

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
 Data File : BG044111.D
 Acq On : 20 Jan 2020 23:35
 Operator : JU
 Sample : L1184-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CBH-591-(SETTLED)

Quant Time: Jan 21 07:19:26 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

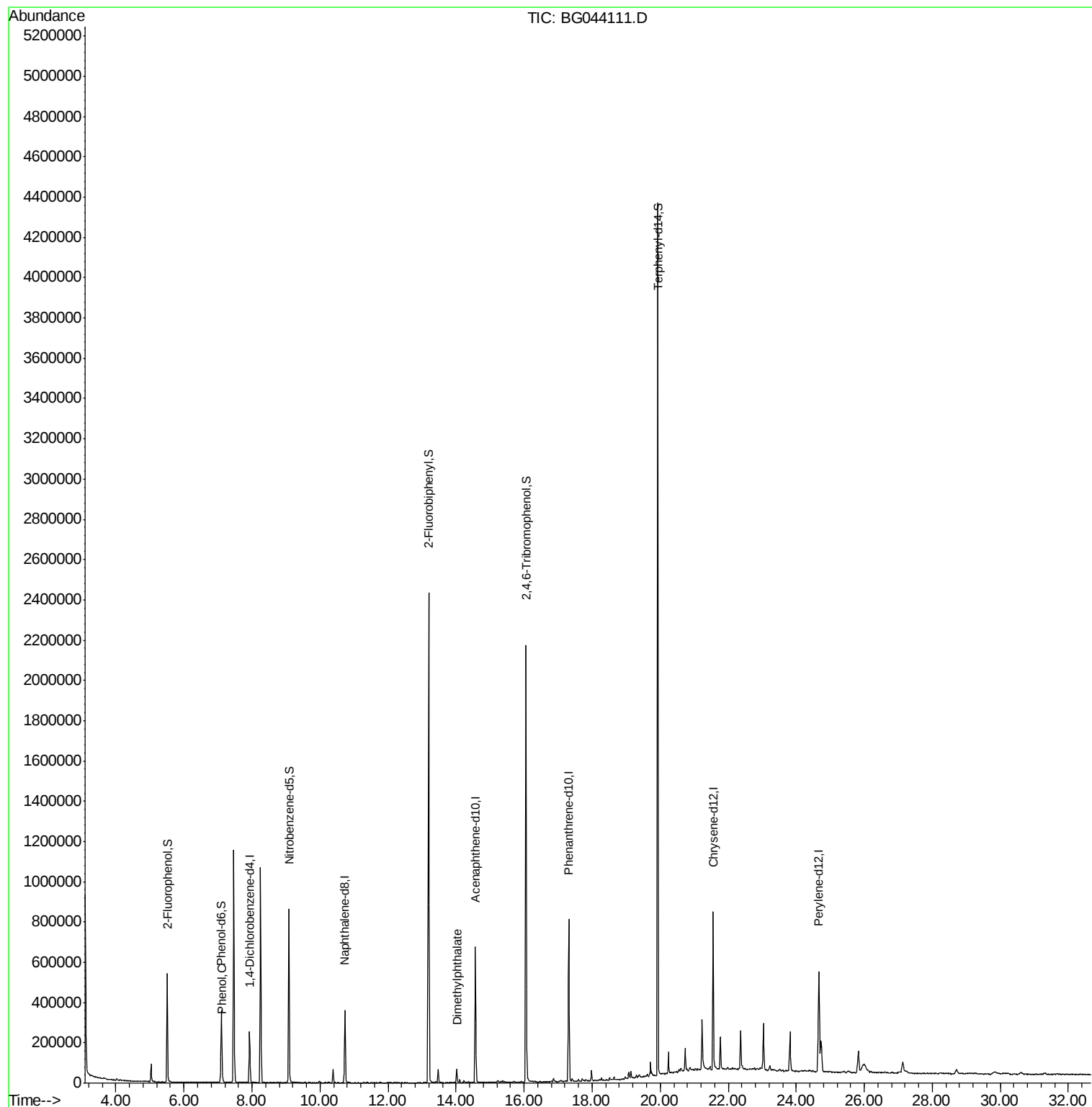
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	73548	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	334469	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	240077	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	523306	20.00	ng	-0.02
76) Chrysene-d12	21.55	240	449283	20.00	ng	-0.03
87) Perylene-d12	24.67	264	499484	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	264925	66.14	ng	-0.03
7) Phenol-d6	7.10	99	238024	42.51	ng	-0.02
23) Nitrobenzene-d5	9.09	82	553937	88.60	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	405912	161.57	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1320352	99.64	ng	-0.03
79) Terphenyl-d14	19.93	244	1874703	107.56	ng	-0.03
Target Compounds						
10) Phenol	7.12	94	20950	3.632	ng	Qvalue 97
50) Dimethylphthalate	14.02	163	53494	3.138	ng	# 94

