

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062320\
 Data File : BG045838.D
 Acq On : 23 Jun 2020 13:35
 Operator : CG/JU
 Sample : L3033-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW011-200615

Quant Time: Jun 23 14:28:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

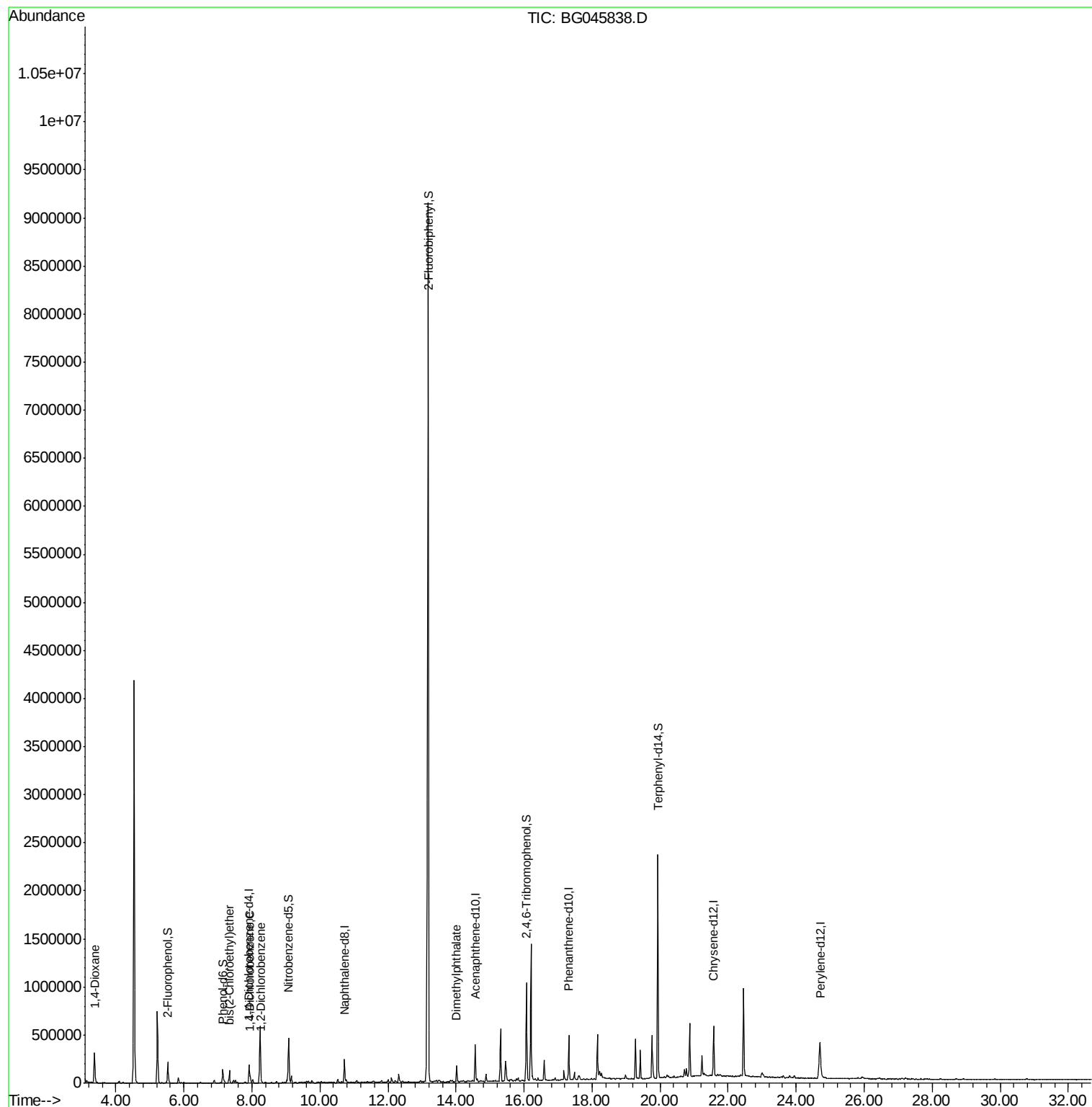
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	54454	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	210760	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	142982	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	316620	20.00	ng	0.00
76) Chrysene-d12	21.57	240	317357	20.00	ng	0.00
86) Perylene-d12	24.70	264	346273	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	110752	34.36	ng	0.00
7) Phenol-d6	7.14	99	102745	20.95	ng	-0.02
23) Nitrobenzene-d5	9.08	82	323166	70.05	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	185586	85.97	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	670080	68.87	ng	0.00
79) Terphenyl-d14	19.93	244	1178951	75.29	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	252474	171.004	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	82662	22.906	ng	95
13) 1,4-Dichlorobenzene	7.95	146	29191	7.107	ng	97
14) 1,2-Dichlorobenzene	8.27	146	10112	2.572	ng	91
50) Dimethylphthalate	14.02	163	113041	10.092	ng	98

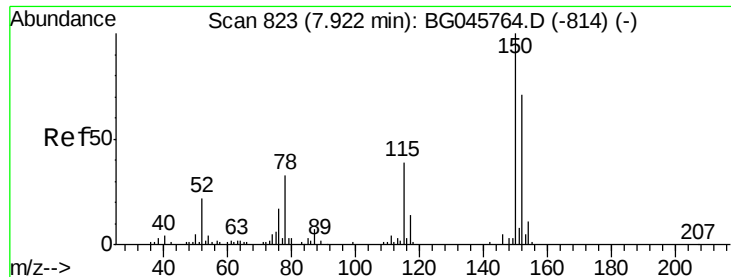
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



