

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
 Data File : BG044110.D
 Acq On : 20 Jan 2020 22:56
 Operator : JU
 Sample : L1184-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-720-(SETTLED)

Quant Time: Jan 21 07:16:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

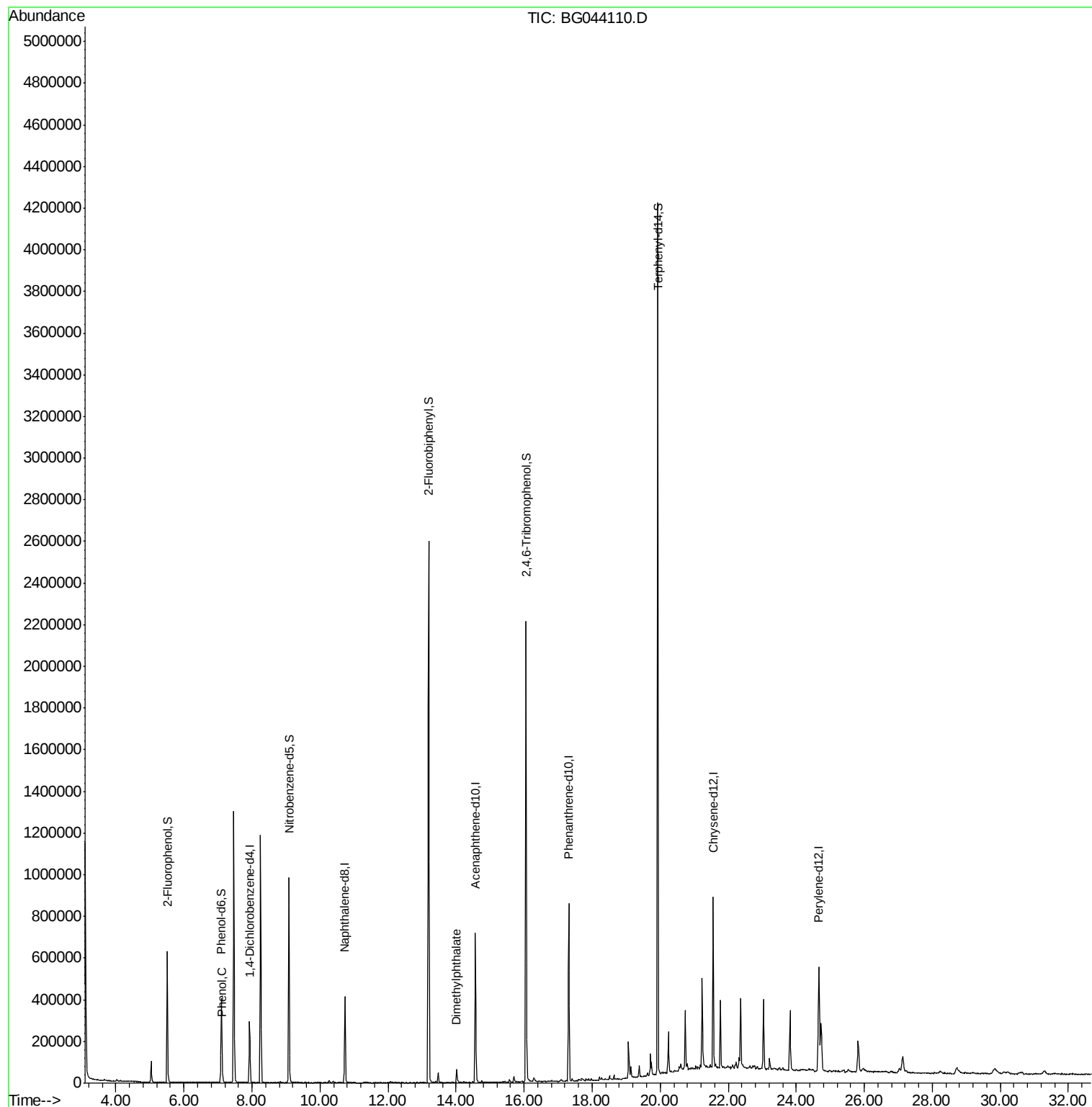
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	84884	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	376920	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	252993	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	545471	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	470299	20.00	ng	-0.03
87) Perylene-d12	24.67	264	518991	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	306923	66.39	ng	-0.03
7) Phenol-d6	7.10	99	268469	41.54	ng	-0.02
23) Nitrobenzene-d5	9.09	82	613346	87.05	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	420737	158.92	ng	-0.02
45) 2-Fluorobiphenyl	13.19	172	1398921	100.18	ng	-0.03
79) Terphenyl-d14	19.93	244	1880161	101.18	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	30198	4.536	ng	97
50) Dimethylphthalate	14.02	163	48614	2.706	ng	96

