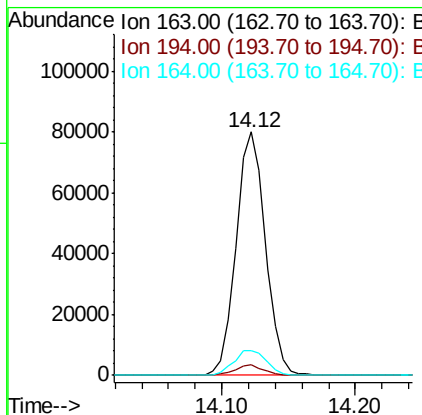
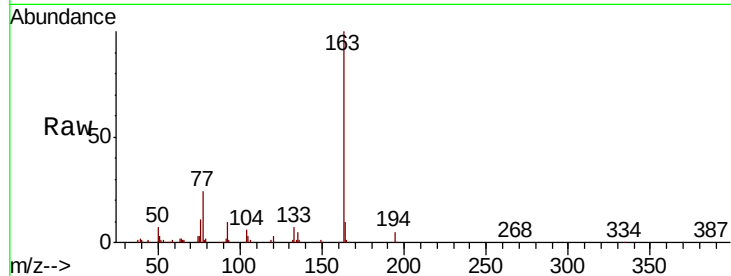




#50
Dimethylphthalate
Concen: 6.384 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG044860.D
Acq: 18 Mar 2020 10:59

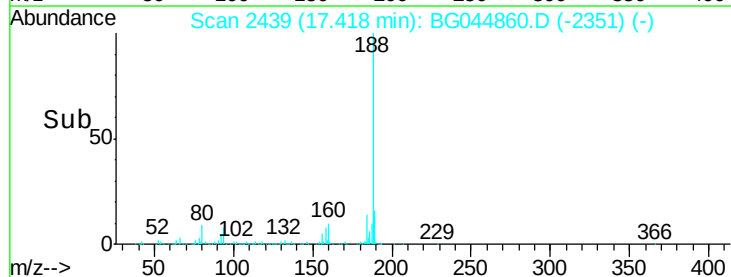
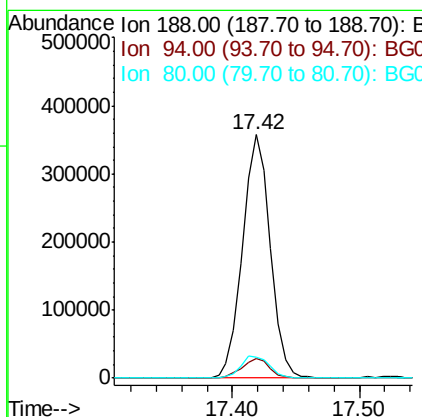
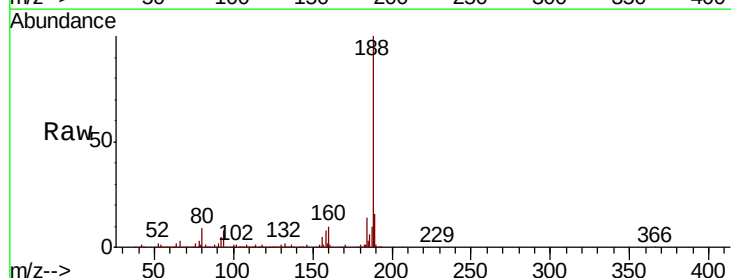
Instrument :
BNA_G
ClientSampled :
72-12002

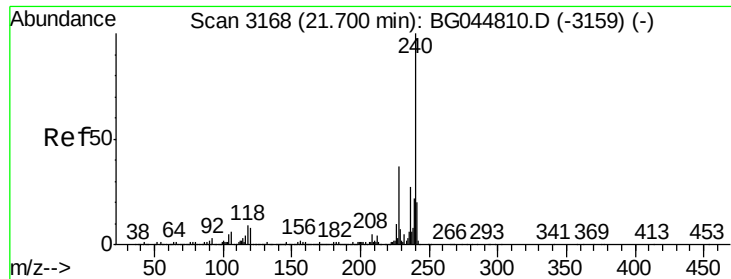
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	10.1	9.1	13.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044860.D
Acq: 18 Mar 2020 10:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.3	10.9
80	8.8	8.0	12.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG044860.D

