

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045940.D
 Acq On : 3 Jul 2020 9:27
 Operator : CG/JU
 Sample : L3171-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHASSIS-WASH

Quant Time: Jul 04 00:48:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 14:02:29 2020
 Response via : Initial Calibration

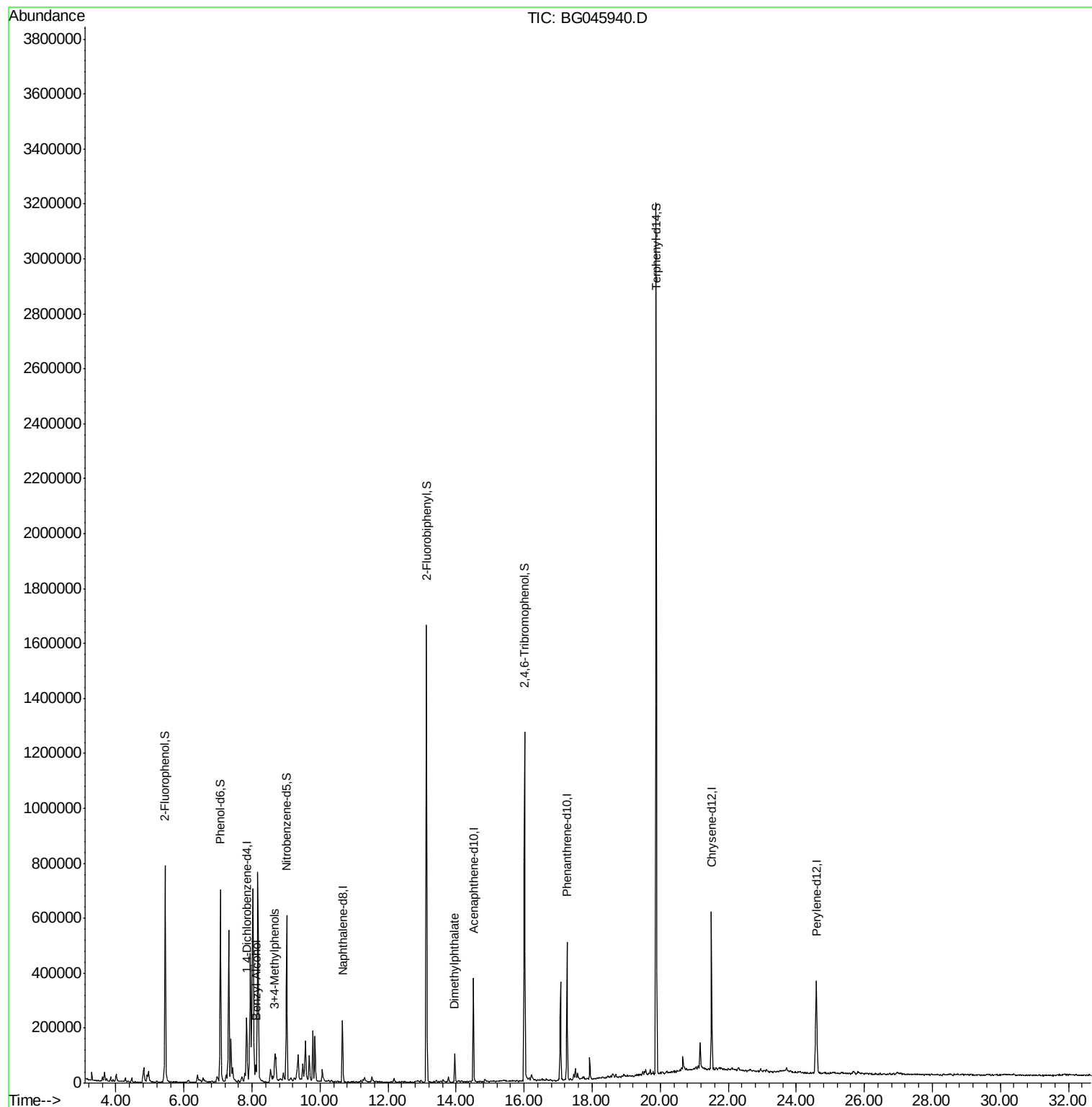
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	49520	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	194902	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	139860	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	318113	20.00	ng	0.00
76) Chrysene-d12	21.51	240	332782	20.00	ng	-0.01
86) Perylene-d12	24.59	264	339151	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	355278	121.19	ng	0.00
7) Phenol-d6	7.07	99	474558	106.43	ng	0.00
23) Nitrobenzene-d5	9.02	82	382724	89.71	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	254396	120.48	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	879909	92.46	ng	0.00
79) Terphenyl-d14	19.88	244	1541161	93.85	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.11	79	23793	6.895	ng	96
20) 3+4-Methylphenols	8.66	107	43623	10.316	ng	# 55
50) Dimethylphthalate	13.96	163	64168	5.857	ng	97

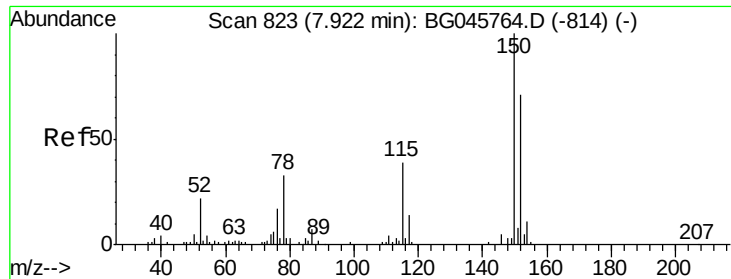
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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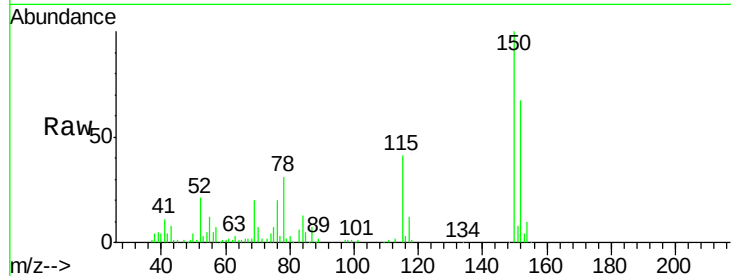