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

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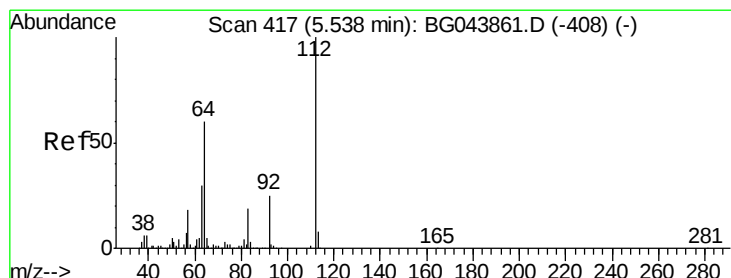
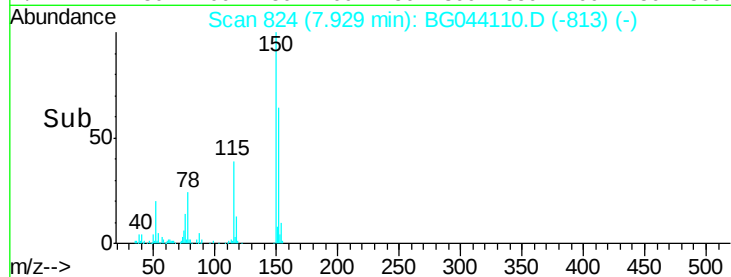
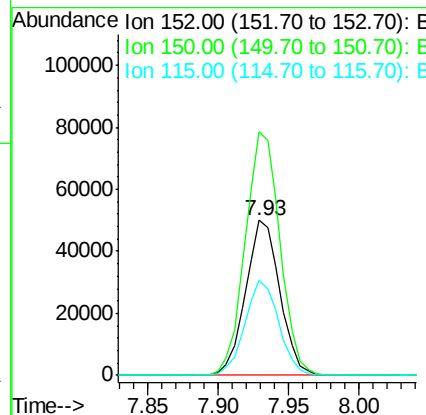
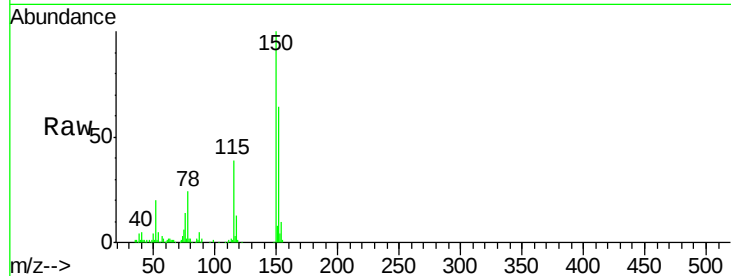


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044110.D
Acq: 20 Jan 2020 22:56

Instrument :
BNA_G
ClientSampleId :
MH-720-(SETTLED)

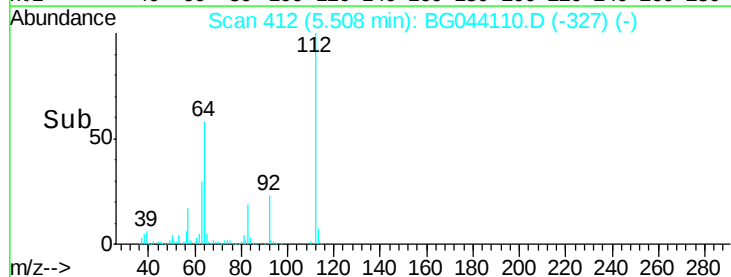
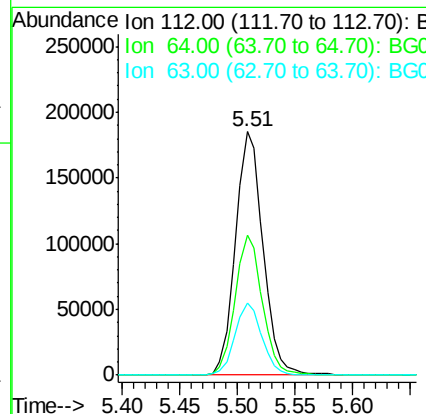
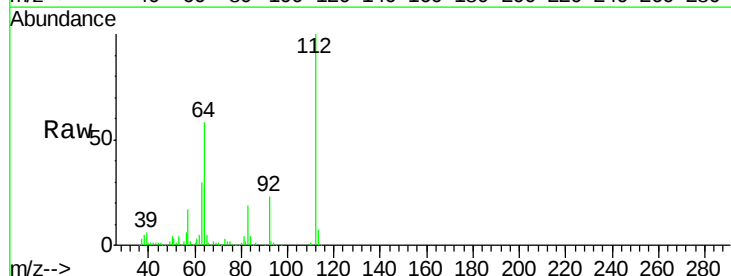
Tot Ion:152 Resp: 84884
Ion Ratio Lower Upper
152 100
150 157.1 127.0 190.4
115 61.4 47.8 71.8

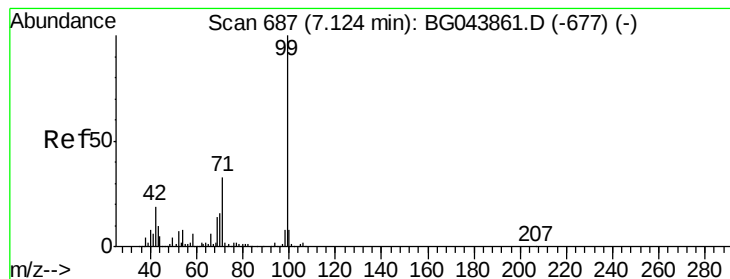


#5

2-Fluorophenol
Concen: 66.390 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044110.D
Acq: 20 Jan 2020 22:56

