

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
 Data File : BG045893.D
 Acq On : 30 Jun 2020 20:47
 Operator : CG/JU
 Sample : L3129-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1446

Quant Time: Jul 01 03:11:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 16:34:40 2020
 Response via : Initial Calibration

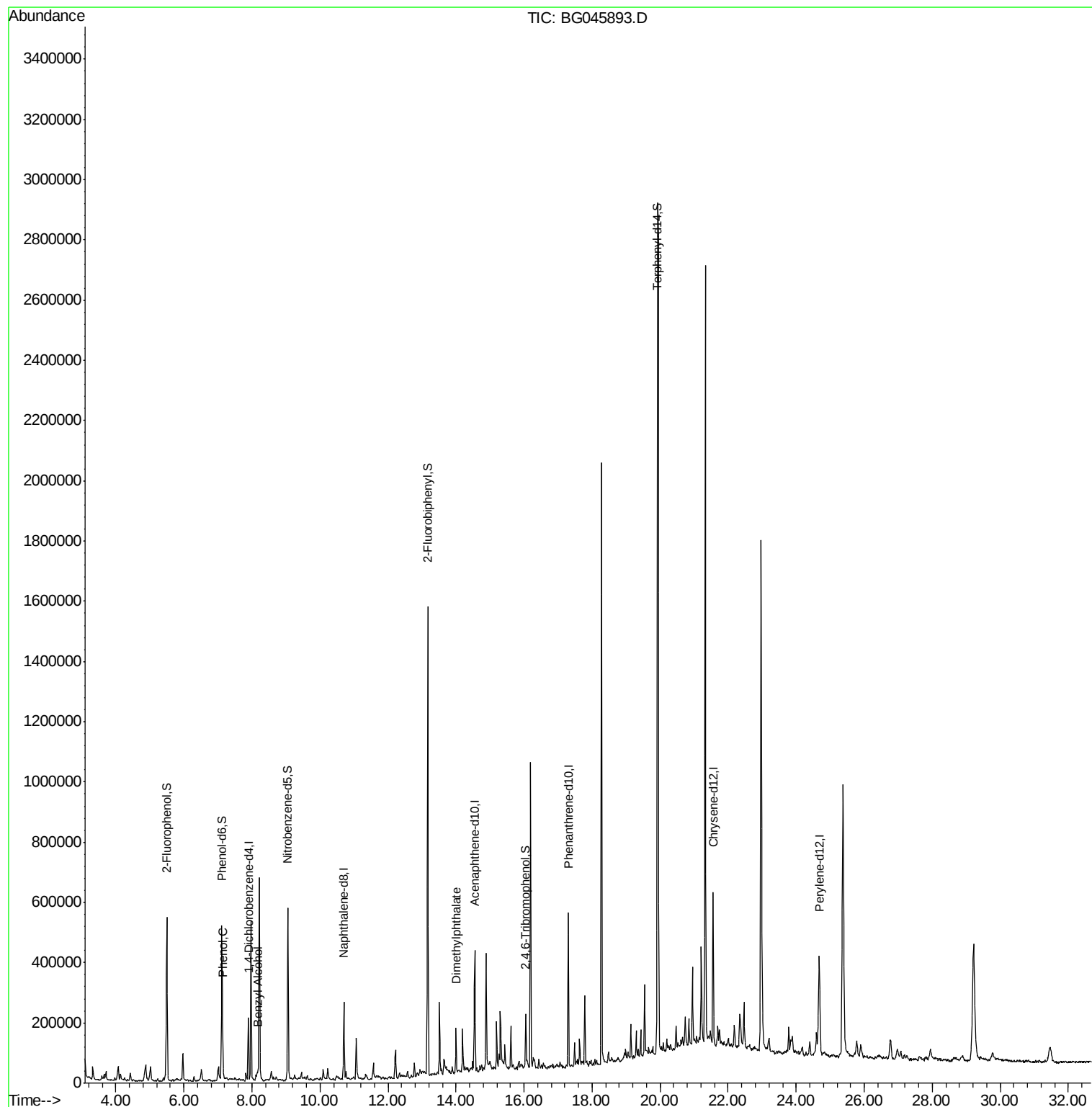
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	56885	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	220792	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	147389	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	326838	20.00	ng	0.00
76) Chrysene-d12	21.56	240	302249	20.00	ng	0.00
86) Perylene-d12	24.68	264	307170	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	260629	77.40	ng	0.00
7) Phenol-d6	7.12	99	329750	64.38	ng	0.00
23) Nitrobenzene-d5	9.06	82	369905	76.54	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	37924	17.04	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	828962	82.65	ng	0.00
79) Terphenyl-d14	19.92	244	1297456	87.00	ng	0.00
Target Compounds						
10) Phenol	7.14	94	53940	10.868	ng	98
15) Benzyl Alcohol	8.16	79	8863	2.236	ng	# 83
50) Dimethylphthalate	14.00	163	91283	7.906	ng	99

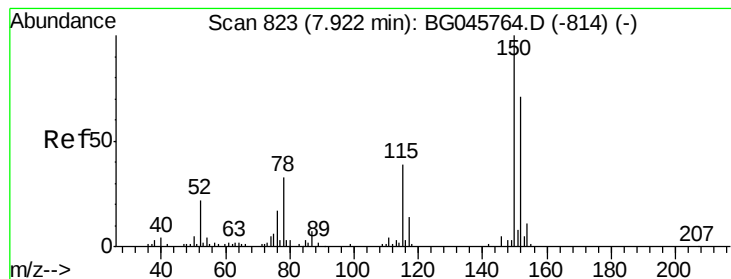
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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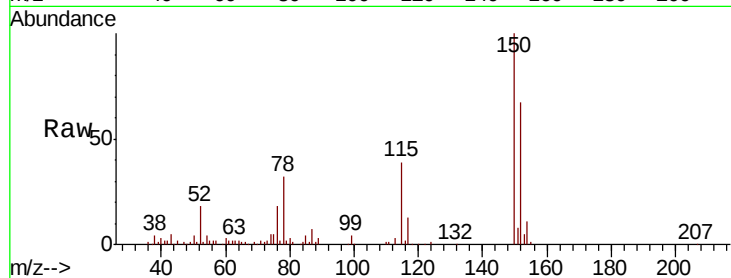


