

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011720\
 Data File : BG044089.D
 Acq On : 18 Jan 2020 00:32
 Operator : JU
 Sample : L1162-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CBH-591

Quant Time: Jan 18 04:17:28 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

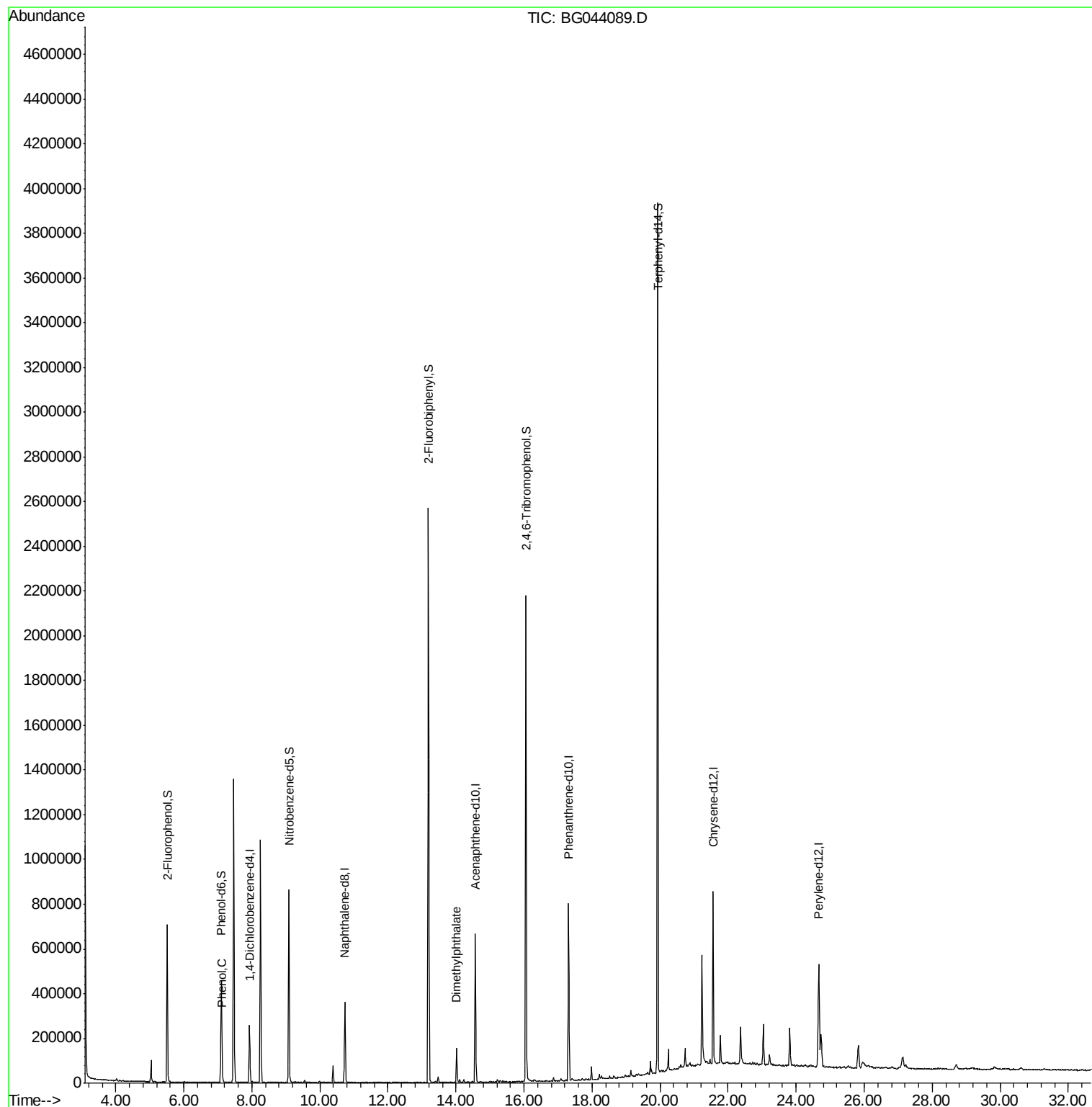
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	74395	20.00	ng	-0.03
21) Naphthalene-d8	10.74	136	332878	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	239300	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	497394	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	420672	20.00	ng	-0.03
87) Perylene-d12	24.67	264	470336	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	348558	86.03	ng	-0.03
7) Phenol-d6	7.10	99	307441	54.28	ng	-0.02
23) Nitrobenzene-d5	9.08	82	563924	90.63	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	404737	161.62	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1341861	101.59	ng	-0.03
79) Terphenyl-d14	19.93	244	1822765	113.64	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	19205	3.291	ng	Qvalue 91
50) Dimethylphthalate	14.02	163	116141	6.835	ng	# 95

