

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042334.D
 Acq On : 19 Aug 2019 19:52
 Operator : HP/JU
 Sample : K4271-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

Quant Time: Aug 20 14:25:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

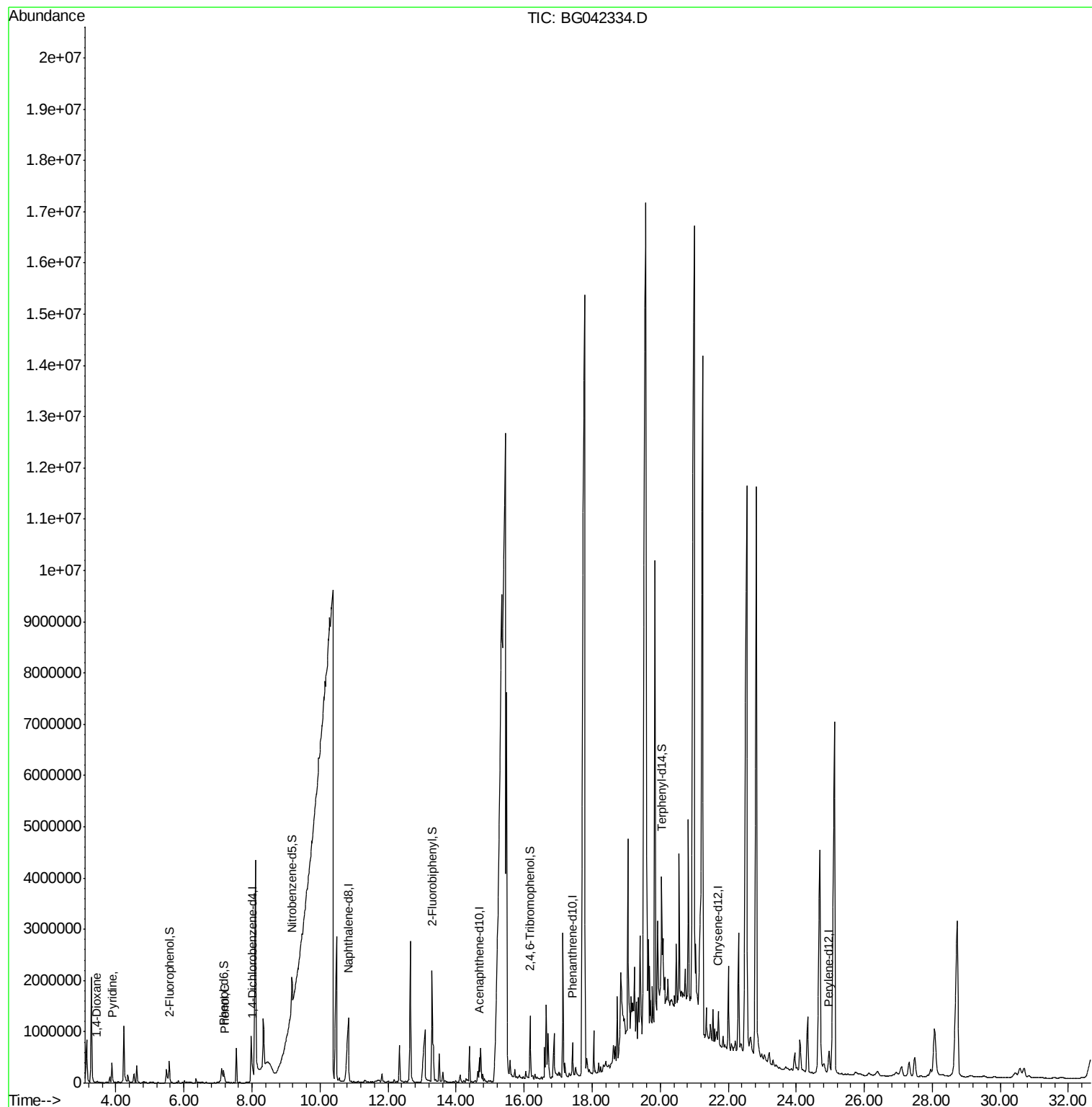
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	83569	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	286773	20.00	ng	0.01
39) Acenaphthene-d10	14.69	164	203839	20.00	ng	0.02
64) Phenanthrene-d10	17.42	188	397102	20.00	ng	0.00
76) Chrysene-d12	21.71	240	417755	20.00	ng	0.02
87) Perylene-d12	24.96	264	471454	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	178180	43.20	ng	0.00
7) Phenol-d6	7.18	99	136363	24.34	ng	0.01
23) Nitrobenzene-d5	9.17	82	399704	98.03	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	266246	95.90	ng	0.02
45) 2-Fluorobiphenyl	13.29	172	1144796	95.03	ng	0.00
79) Terphenyl-d14	20.04	244	1112889	58.35	ng	0.01
Target Compounds						
2) 1,4-Dioxane	3.44	88	17921	10.075	ng	Qvalue # 83
3) Pyridine	3.88	79	124474m	27.319	ng	
10) Phenol	7.20	94	13434	2.359	ng	

