

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
 Data File : BG046289.D
 Acq On : 15 Aug 2020 00:04
 Operator : CG/JU
 Sample : L3639-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-J08

Quant Time: Aug 17 06:05:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

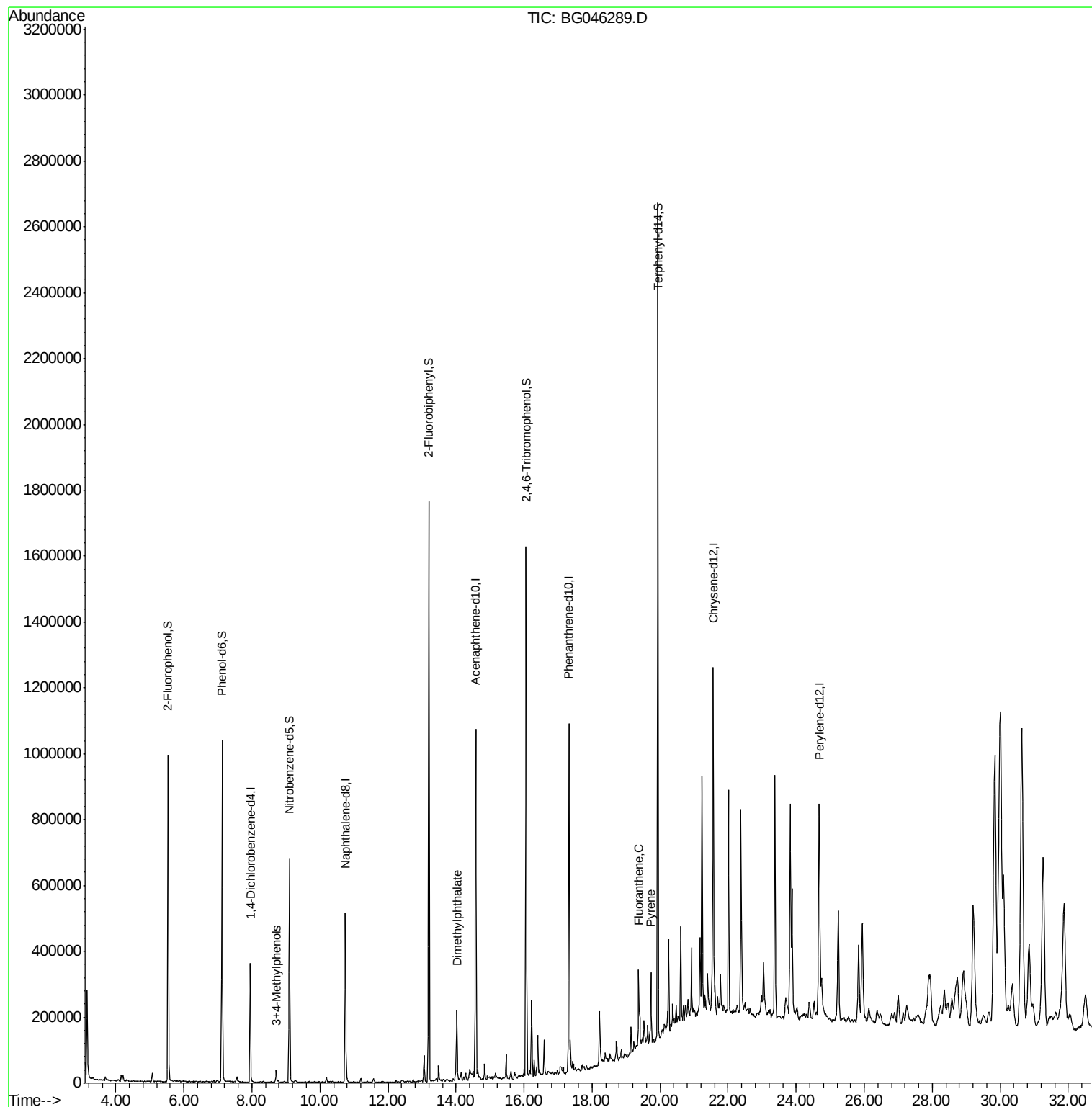
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	112667	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	470264	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	319172	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	678185	20.00	ng	0.00
76) Chrysene-d12	21.57	240	648479	20.00	ng	0.00
86) Perylene-d12	24.68	264	693264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	468218	72.24	ng	0.00
7) Phenol-d6	7.12	99	632656	71.62	ng	0.00
23) Nitrobenzene-d5	9.10	82	430672	49.58	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	361185	73.67	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	928299	42.25	ng	0.00
79) Terphenyl-d14	19.93	244	1145769	35.98	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	8.71	107	18191	2.218	ng	85
50) Dimethylphthalate	14.02	163	154566	6.310	ng	99
75) Fluoranthene	19.37	202	131802	2.842	ng	96
78) Pyrene	19.73	202	126423	2.902	ng	94

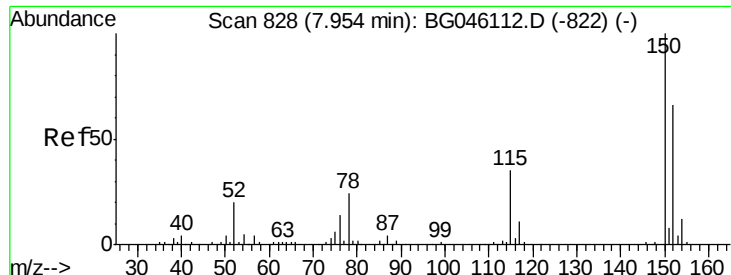
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration



