

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
 Data File : BG044848.D
 Acq On : 18 Mar 2020 1:07
 Operator : CG/JU
 Sample : L1917-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-5

Quant Time: Mar 18 03:54:04 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

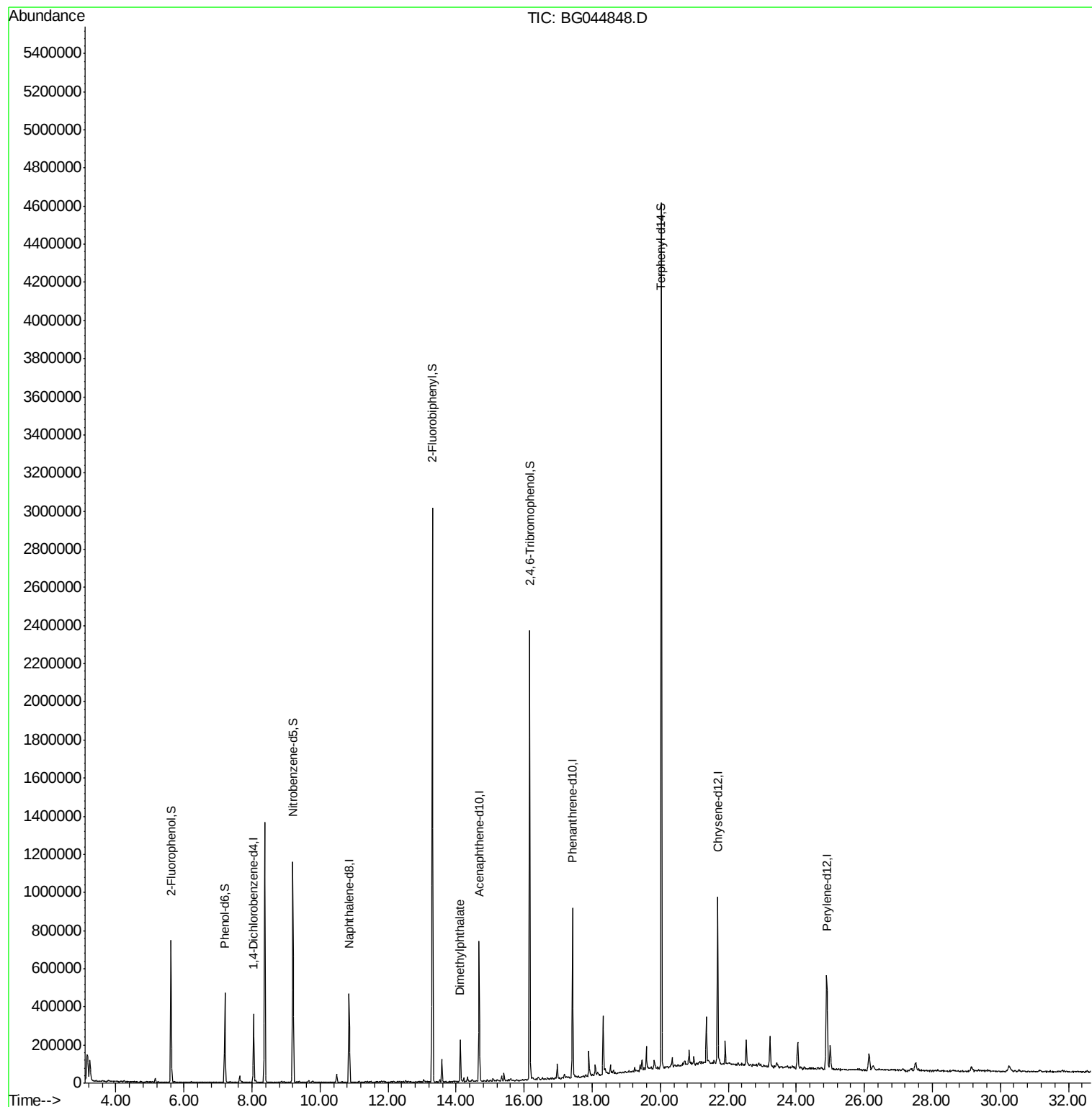
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	98732	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	399005	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	263474	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	567978	20.00	ng	0.00
76) Chrysene-d12	21.69	240	473764	20.00	ng	-0.01
87) Perylene-d12	24.89	264	556697	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	331712	52.30	ng	0.00
7) Phenol-d6	7.20	99	289280	31.39	ng	0.00
23) Nitrobenzene-d5	9.20	82	753161	82.83	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	485417	140.71	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1571179	85.40	ng	0.00
79) Terphenyl-d14	20.03	244	2162444	85.38	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	144475	6.885	ng	Qvalue 99