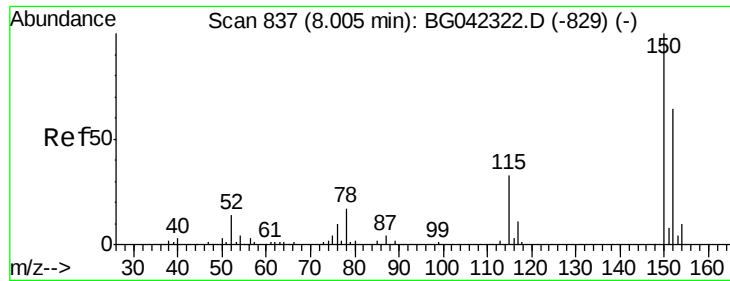
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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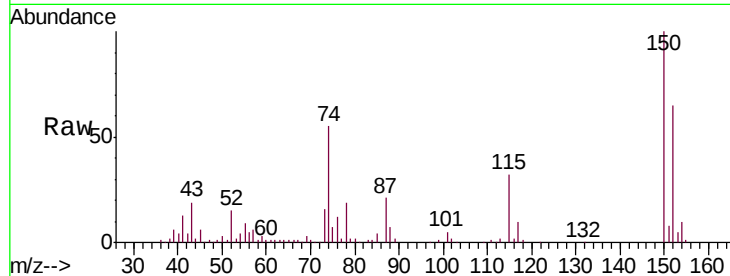


#1

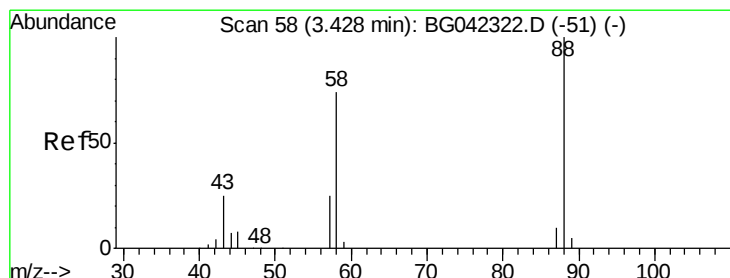
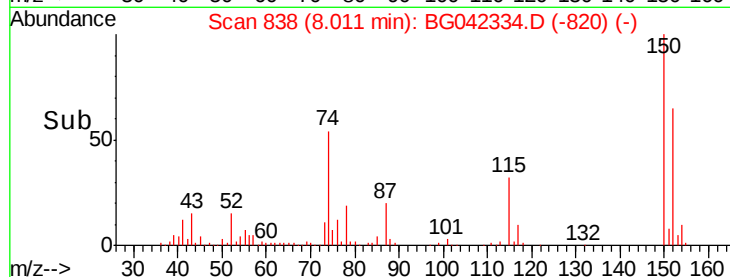
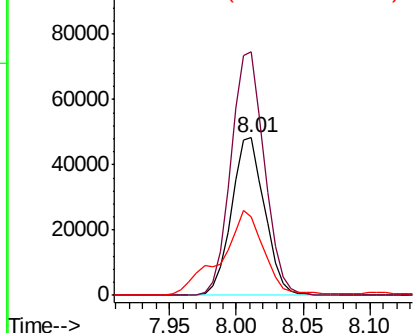
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.01 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tot Ion:152 Resp: 83569
Ion Ratio Lower Upper
152 100
150 154.7 124.3 186.5
115 49.8 40.5 60.7



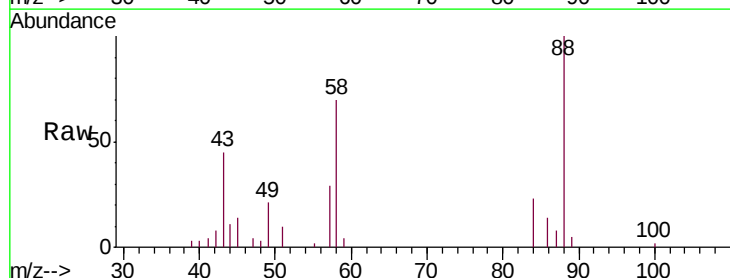
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



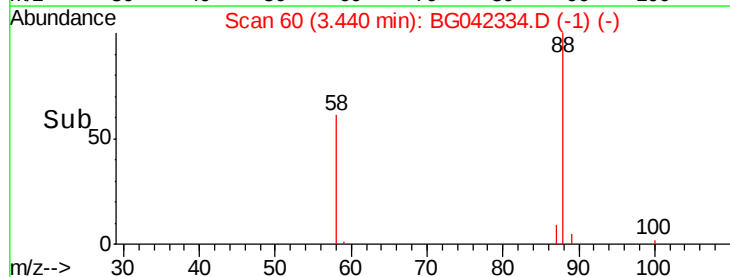
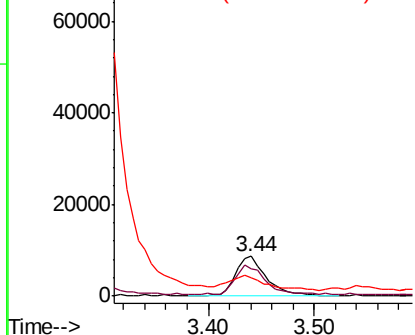
#2