Acq: 18 Mar 2020 10:59

Instrument :

BNA_G

ClientSampleId :

72-12002

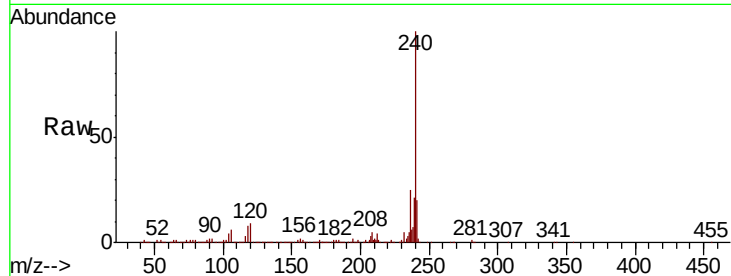
Tot Ion:240 Resp: 485592

Ion Ratio Lower Upper

240 100

120 9.0 6.7 10.1

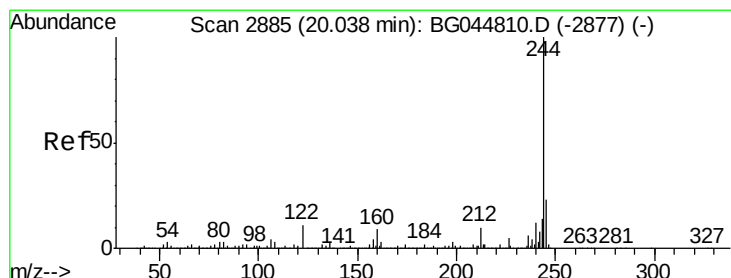
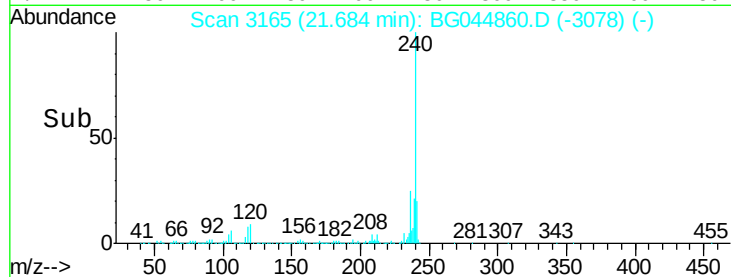
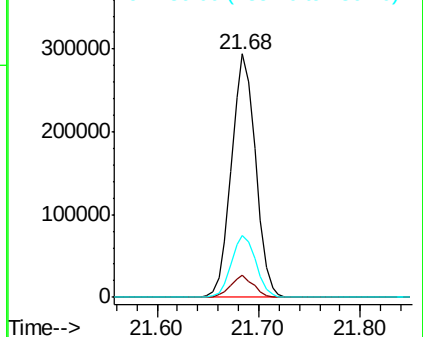
236 25.3 21.5 32.3



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: 83.481 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG044860.D