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

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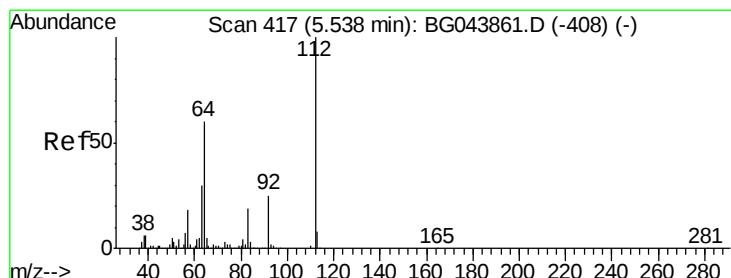
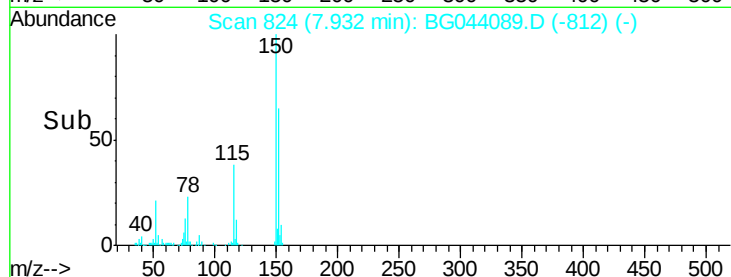
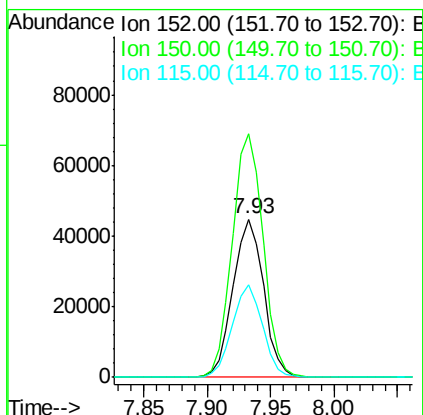
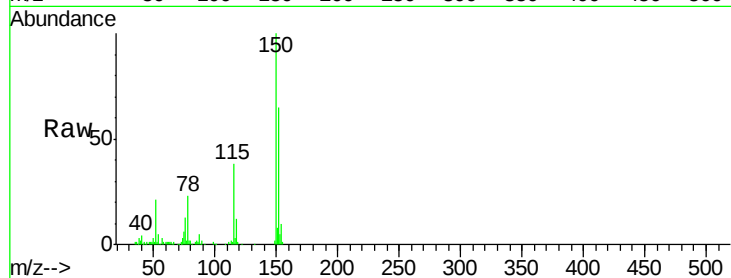


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044089.D
Acq: 18 Jan 2020 00:32

Instrument :
BNA_G
ClientSampleId :
CBH-591

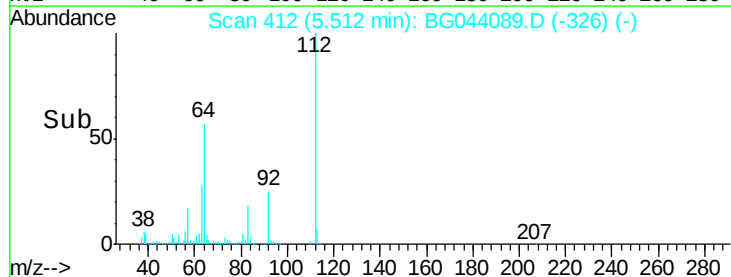
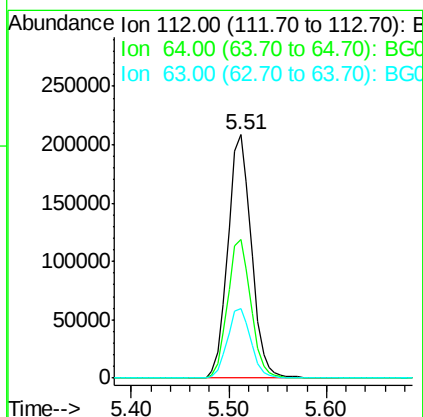
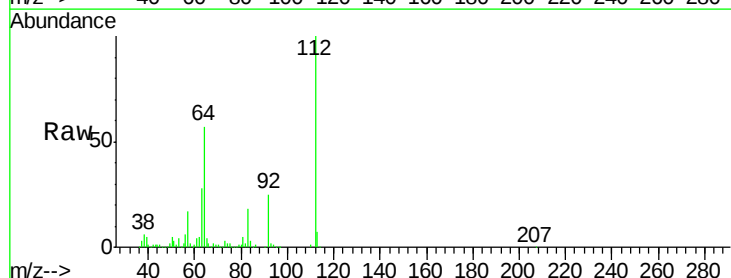
Tot Ion:152 Resp: 74395
Ion Ratio Lower Upper
152 100
150 154.2 127.0 190.4
115 58.3 47.8 71.8