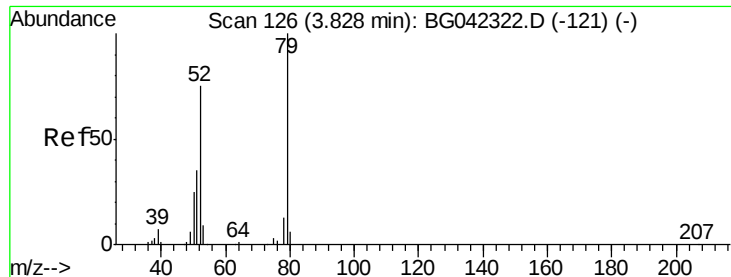
1,4-Dioxane
Concen: 10.075 ng
RT: 3.44 min Scan# 60
Delta R.T. 0.01 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

Tgt Ion: 88 Resp: 17921
Ion Ratio Lower Upper
88 100
58 68.3 58.6 88.0
43 0.0 19.4 29.0#



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





#3

Pvridine

Concen: 27.319 ng/ml

RT: 3.88 min Scan# 135

Delta R.T. 0.05 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

Instrument :

BNA_G

ClientSampleId :

EFF-WW

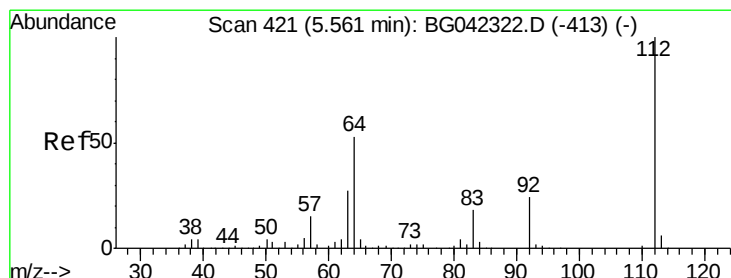
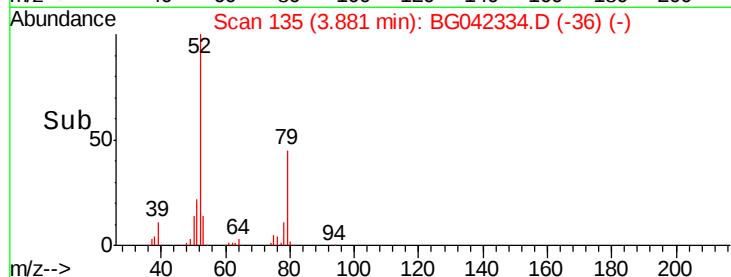
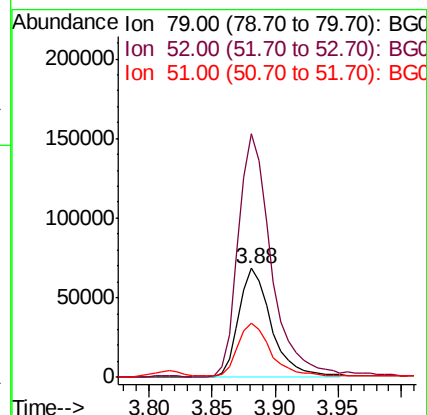
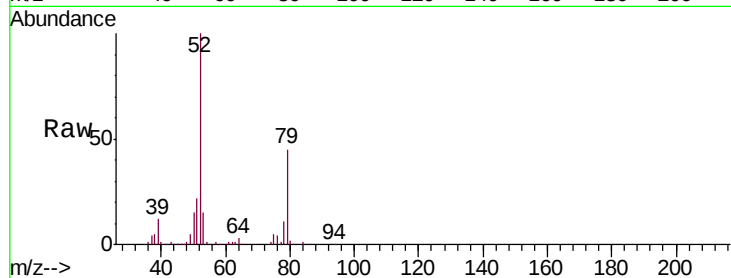
Tot Ion: 79 Resp: 124474

Ion Ratio Lower Upper

79 100

52 223.2 60.0 90.0#

51 49.8 28.6 42.8#



#5

2-Fluorophenol

Concen: 43.199 ng/ml

RT: 5.57 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

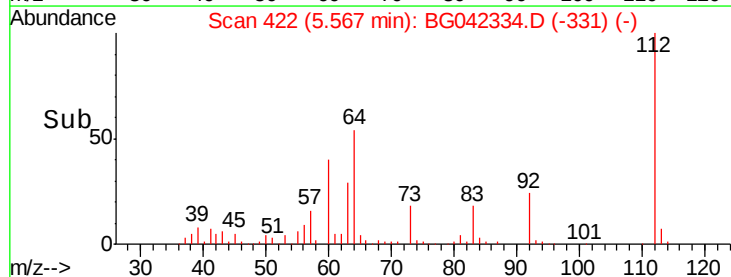
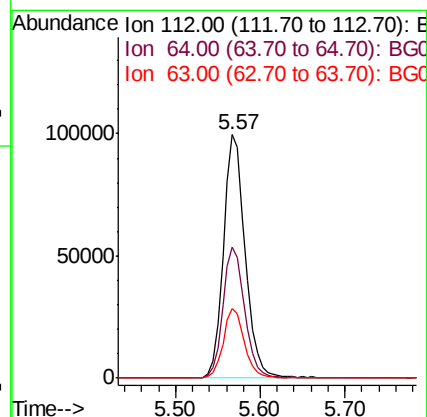
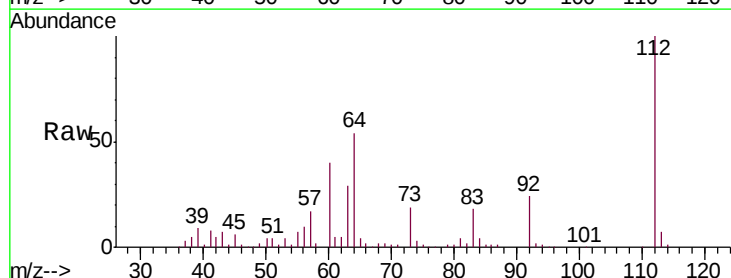
Tgt Ion: 112 Resp: 178180