#1

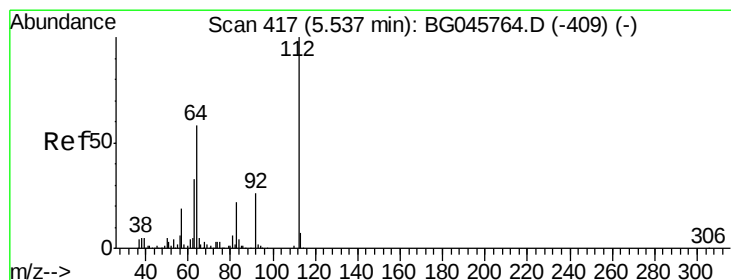
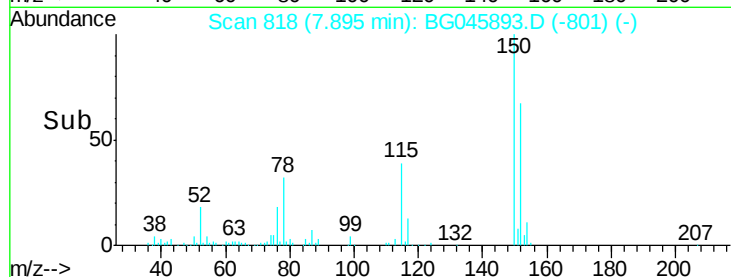
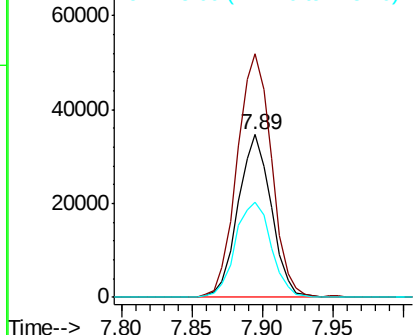
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 818
Delta R.T. 0.00 min
Lab File: BG045893.D
Acq: 30 Jun 2020 20:47

Instrument :
BNA_G
ClientSampleId :
1446

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.7	121.2	181.8
115	58.2	47.5	71.3



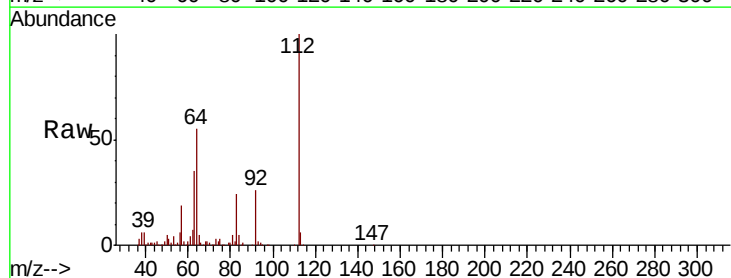
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



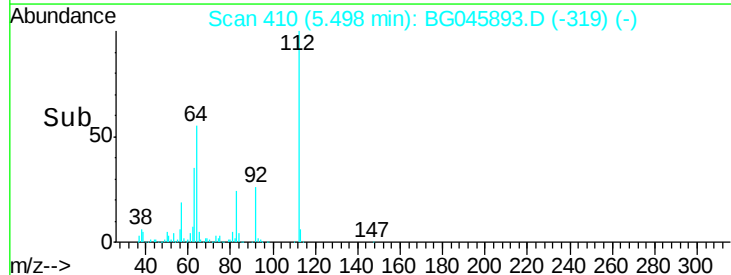
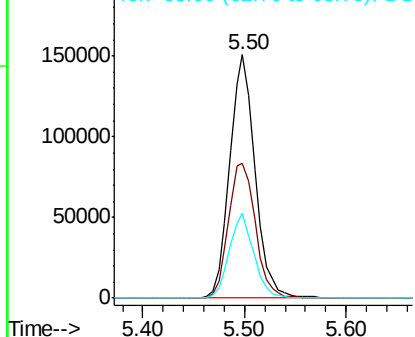
#5

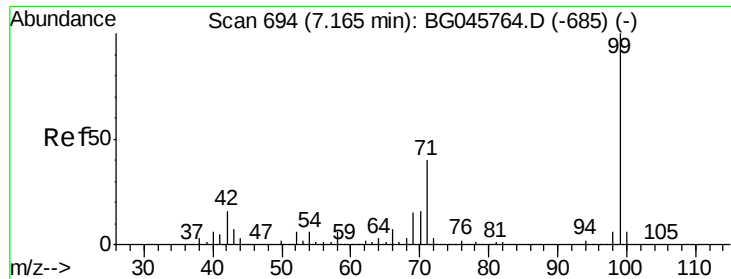
2-Fluorophenol
Concen: 77.395 ng
RT: 5.50 min Scan# 410
Delta R.T. 0.01 min
Lab File: BG045893.D
Acq: 30 Jun 2020 20:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	48.5	72.7
63	34.9	26.5	39.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 64.376 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.01 min

Lab File: BG045893.D

Acq: 30 Jun 2020 20:47

Instrument :

BNA_G

ClientSampleId :