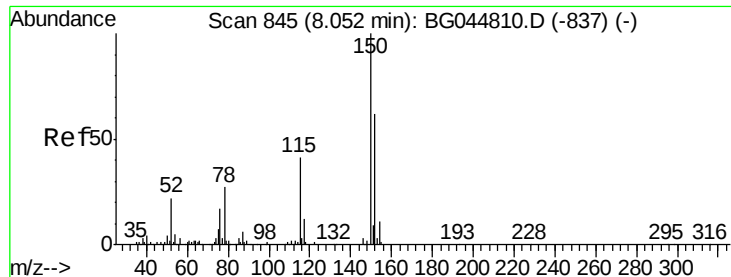
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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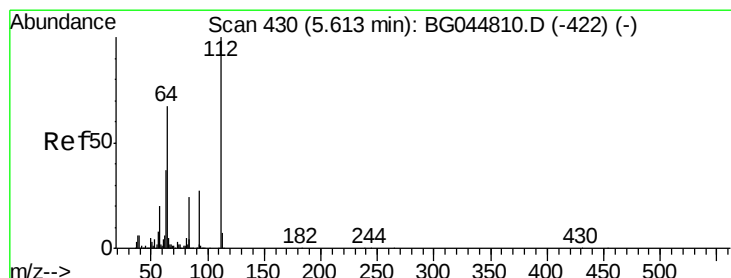
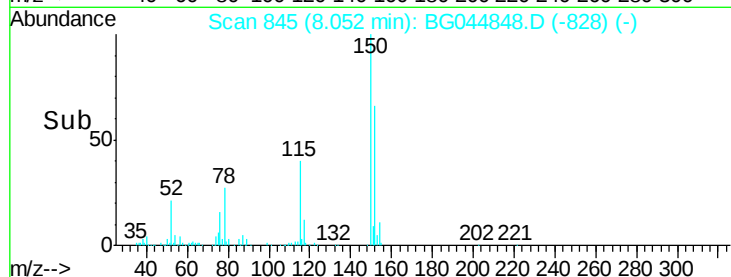
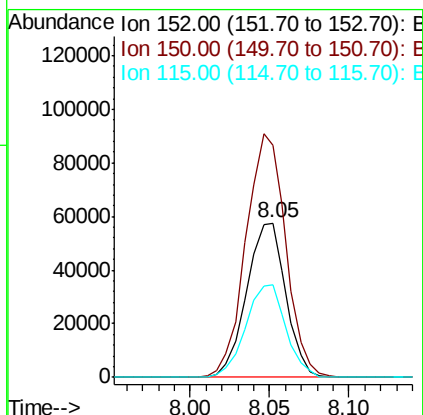
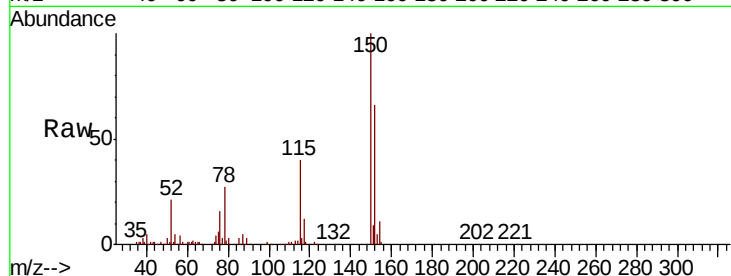


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. 0.00 min
Lab File: BG044848.D
Acq: 18 Mar 2020 1:07

Instrument :
BNA_G
ClientSampleId :
MH-5

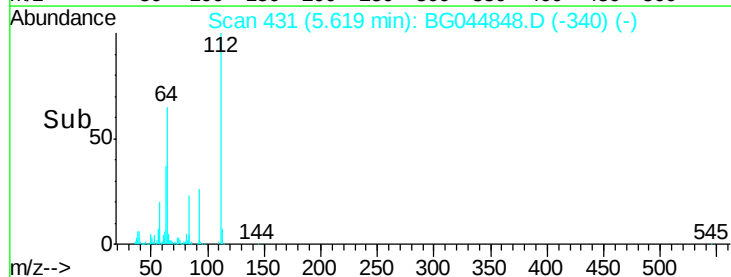
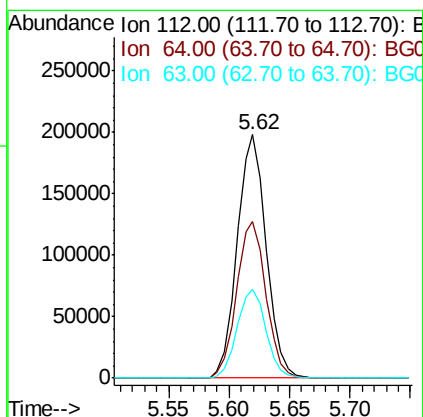
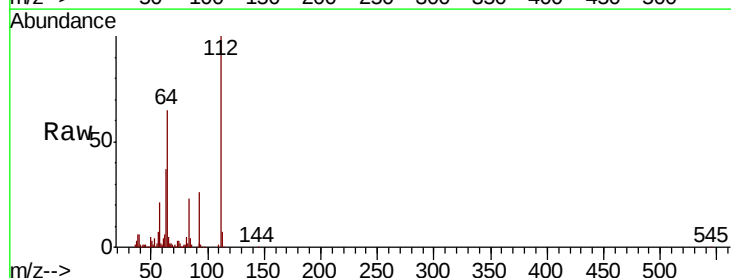
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	128.8	193.2
115	59.9	52.6	79.0