#1

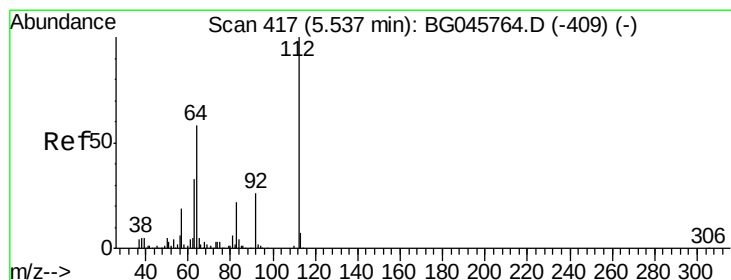
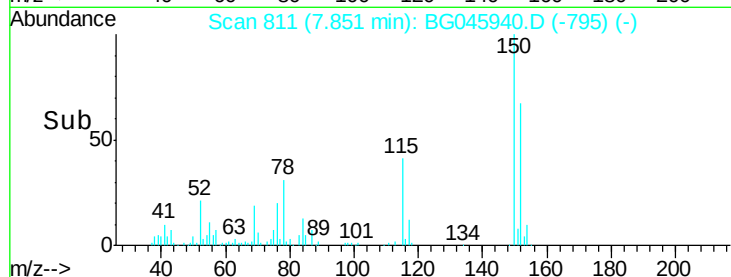
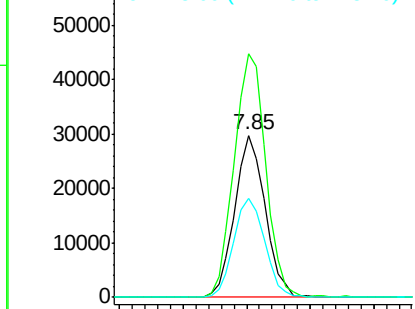
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG045940.D
Acq: 3 Jul 2020 9:27

Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH

Tot Ion:152 Resp: 49520
Ion Ratio Lower Upper
152 100
150 150.2 124.5 186.7
115 61.0 45.8 68.8



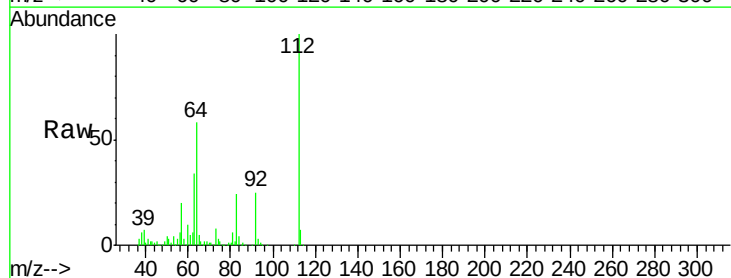
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



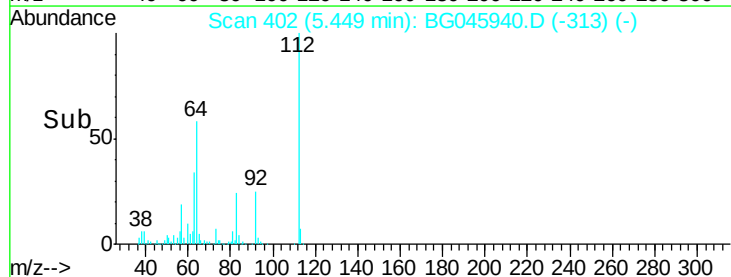
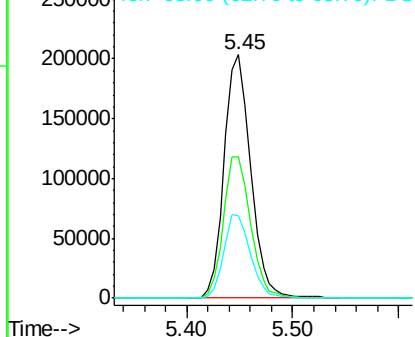
#5

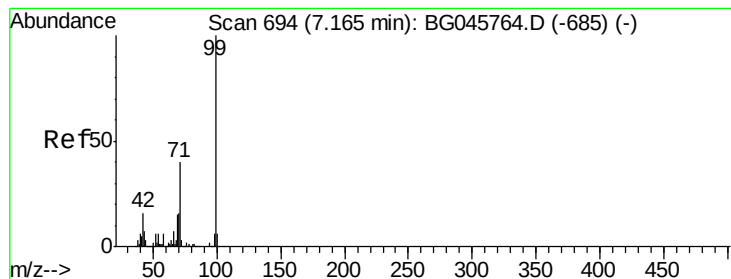
2-Fluorophenol
Concen: 121.193 ng
RT: 5.45 min Scan# 402
Delta R.T. -0.01 min
Lab File: BG045940.D
Acq: 3 Jul 2020 9:27

Tgt Ion:112 Resp: 355278
Ion Ratio Lower Upper
112 100
64 58.1 44.9 67.3
63 33.9 26.9 40.3



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: 106.425 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG045940.D

Acq: 3 Jul 2020 9:27

Instrument :

BNA_G

ClientSampleId :