1446

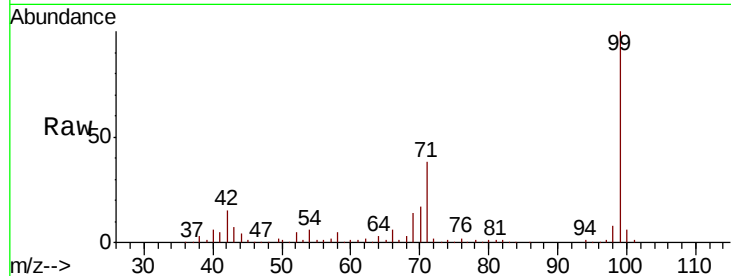
Tot Ion: 99 Resp: 329750

Ion Ratio Lower Upper

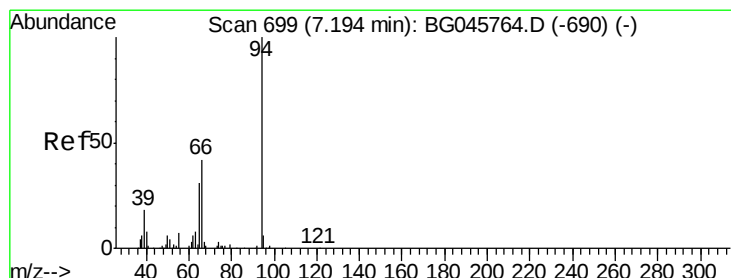
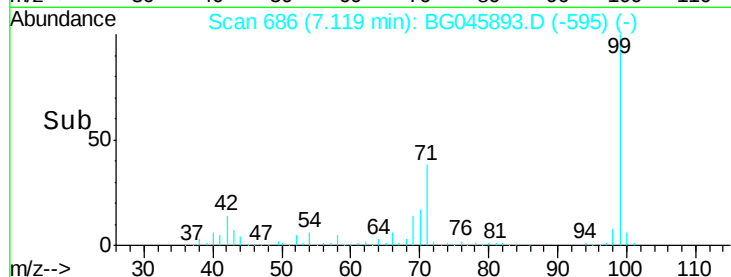
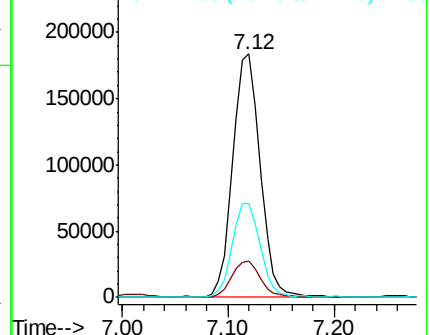
99 100

42 14.7 12.0 18.0

71 38.3 31.0 46.4



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



#10

Phenol

Concen: 10.868 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG045893.D

Acq: 30 Jun 2020 20:47

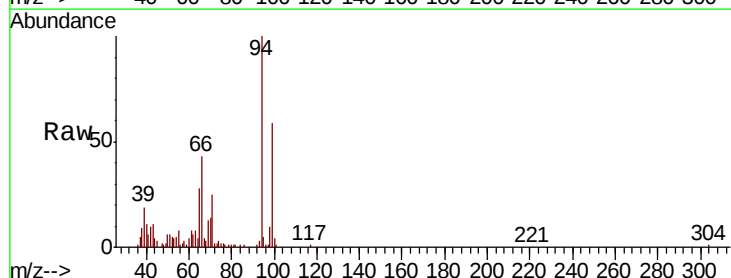
Tgt Ion: 94 Resp: 53940

Ion Ratio Lower Upper

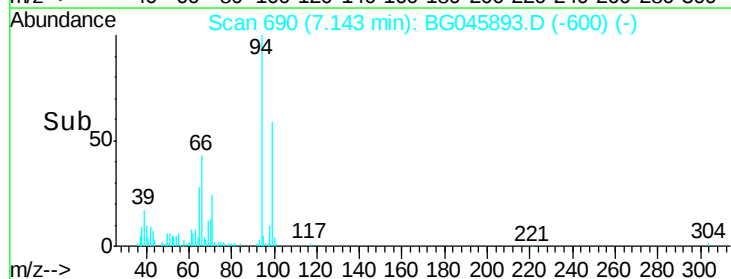
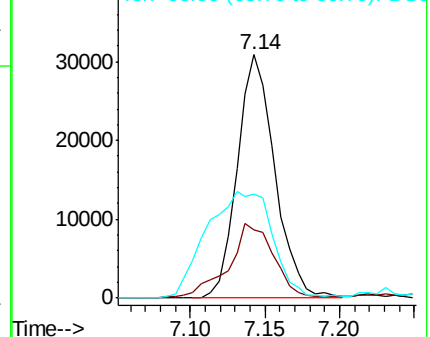
94 100

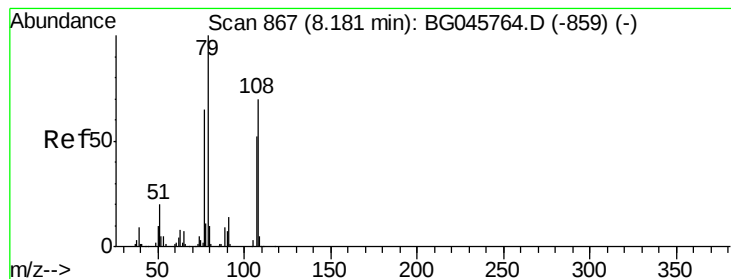
65 27.9 10.1 50.1

66 43.0 23.2 63.2



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





#15

Benzyl Alcohol

Concen: 2.236 ng

RT: 8.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: BG045893.D

Acq: 30 Jun 2020 20:47

Instrument :

BNA_G

ClientSampleId :