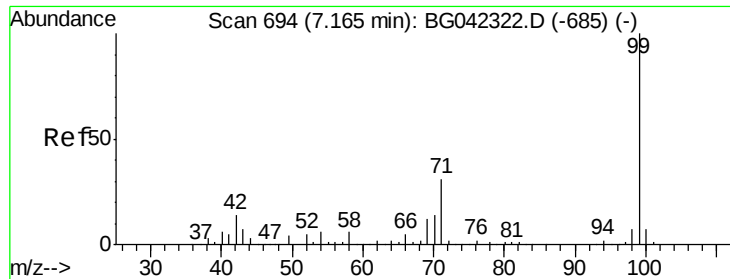
Ion Ratio Lower Upper

112 100

64 54.0 42.5 63.7

63 28.7 21.7 32.5





#7

Phenol-d6

Concen: 24.343 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

Instrument :

BNA_G

ClientSampleId :

EFF-WW

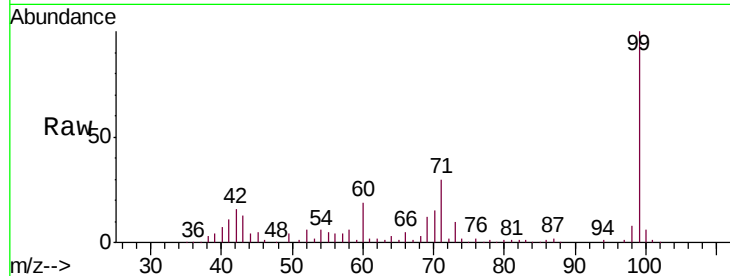
Tot Ion: 99 Resp: 136363

Ion Ratio Lower Upper

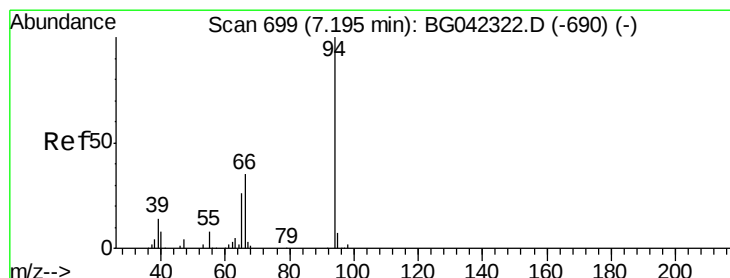
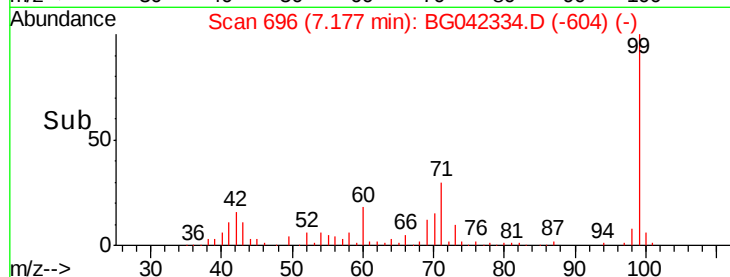
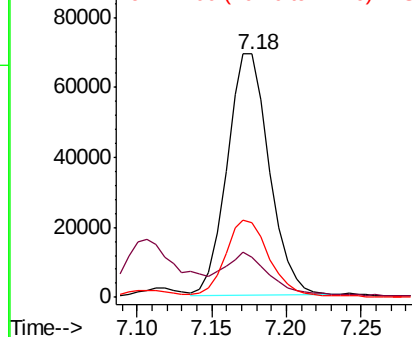
99 100