Tgt Ion:112 Resp: 306923
Ion Ratio Lower Upper
112 100
64 57.5 47.8 71.6
63 29.7 24.3 36.5





#7

Phenol-d6

Concen: 41.545 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044110.D

Acq: 20 Jan 2020 22:56

Instrument :

BNA_G

ClientSampleId :

MH-720-(SETTLED)

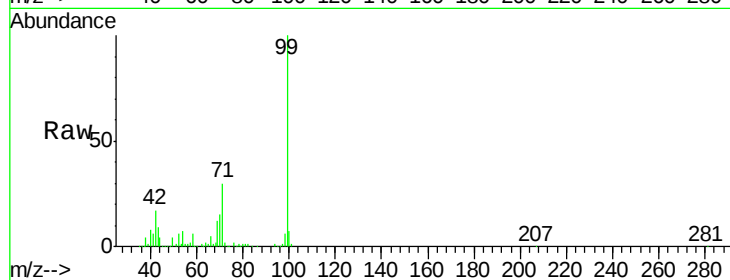
Tot Ion: 99 Resp: 268469

Ion Ratio Lower Upper

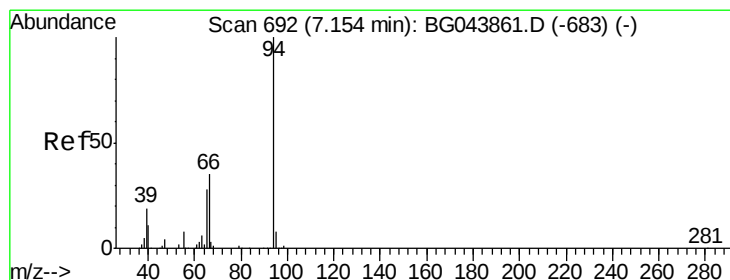
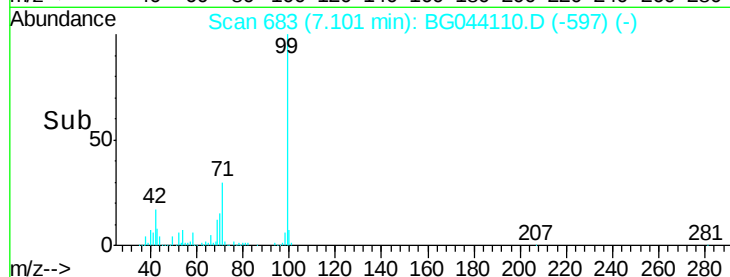
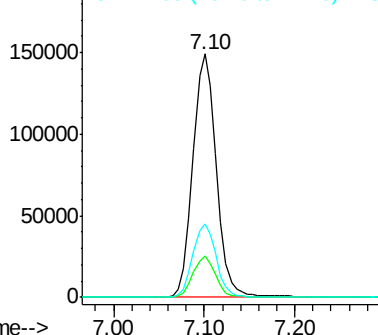
99 100

42 16.9 14.9 22.3

71 30.2 26.4 39.6



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



#10

Phenol

Concen: 4.536 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG044110.D

Acq: 20 Jan 2020 22:56

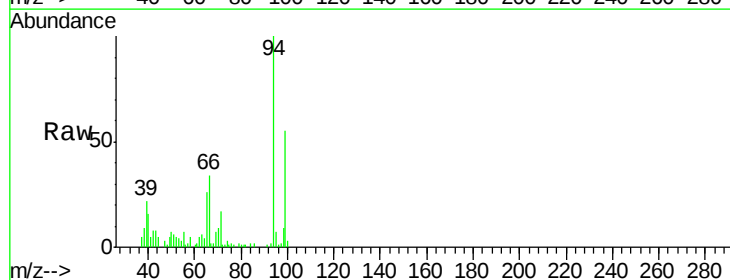
Tgt Ion: 94 Resp: 30198

Ion Ratio Lower Upper

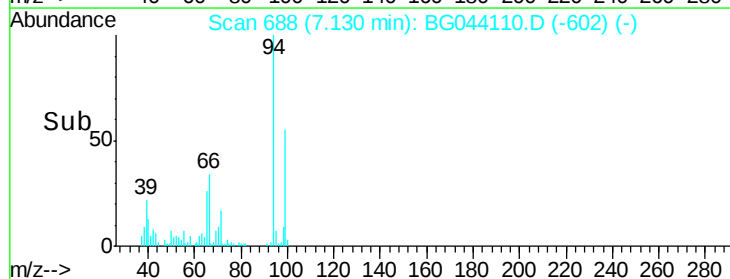
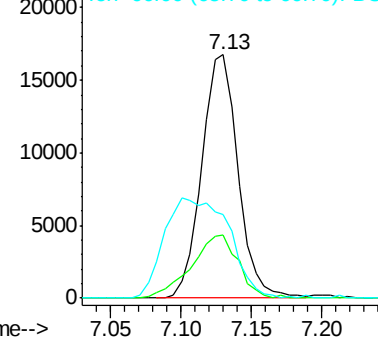
94 100