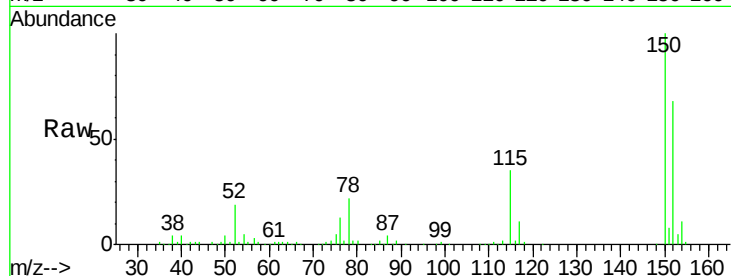


#1

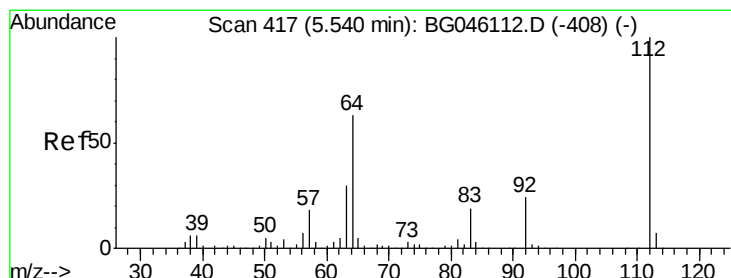
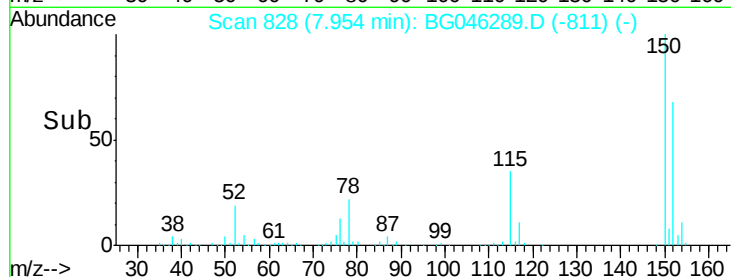
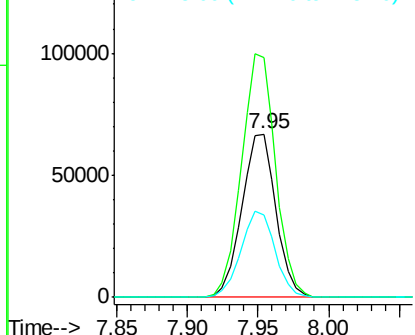
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Instrument :
BNA_G
ClientSampled :
MH-J08

Tot Ion:152 Resp: 112667
Ion Ratio Lower Upper
152 100
150 147.4 122.1 183.1
115 50.9 43.2 64.8



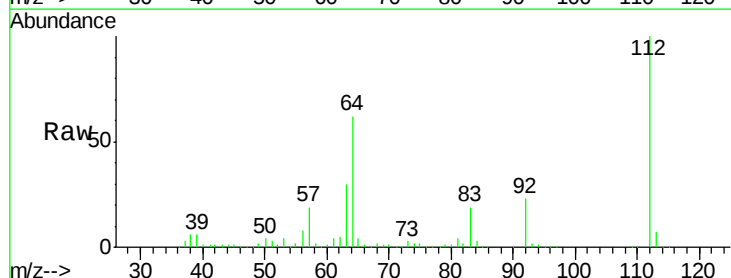
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



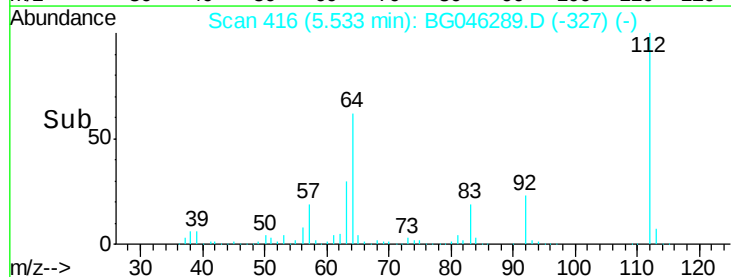
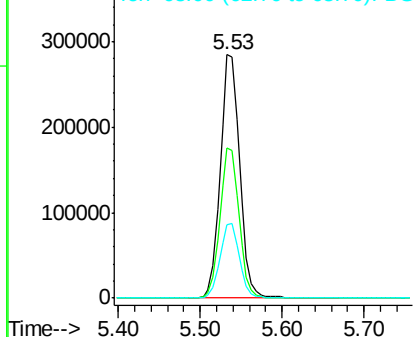
#5

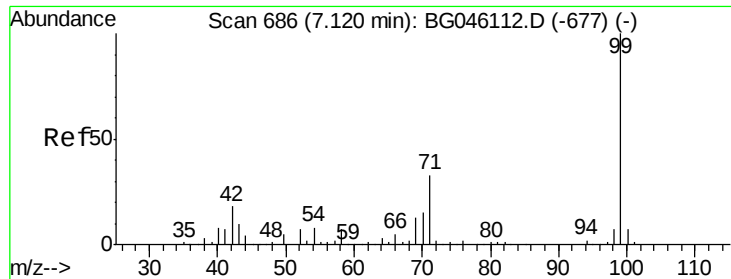
2-Fluorophenol
Concen: 72.243 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Tgt Ion:112 Resp: 468218
Ion Ratio Lower Upper
112 100
64 61.8 50.2 75.2
63 30.4 24.2 36.4



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: 71.624 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046289.D

Acq: 15 Aug 2020 00:04

Instrument :

BNA_G

ClientSampled :