42 16.3 11.4 17.0

71 30.5 25.1 37.7



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



#10

Phenol

Concen: 2.359 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

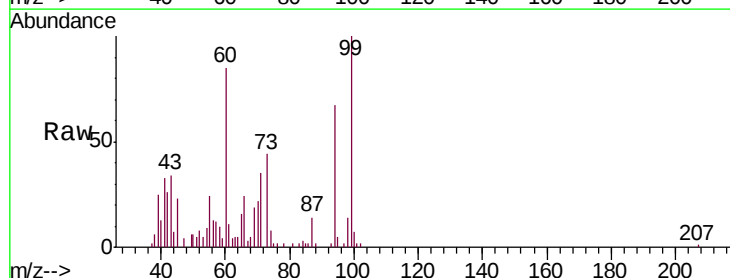
Tgt Ion: 94 Resp: 13434

Ion Ratio Lower Upper

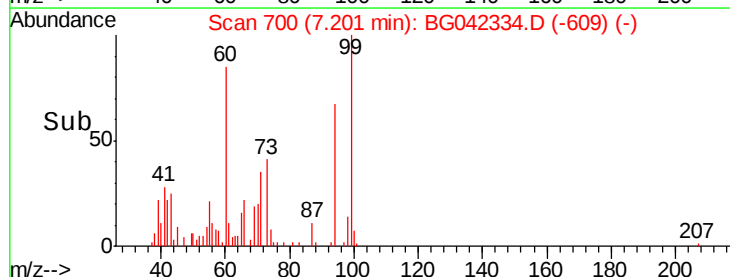
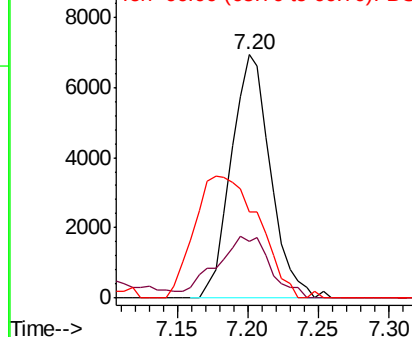
94 100

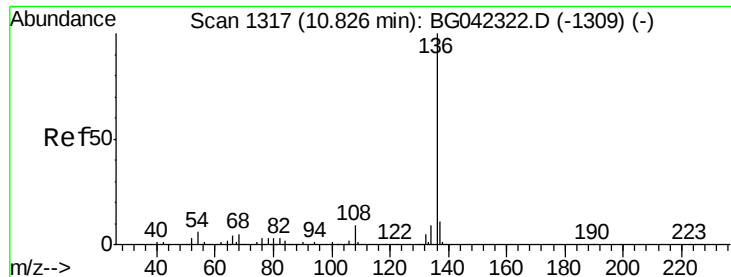
65 23.5 6.1 46.1

66 35.6 15.7 55.7



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

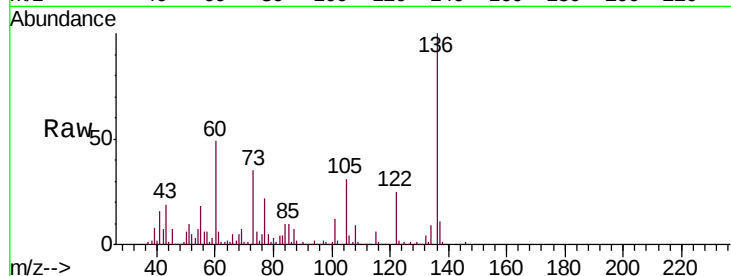




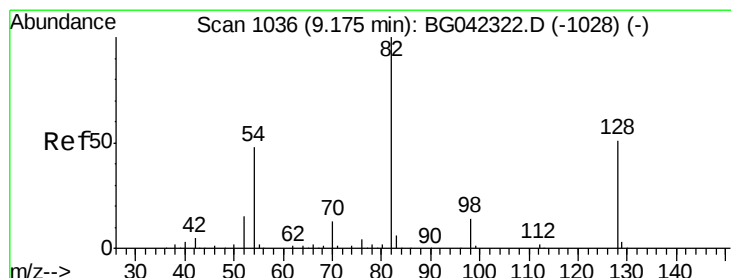
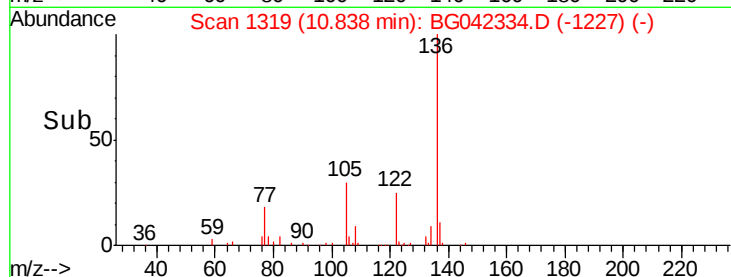
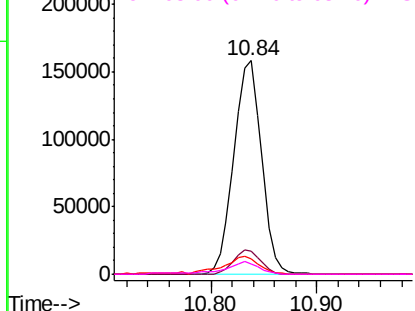
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tot Ion:136	Resp:	286773
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.4 12.6
54	7.4	5.0 7.4
68	4.8	3.8 5.8