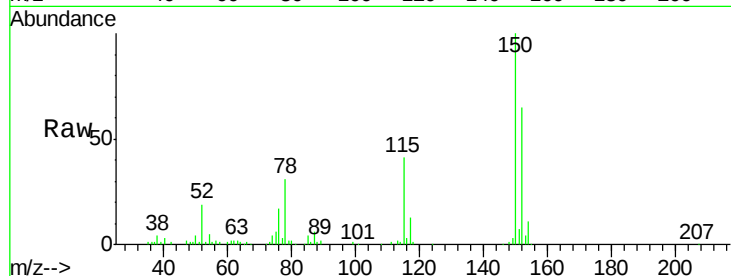


#1

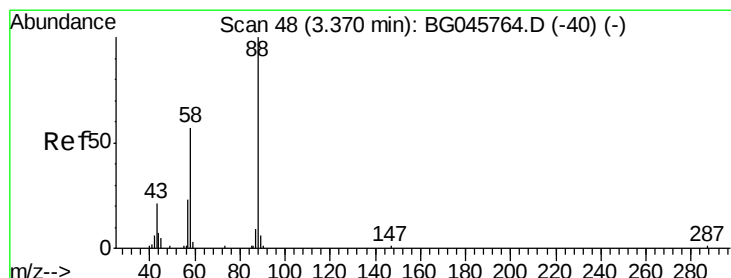
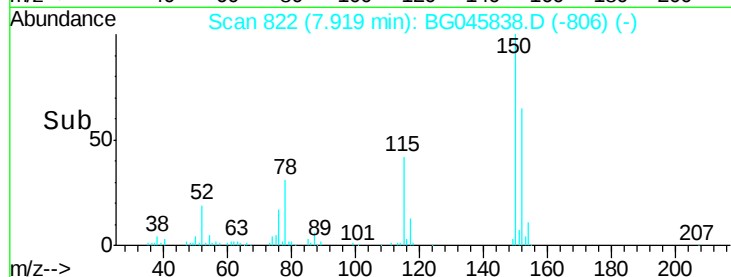
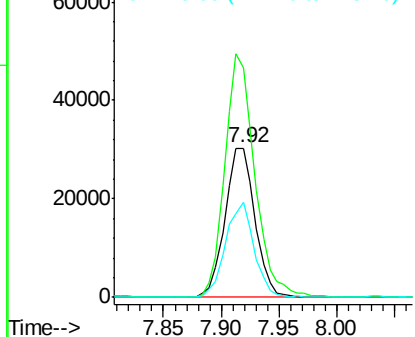
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Instrument :
BNA_G
ClientSampleId :
SS043MW011-200615

Tot Ion:152 Resp: 54454
Ion Ratio Lower Upper
152 100
150 153.7 113.1 169.7
115 63.6 43.8 65.6



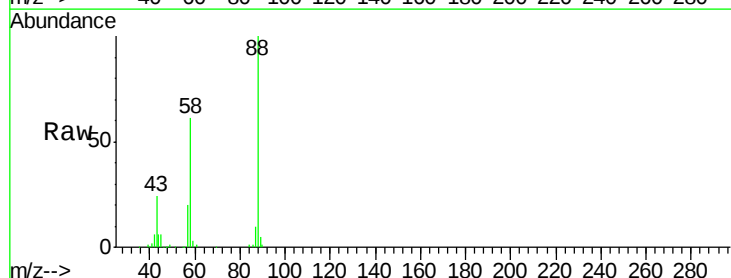
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



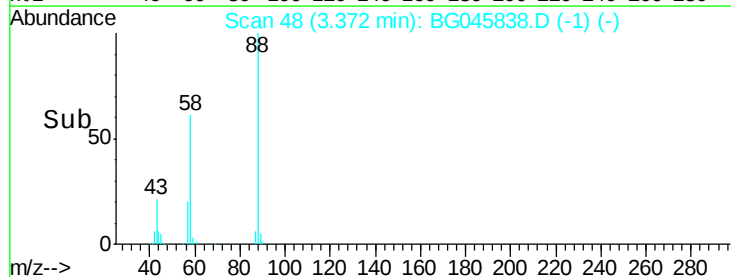
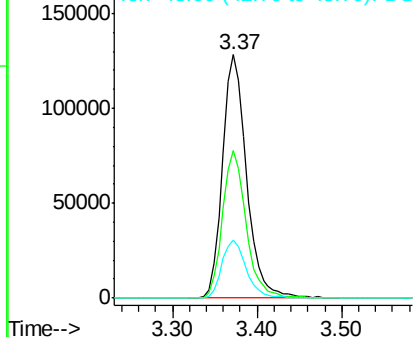
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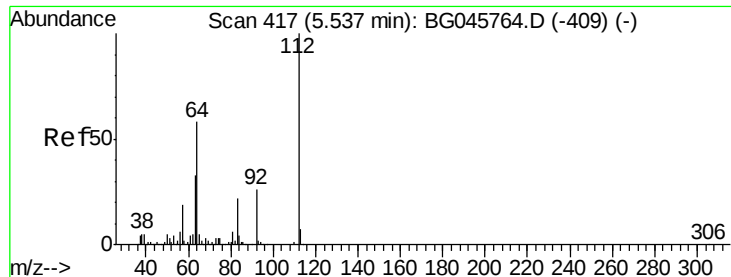
1,4-Dioxane
Concen: 171.004 ng
RT: 3.37 min Scan# 48
Delta R.T. 0.00 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Tgt Ion: 88 Resp: 252474
Ion Ratio Lower Upper
88 100
58 59.6 46.1 69.1
43 24.1 19.2 28.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 34.357 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG045838.D

Acq: 23 Jun 2020 13:35

Instrument :

BNA_G

ClientSampleId :