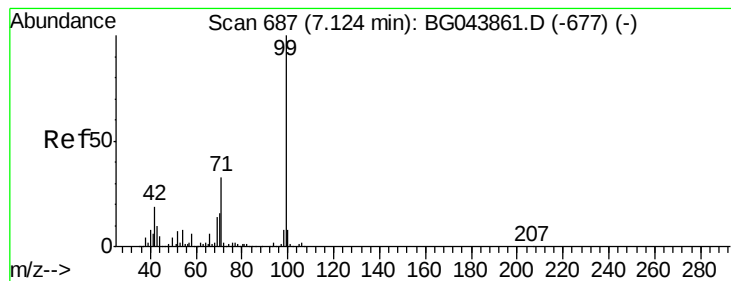


#5

2-Fluorophenol
Concen: 86.027 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044089.D
Acq: 18 Jan 2020 00:32

Tgt Ion:112 Resp: 348558
Ion Ratio Lower Upper
112 100
64 57.1 47.8 71.6
63 28.3 24.3 36.5





#7

Phenol-d6

Concen: 54.284 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044089.D

Acq: 18 Jan 2020 00:32

Instrument :

BNA_G

ClientSampled :

CBH-591

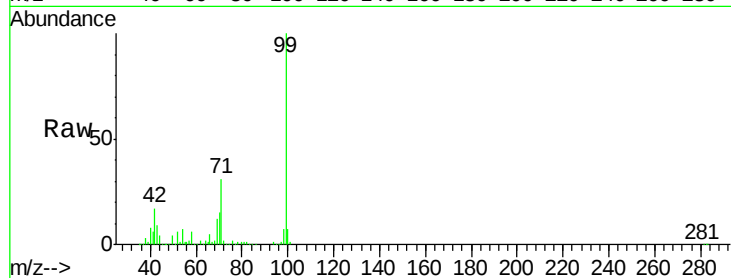
Tot Ion: 99 Resp: 307441

Ion Ratio Lower Upper

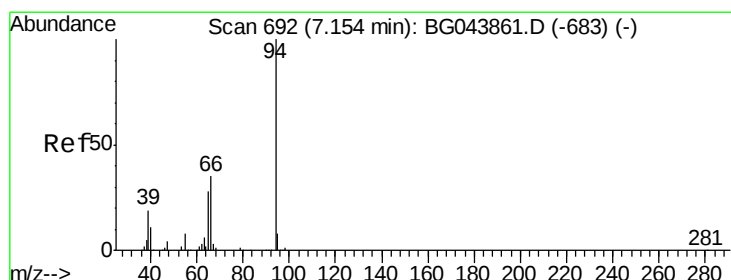
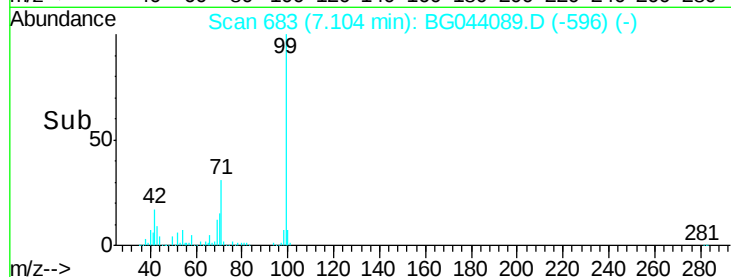
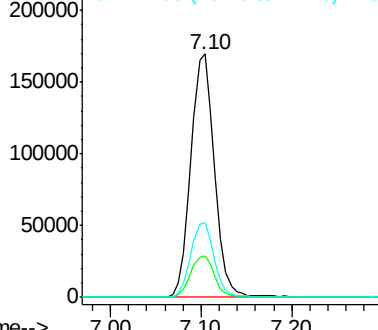
99 100

42 16.9 14.9 22.3

71 30.6 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: 3.291 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044089.D

Acq: 18 Jan 2020 00:32

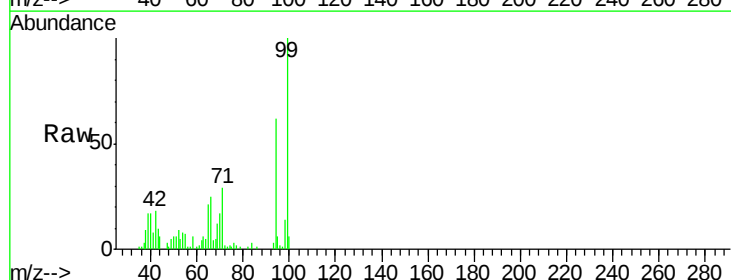
Tgt Ion: 94 Resp: 19205

Ion Ratio Lower Upper

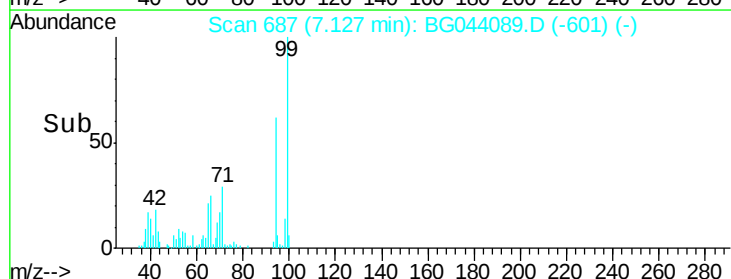
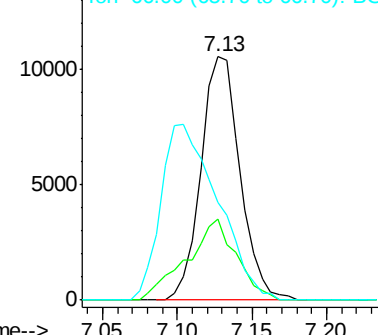
94 100