CHASSIS-WASH

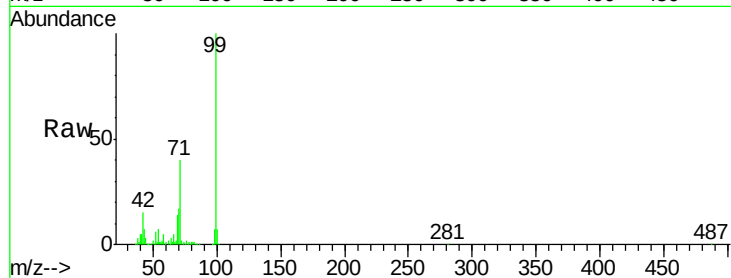
Tot Ion: 99 Resp: 474558

Ion Ratio Lower Upper

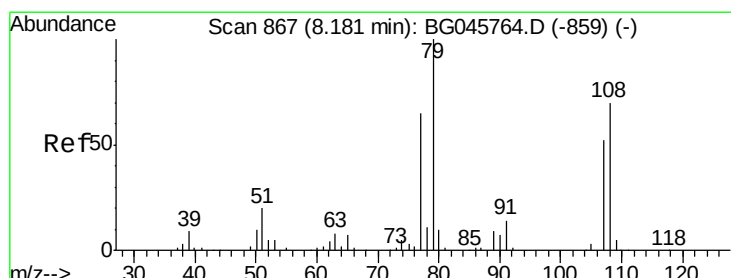
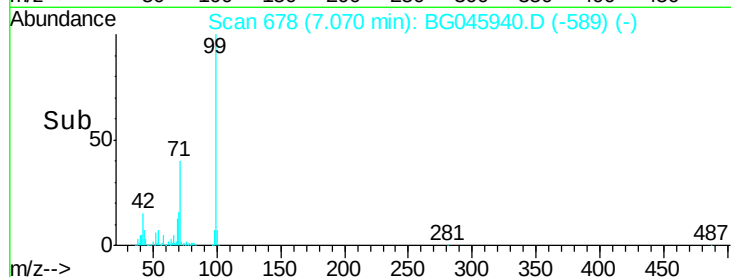
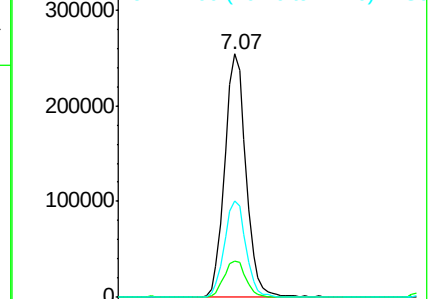
99 100

42 14.9 11.8 17.8

71 39.7 31.0 46.6



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



#15

Benzyl Alcohol

Concen: 6.895 ng

RT: 8.11 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG045940.D

Acq: 3 Jul 2020 9:27

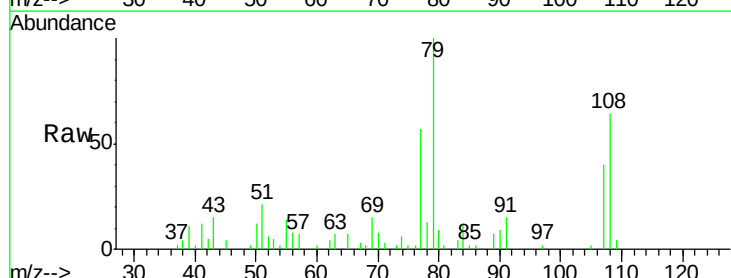
Tgt Ion: 79 Resp: 23793

Ion Ratio Lower Upper

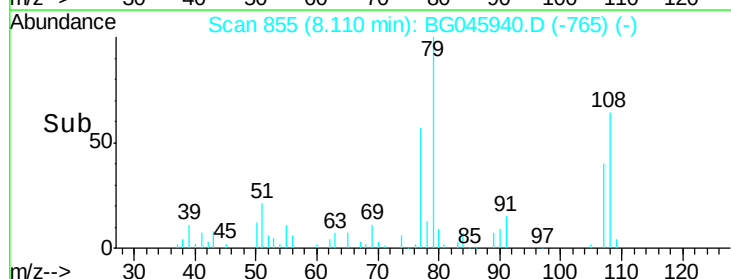
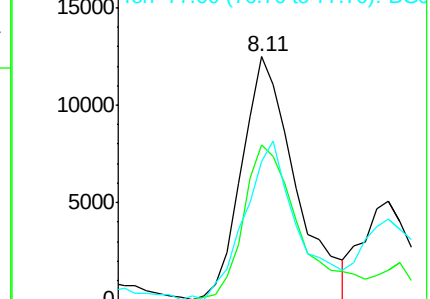
79 100

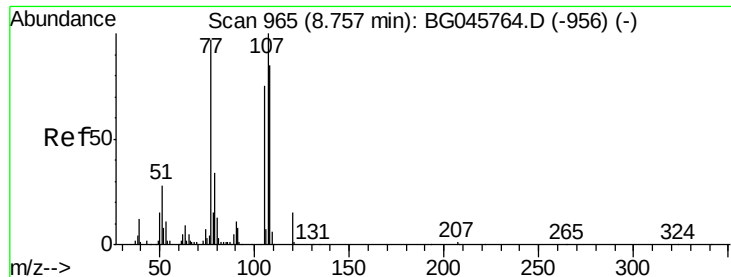
108 63.8 50.7 76.1

77 56.8 50.4 75.6



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#20

3+4-Methylphenols

Concen: 10.316 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.01 min

Lab File: BG045940.D

Acq: 3 Jul 2020 9:27

Instrument :

BNA_G

ClientSampleId :