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

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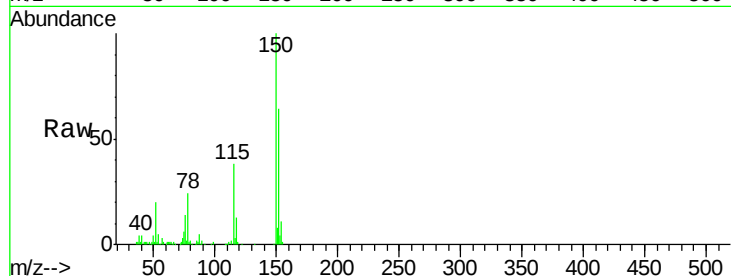


#1

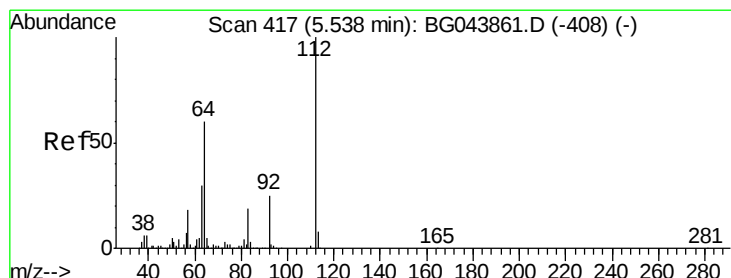
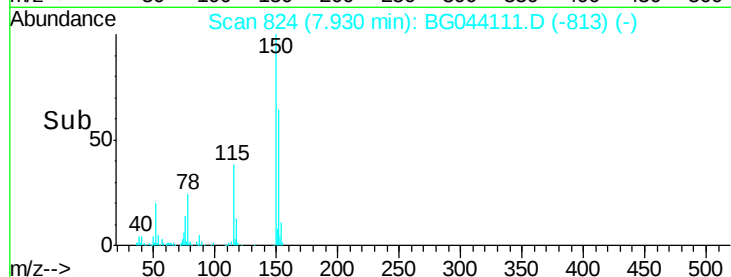
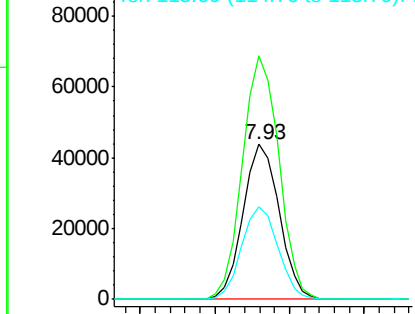
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044111.D
Acq: 20 Jan 2020 23:35

Instrument :
BNA_G
ClientSampleId :
CBH-591-(SETTLED)

Tot Ion:152 Resp: 73548
Ion Ratio Lower Upper
152 100
150 157.3 127.0 190.4
115 59.5 47.8 71.8



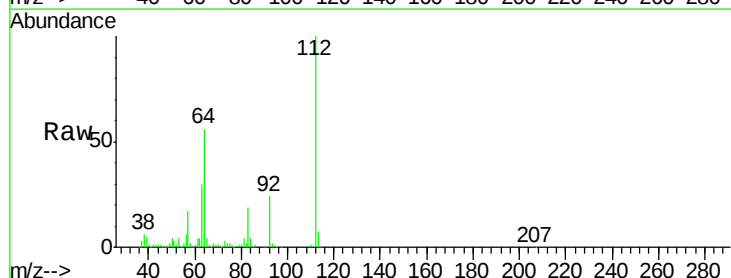
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



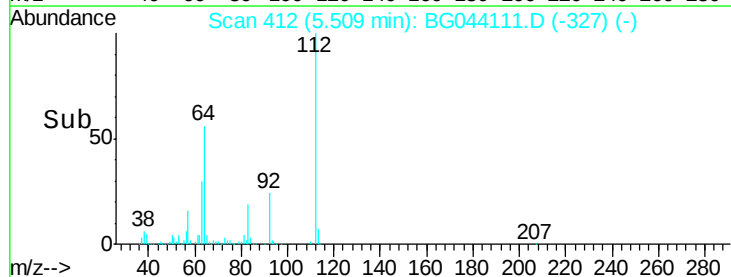
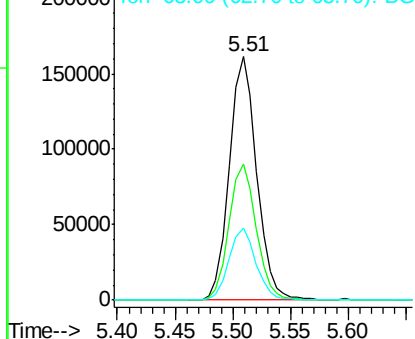
#5

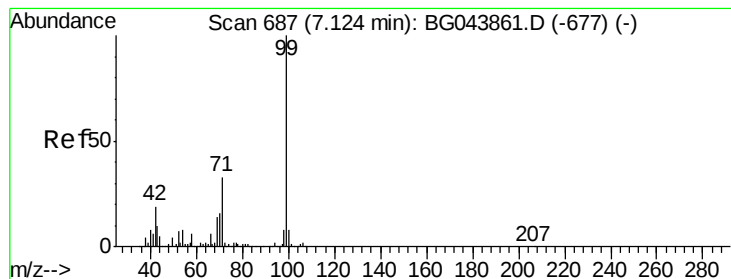
2-Fluorophenol
Concen: 66.138 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044111.D
Acq: 20 Jan 2020 23:35