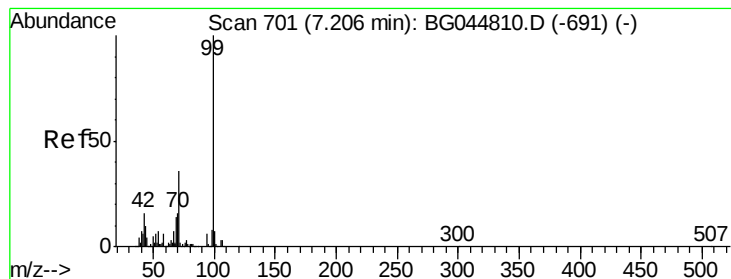


#5

2-Fluorophenol
Concen: 52.301 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG044848.D
Acq: 18 Mar 2020 1:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	53.4	80.2
63	36.6	29.4	44.2





#7

Phenol-d6

Concen: 31.392 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044848.D

Acq: 18 Mar 2020 1:07

Instrument :

BNA_G

ClientSampleId :

MH-5

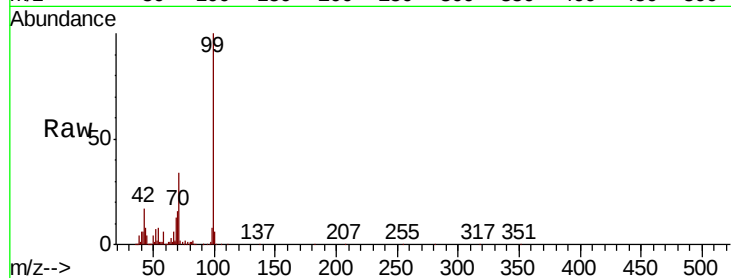
Tot Ion: 99 Resp: 289280

Ion Ratio Lower Upper

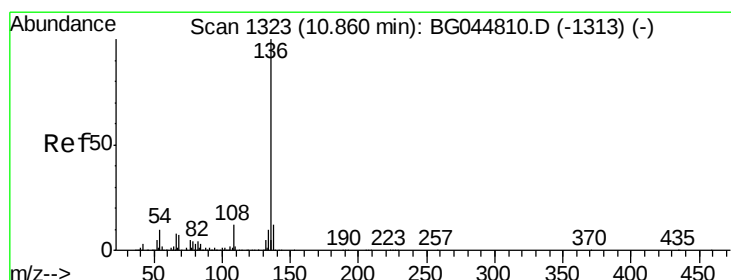
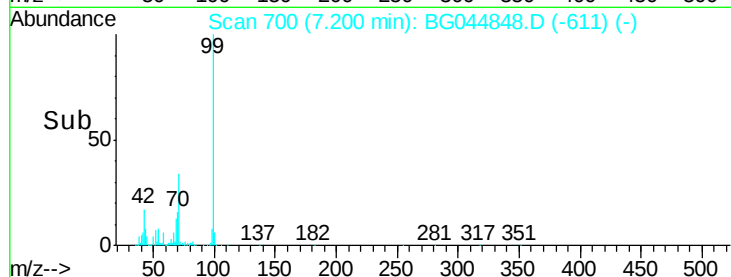
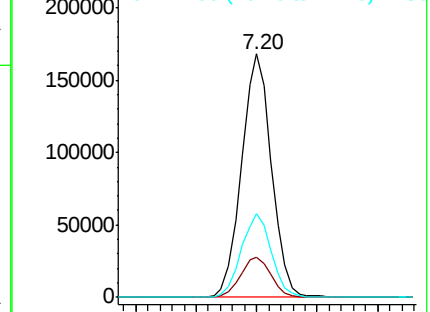
99 100