SS043MW011-200615

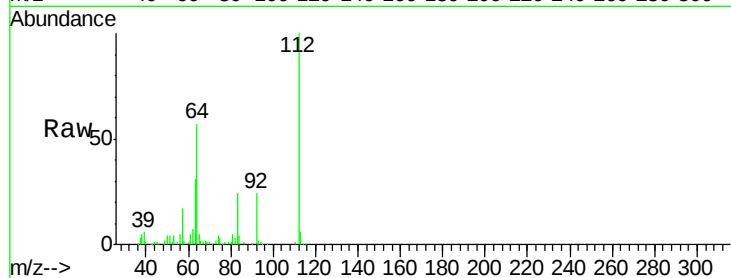
Tot Ion:112 Resp: 110752

Ion Ratio Lower Upper

112 100

64 57.1 46.6 69.8

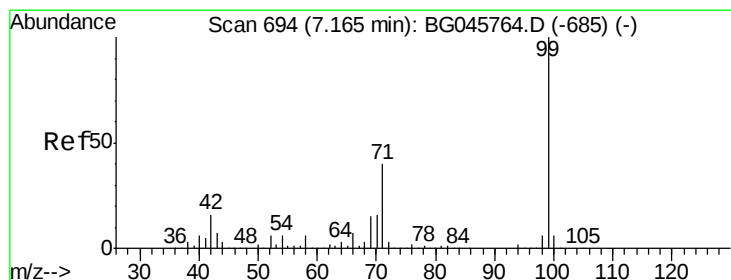
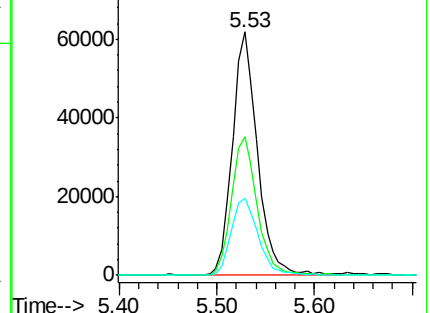
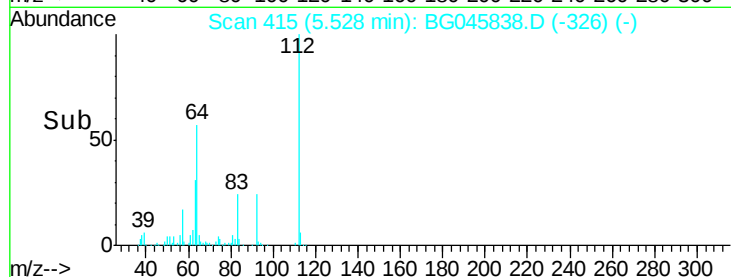
63 31.5 26.3 39.5



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 20.954 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.02 min

Lab File: BG045838.D

Acq: 23 Jun 2020 13:35

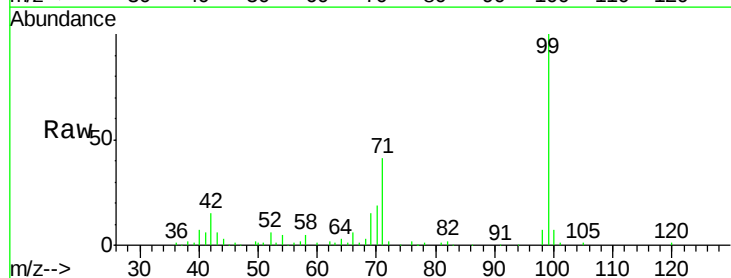
Tgt Ion: 99 Resp: 102745

Ion Ratio Lower Upper

99 100

42 14.8 12.4 18.6

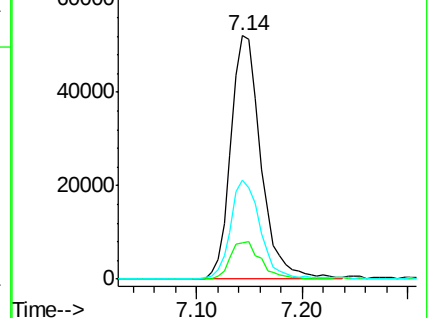
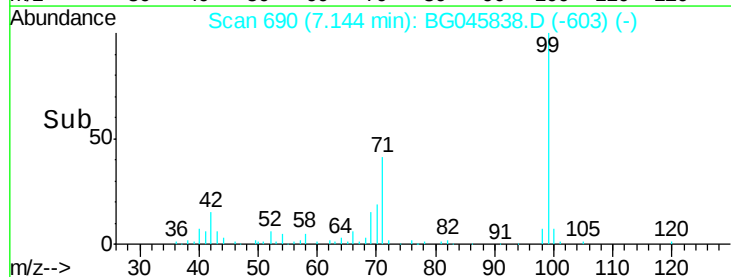
71 40.6 32.1 48.1

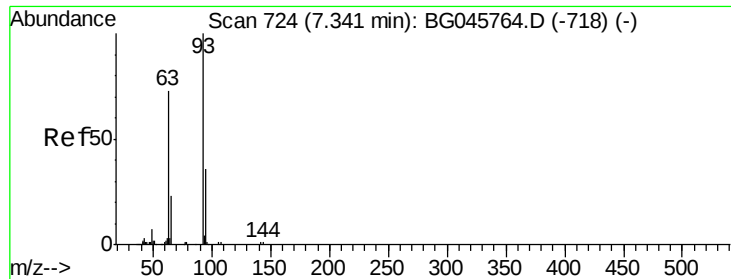


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

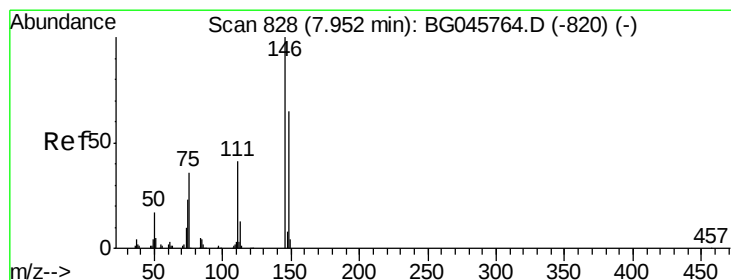
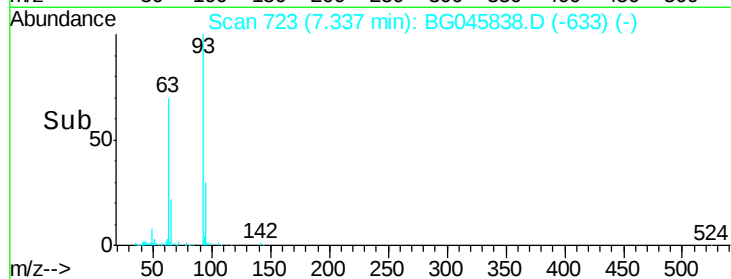
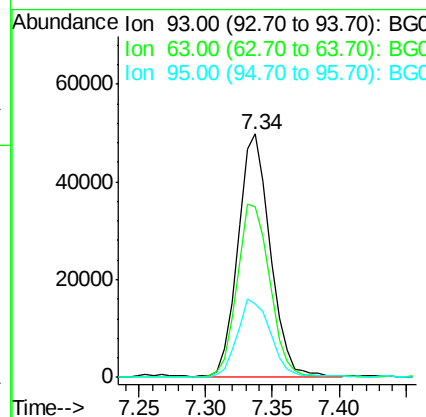
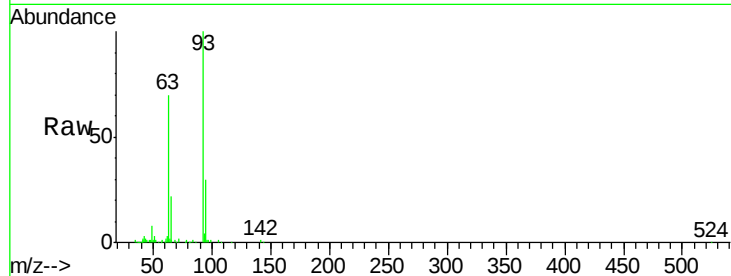