65 33.3 8.1 48.1

66 40.2 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

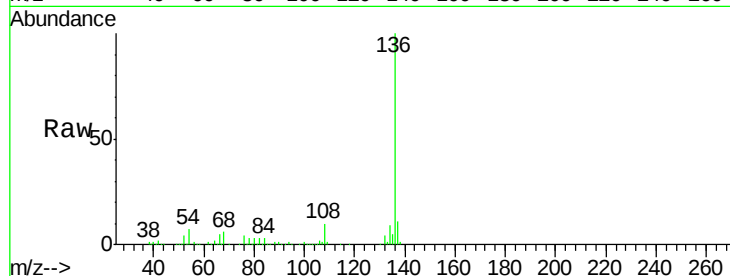




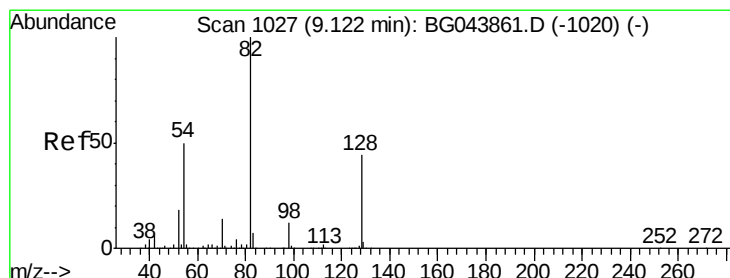
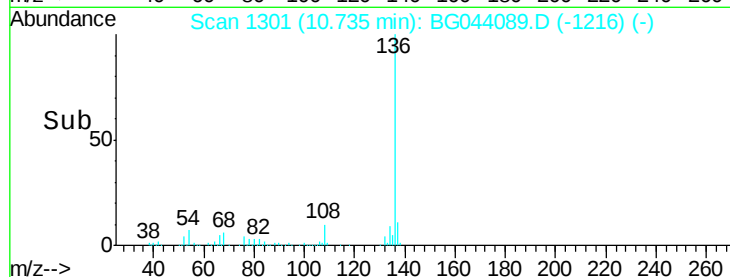
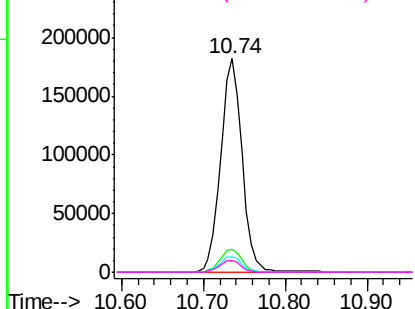
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044089.D
Acq: 18 Jan 2020 00:32

Instrument :
BNA_G
ClientSampled :
CBH-591

Tot Ion:136	Resp:	332878	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.8	13.2	
54 7.2	7.0	10.4	
68 5.7	4.9	7.3	

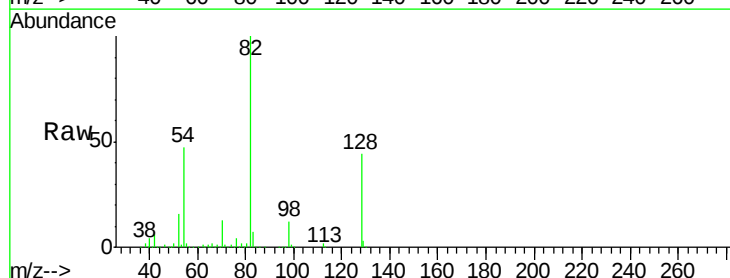


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

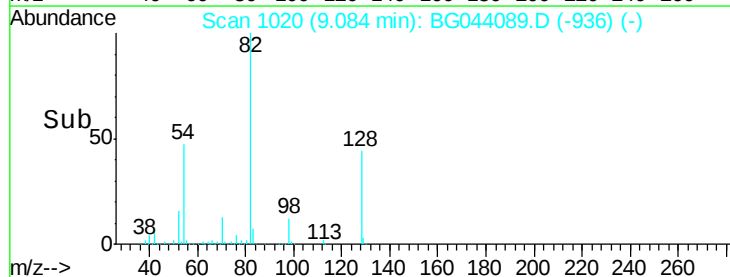
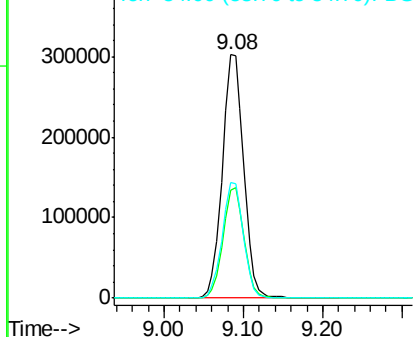