Tgt Ion:112 Resp: 264925
Ion Ratio Lower Upper
112 100
64 55.9 47.8 71.6
63 29.6 24.3 36.5



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: 42.511 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044111.D

Acq: 20 Jan 2020 23:35

Instrument :

BNA_G

ClientSampleId :

CBH-591-(SETTLED)

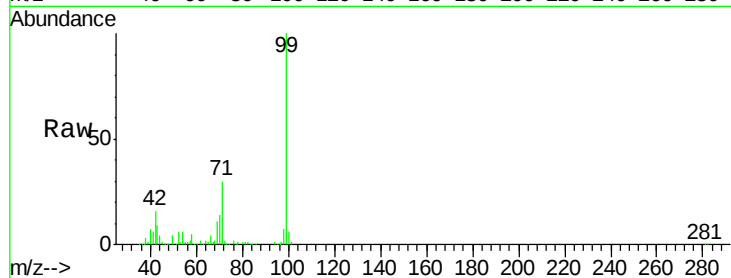
Tot Ion: 99 Resp: 238024

Ion Ratio Lower Upper

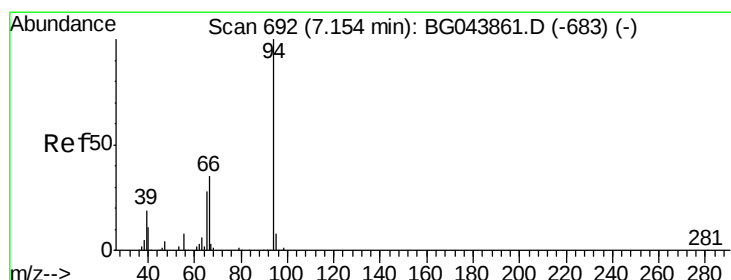
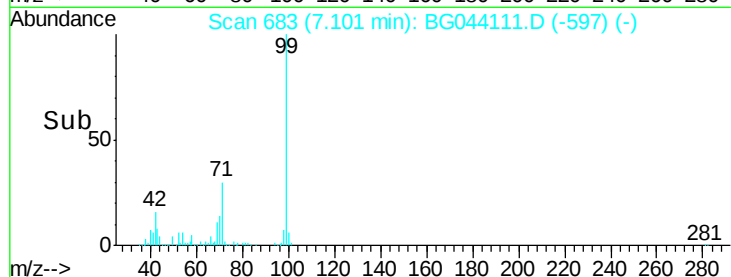
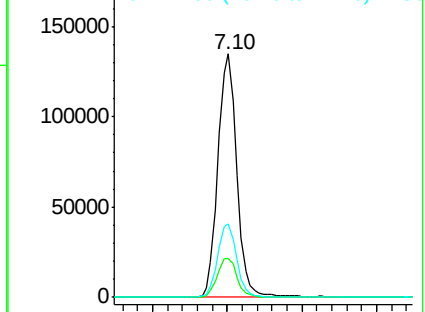
99 100

42 16.1 14.9 22.3

71 30.1 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: 3.632 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044111.D

Acq: 20 Jan 2020 23:35

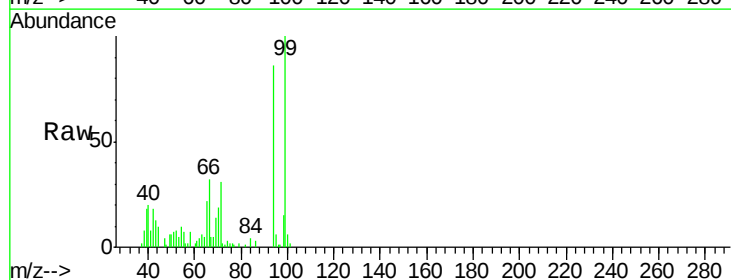
Tgt Ion: 94 Resp: 20950

Ion Ratio Lower Upper

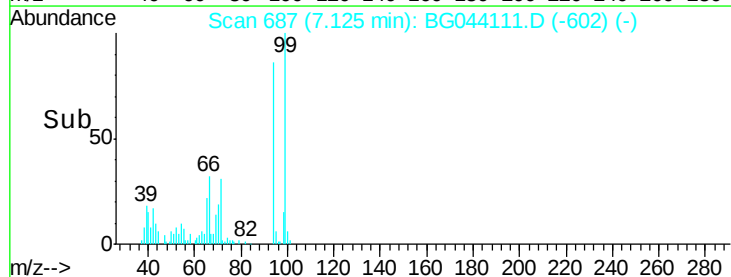
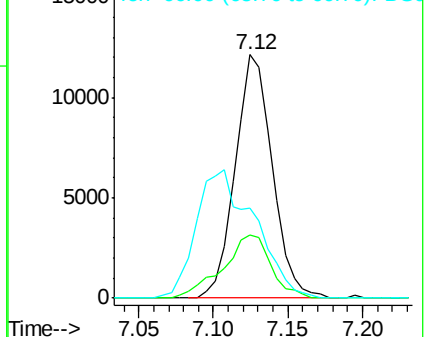
94 100