#11
bis(2-Chloroethyl)ether
Concen: 22.906 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

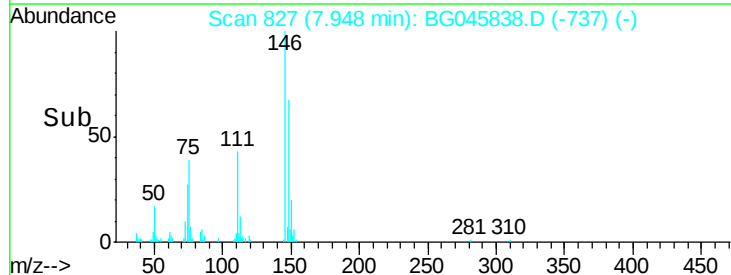
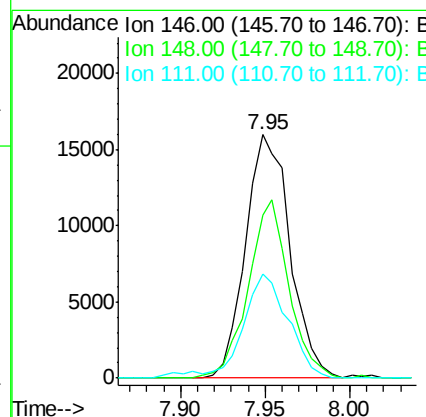
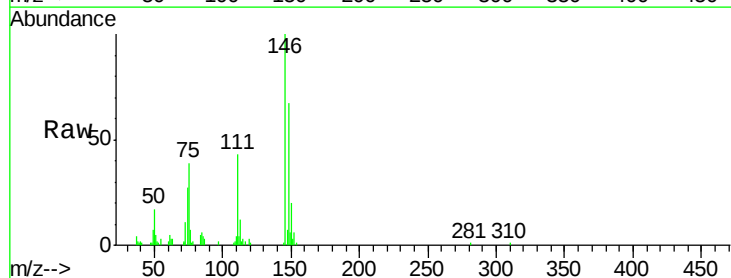
Instrument :
BNA_G
ClientSampleId :
SS043MW011-200615

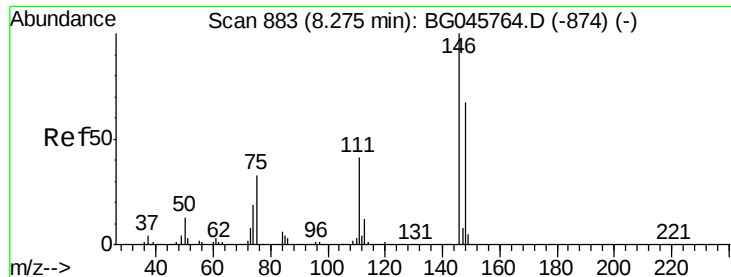
Tot Ion: 93 Resp: 82662
Ion Ratio Lower Upper
93 100
63 70.1 52.0 92.0
95 30.2 15.6 55.6



#13
1,4-Dichlorobenzene
Concen: 7.107 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Tgt Ion: 146 Resp: 29191
Ion Ratio Lower Upper
146 100
148 67.1 51.8 77.6
111 42.6 32.8 49.2





#14

1,2-Dichlorobenzene

Concen: 2.572 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG045838.D

Acq: 23 Jun 2020 13:35

Instrument :

BNA_G

ClientSampleId :

SS043MW011-200615

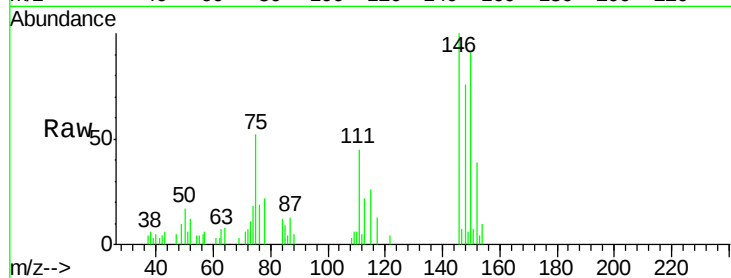
Tot Ion:146 Resp: 10112

Ion Ratio Lower Upper

146 100

148 76.4 54.1 81.1

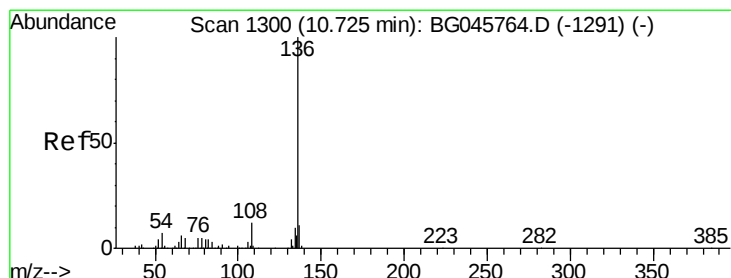
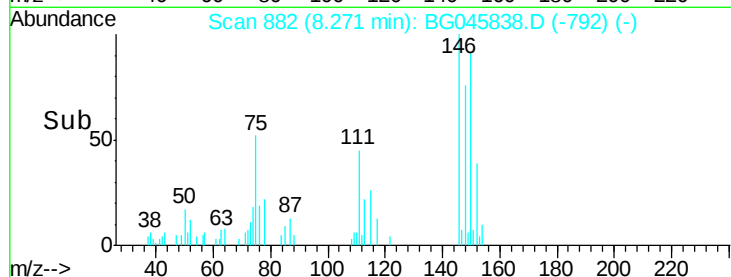
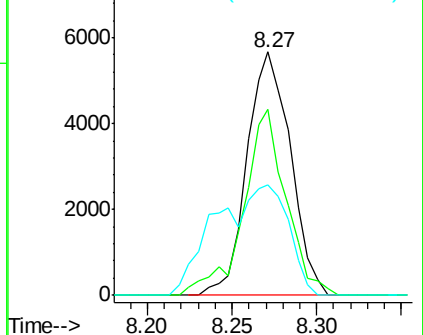
111 45.4 32.9 49.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG045838.D