42 16.6 12.6 19.0

71 34.2 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# 1322

Delta R.T. -0.01 min

Lab File: BG044848.D

Acq: 18 Mar 2020 1:07

Tgt Ion: 136 Resp: 399005

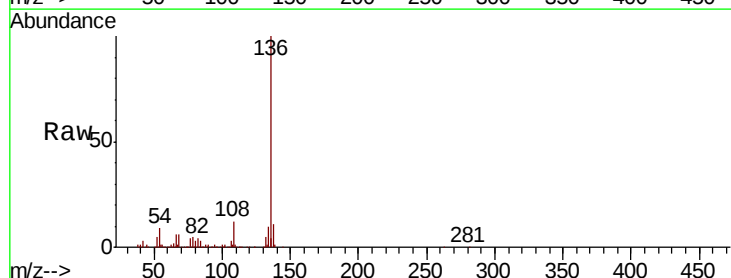
Ion Ratio Lower Upper

136 100

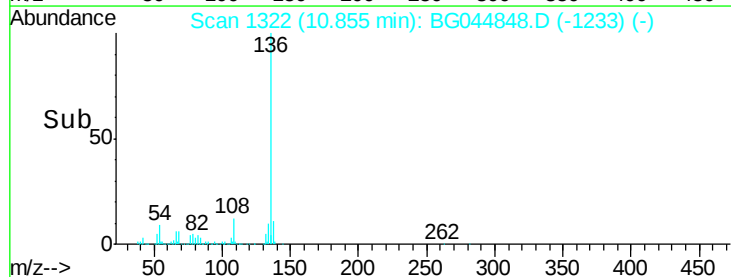
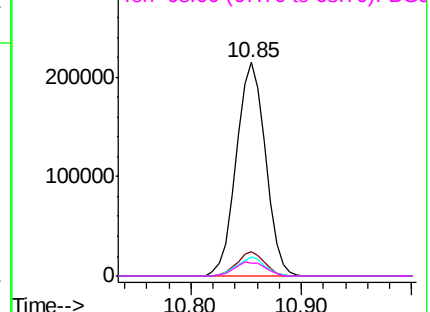
137 11.2 9.8 14.6

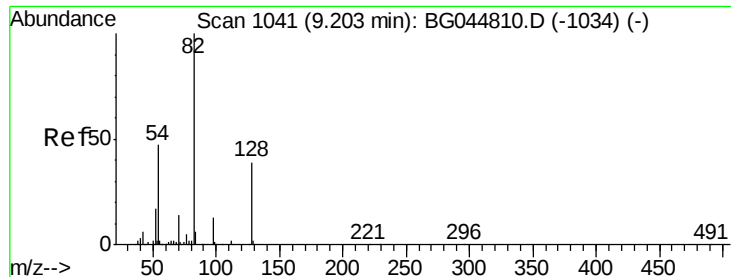
54 9.0 7.9 11.9

68 6.1 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

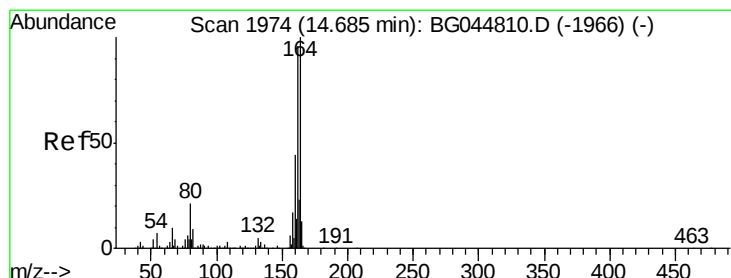
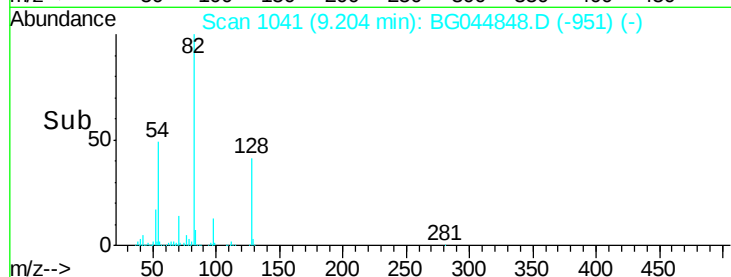
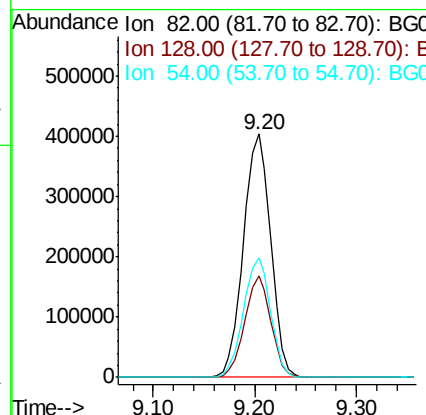
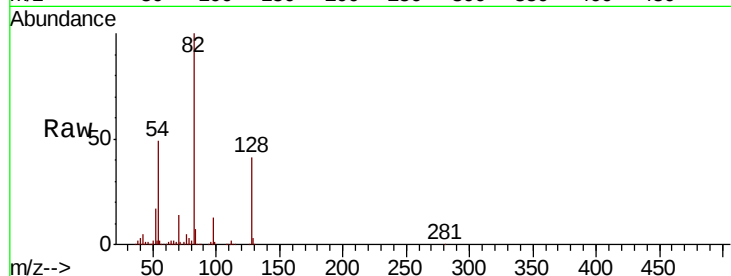




#23
 Nitrobenzene-d5
 Concen: 82.830 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG044848.D
 Acq: 18 Mar 2020 1:07