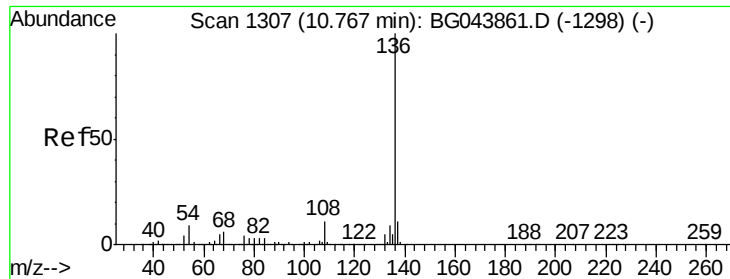
65 26.1 8.1 48.1

66 37.1 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

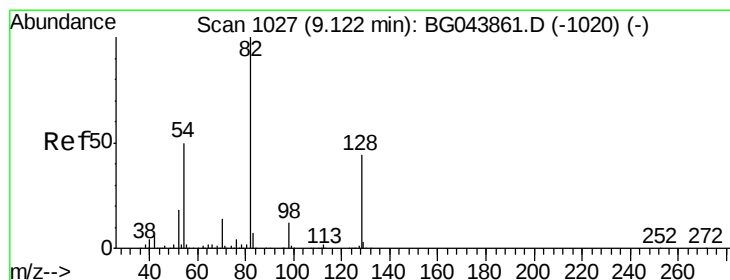
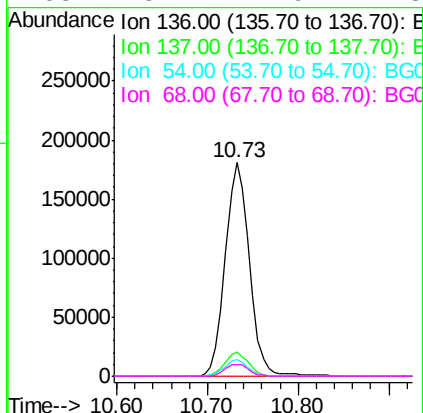
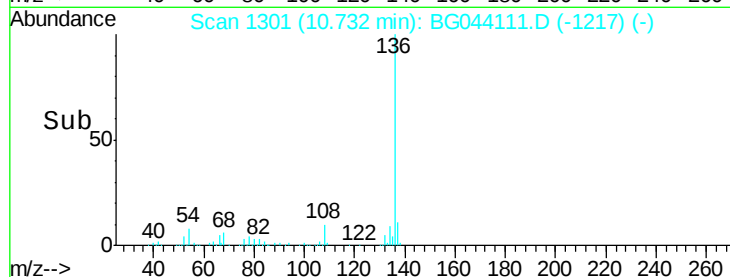
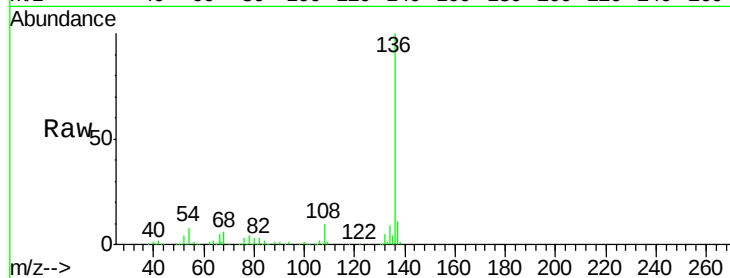




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044111.D
Acq: 20 Jan 2020 23:35

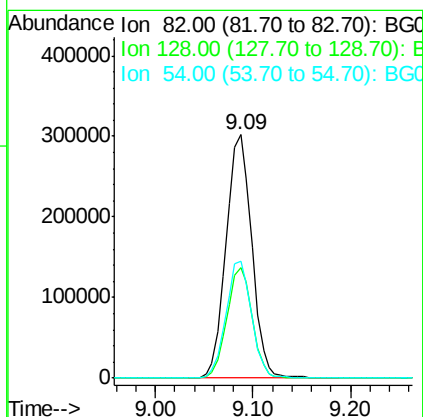
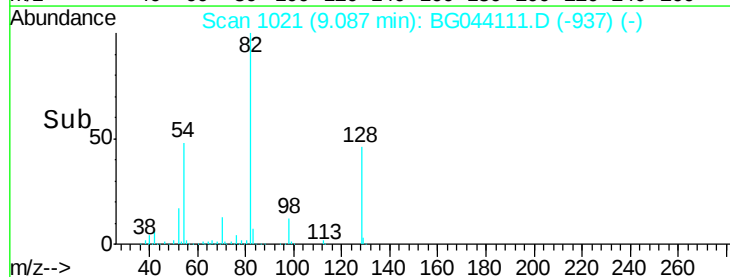
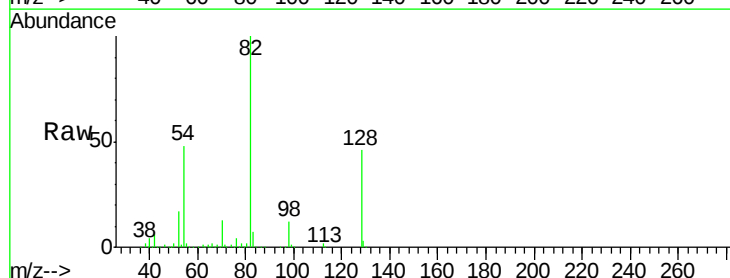
Instrument :
BNA_G
ClientSampleId :
CBH-591-(SETTLED)