Acq: 23 Jun 2020 13:35

Tgt Ion:136 Resp: 210760

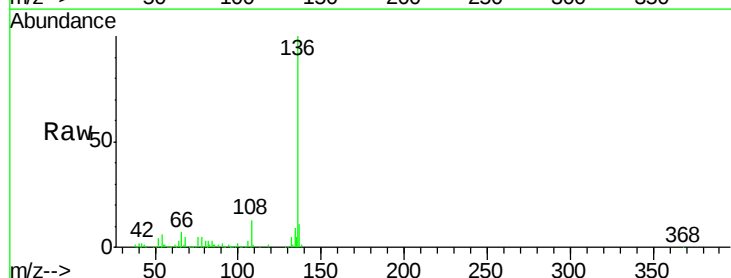
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.2 5.8 8.6

68 5.0 4.0 6.0

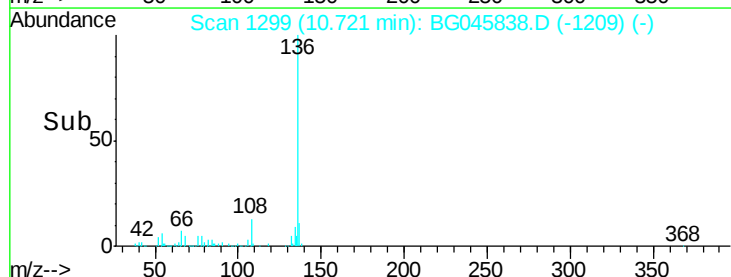
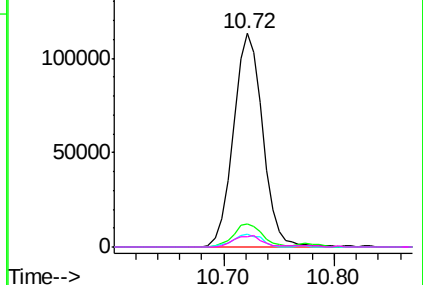


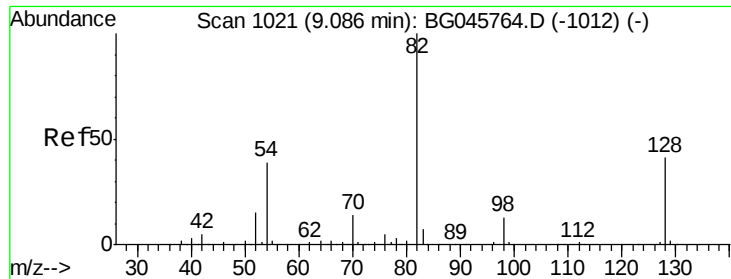
Abundance Ion 136.00 (135.70 to 136.70): E

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

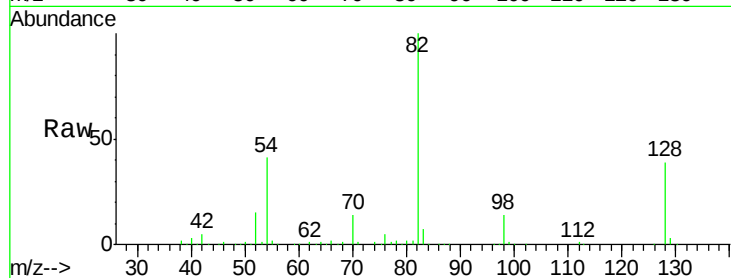




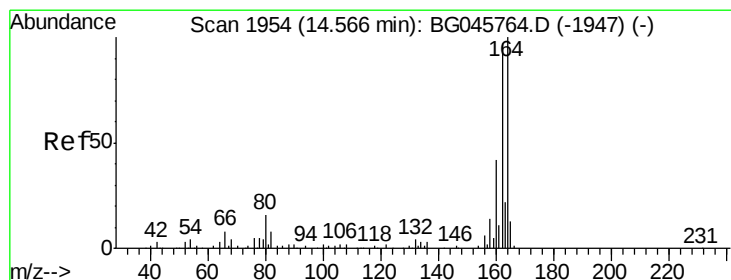
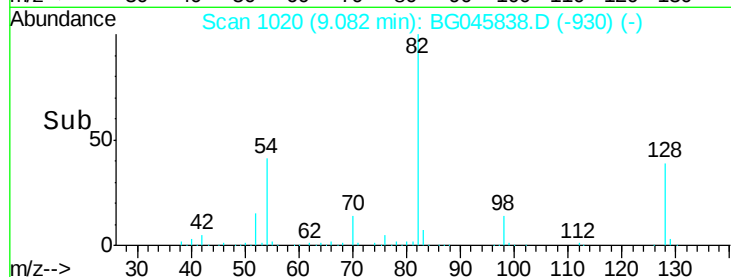
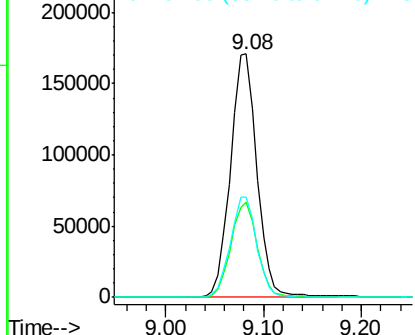
#23
Nitrobenzene-d5
Concen: 70.048 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Instrument :
BNA_G
ClientSampleId :
SS043MW011-200615

Tot Ion: 82 Resp: 323166
Ion Ratio Lower Upper
82 100
128 39.0 32.5 48.7
54 41.0 31.2 46.8