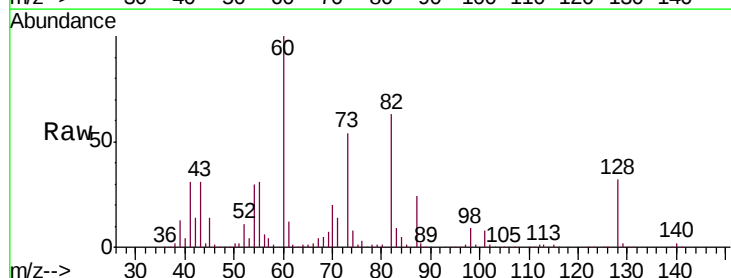


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

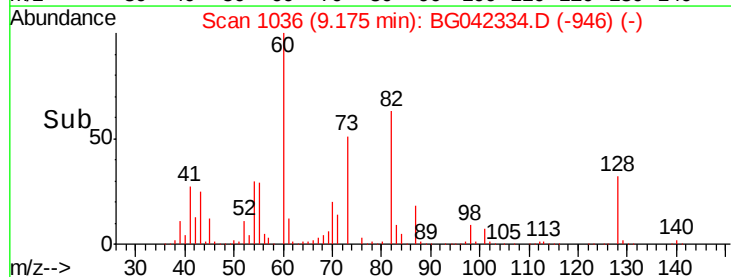
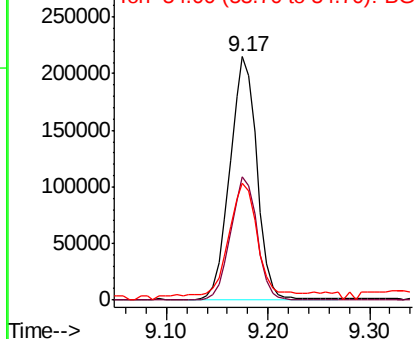


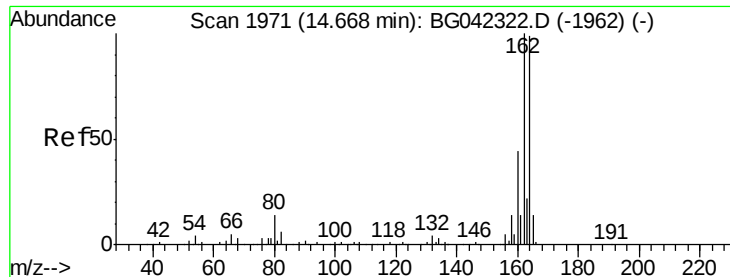
#23
Nitrobenzene-d5
Concen: 98.030 ng
RT: 9.17 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

Tgt Ion: 82	Resp:	399704
Ion	Ratio	Lower Upper
82	100	
128	50.6	41.0 61.4
54	48.0	38.0 57.0



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: 14.69 min Scan# 1974

Delta R.T. 0.02 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

Instrument :

BNA_G

ClientSampleId :

EFF-WW

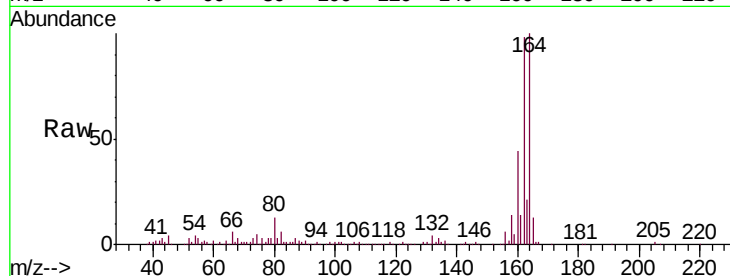
Tot Ion:164 Resp: 203839

Ion Ratio Lower Upper

164 100

162 98.2 80.6 120.8

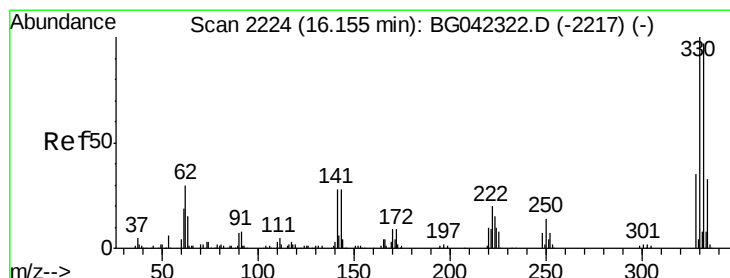
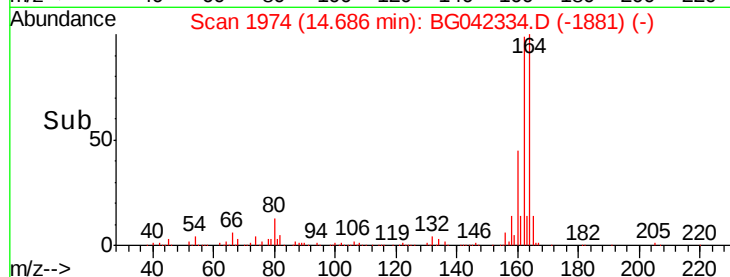
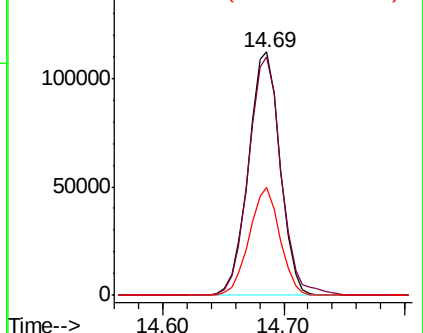
160 44.5 35.7 53.5