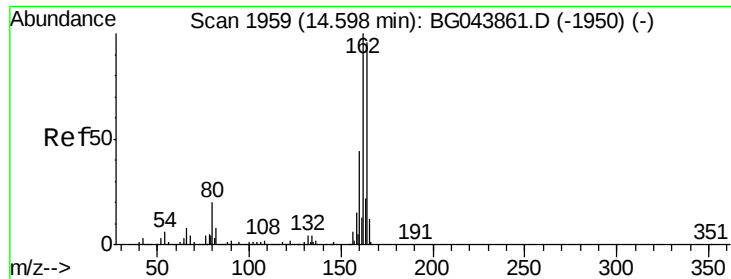
Tot Ion:136	Resp:	334469
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.8	13.2
54 7.6	7.0	10.4
68 5.7	4.9	7.3



#23
Nitrobenzene-d5
Concen: 88.598 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044111.D
Acq: 20 Jan 2020 23:35

Tgt Ion: 82	Resp: 553937
Ion Ratio	Lower Upper
82 100	
128 45.5	35.1 52.7
54 47.8	40.1 60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044111.D

Acq: 20 Jan 2020 23:35

Instrument :

BNA_G

ClientSampleId :

CBH-591-(SETTLED)

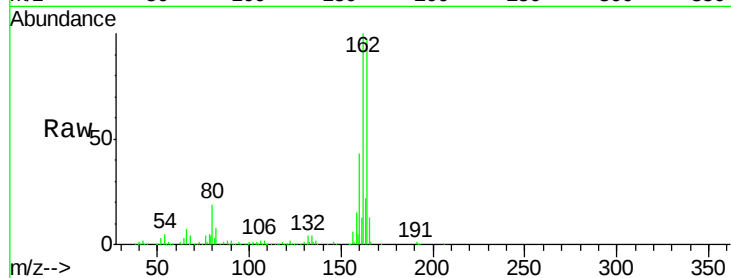
Tot Ion:164 Resp: 240077

Ion Ratio Lower Upper

164 100

162 103.4 83.0 124.4

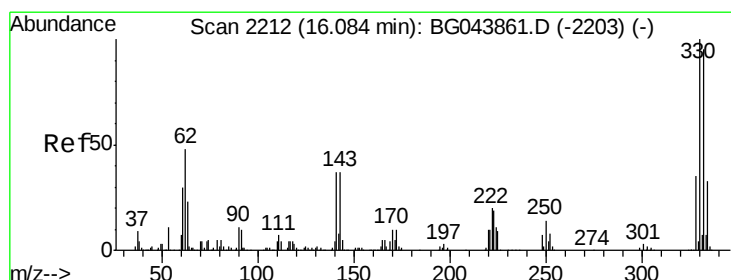
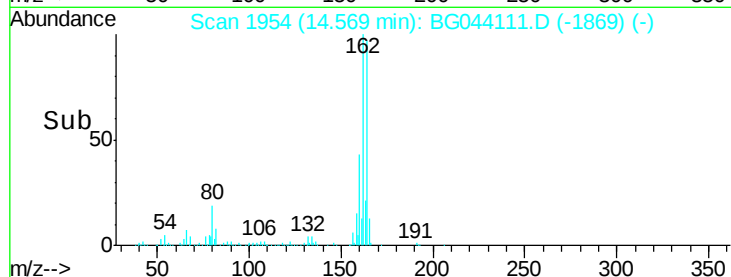
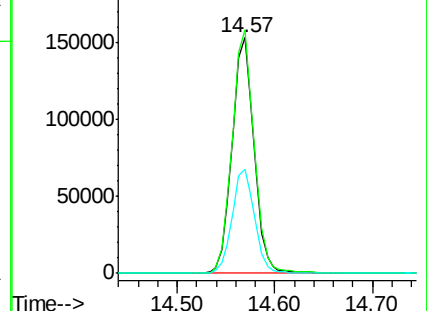
160 44.5 36.1 54.1



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: 161.566 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044111.D