MH-J08

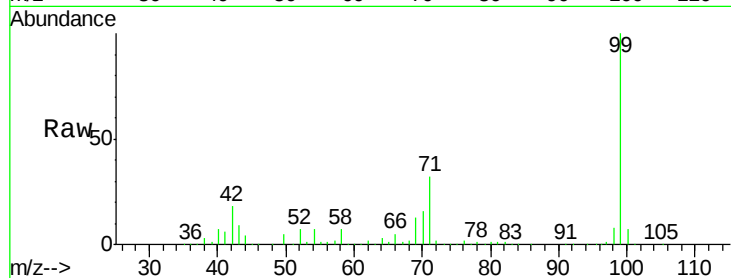
Tot Ion: 99 Resp: 632656

Ion Ratio Lower Upper

99 100

42 17.9 14.7 22.1

71 31.9 26.5 39.7

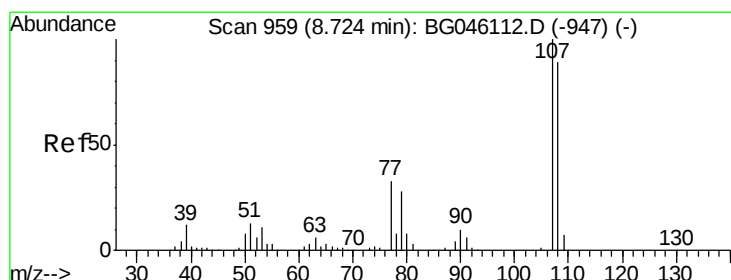
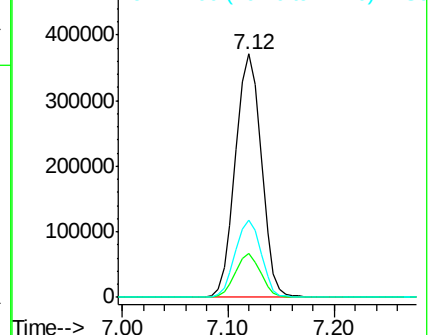
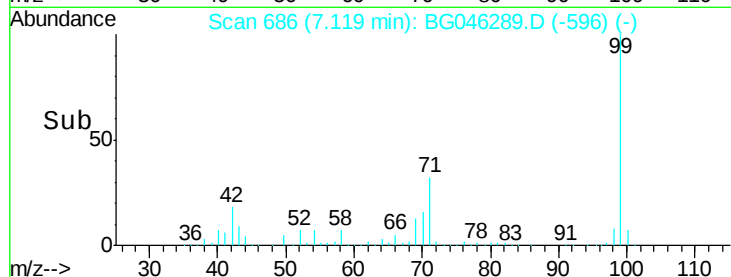


Abundance

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



#20

3+4-Methylphenols

Concen: 2.218 ng

RT: 8.71 min Scan# 957

Delta R.T. -0.01 min

Lab File: BG046289.D

Acq: 15 Aug 2020 00:04

Tgt Ion: 107 Resp: 18191

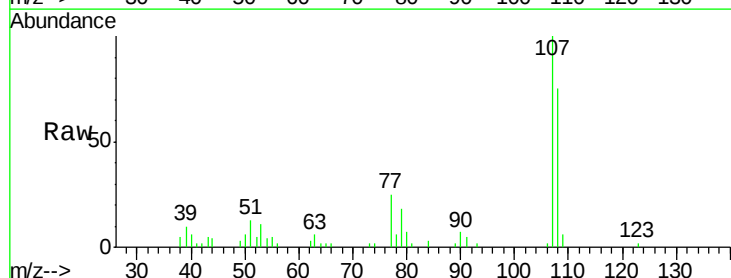
Ion Ratio Lower Upper

107 100

108 75.3 69.1 109.1

77 25.2 12.5 52.5

79 18.3 8.4 48.4



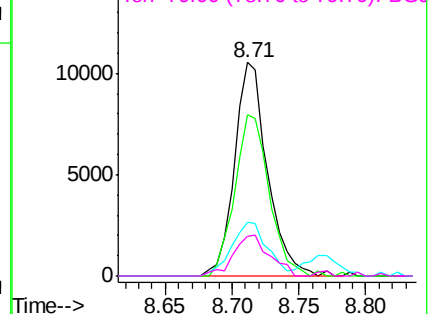
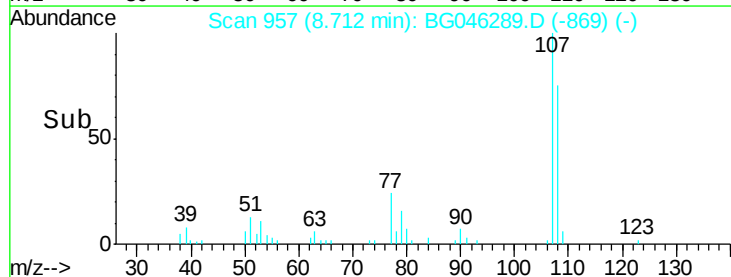
Abundance

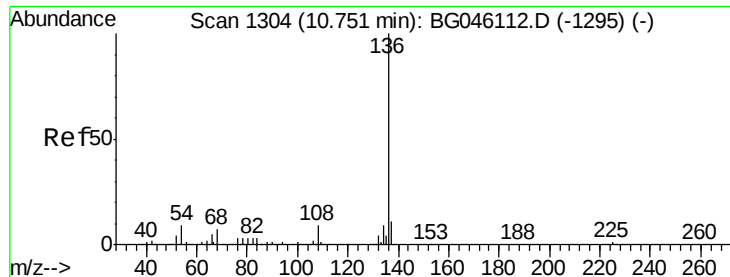
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