CHASSIS-WASH

Tot Ion:107 Resp: 43623

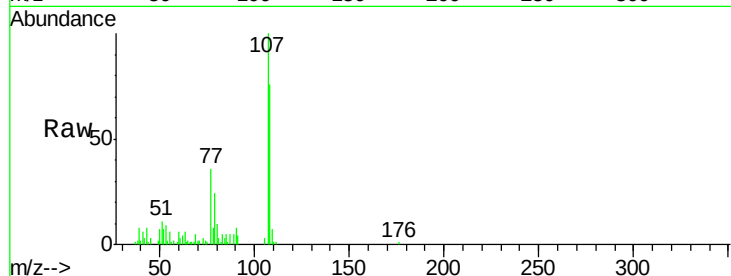
Ion Ratio Lower Upper

107 100

108 75.8 69.4 109.4

77 36.1 101.0 141.0#

79 23.6 14.4 54.4

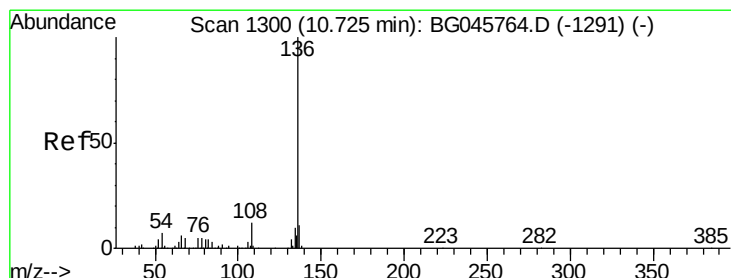
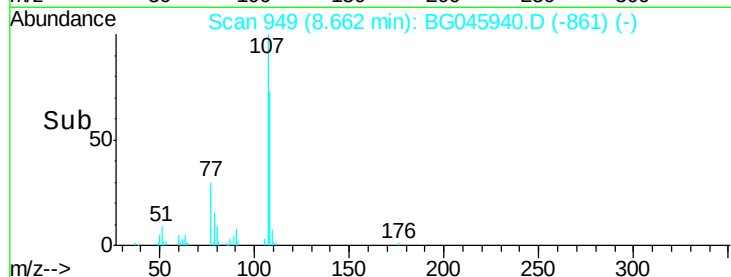
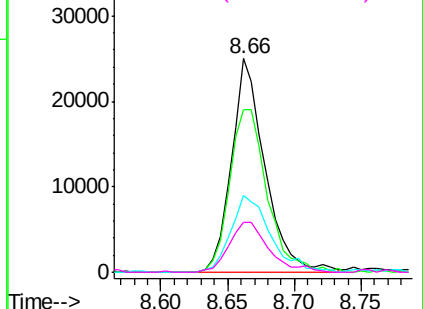


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

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: 10.66 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BG045940.D

Acq: 3 Jul 2020 9:27

Tgt Ion:136 Resp: 194902

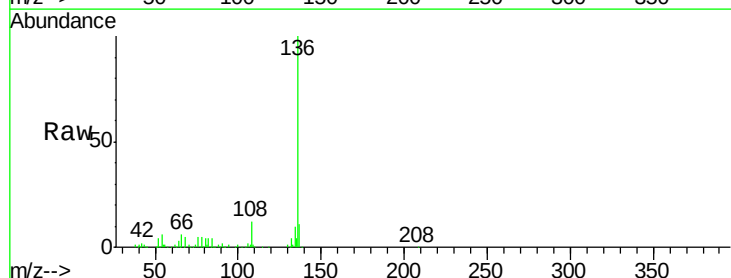
Ion Ratio Lower Upper

136 100

137 11.0 8.2 12.4

54 6.1 4.6 7.0

68 5.3 5.0 7.4

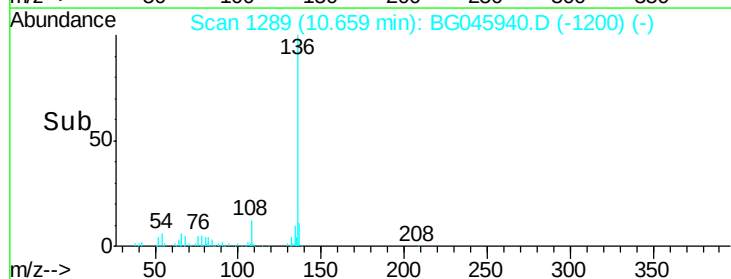
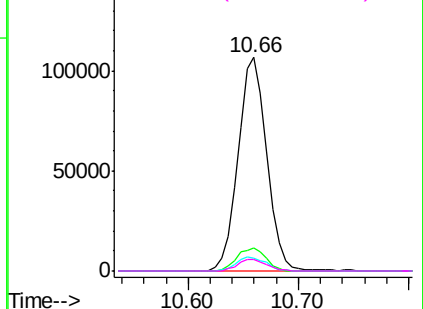


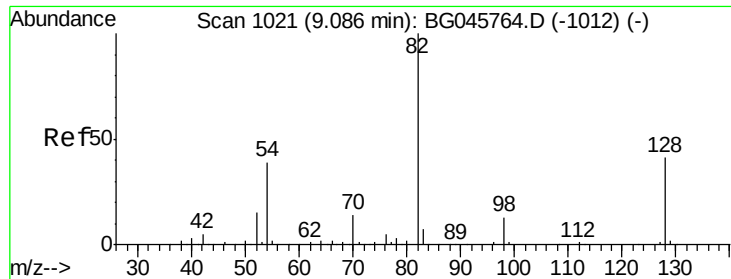
Abundance Ion 136.00 (135.70 to 136.70): E