65 25.7 8.1 48.1

66 34.4 15.6 55.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

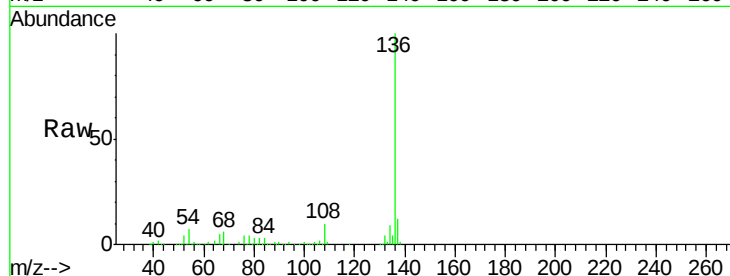




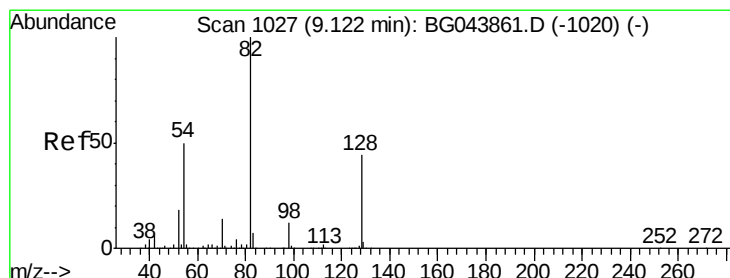
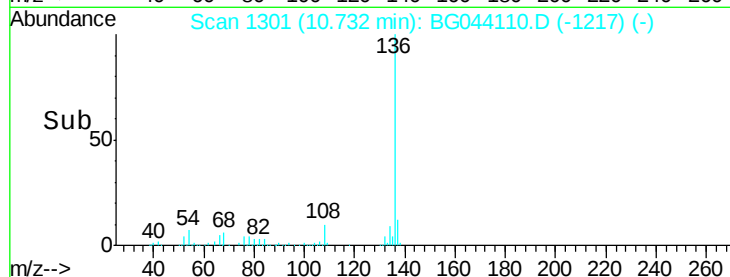
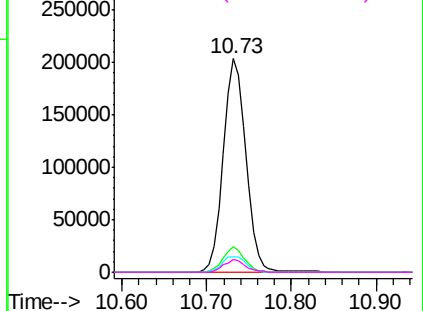
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044110.D
Acq: 20 Jan 2020 22:56

Instrument :
BNA_G
ClientSampleId :
MH-720-(SETTLED)

Tot Ion:136	Resp:	376920	
Ion Ratio	Lower	Upper	
136 100			
137 12.1	8.8	13.2	
54 7.5	7.0	10.4	
68 6.3	4.9	7.3	

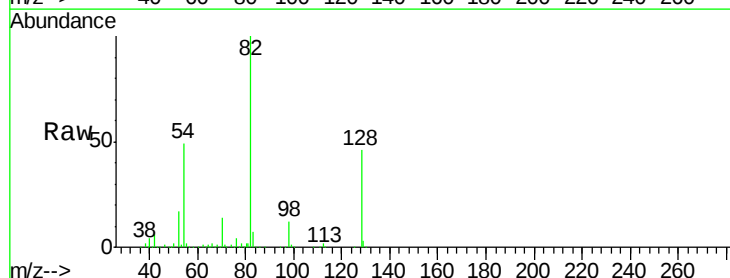


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

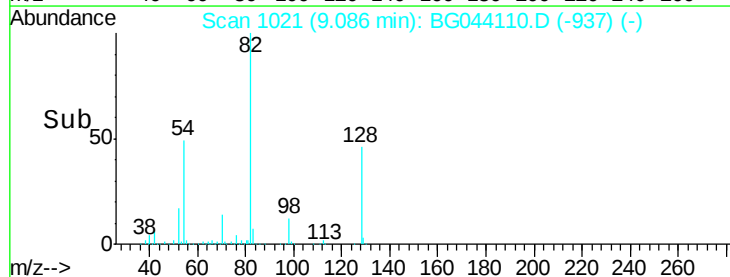
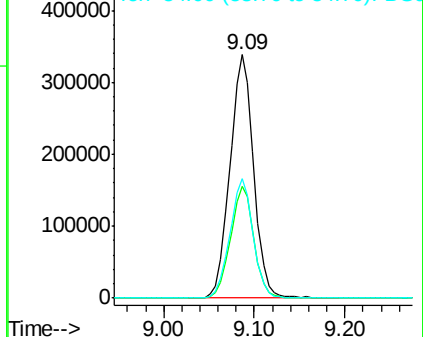