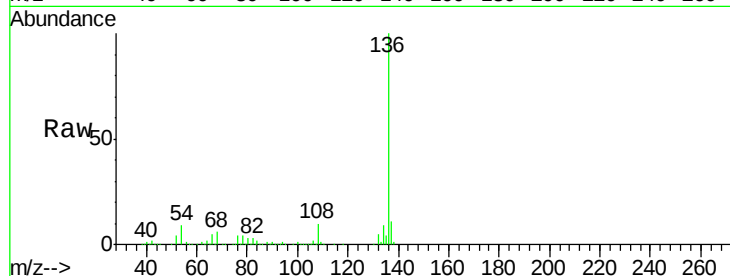




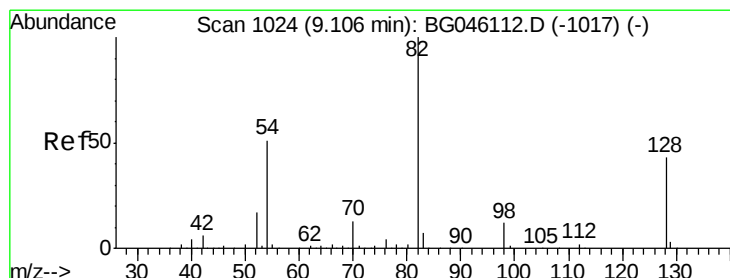
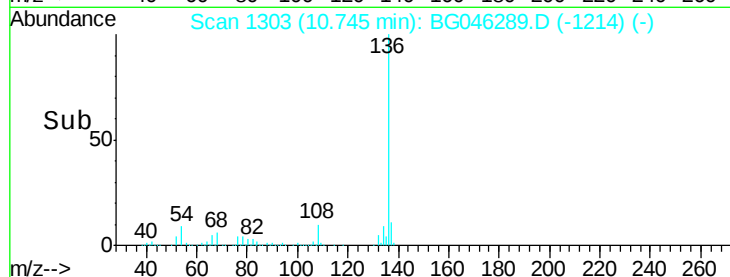
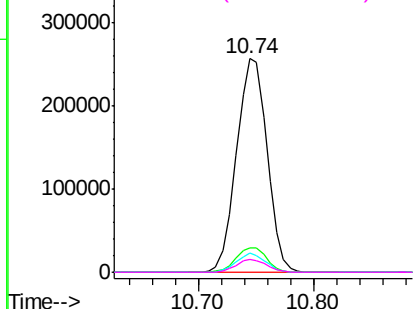
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Instrument :
BNA_G
ClientSampleId :
MH-J08

Tot Ion:136	Resp:	470264	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	8.8	13.2	
54 8.8	7.0	10.4	
68 5.9	5.3	7.9	

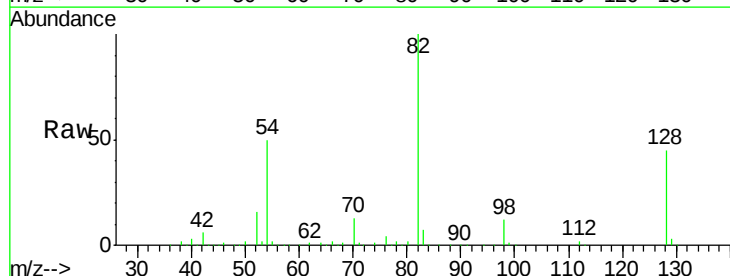


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

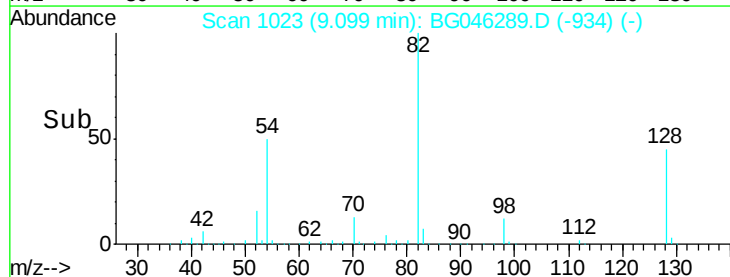
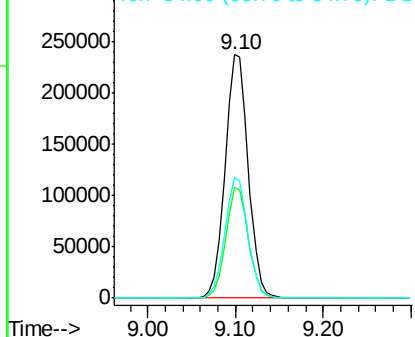


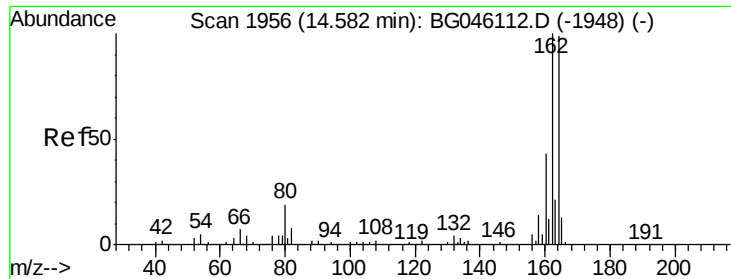
#23
Nitrobenzene-d5
Concen: 49.584 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Tgt	Ion: 82	Resp:	430672
Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.4	51.6
54	49.6	40.8	61.2



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: 14.58 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG046289.D

Acq: 15 Aug 2020 00:04

Instrument :

BNA_G

ClientSampled :