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

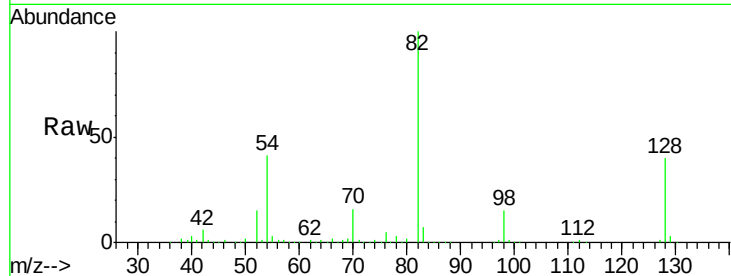




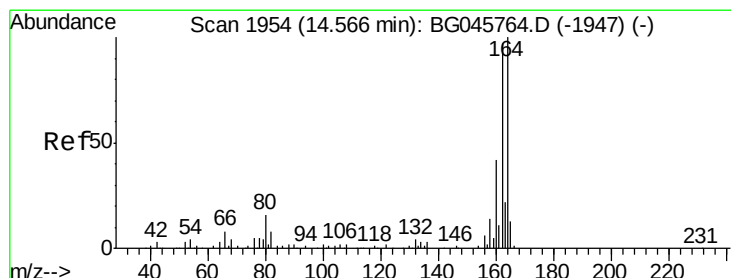
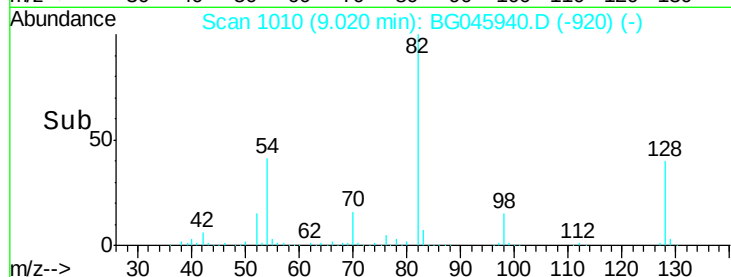
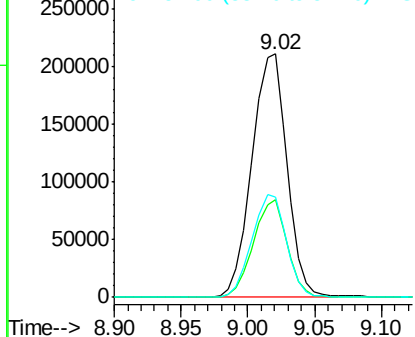
#23
Nitrobenzene-d5
Concen: 89.707 ng
RT: 9.02 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG045940.D
Acq: 3 Jul 2020 9:27

Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH

Tot Ion: 82 Resp: 382724
Ion Ratio Lower Upper
82 100
128 40.0 29.9 44.9
54 41.3 33.3 49.9

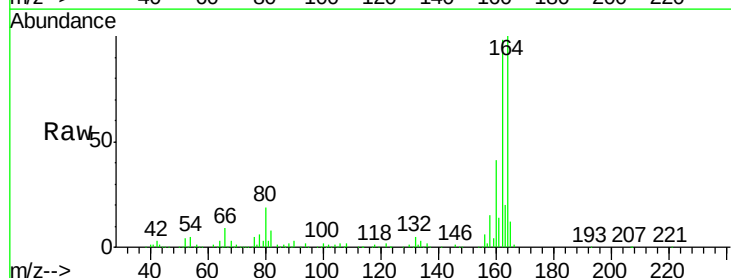


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

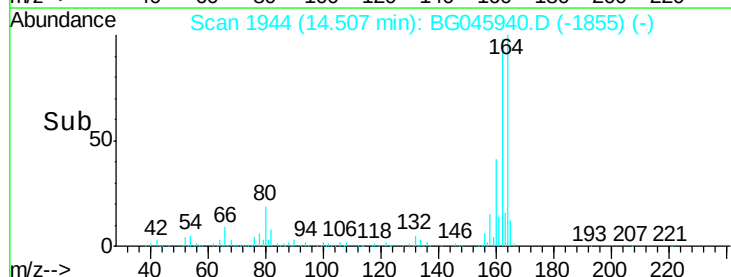
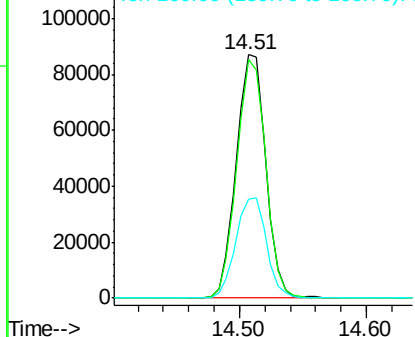


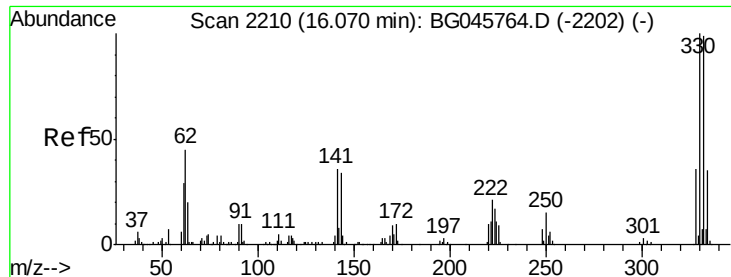
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG045940.D
Acq: 3 Jul 2020 9:27

Tgt Ion: 164 Resp: 139860
Ion Ratio Lower Upper
164 100
162 97.8 78.8 118.2
160 40.5 33.8 50.6