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: 95.902 ng

RT: 16.18 min Scan# 2228

Delta R.T. 0.02 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

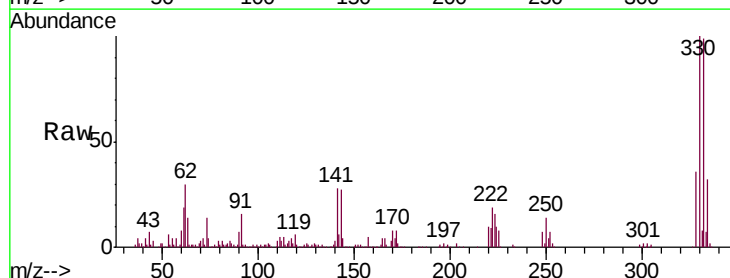
Tgt Ion:330 Resp: 266246

Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

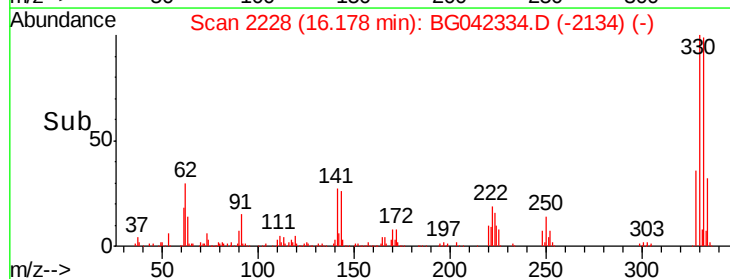
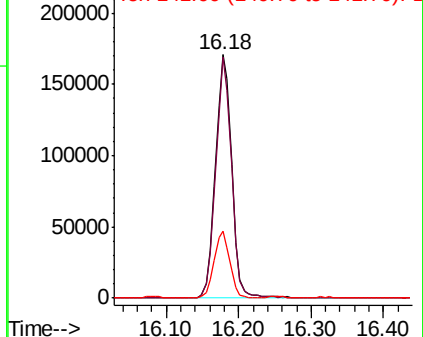
141 26.5 21.8 32.6

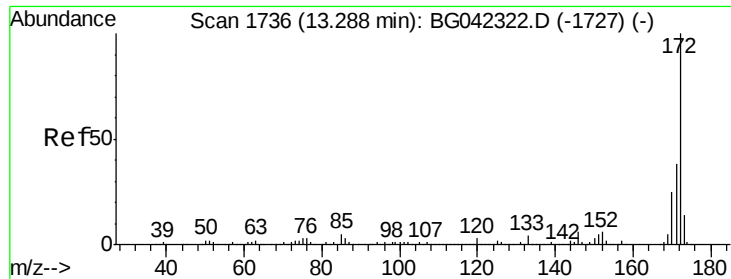


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



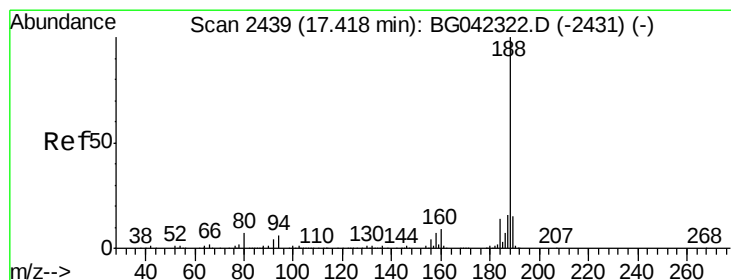
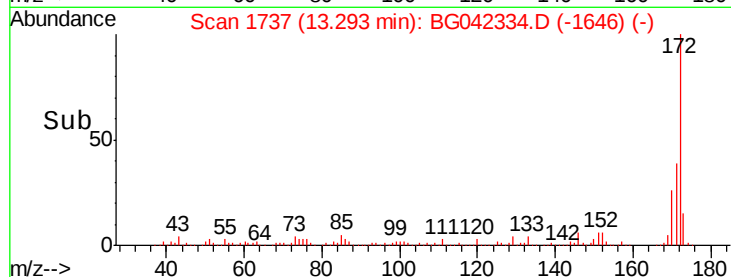
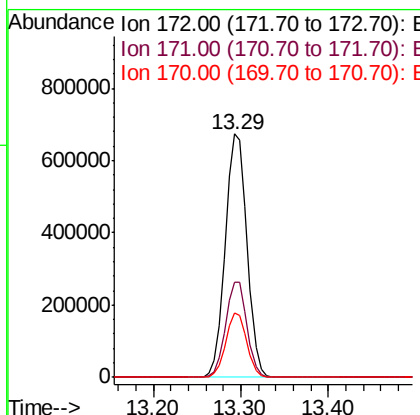
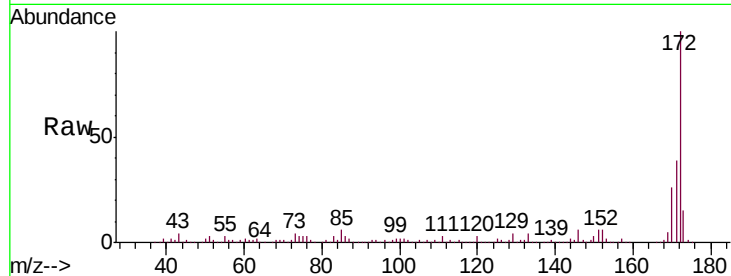