1446

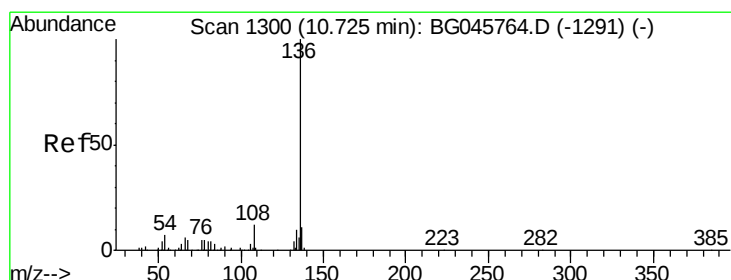
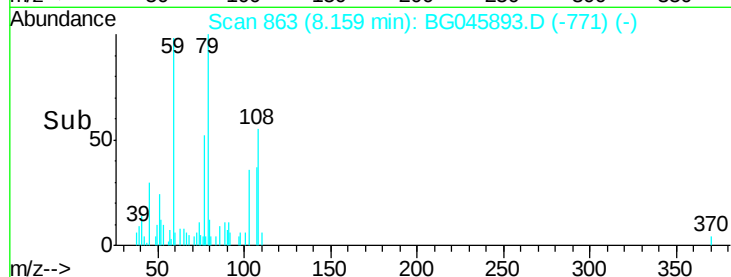
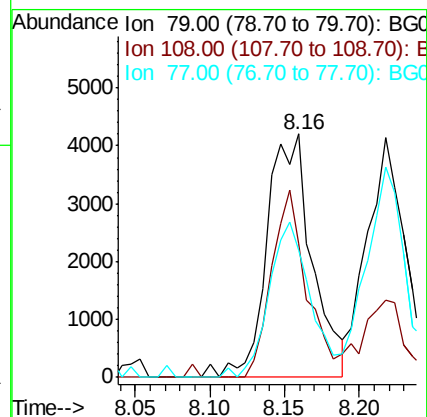
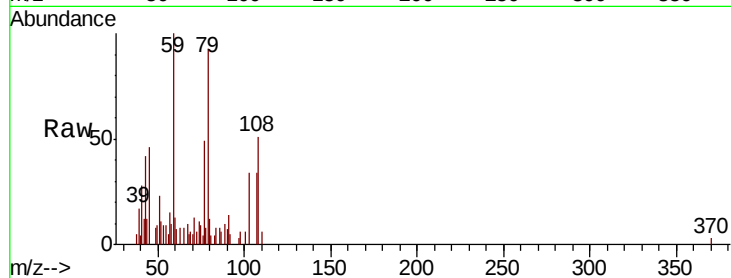
Tot Ion: 79 Resp: 8863

Ion Ratio Lower Upper

79 100

108 55.0 54.7 82.1

77 52.1 52.6 79.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.70 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BG045893.D

Acq: 30 Jun 2020 20:47

Tgt Ion: 136 Resp: 220792

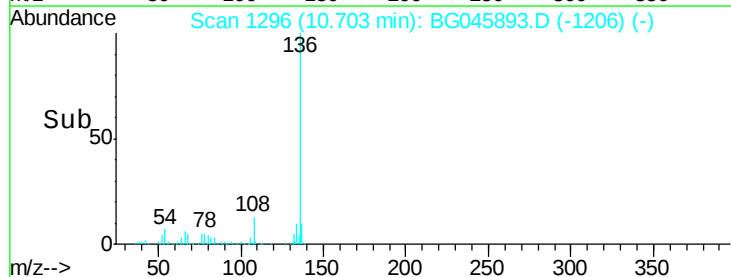
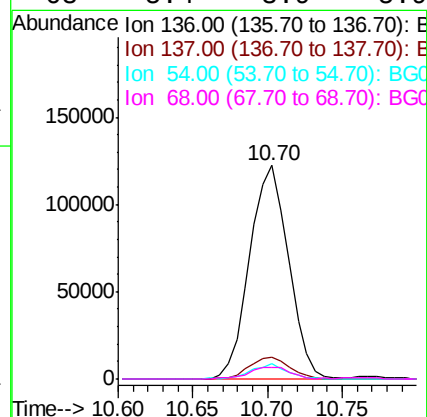
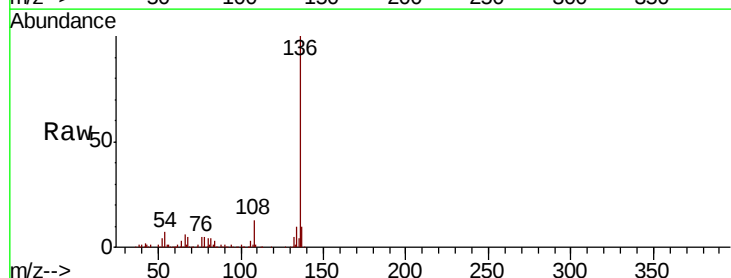
Ion Ratio Lower Upper