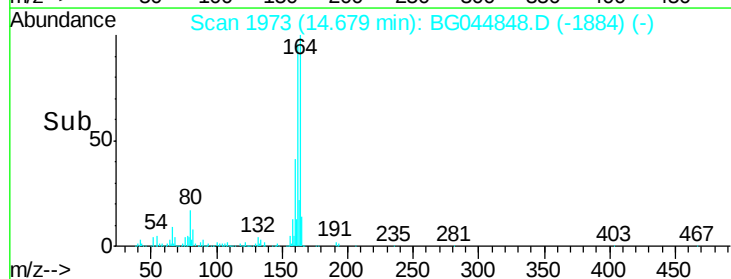
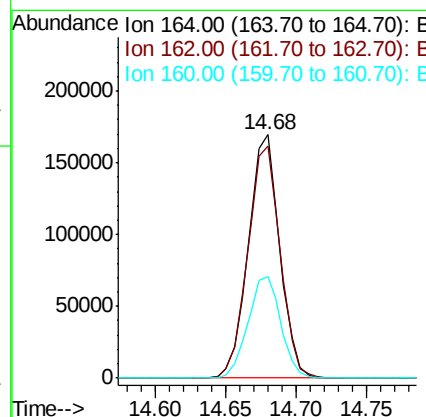
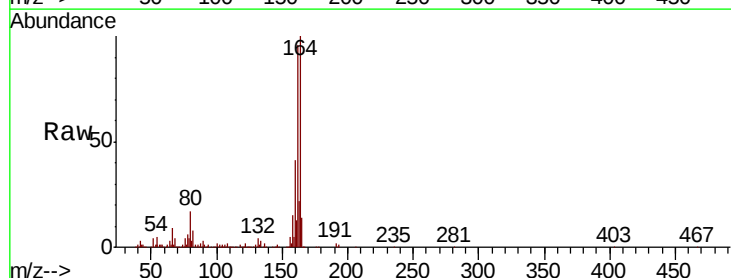
Instrument :
 BNA_G
 ClientSampleId :
 MH-5

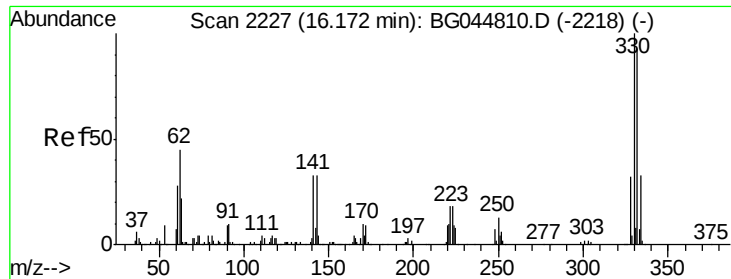
Tot Ion	82	Resp	753161
Ion Ratio	Lower	Upper	
82	100		
128	41.5	30.6	46.0
54	49.2	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BG044848.D
 Acq: 18 Mar 2020 1:07

Tgt Ion	164	Resp	263474
Ion Ratio	Lower	Upper	
164	100		
162	95.6	76.7	115.1
160	41.4	35.0	52.4

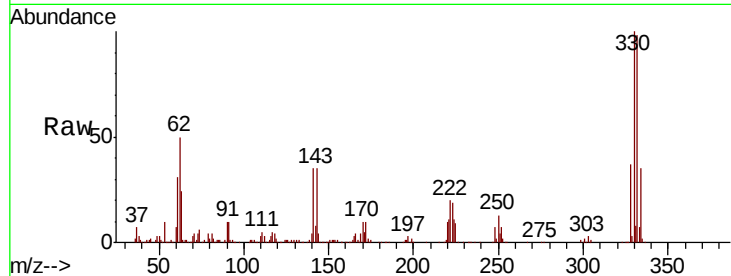




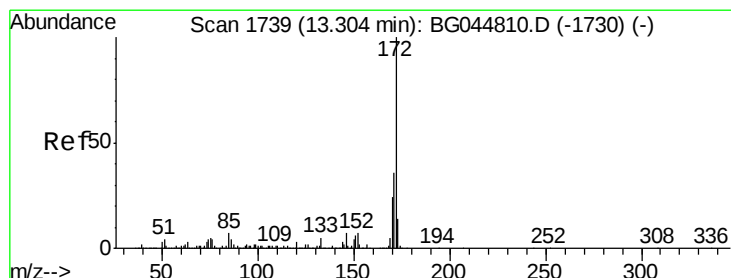
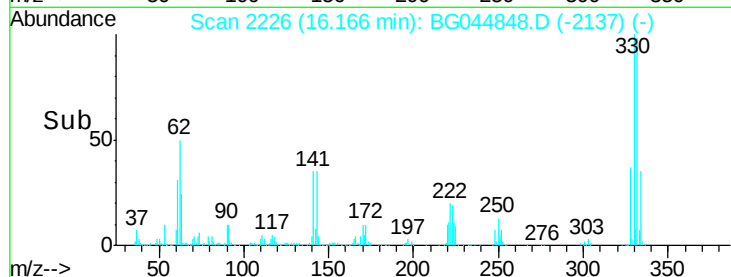
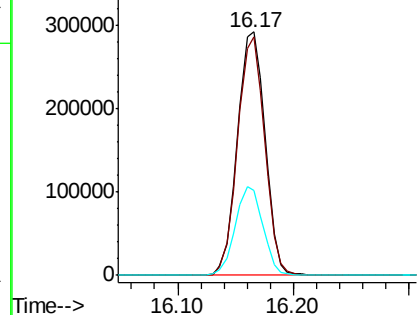
#42
 2,4,6-Tribromophenol
 Concen: 140.709 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BG044848.D
 Acq: 18 Mar 2020 1:07