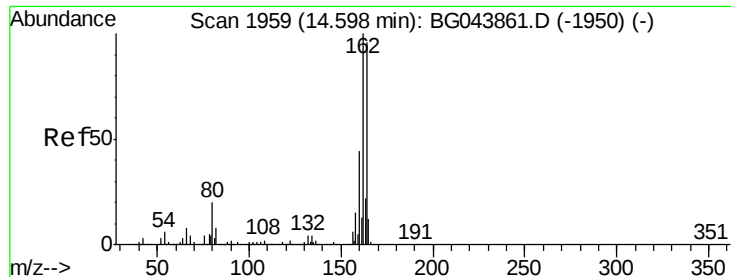
#23
Nitrobenzene-d5
Concen: 90.627 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044089.D
Acq: 18 Jan 2020 00:32

Tgt Ion: 82	Resp: 563924
Ratio	Lower Upper
82 100	
128 44.4	35.1 52.7
54 47.4	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# 1953

Delta R.T. -0.03 min

Lab File: BG044089.D

Acq: 18 Jan 2020 00:32

Instrument :

BNA_G

ClientSampleId :

CBH-591

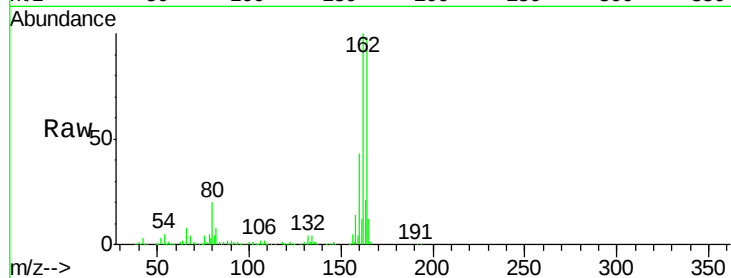
Tot Ion:164 Resp: 239300

Ion Ratio Lower Upper

164 100

162 102.4 83.0 124.4

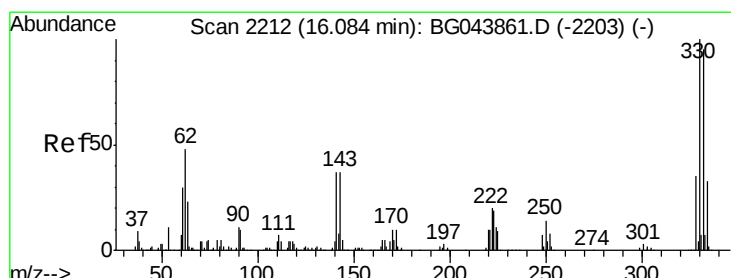
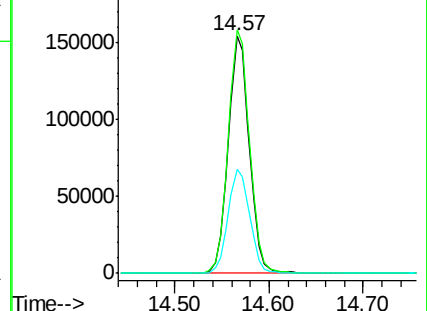
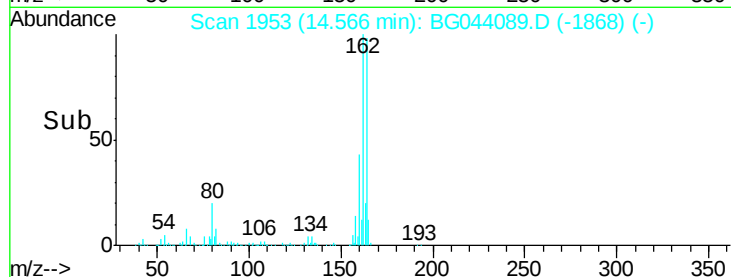
160 43.6 36.1 54.1



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: 161.622 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044089.D