MH-J08

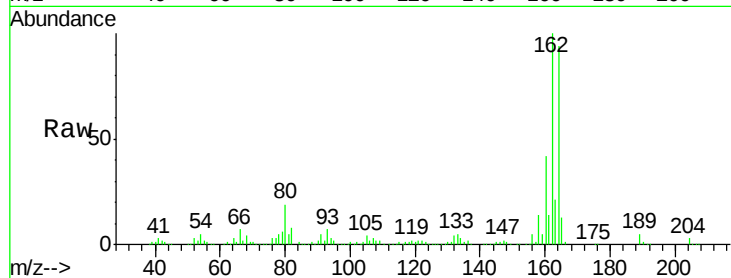
Tot Ion:164 Resp: 319172

Ion Ratio Lower Upper

164 100

162 106.2 80.6 121.0

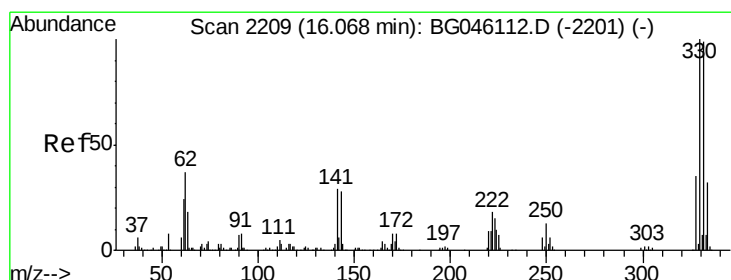
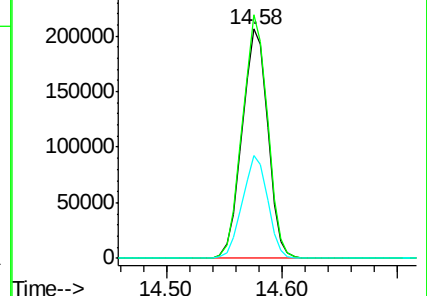
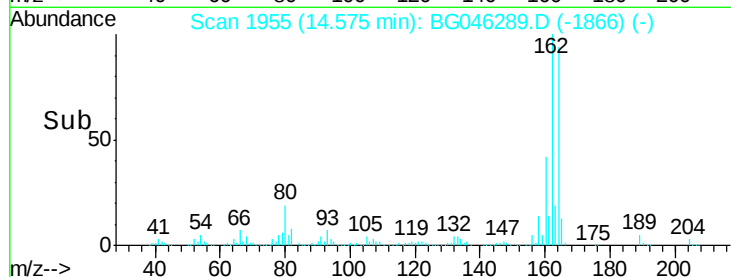
160 44.6 34.9 52.3



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: 73.675 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046289.D

Acq: 15 Aug 2020 00:04

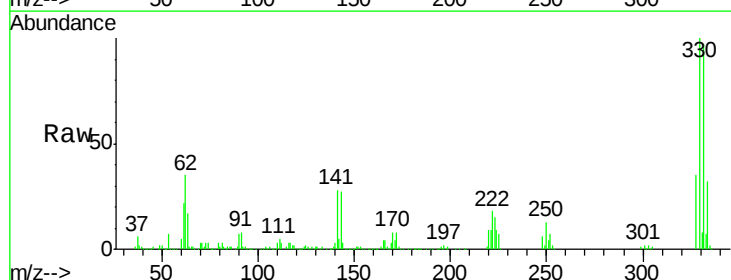
Tgt Ion:330 Resp: 361185

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

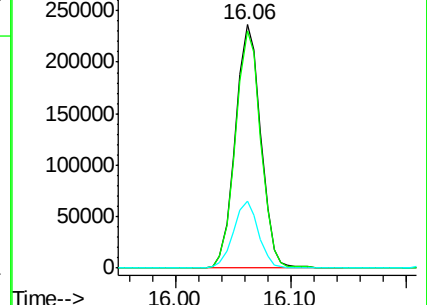
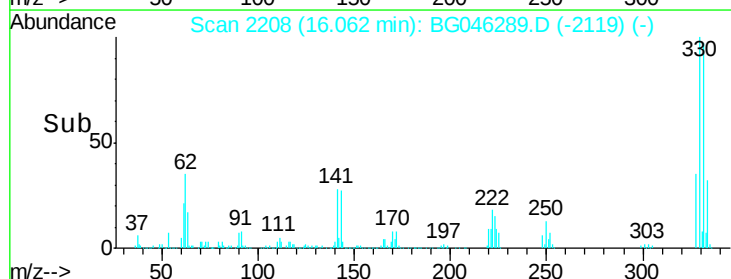
141 27.1 23.4 35.0

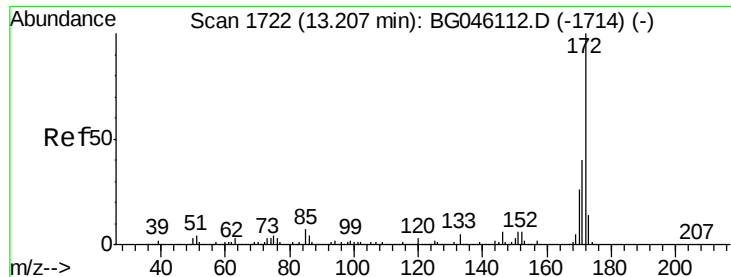


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

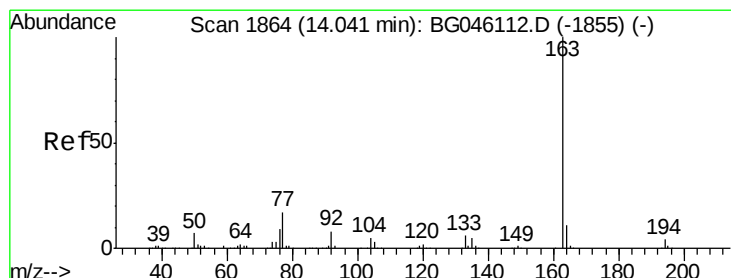
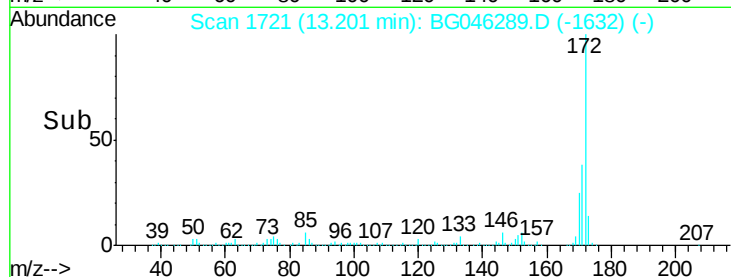
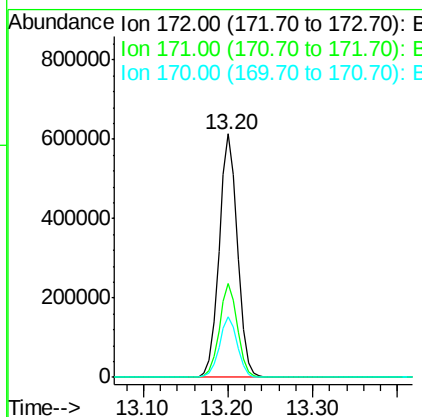
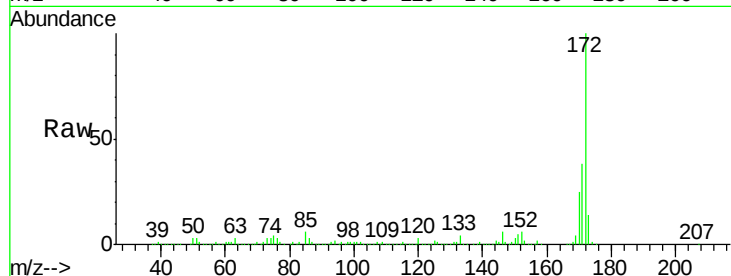