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

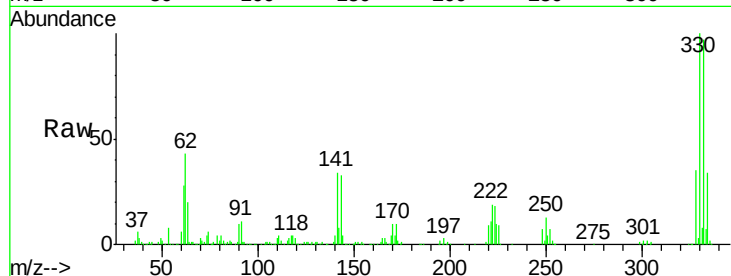




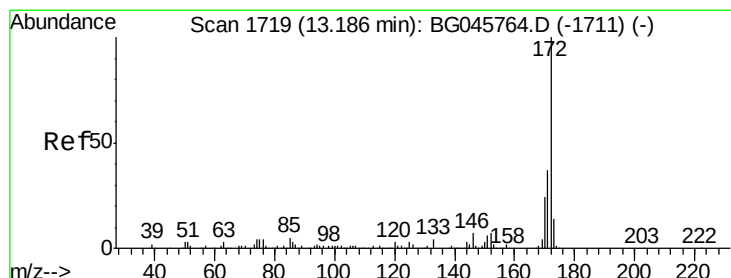
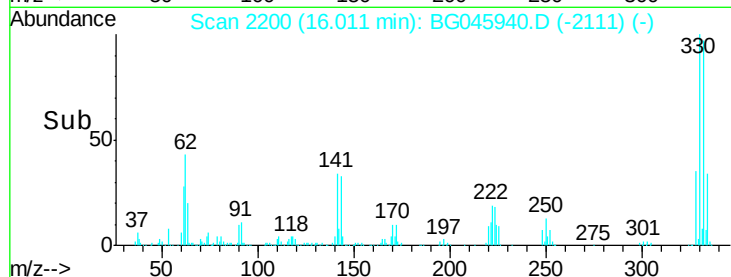
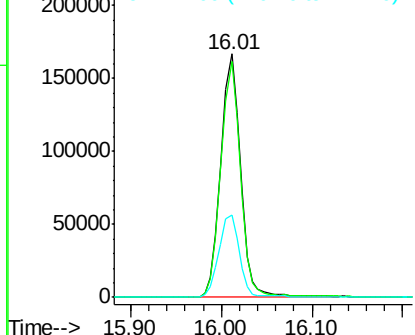
#42
 2,4,6-Tribromophenol
 Concen: 120.480 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG045940.D
 Acq: 3 Jul 2020 9:27

Instrument :
 BNA_G
 ClientSampleId :
 CHASSIS-WASH

Tot Ion:330 Resp: 254396
 Ion Ratio Lower Upper
 330 100
 332 95.8 79.4 119.0
 141 35.2 28.2 42.2

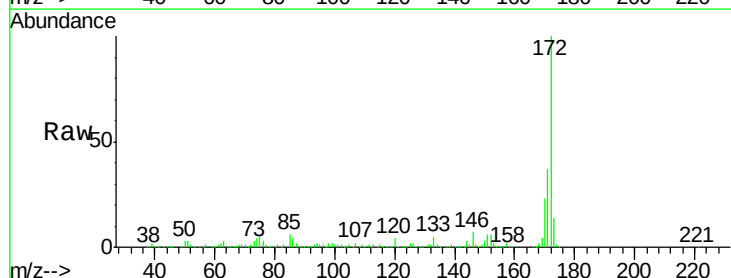


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

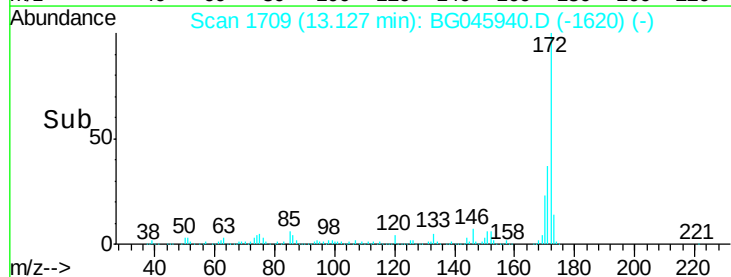
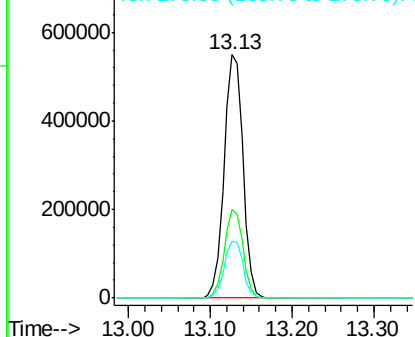


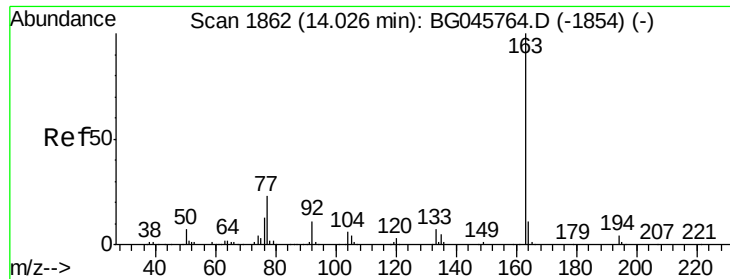
#45
 2-Fluorobiphenyl
 Concen: 92.455 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045940.D
 Acq: 3 Jul 2020 9:27

Tgt Ion:172 Resp: 879909
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.5 42.7
 170 23.3 18.9 28.3



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: 5.857 ng

RT: 13.96 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG045940.D

Acq: 3 Jul 2020 9:27

Instrument :

BNA_G

ClientSampleId :