Acq: 18 Jan 2020 00:32

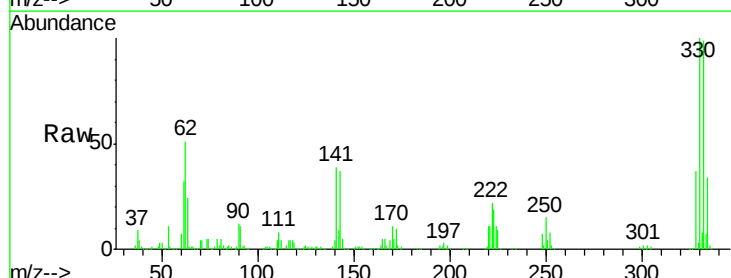
Tgt Ion:330 Resp: 404737

Ion Ratio Lower Upper

330 100

332 97.9 77.2 115.8

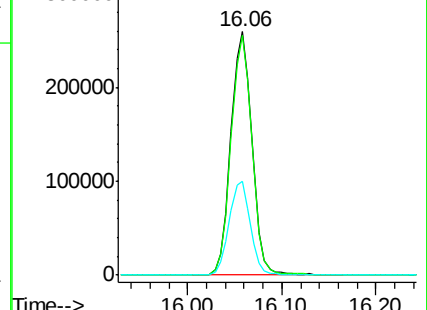
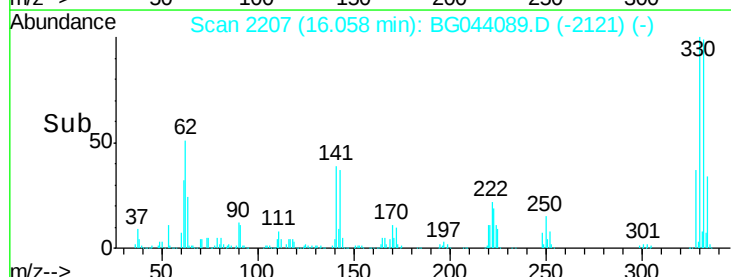
141 38.9 33.1 49.7



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



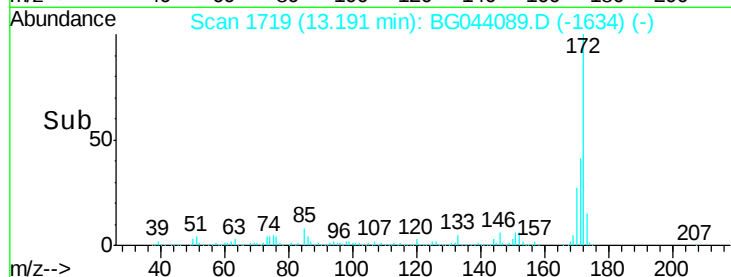
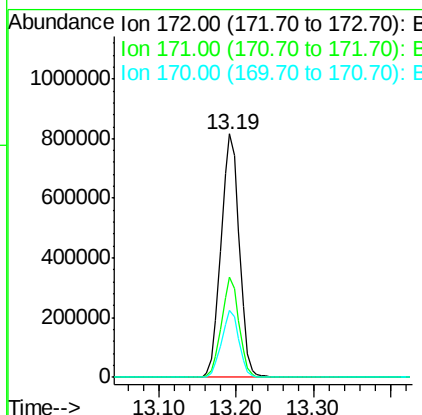
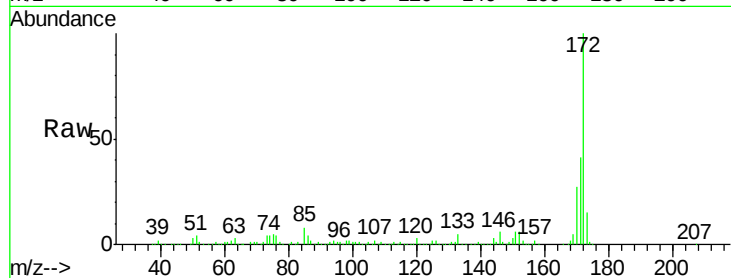


#45
 2-Fluorobiphenyl
 Concen: 101.594 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.03 min
 Lab File: BG044089.D
 Acq: 18 Jan 2020 00:32

Instrument :
 BNA_G
 ClientSampleId :
 CBH-591

Tot Ion:172 Resp: 1341861

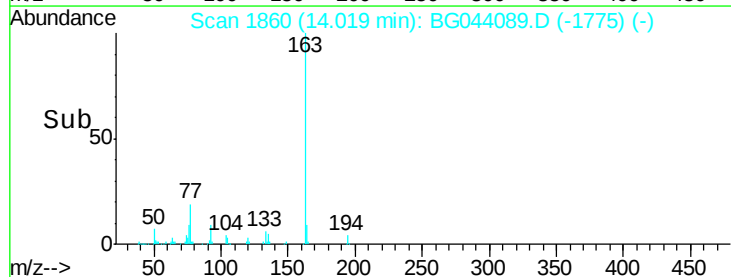
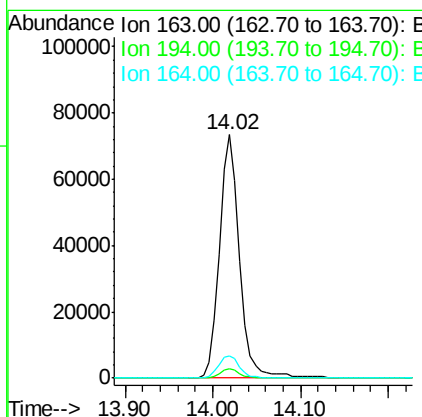
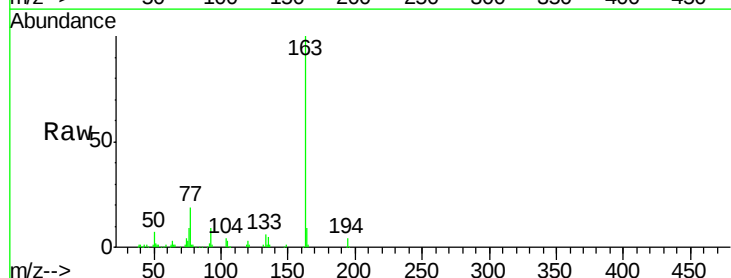
Ion	Ratio	Lower	Upper
172	100		
171	40.9	35.8	53.8
170	27.3	24.2	36.4