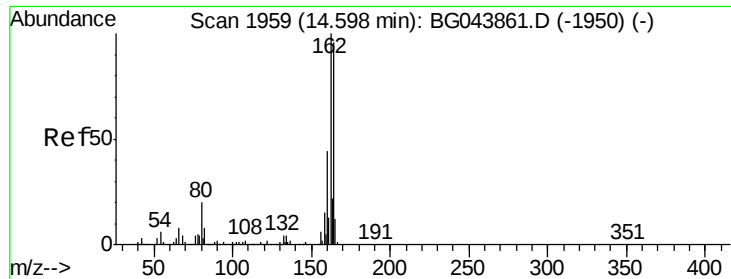
#23
Nitrobenzene-d5
Concen: 87.052 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044110.D
Acq: 20 Jan 2020 22:56

Tgt Ion: 82	Resp: 613346
Ion Ratio	Lower Upper
82 100	
128 46.1	35.1 52.7
54 49.2	40.1 60.1



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044110.D

Acq: 20 Jan 2020 22:56

Instrument :

BNA_G

ClientSampleId :

MH-720-(SETTLED)

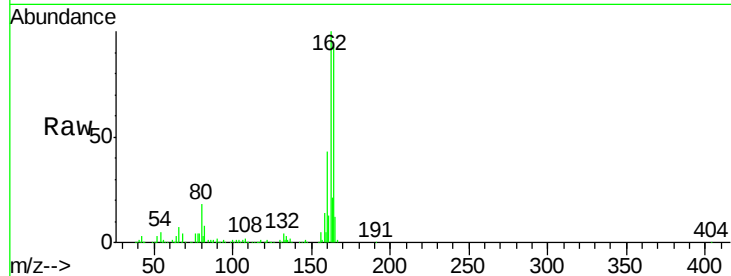
Tot Ion:164 Resp: 252993

Ion Ratio Lower Upper

164 100

162 107.7 83.0 124.4

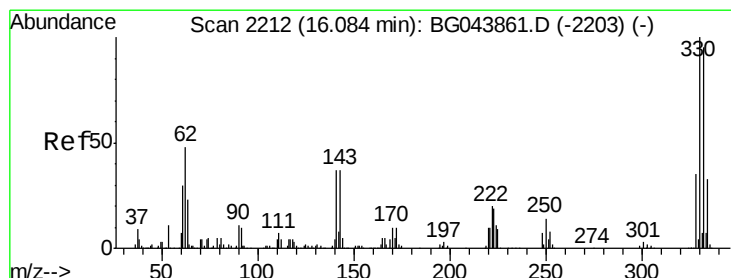
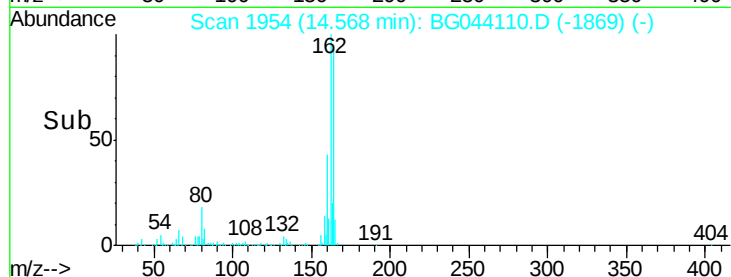
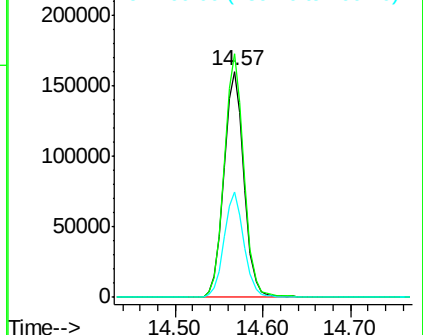
160 46.6 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 158.917 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG044110.D