CHASSIS-WASH

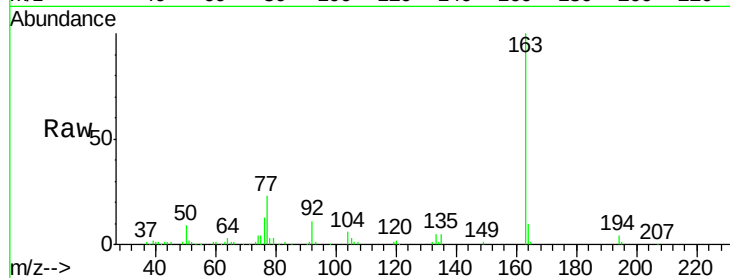
Tot Ion:163 Resp: 64168

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

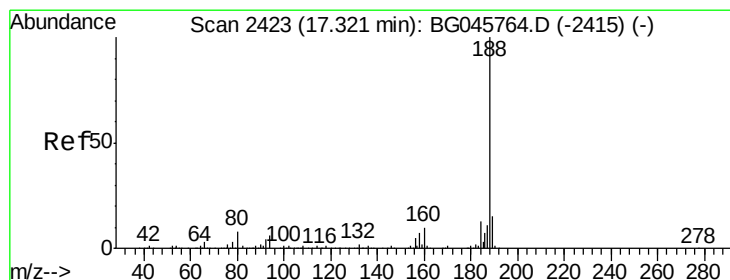
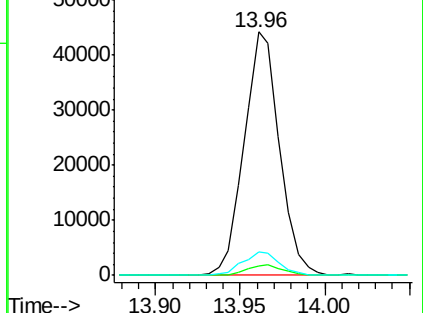
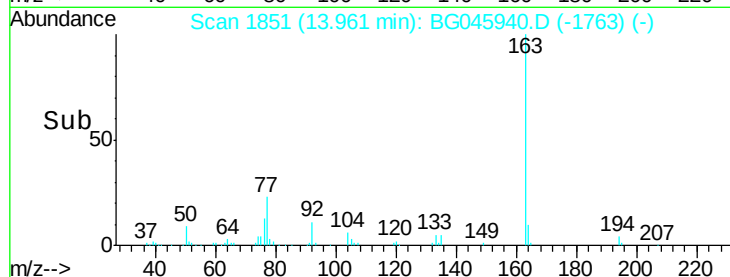
164 9.5 8.7 13.1



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: 17.26 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG045940.D

Acq: 3 Jul 2020 9:27

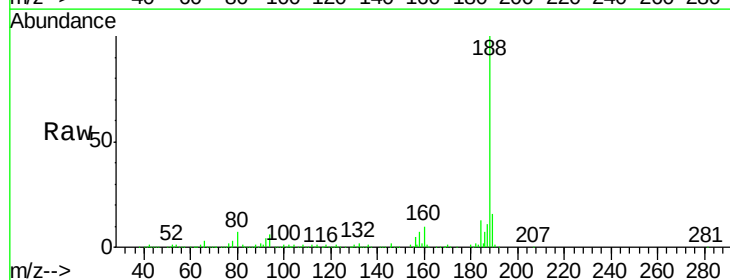
Tgt Ion:188 Resp: 318113

Ion Ratio Lower Upper

188 100

94 5.9 5.5 8.3

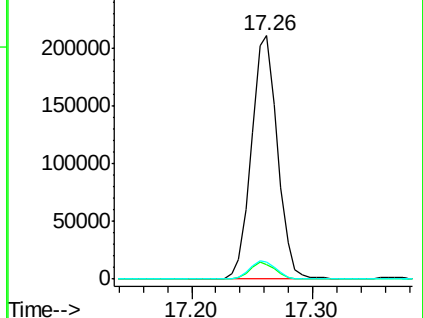
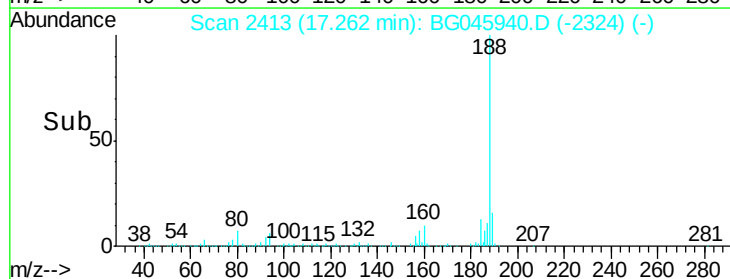
80 6.8 6.1 9.1