#45
2-Fluorobiphenyl
Concen: 42.249 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

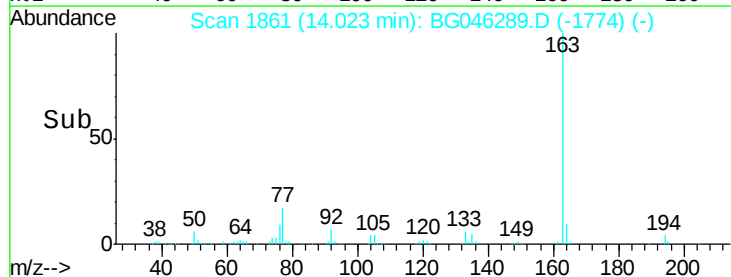
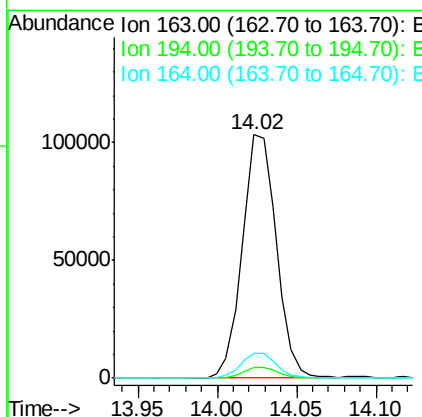
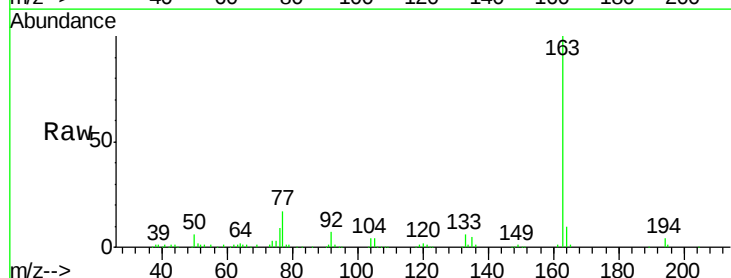
Instrument :
BNA_G
ClientSampleId :
MH-J08

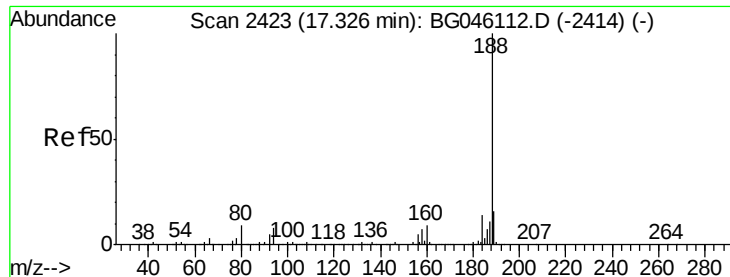
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.7	47.5
170	25.1	20.9	31.3



#50
Dimethylphthalate
Concen: 6.310 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.02 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.4	8.8	13.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG046289.D

Acq: 15 Aug 2020 00:04

Instrument :

BNA_G

ClientSampleId :

MH-J08

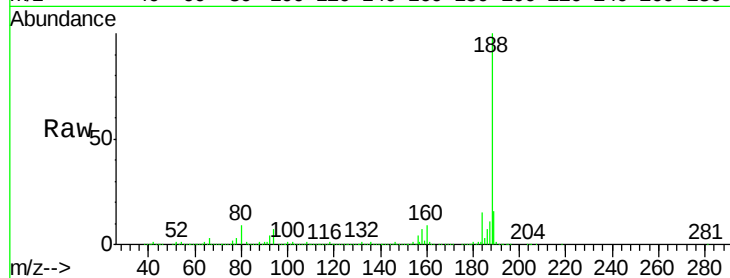
Tot Ion:188 Resp: 678185

Ion Ratio Lower Upper

188 100

94 7.4 6.4 9.6

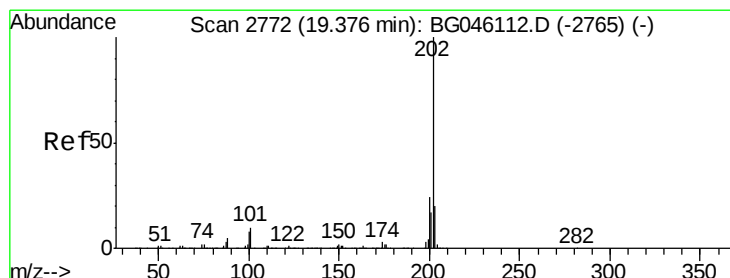
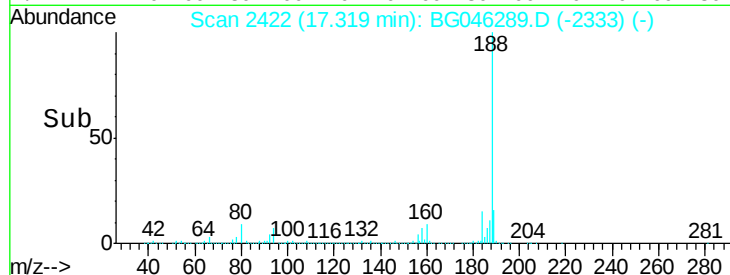
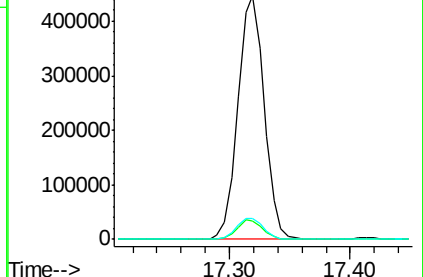
80 8.7 7.4 11.0