Acq: 20 Jan 2020 23:35

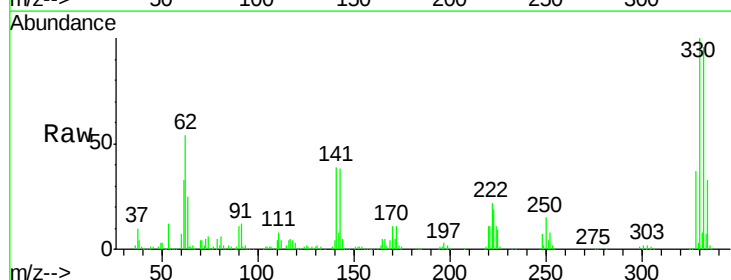
Tgt Ion:330 Resp: 405912

Ion Ratio Lower Upper

330 100

332 95.3 77.2 115.8

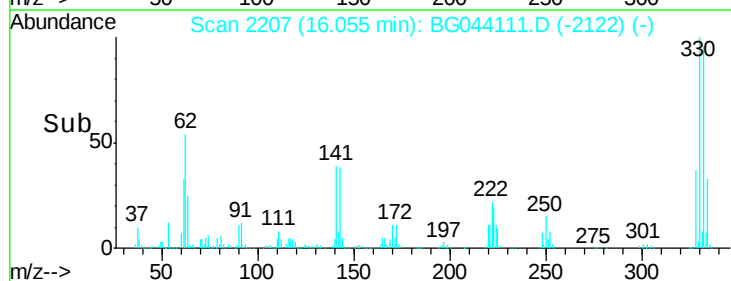
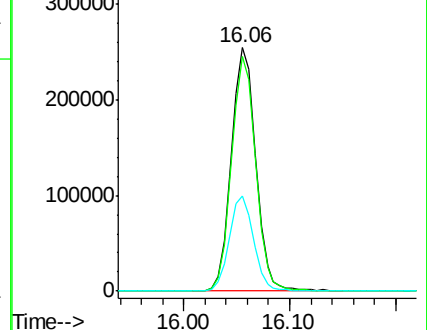
141 39.1 33.1 49.7



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

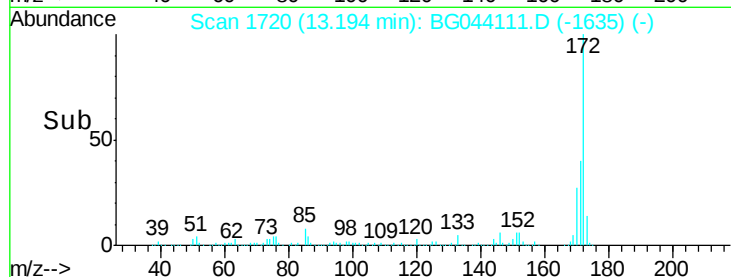
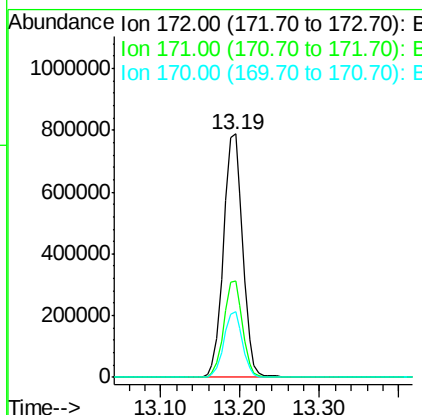
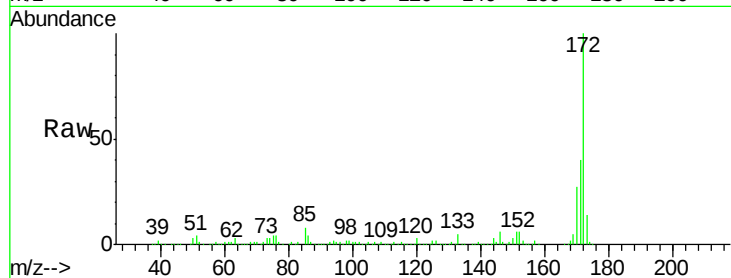




#45
2-Fluorobiphenyl
Concen: 99.642 ng
RT: 13.19 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BG044111.D
Acq: 20 Jan 2020 23:35

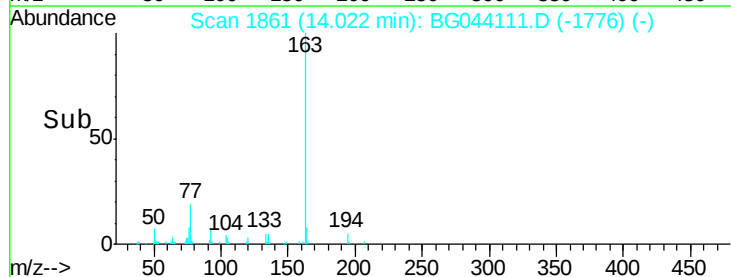
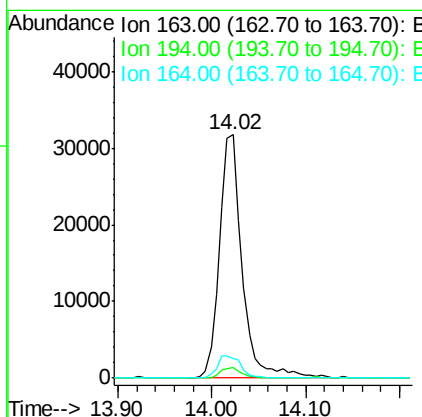
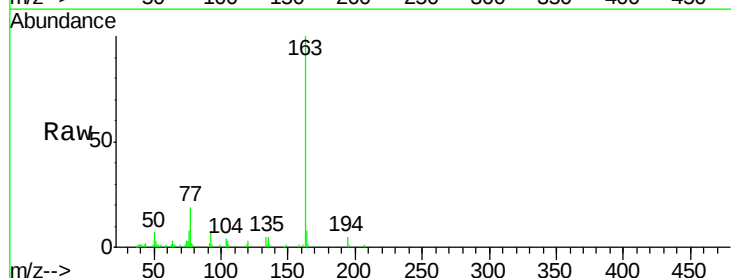
Instrument :
BNA_G
ClientSampleId :
CBH-591-(SETTLED)