#50
 Dimethylphthalate
 Concen: 6.835 ng
 RT: 14.02 min Scan# 1860
 Delta R.T. -0.03 min
 Lab File: BG044089.D
 Acq: 18 Jan 2020 00:32

Tgt Ion:163 Resp: 116141

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.7	5.5
164	9.2	9.3	13.9#

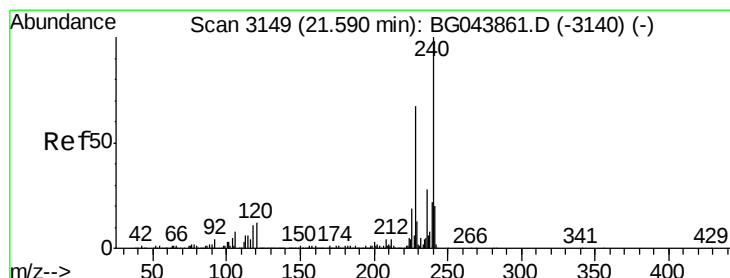
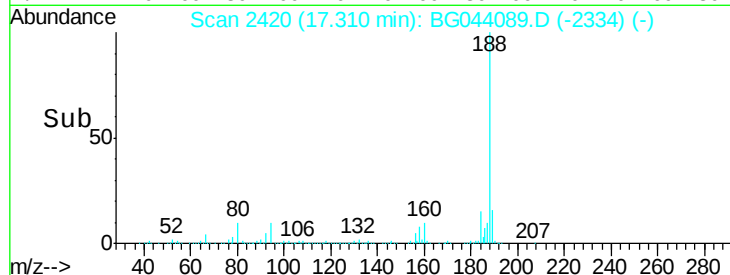
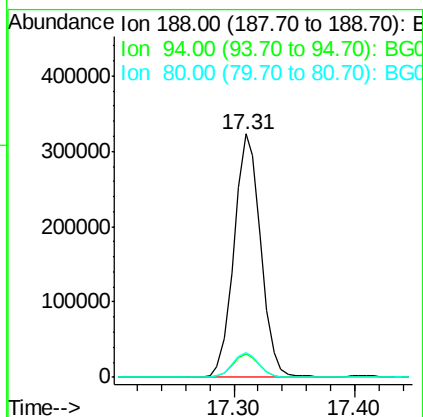
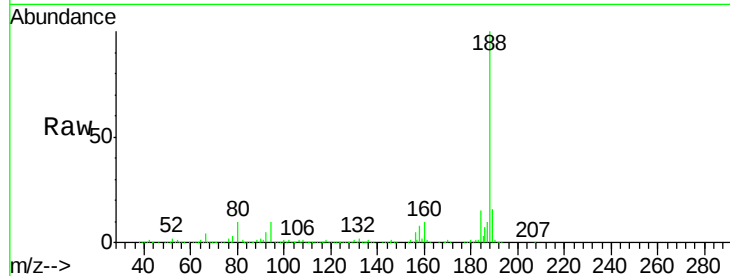




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044089.D
Acq: 18 Jan 2020 00:32

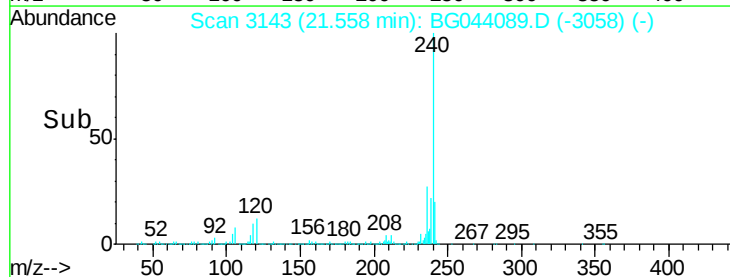
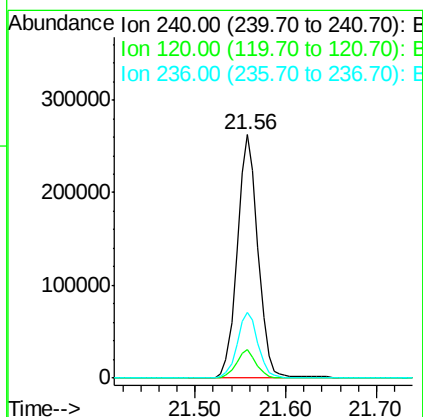
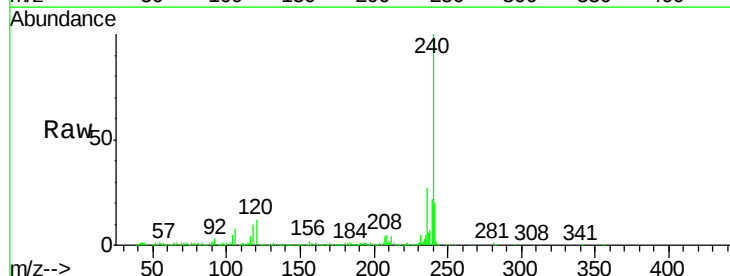
Instrument :
BNA_G
ClientSampleId :
CBH-591