Instrument :
 BNA_G
 ClientSampleId :
 MH-5

Tot Ion:330 Resp: 485417
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.8 116.6
 141 36.4 29.5 44.3

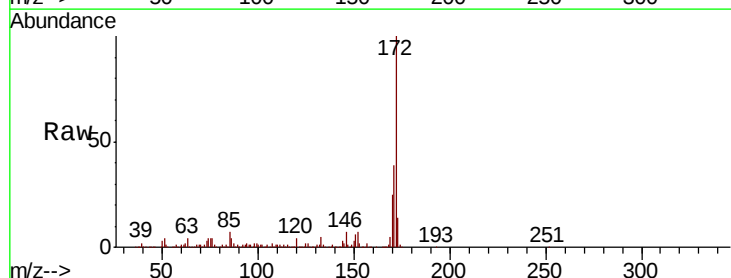


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

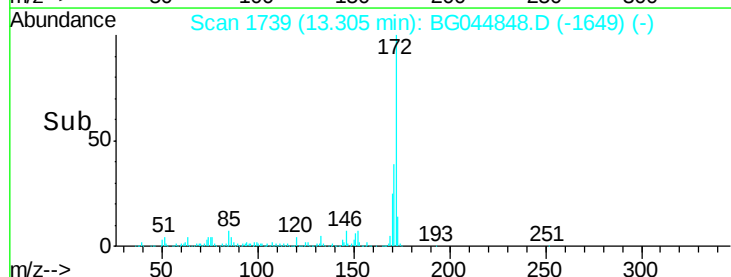
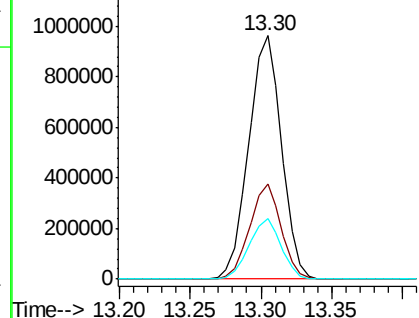


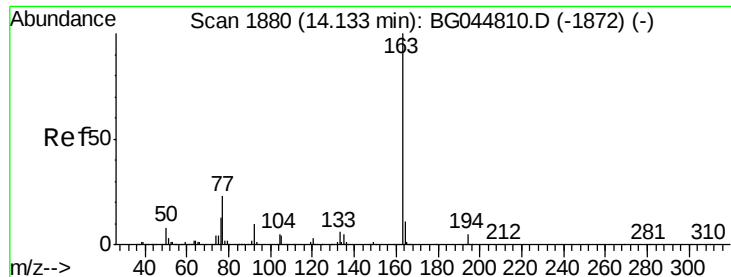
#45
 2-Fluorobiphenyl
 Concen: 85.397 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. 0.00 min
 Lab File: BG044848.D
 Acq: 18 Mar 2020 1:07

Tgt Ion:172 Resp: 1571179
 Ion Ratio Lower Upper
 172 100
 171 38.8 28.7 43.1
 170 25.1 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: 6.885 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG044848.D

Acq: 18 Mar 2020 1:07

Instrument :

BNA_G

ClientSampleId :