Tot Ion:172 Resp: 1320352
Ion Ratio Lower Upper
172 100
171 39.5 35.8 53.8
170 27.2 24.2 36.4



#50
Dimethylphthalate
Concen: 3.138 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.03 min
Lab File: BG044111.D
Acq: 20 Jan 2020 23:35

Tgt Ion:163 Resp: 53494
Ion Ratio Lower Upper
163 100
194 4.6 3.7 5.5
164 8.3 9.3 13.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG044111.D

Acq: 20 Jan 2020 23:35

Instrument :

BNA_G

ClientSampleId :

CBH-591-(SETTLED)

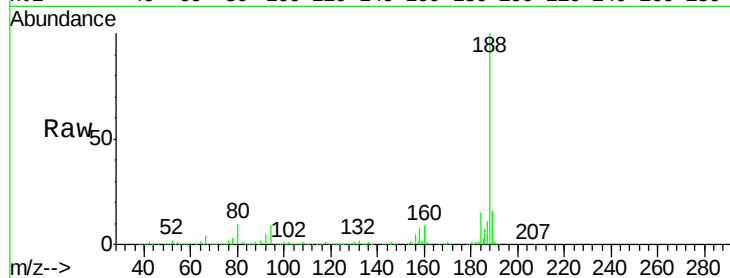
Tot Ion:188 Resp: 523306

Ion Ratio Lower Upper

188 100

94 9.1 7.9 11.9

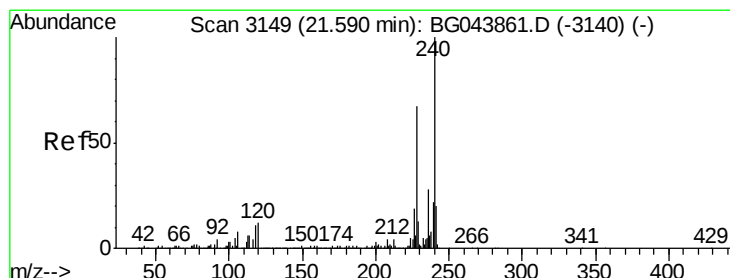
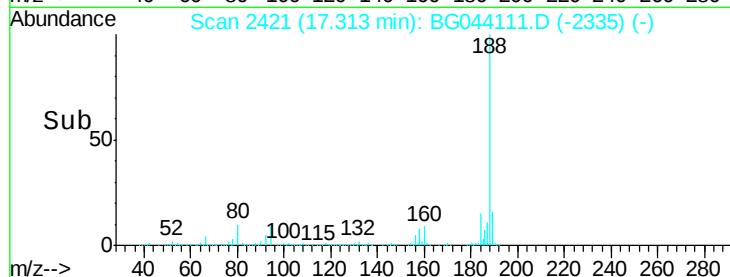
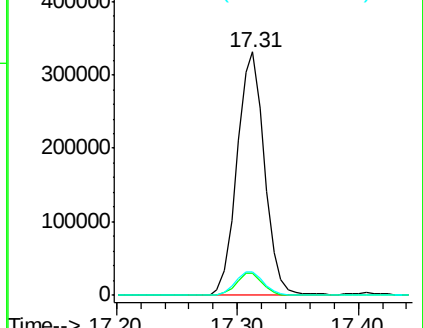
80 9.9 8.2 12.4