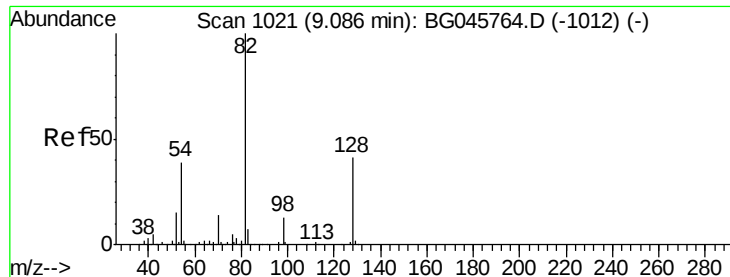
136 100

137 10.4 9.4 14.0

54 7.2 4.9 7.3

68 5.4 3.9 5.9

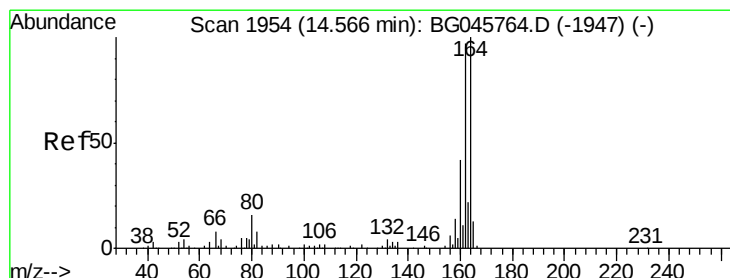
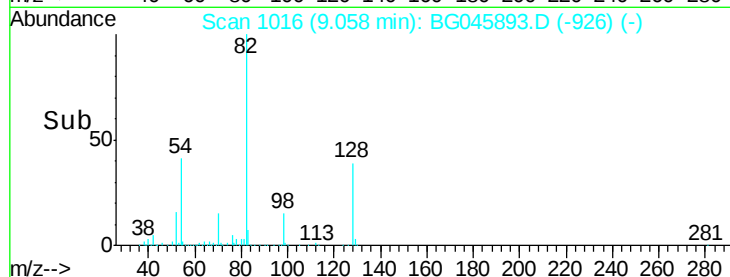
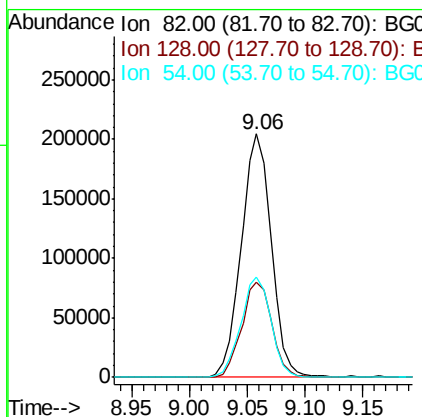
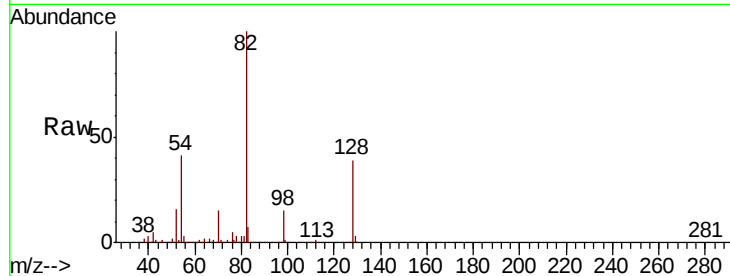




#23
Nitrobenzene-d5
Concen: 76.536 ng
RT: 9.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BG045893.D
Acq: 30 Jun 2020 20:47

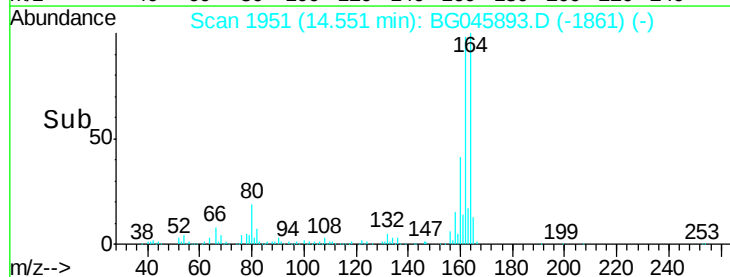
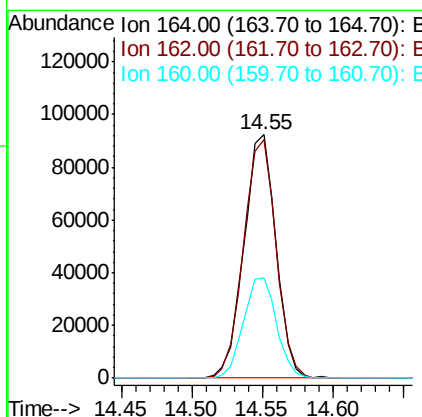
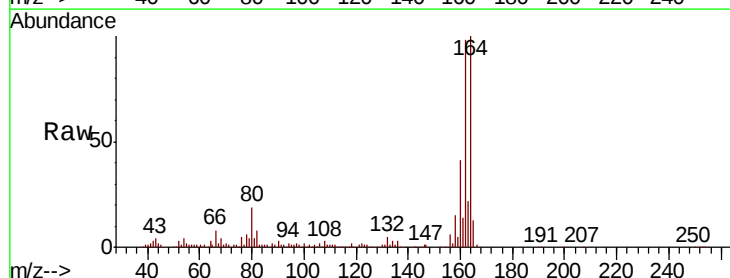
Instrument :
BNA_G
ClientSampleId :
1446

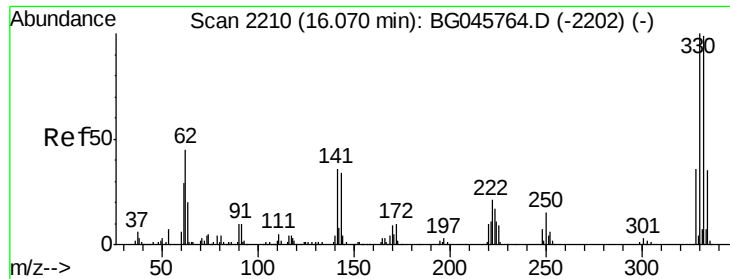
Tot Ion	82	Resp	369905
Ion Ratio	Lower	Upper	
82	100		
128	39.2	31.3	46.9
54	41.4	32.6	49.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG045893.D
Acq: 30 Jun 2020 20:47

Tgt Ion	164	Resp	147389
Ion Ratio	Lower	Upper	
164	100		
162	97.8	80.6	120.8
160	41.0	35.0	52.4





#42

2,4,6-Tribromophenol

Concen: 17.043 ng

RT: 16.05 min Scan# 2207

Delta R.T. 0.01 min

Lab File: BG045893.D

Acq: 30 Jun 2020 20:47

Instrument :

BNA_G

ClientSampleId :