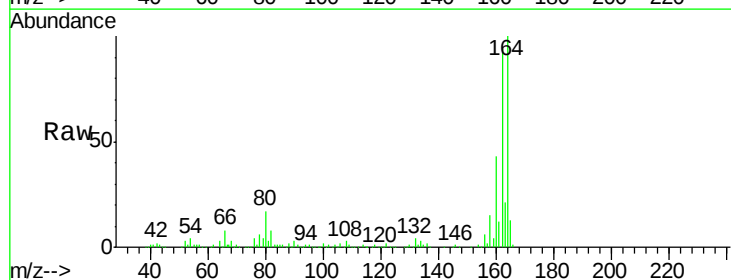


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

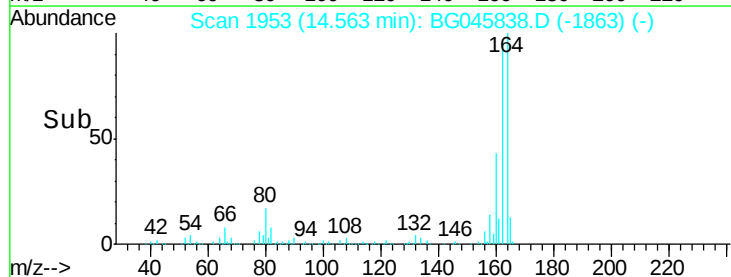
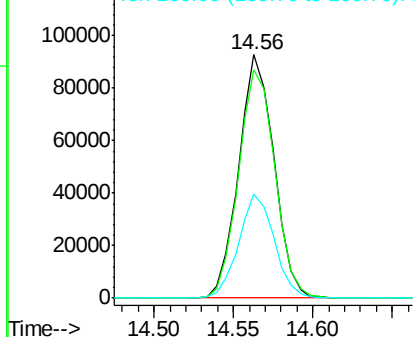


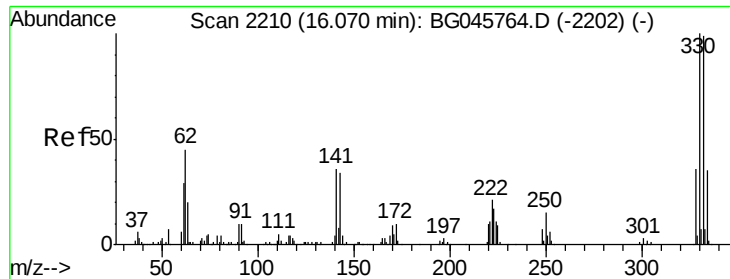
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Tgt Ion:164 Resp: 142982
Ion Ratio Lower Upper
164 100
162 93.9 77.4 116.0
160 42.6 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

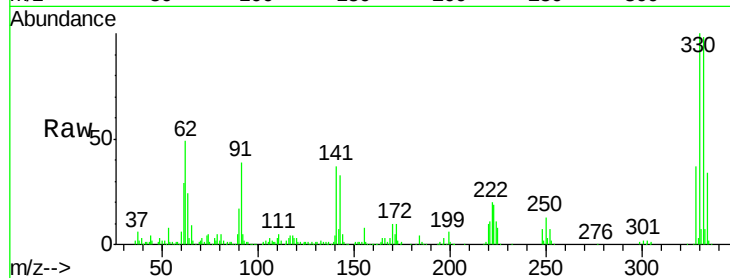




#42
 2,4,6-Tribromophenol
 Concen: 85.973 ng
 RT: 16.07 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG045838.D
 Acq: 23 Jun 2020 13:35

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW011-200615

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.6	117.8
141	34.8	28.2	42.4

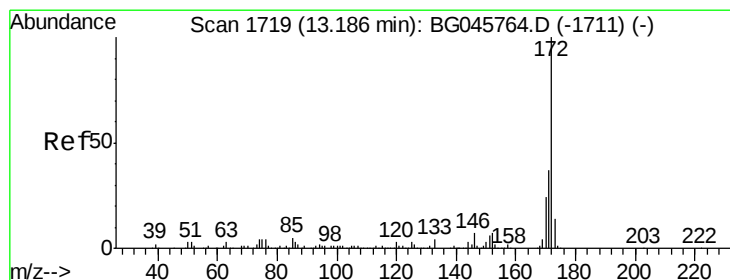
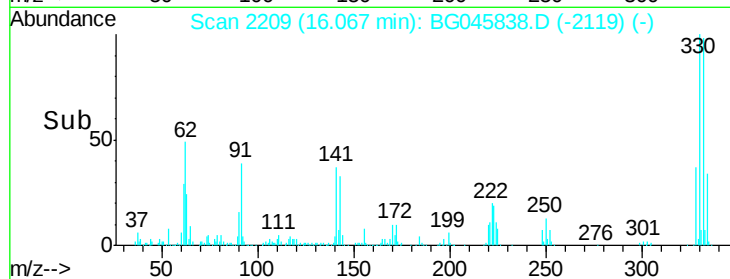
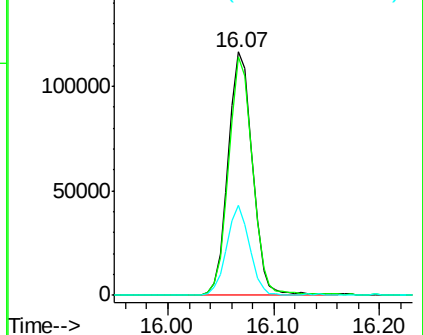


Abundance

Ion 329.80 (329.50 to 330.50): E

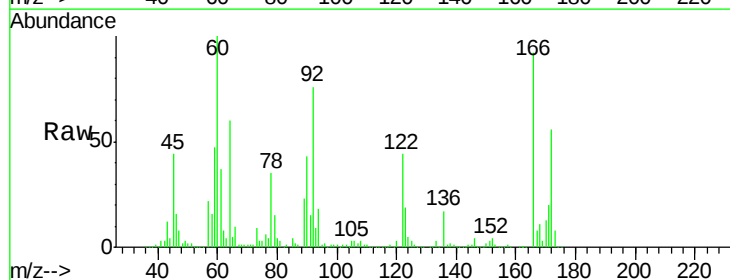
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 68.870 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG045838.D
 Acq: 23 Jun 2020 13:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	24.1	19.3	28.9