Acq: 20 Jan 2020 22:56

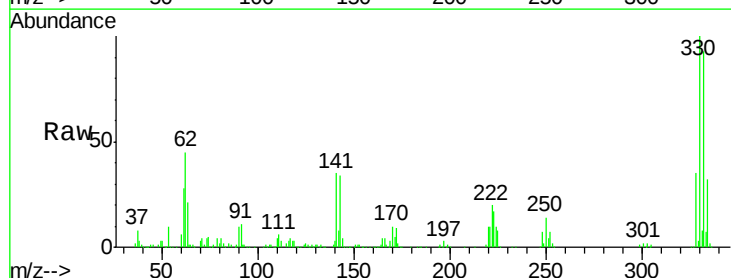
Tgt Ion:330 Resp: 420737

Ion Ratio Lower Upper

330 100

332 95.6 77.2 115.8

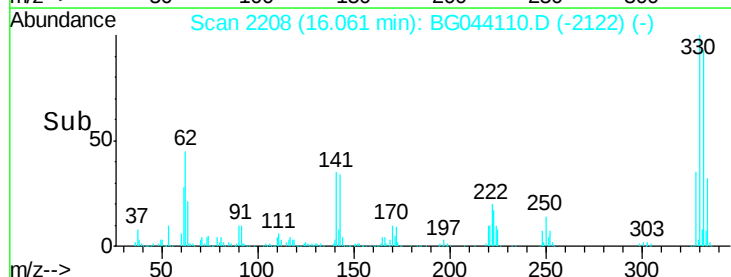
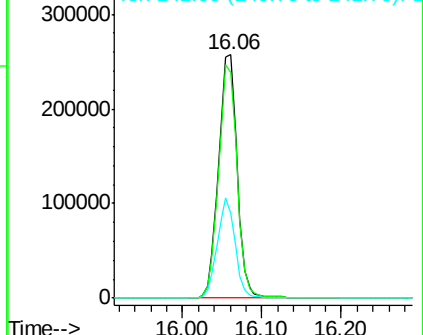
141 39.0 33.1 49.7



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: 100.181 ng

RT: 13.19 min Scan# 1720

Delta R.T. -0.03 min

Lab File: BG044110.D

Acq: 20 Jan 2020 22:56

Instrument :

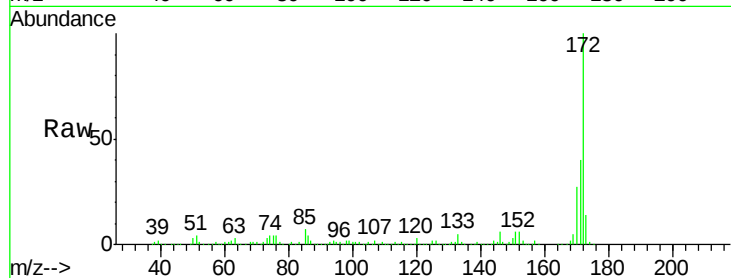
BNA_G

ClientSampleId :

MH-720-(SETTLED)

Tot Ion:172 Resp: 1398921

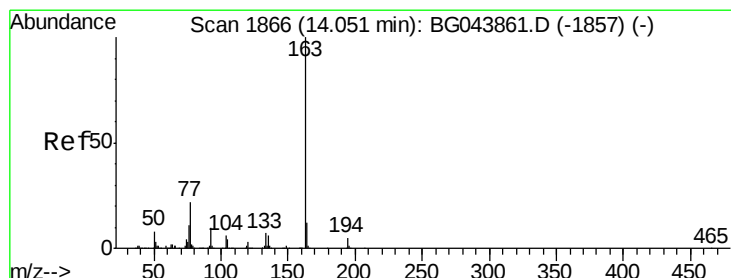
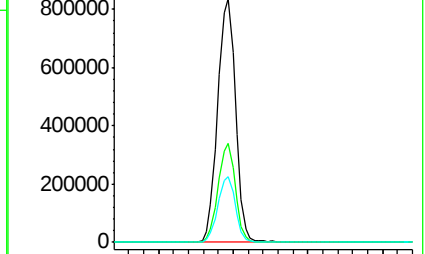
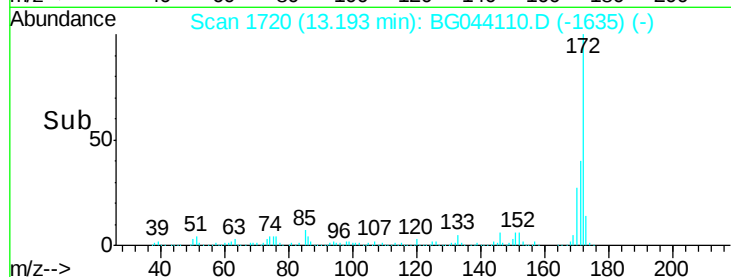
Ion	Ratio	Lower	Upper
172	100		
171	40.5	35.8	53.8
170	26.9	24.2	36.4



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: 2.706 ng

RT: 14.02 min Scan# 1860

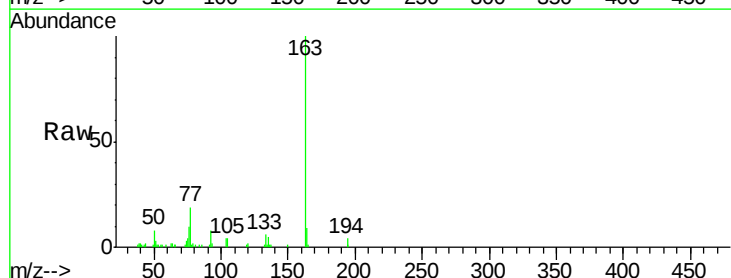
Delta R.T. -0.04 min

Lab File: BG044110.D

Acq: 20 Jan 2020 22:56

Tgt Ion:163 Resp: 48614

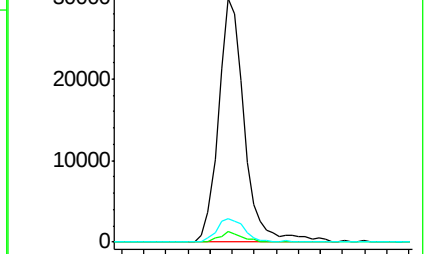
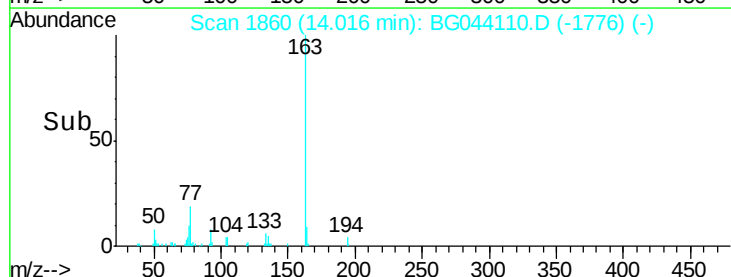
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.7	5.5
164	9.5	9.3	13.9