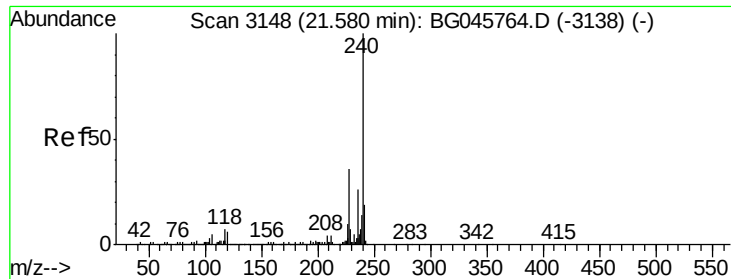


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

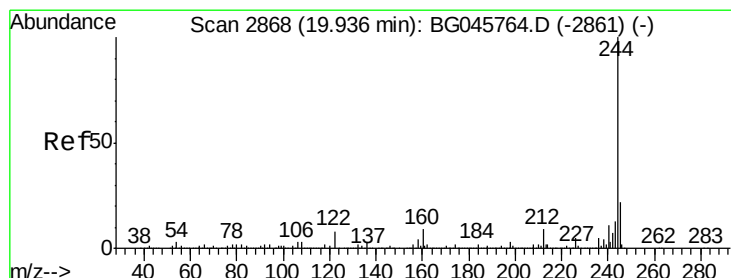
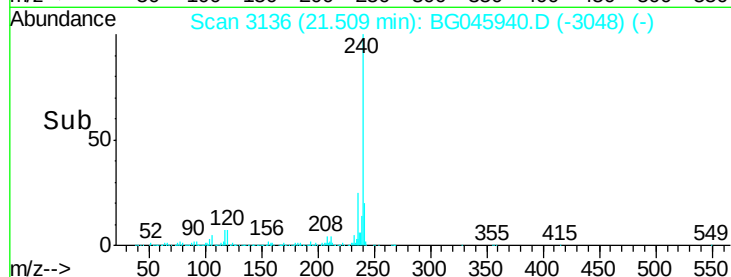
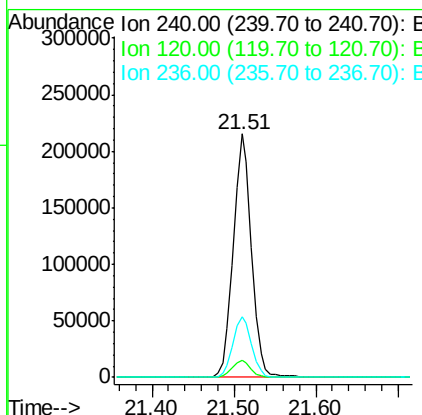
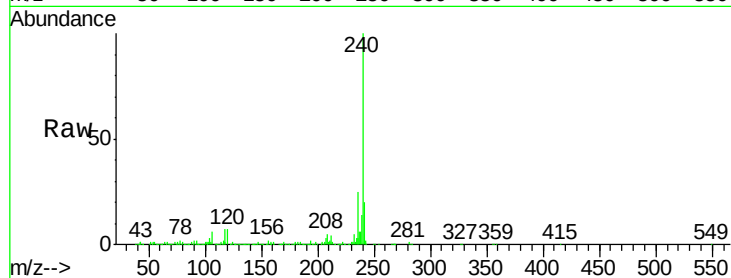




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG045940.D
Acq: 3 Jul 2020 9:27

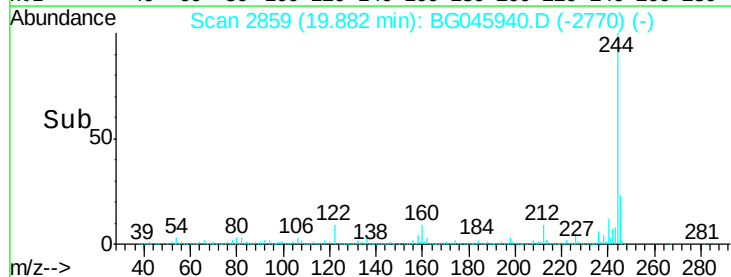
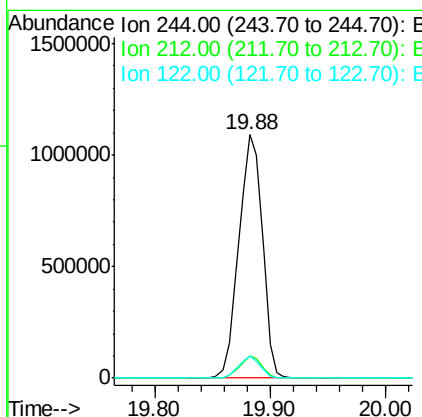
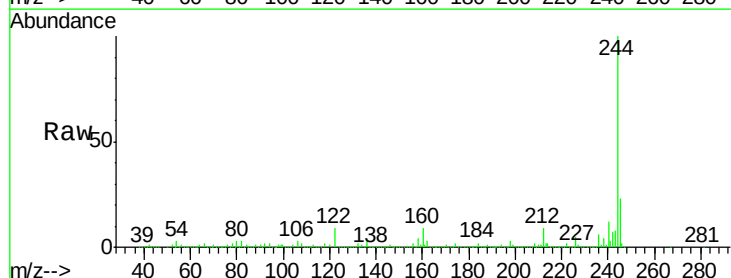
Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH

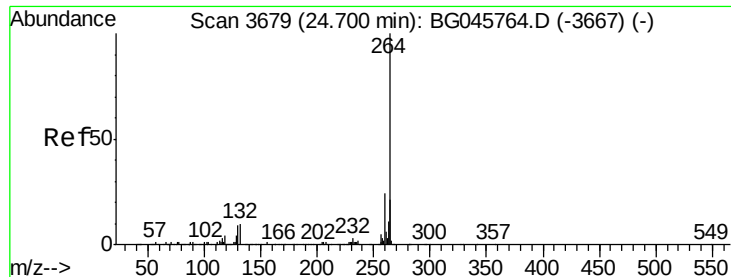
Tot Ion:240 Resp: 332782
Ion Ratio Lower Upper
240 100
120 6.8 5.2 7.8
236 24.9 20.8 31.2



#79
Terphenyl-d14
Concen: 93.854 ng
RT: 19.88 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG045940.D
Acq: 3 Jul 2020 9:27

Tgt Ion:244 Resp: 1541161
Ion Ratio Lower Upper
244 100
212 9.1 7.0 10.6
122 9.1 6.6 9.8





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.59 min Scan# 3660
Delta R.T. -0.01 min
Lab File: BG045940.D
Acq: 3 Jul 2020 9:27

Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.5	27.7
265	23.2	16.4	24.6