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



#75

Fluoranthene

Concen: 2.842 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG046289.D

Acq: 15 Aug 2020 00:04

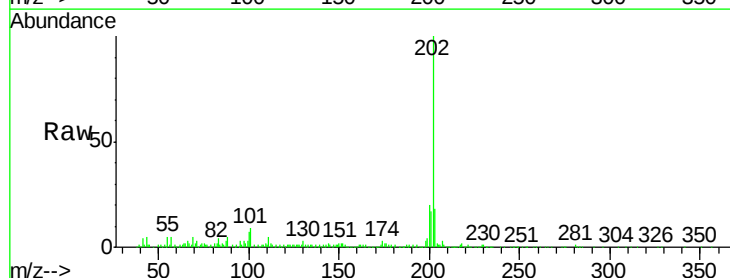
Tgt Ion:202 Resp: 131802

Ion Ratio Lower Upper

202 100

101 8.7 0.0 30.0

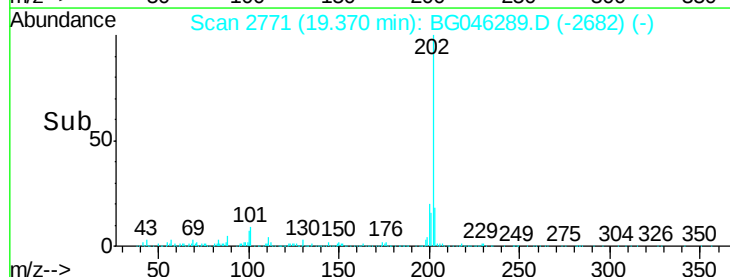
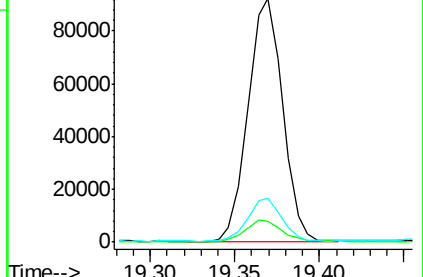
203 18.0 0.2 40.2

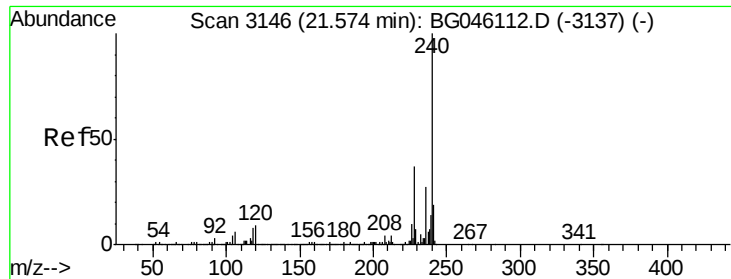


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

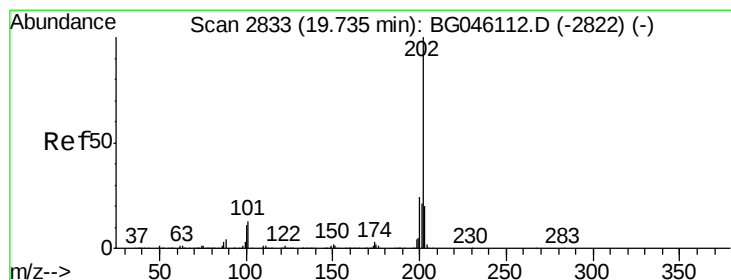
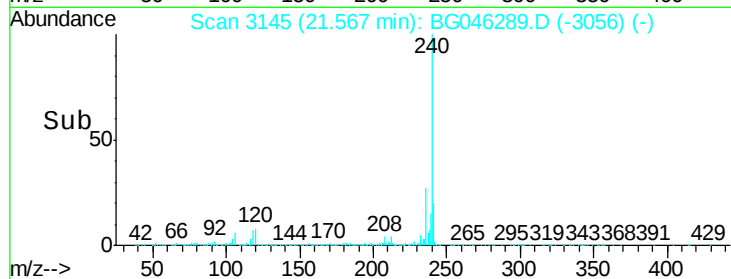
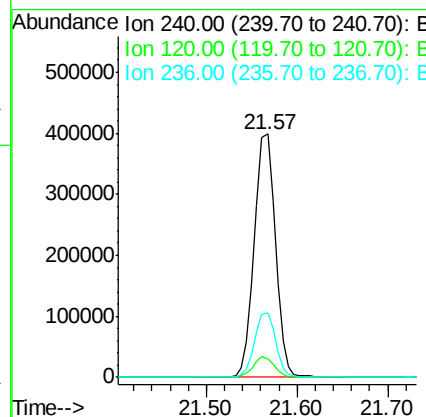
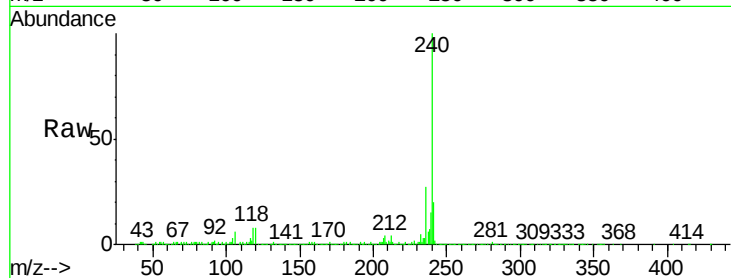