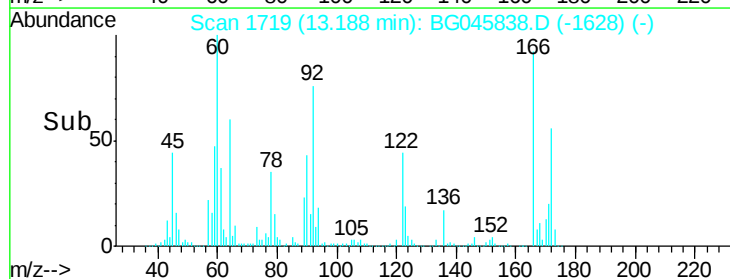
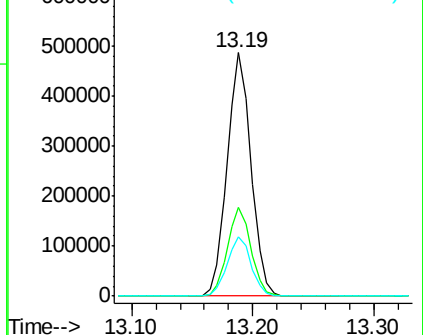


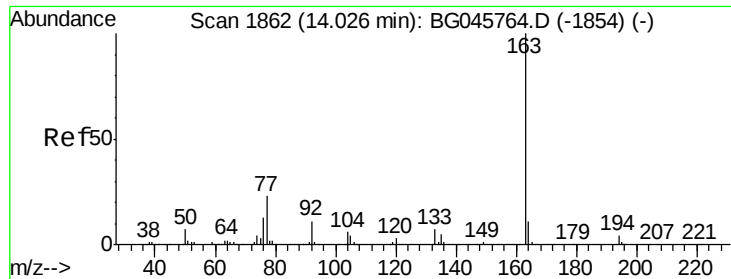
Abundance

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: 10.092 ng

RT: 14.02 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BG045838.D

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Instrument :

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SS043MW011-200615

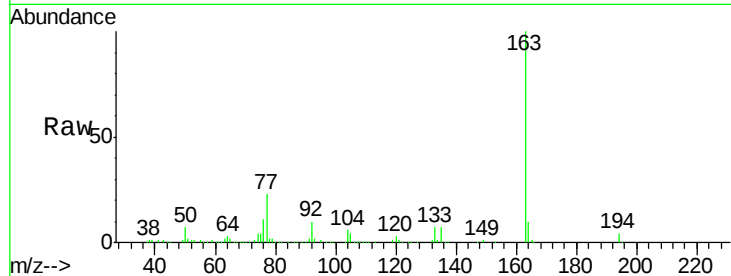
Tot Ion:163 Resp: 113041

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

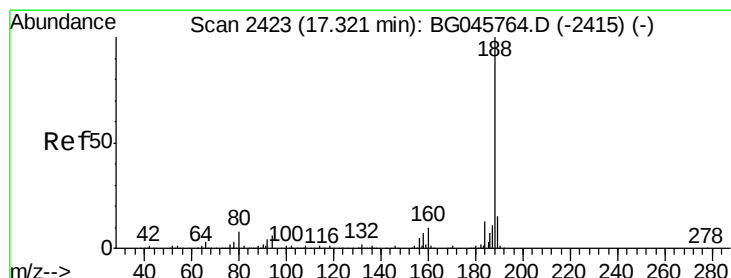
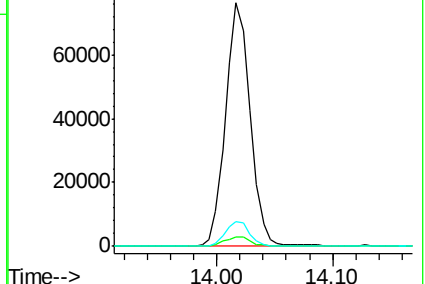
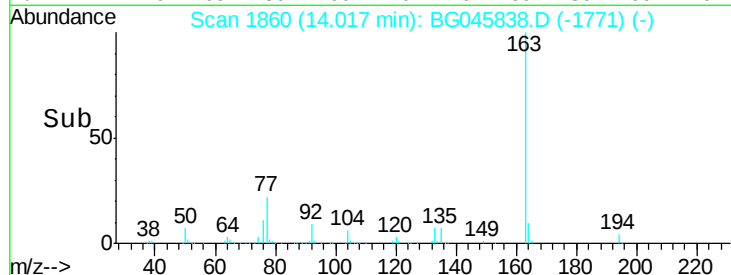
164 9.9 8.9 13.3



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: 17.32 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BG045838.D

Acq: 23 Jun 2020 13:35

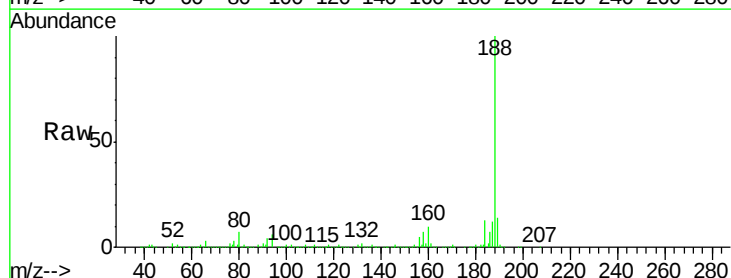
Tgt Ion:188 Resp: 316620

Ion Ratio Lower Upper

188 100

94 6.5 5.1 7.7

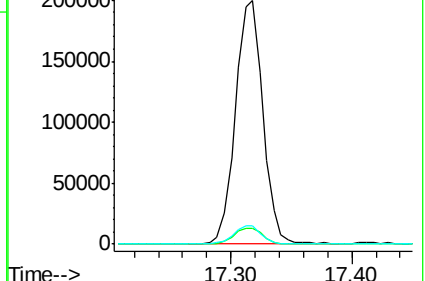
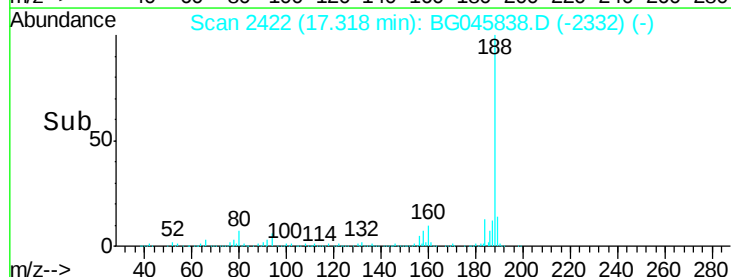
80 7.5 6.2 9.4