1446

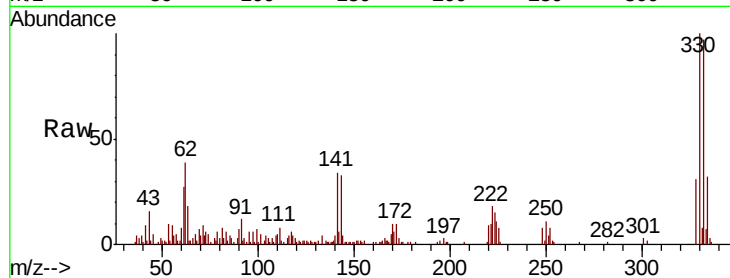
Tot Ion:330 Resp: 37924

Ion Ratio Lower Upper

330 100

332 95.2 76.6 114.8

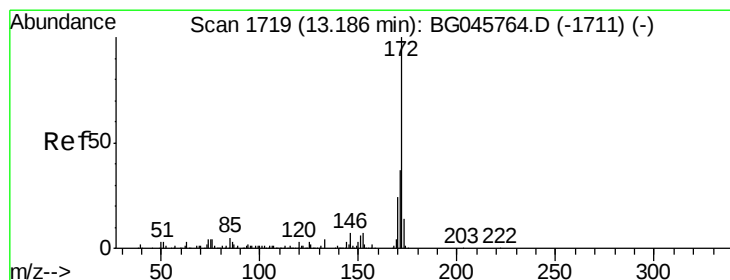
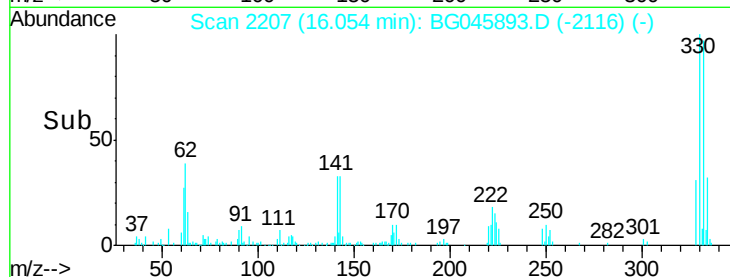
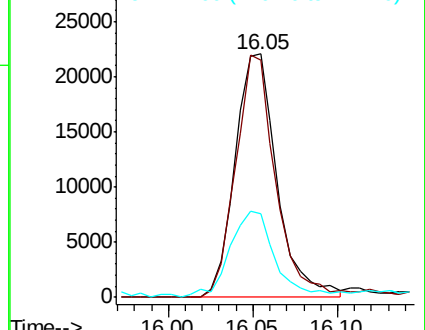
141 39.0 27.7 41.5



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: 82.653 ng

RT: 13.17 min Scan# 1716

Delta R.T. 0.00 min

Lab File: BG045893.D

Acq: 30 Jun 2020 20:47

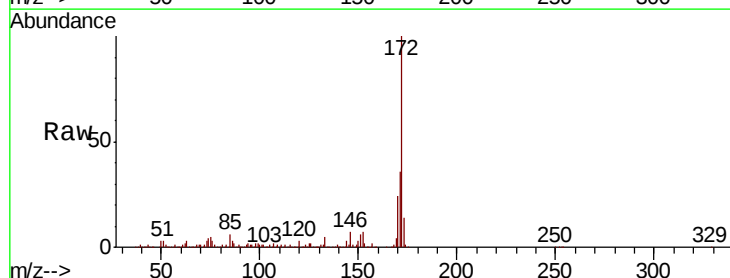
Tgt Ion:172 Resp: 828962

Ion Ratio Lower Upper

172 100

171 35.9 28.9 43.3

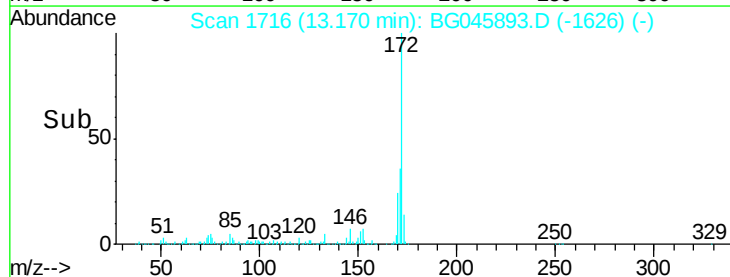
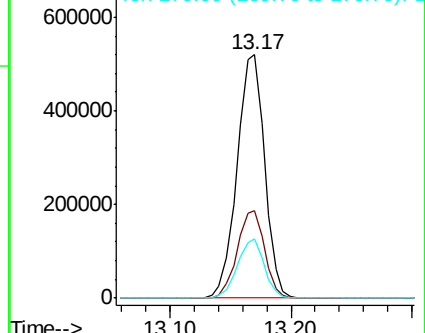
170 24.4 19.1 28.7

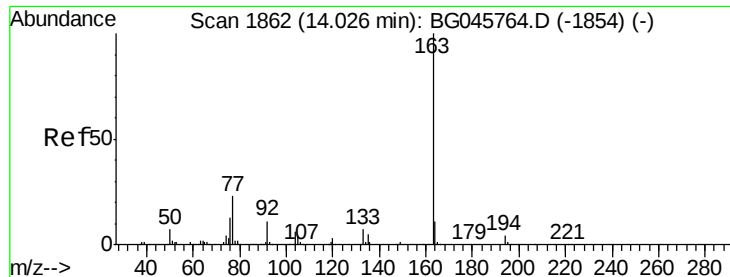


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.906 ng

RT: 14.00 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG045893.D

Acq: 30 Jun 2020 20:47

Instrument :

BNA_G

ClientSampleId :