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: 17.31 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG044110.D

Acq: 20 Jan 2020 22:56

Instrument :

BNA_G

ClientSampleId :

MH-720-(SETTLED)

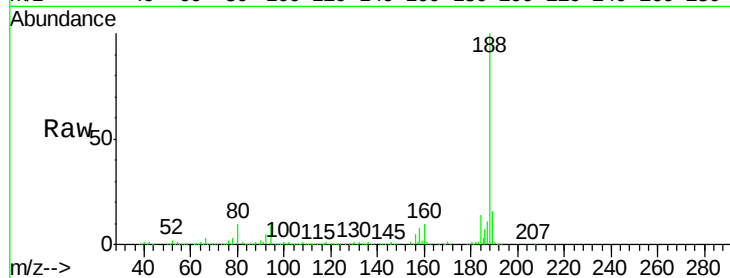
Tot Ion:188 Resp: 545471

Ion Ratio Lower Upper

188 100

94 8.9 7.9 11.9

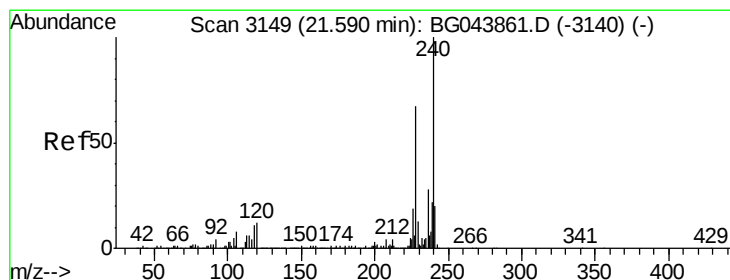
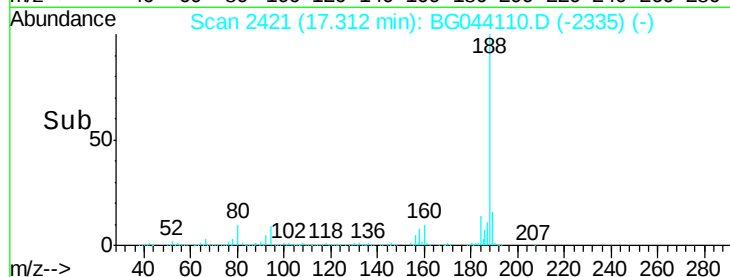
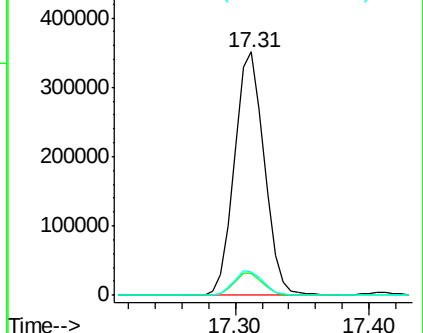
80 9.8 8.2 12.4



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: 21.56 min Scan# 3144

Delta R.T. -0.03 min

Lab File: BG044110.D

Acq: 20 Jan 2020 22:56

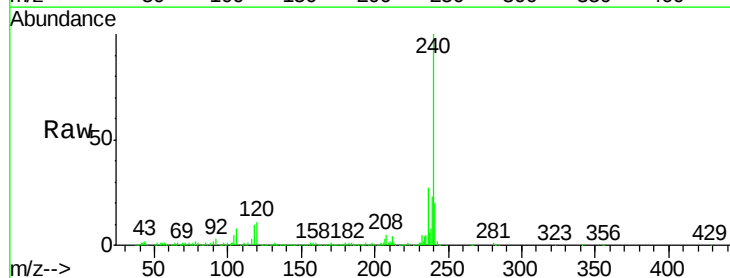
Tgt Ion:240 Resp: 470299

Ion Ratio Lower Upper

240 100

120 11.5 9.6 14.4

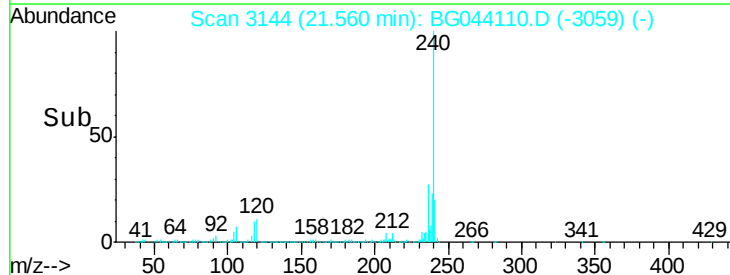
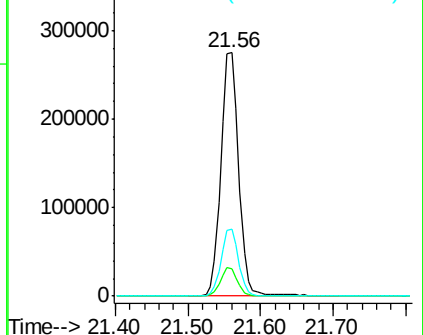
236 27.5 22.2 33.2