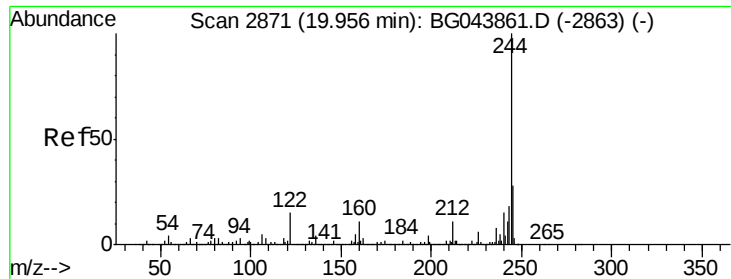
Tot Ion:188 Resp: 497394
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 9.9 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.03 min
Lab File: BG044089.D
Acq: 18 Jan 2020 00:32

Tgt Ion:240 Resp: 420672
Ion Ratio Lower Upper
240 100
120 11.7 9.6 14.4
236 27.0 22.2 33.2





#79

Terphenyl-d14

Concen: 113.640 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044089.D

Acq: 18 Jan 2020 00:32

Instrument :

BNA_G

ClientSampleId :

CBH-591

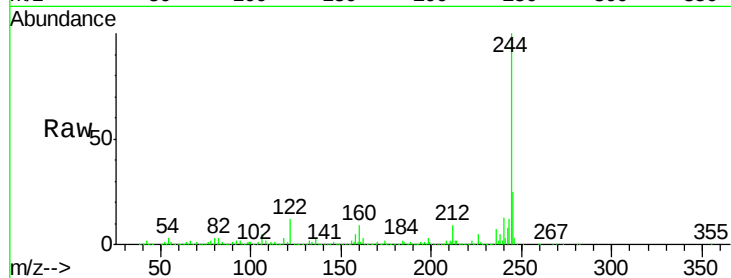
Tot Ion:244 Resp: 1822765

Ion Ratio Lower Upper

244 100

212 9.4 8.6 13.0

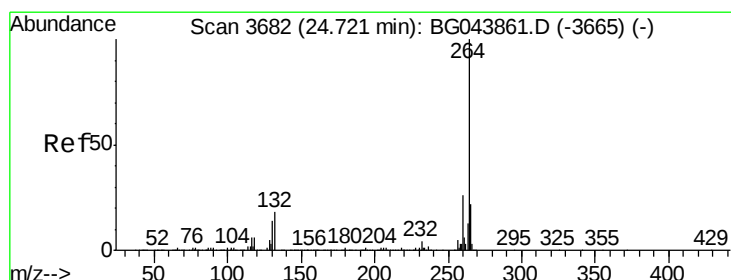
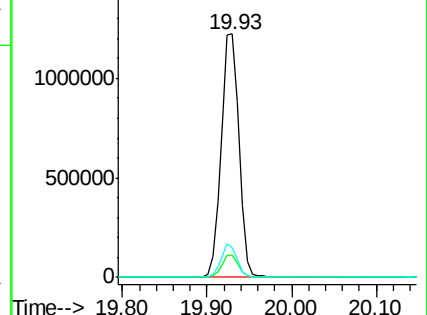
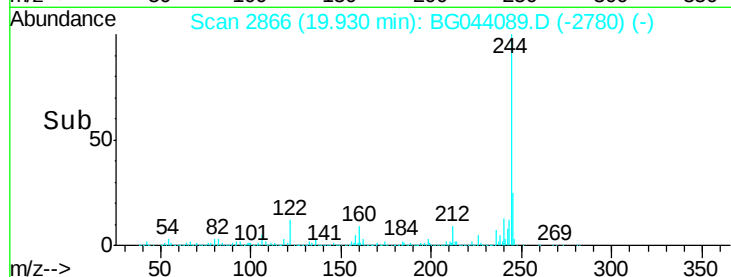
122 12.4 11.9 17.9



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# 3672

Delta R.T. -0.06 min

Lab File: BG044089.D

Acq: 18 Jan 2020 00:32

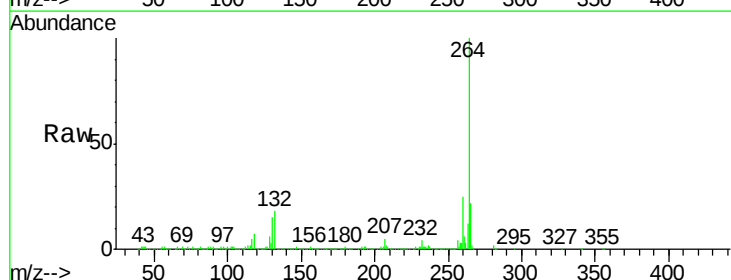
Tgt Ion:264 Resp: 470336

Ion Ratio Lower Upper

264 100

260 25.2 20.4 30.6

265 22.5 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