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

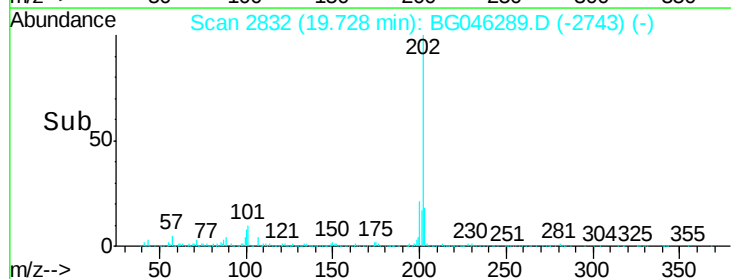
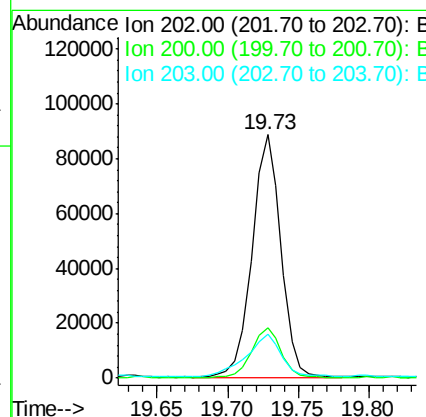
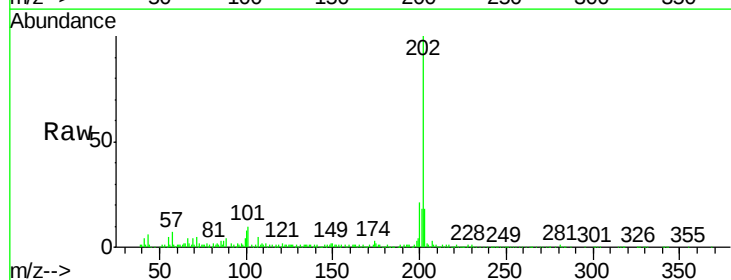
Instrument :
BNA_G
ClientSampleId :
MH-J08

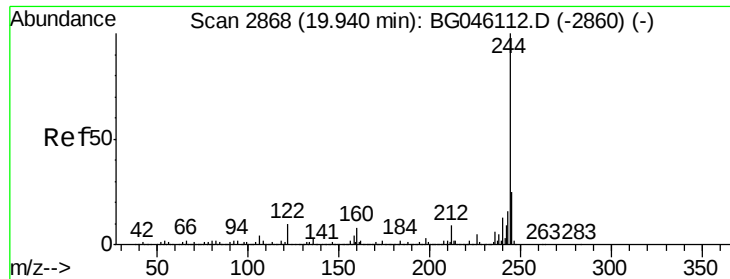
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.8	7.1	10.7
236	26.6	21.7	32.5



#78
Pyrene
Concen: 2.902 ng
RT: 19.73 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	19.5	29.3
203	18.3	16.2	24.2





#79

Terphenyl-d14

Concen: 35.984 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046289.D

Acq: 15 Aug 2020 00:04

Instrument :

BNA_G

ClientSampleId :

MH-J08

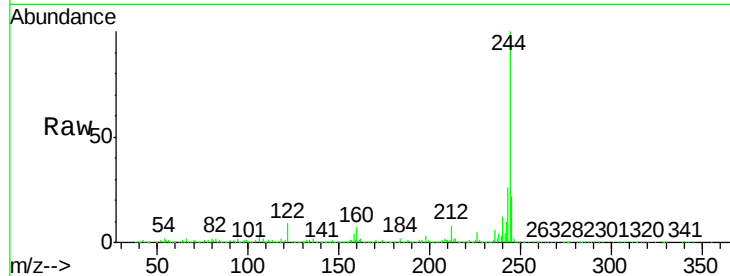
Tot Ion:244 Resp: 1145769

Ion	Ratio	Lower	Upper
244	100		
212	7.5	7.2	10.8
122	8.5	8.3	12.5

244 100

212 7.5 7.2 10.8

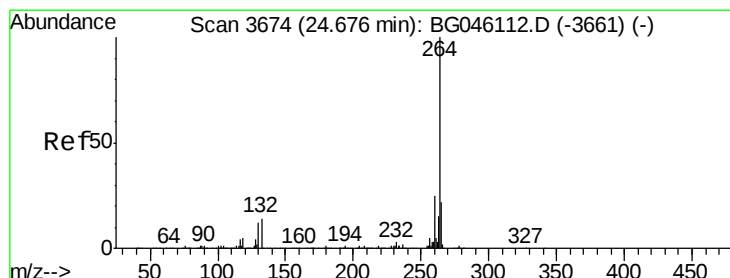
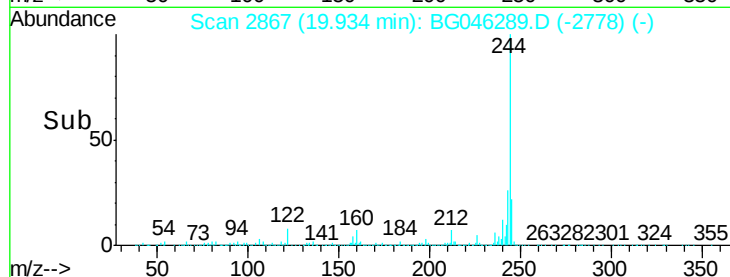
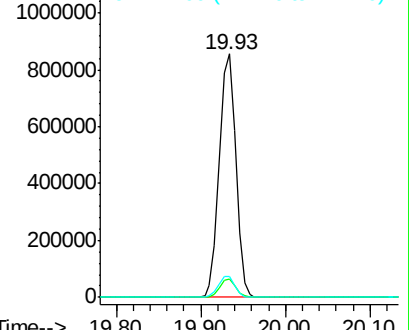
122 8.5 8.3 12.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.68 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BG046289.D

Acq: 15 Aug 2020 00:04

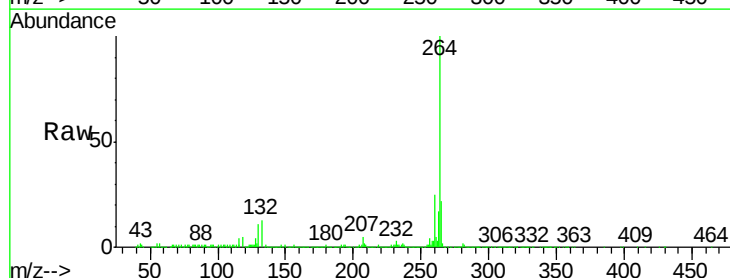
Tgt Ion:264 Resp: 693264

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.7	29.5
265	22.4	17.6	26.4

264 100

260 25.3 19.7 29.5

265 22.4 17.6 26.4



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