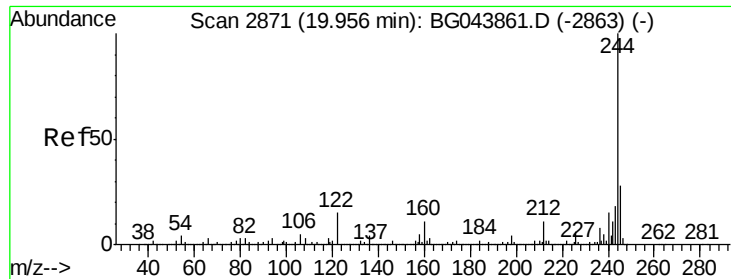


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 101.177 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044110.D

Acq: 20 Jan 2020 22:56

Instrument :

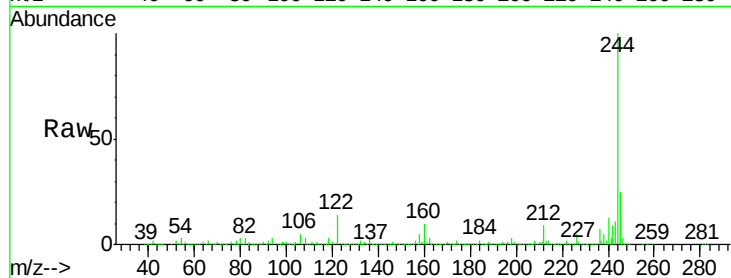
BNA_G

ClientSampleId :

MH-720-(SETTLED)

Tot Ion:244 Resp: 1880161

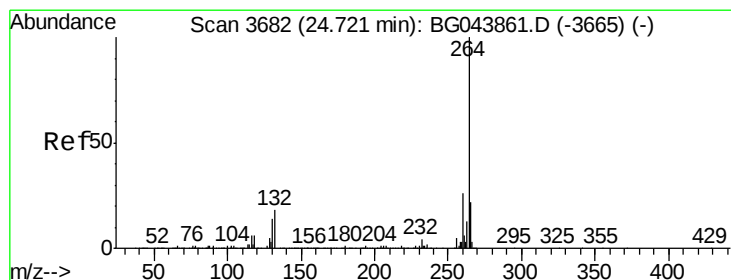
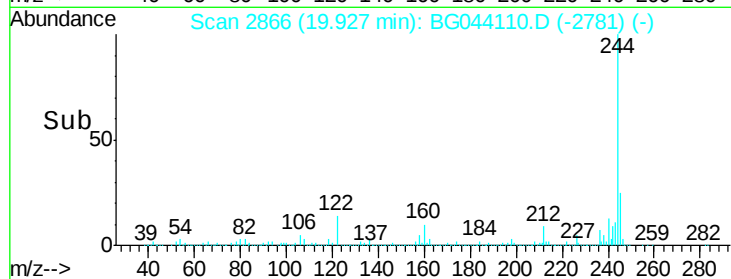
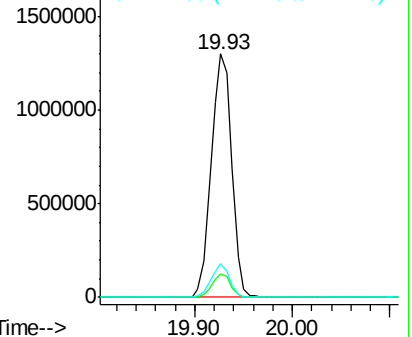
Ion	Ratio	Lower	Upper
244	100		
212	9.5	8.6	13.0
122	13.7	11.9	17.9



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

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

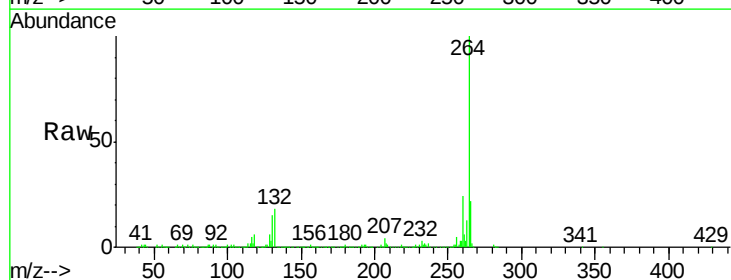
Delta R.T. -0.05 min

Lab File: BG044110.D

Acq: 20 Jan 2020 22:56

Tgt Ion:264 Resp: 518991

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.4	30.6
265	22.3	17.4	26.2



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