MH-5

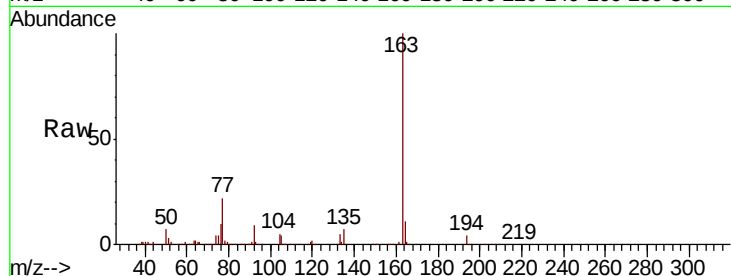
Tot Ion:163 Resp: 144475

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

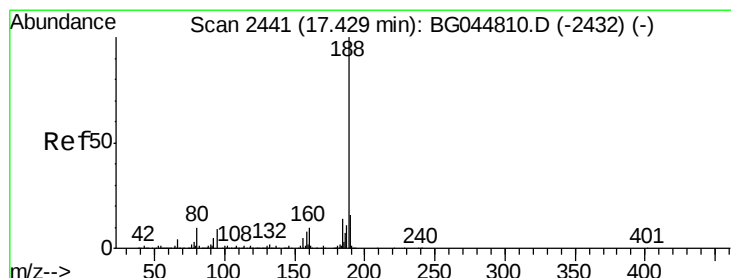
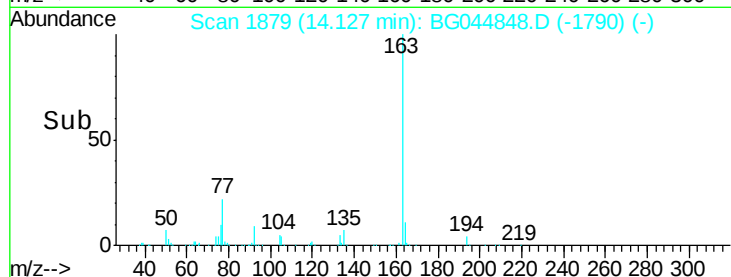
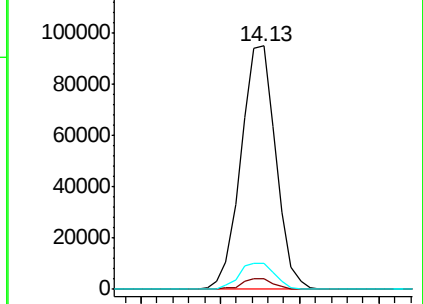
164 10.8 9.1 13.7



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: 17.42 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG044848.D

Acq: 18 Mar 2020 1:07

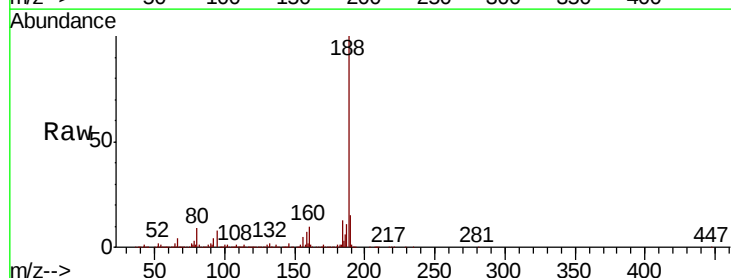
Tgt Ion:188 Resp: 567978

Ion Ratio Lower Upper

188 100

94 8.1 7.3 10.9

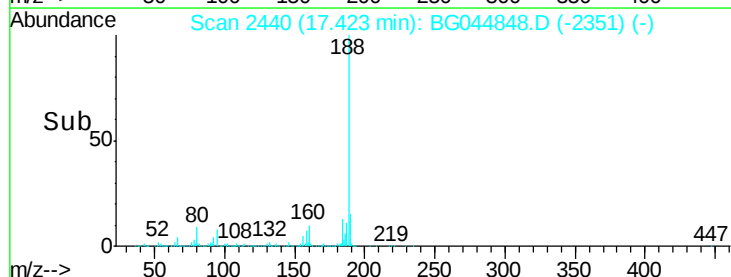
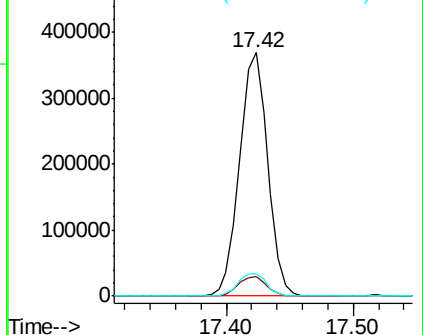
80 9.3 8.0 12.0