Acq: 18 Mar 2020 10:59

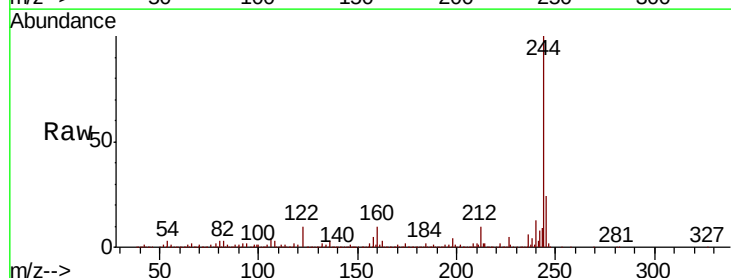
Tgt Ion:244 Resp: 2167157

Ion Ratio Lower Upper

244 100

212 9.8 7.7 11.5

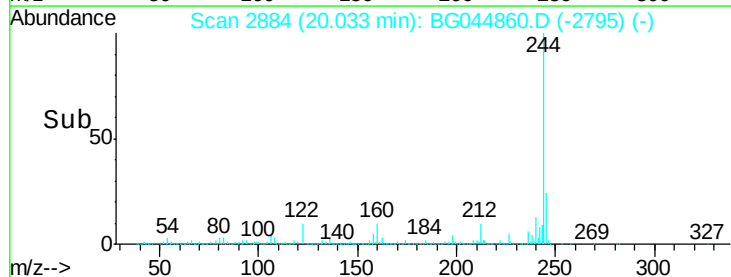
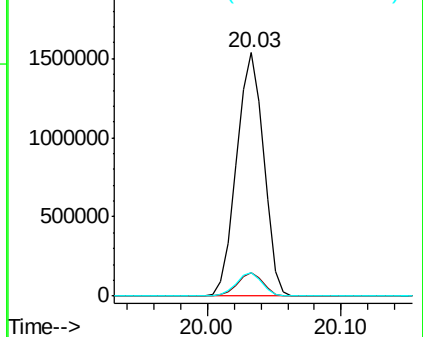
122 9.7 8.6 12.8

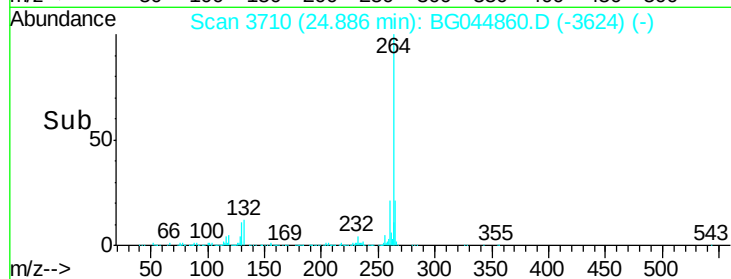
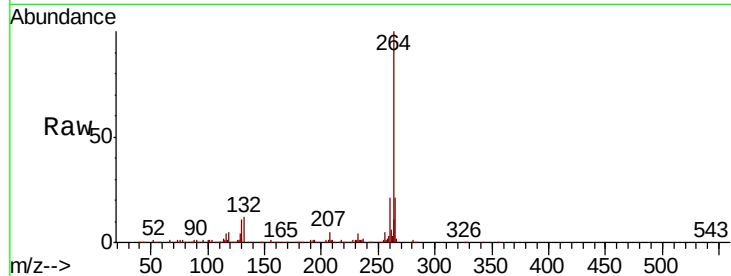
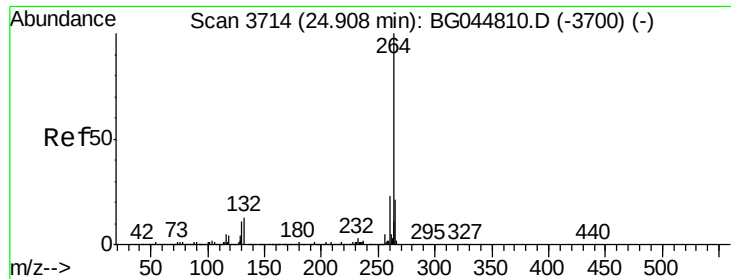


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3710

Delta R.T. -0.02 min

Lab File: BG044860.D

Acq: 18 Mar 2020 10:59

Instrument :

BNA_G

ClientSampleId :

72-12002

Tot Ion:264 Resp: 552697

Ion Ratio Lower Upper

264 100

260 21.3 18.1 27.1

265 21.4 17.1 25.7