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: 21.55 min Scan# 3143

Delta R.T. -0.03 min

Lab File: BG044111.D

Acq: 20 Jan 2020 23:35

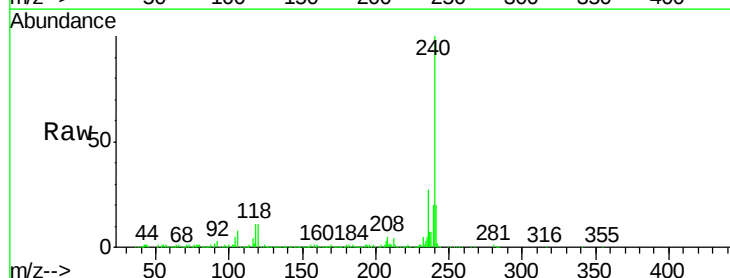
Tgt Ion:240 Resp: 449283

Ion Ratio Lower Upper

240 100

120 10.9 9.6 14.4

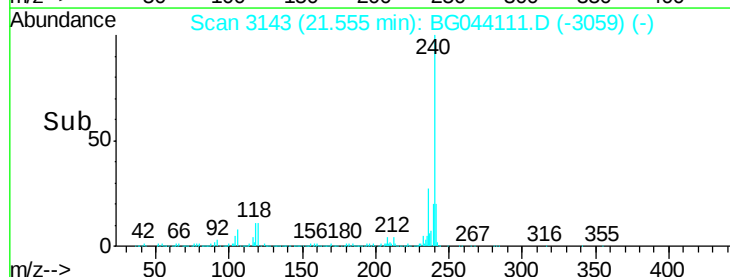
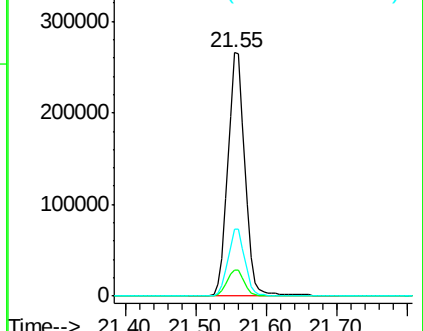
236 27.4 22.2 33.2

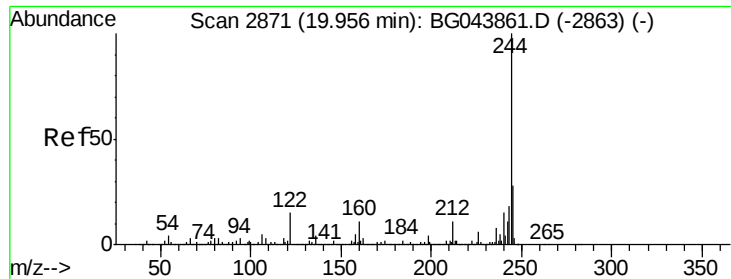


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 107.562 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044111.D

Acq: 20 Jan 2020 23:35

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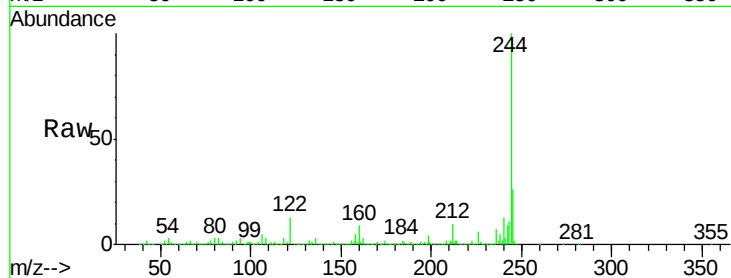
Tot Ion:244 Resp: 1874703

Ion Ratio Lower Upper

244 100

212 9.7 8.6 13.0

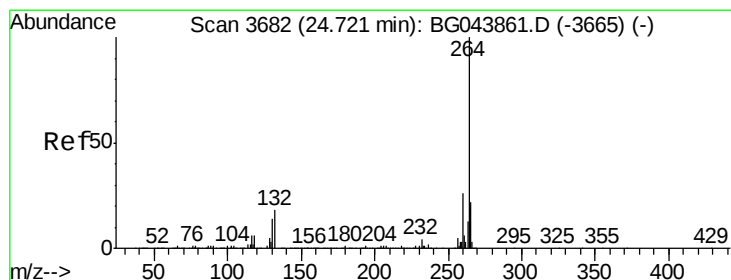
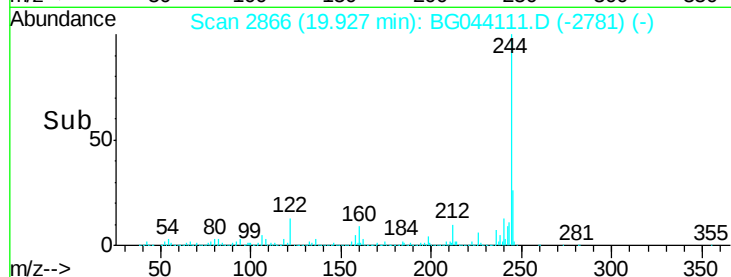
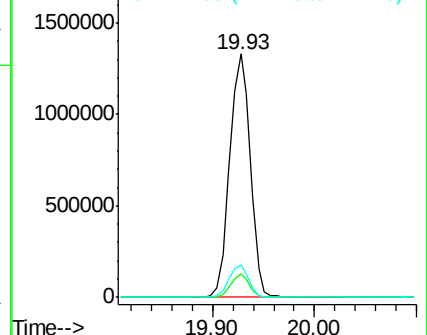
122 13.4 11.9 17.9



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: BG044111.D

Acq: 20 Jan 2020 23:35

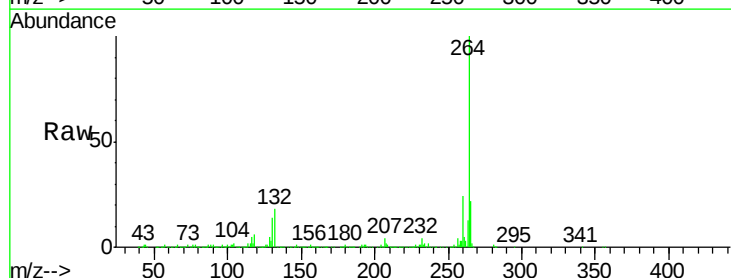
Tgt Ion:264 Resp: 499484

Ion Ratio Lower Upper

264 100

260 24.3 20.4 30.6

265 22.1 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