1446

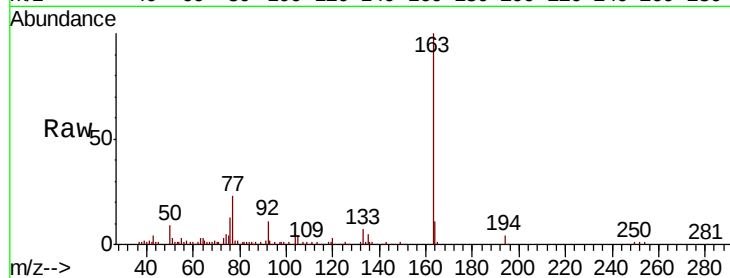
Tot Ion:163 Resp: 91283

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

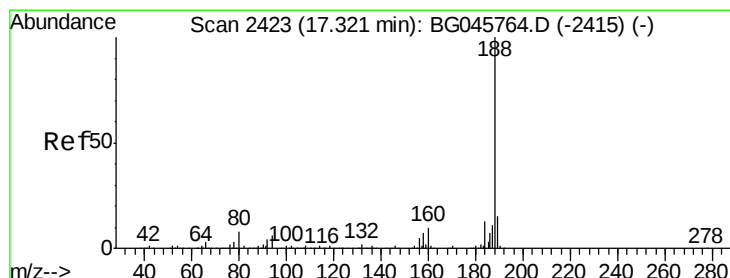
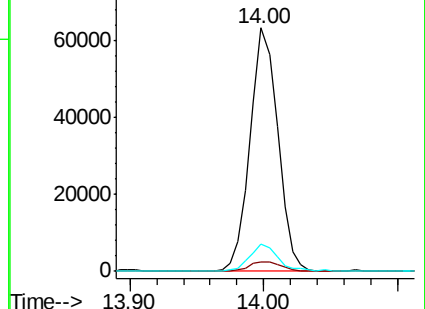
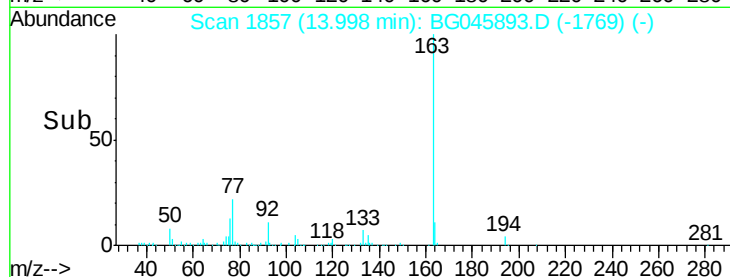
164 11.2 8.8 13.2



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: 17.30 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BG045893.D

Acq: 30 Jun 2020 20:47

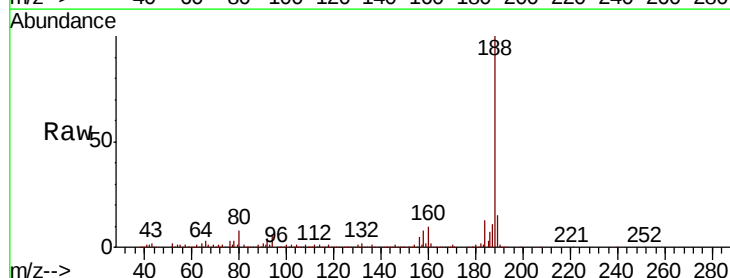
Tgt Ion:188 Resp: 326838

Ion Ratio Lower Upper

188 100

94 6.5 5.7 8.5

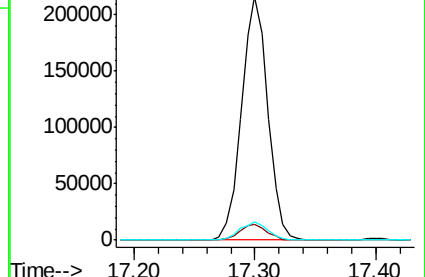
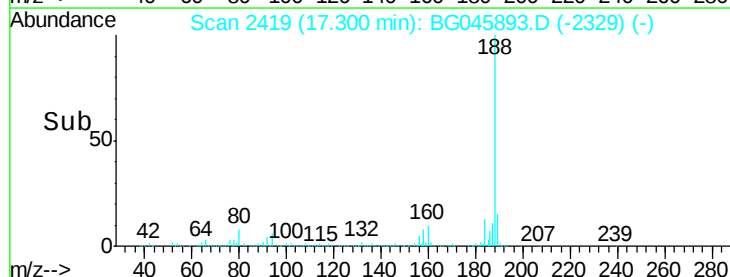
80 7.7 6.6 10.0