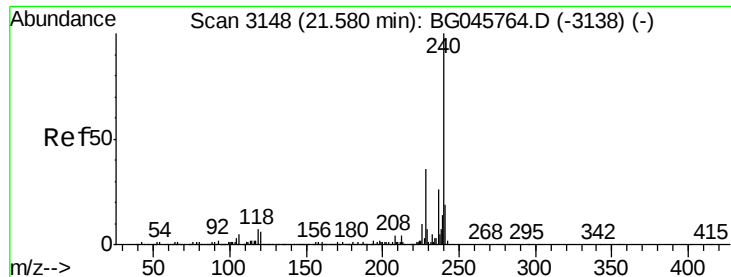


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG045838.D

Acq: 23 Jun 2020 13:35

Instrument :

BNA_G

ClientSampleId :

SS043MW011-200615

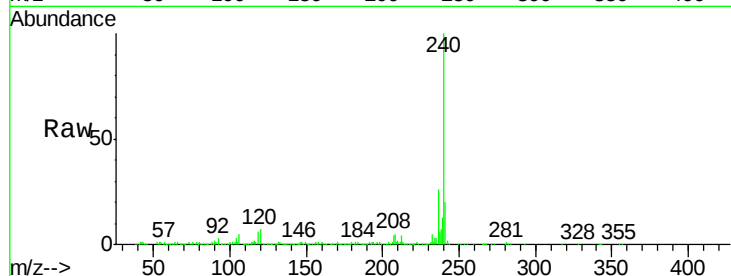
Tot Ion:240 Resp: 317357

Ion Ratio Lower Upper

240 100

120 6.5 5.0 7.4

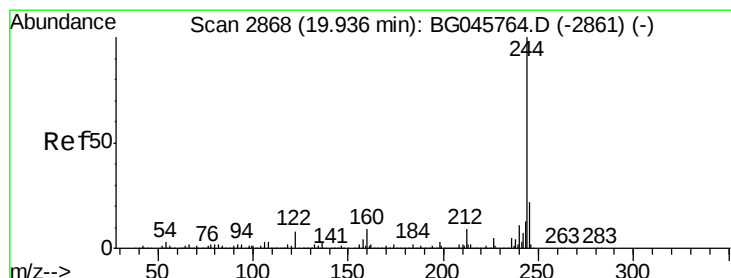
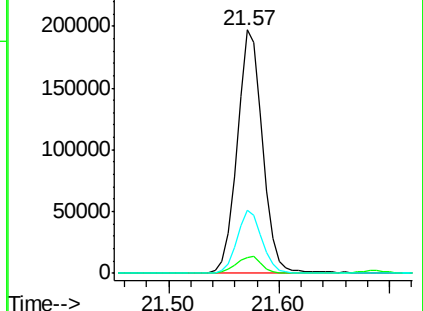
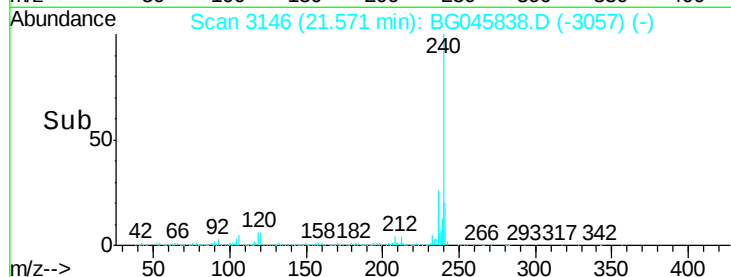
236 25.8 20.6 30.8



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: 75.286 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG045838.D

Acq: 23 Jun 2020 13:35

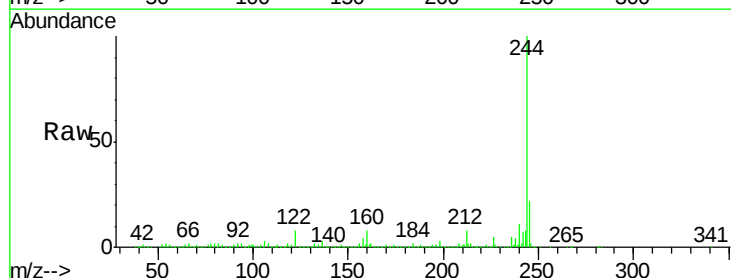
Tgt Ion:244 Resp: 1178951

Ion Ratio Lower Upper

244 100

212 8.5 7.2 10.8

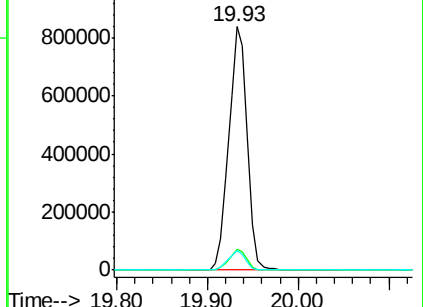
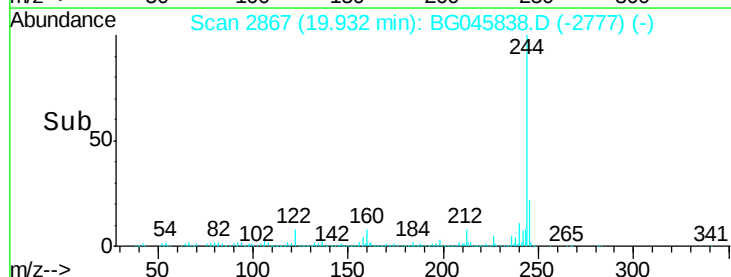
122 8.0 6.4 9.6

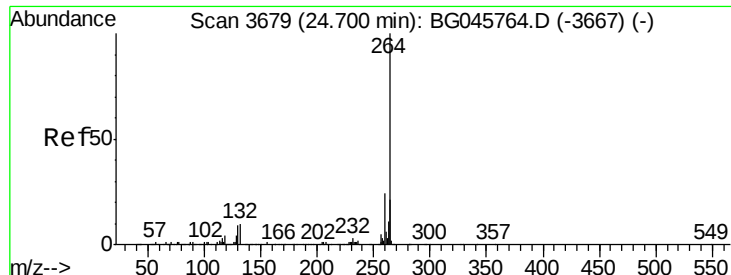


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Instrument :
BNA_G
ClientSampleId :
SS043MW011-200615

Tot Ion:264	Resp:	346273
Ion	Ratio	Lower Upper
264	100	
260	22.9	19.0 28.4
265	21.8	17.4 26.0