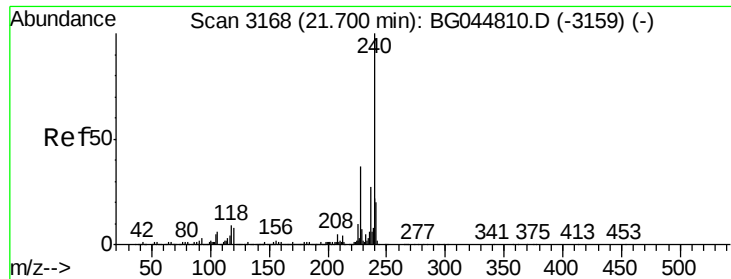


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

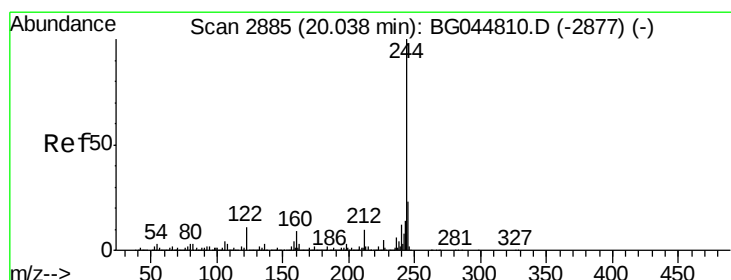
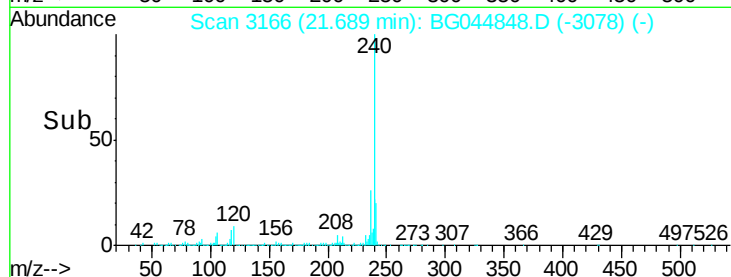
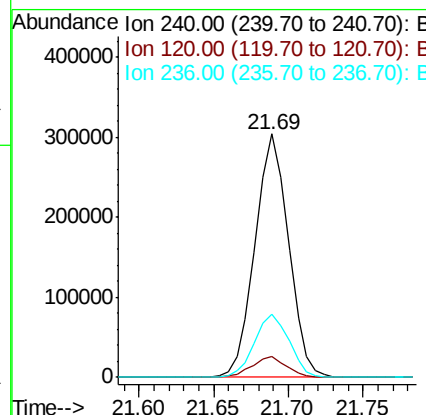
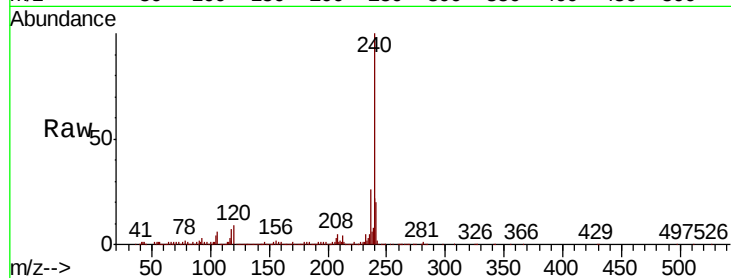




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG044848.D
Acq: 18 Mar 2020 1:07

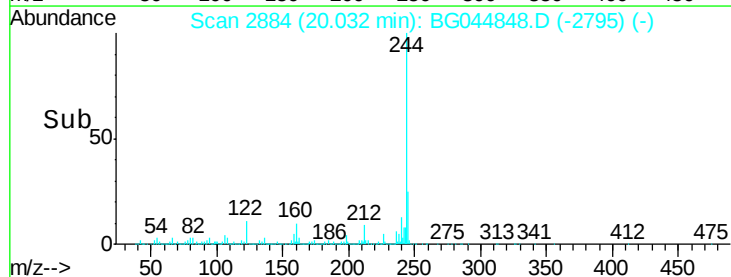
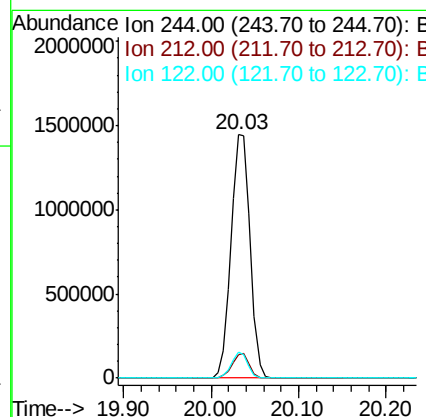
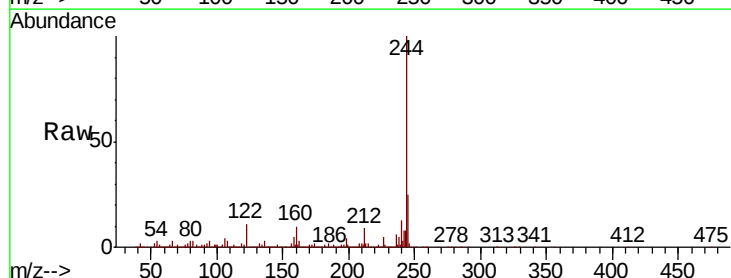
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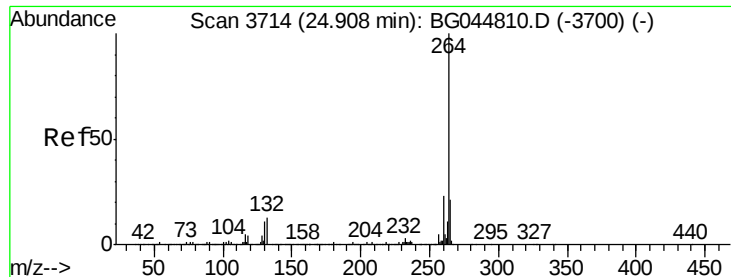
Tot Ion:240 Resp: 473764
Ion Ratio Lower Upper
240 100
120 8.8 6.7 10.1
236 26.1 21.5 32.3



#79
Terphenyl-d14
Concen: 85.379 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG044848.D
Acq: 18 Mar 2020 1:07

Tgt Ion:244 Resp: 2162444
Ion Ratio Lower Upper
244 100
212 9.4 7.7 11.5
122 10.7 8.6 12.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG044848.D
Acq: 18 Mar 2020 1:07

Instrument :
BNA_G
ClientSampleId :
MH-5

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.0	18.1	27.1	
265	21.9	17.1	25.7	