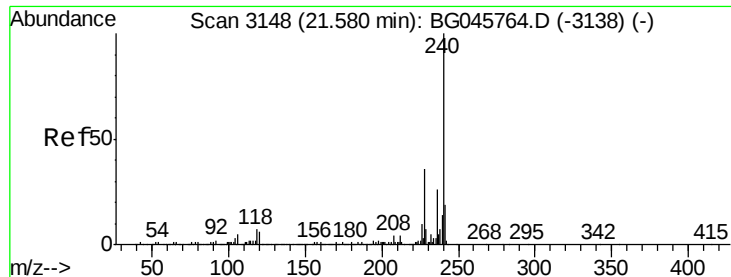


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

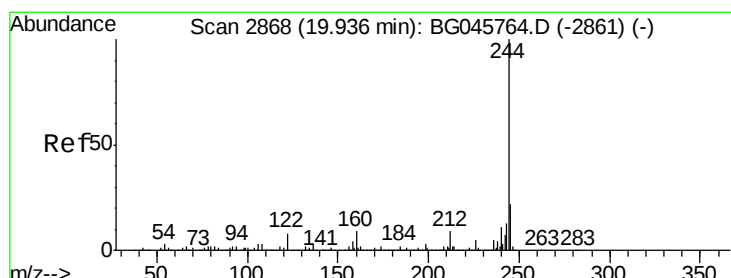
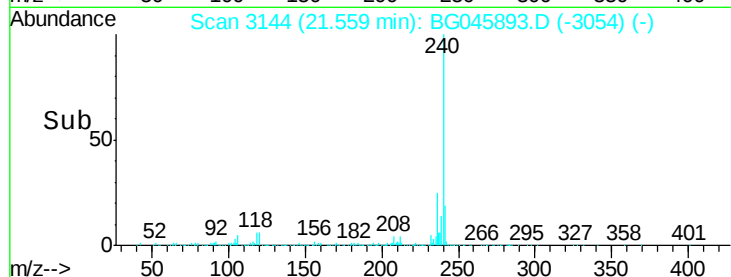
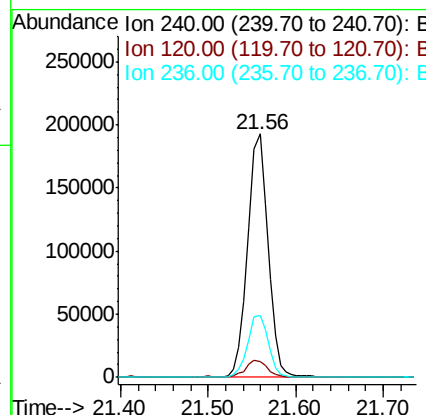
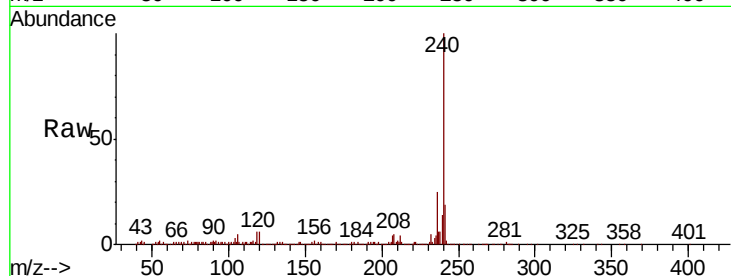




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BG045893.D
Acq: 30 Jun 2020 20:47

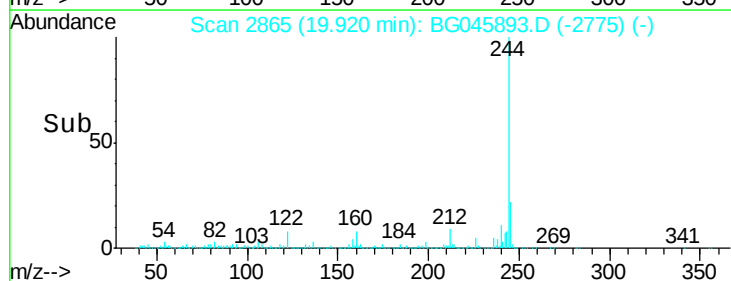
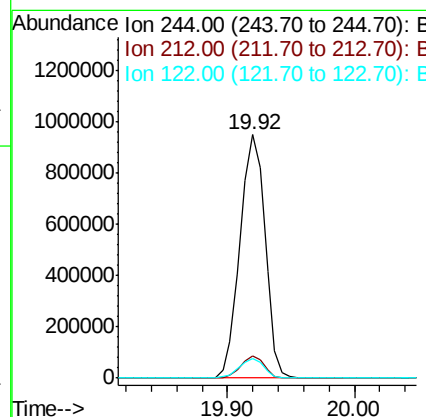
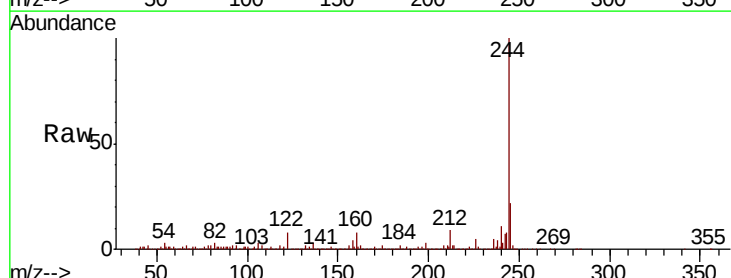
Instrument :
BNA_G
ClientSampled :
1446

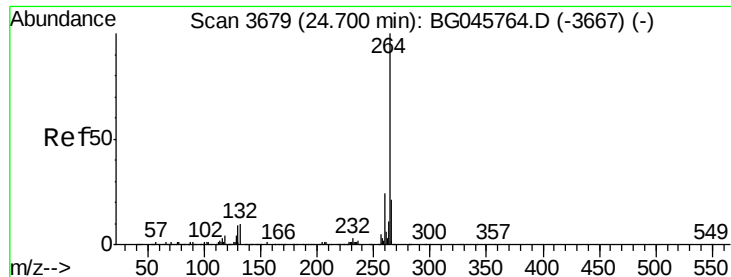
Tot Ion:240 Resp: 302249
Ion Ratio Lower Upper
240 100
120 6.3 5.6 8.4
236 25.4 21.3 31.9



#79
Terphenyl-d14
Concen: 86.995 ng
RT: 19.92 min Scan# 2865
Delta R.T. 0.00 min
Lab File: BG045893.D
Acq: 30 Jun 2020 20:47

Tgt Ion:244 Resp: 1297456
Ion Ratio Lower Upper
244 100
212 9.0 7.2 10.8
122 8.0 6.9 10.3

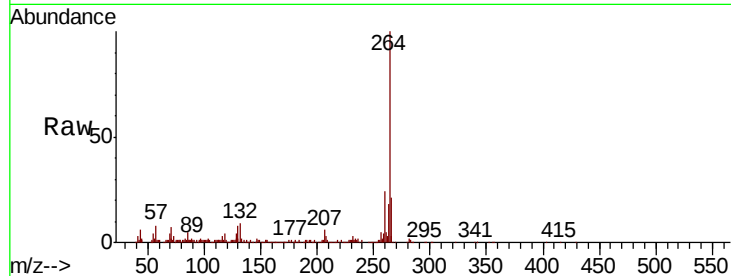




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.68 min Scan# 3675
 Delta R.T. 0.01 min
 Lab File: BG045893.D
 Acq: 30 Jun 2020 20:47

Instrument :
 BNA_G
 ClientSampleId :
 1446

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.4	17.4	26.0



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