#45
 2-Fluorobiphenyl
 Concen: 95.035 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. 0.01 min
 Lab File: BG042334.D
 Acq: 19 Aug 2019 19:52

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

Tot Ion:172 Resp: 1144796

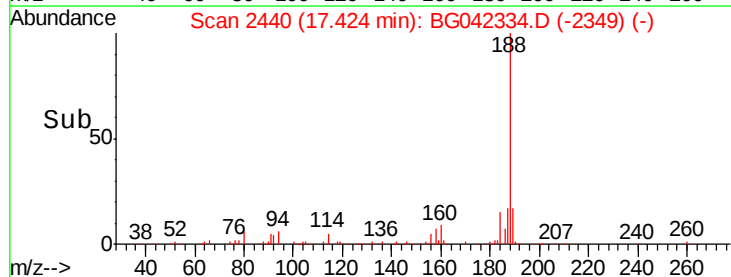
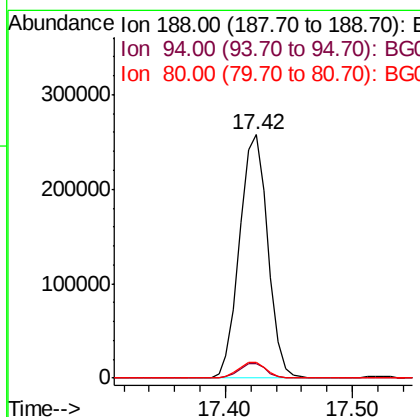
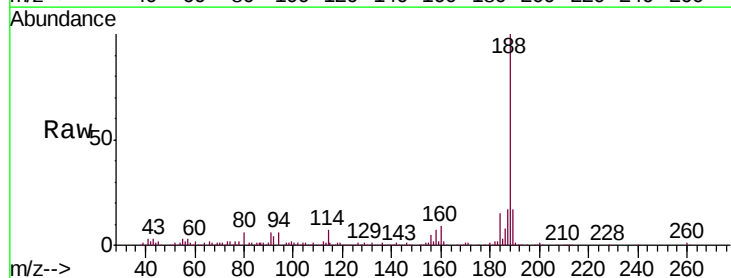
Ion	Ratio	Lower	Upper
172	100		
171	39.3	30.3	45.5
170	26.3	20.0	30.0

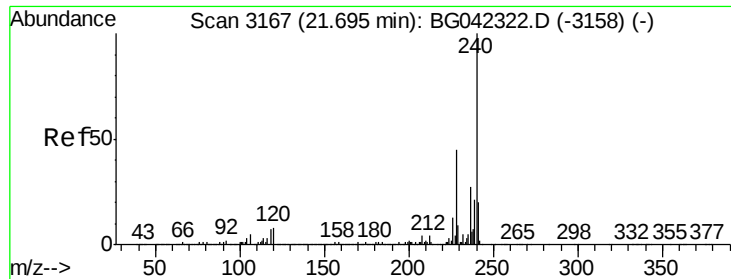


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. 0.01 min
 Lab File: BG042334.D
 Acq: 19 Aug 2019 19:52

Tgt Ion:188 Resp: 397102

Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.9	7.3
80	6.4	5.4	8.0

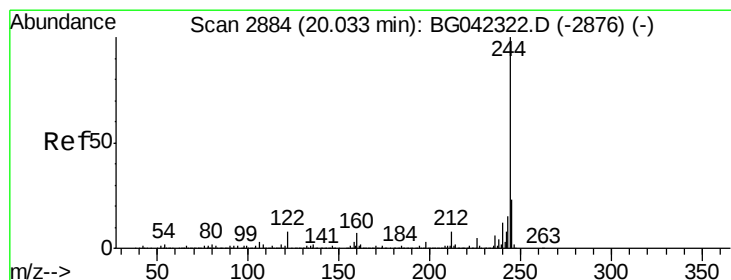
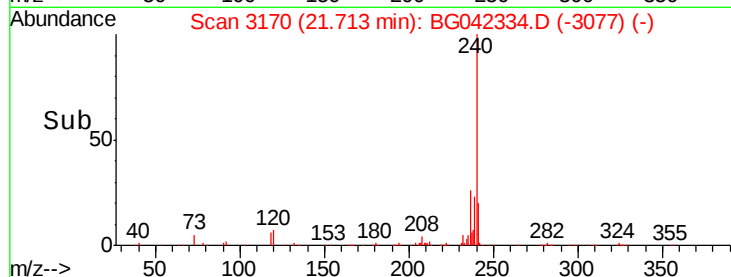
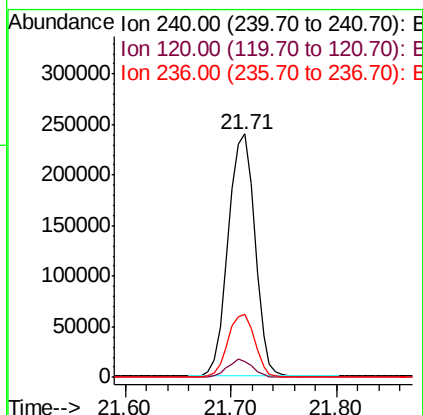
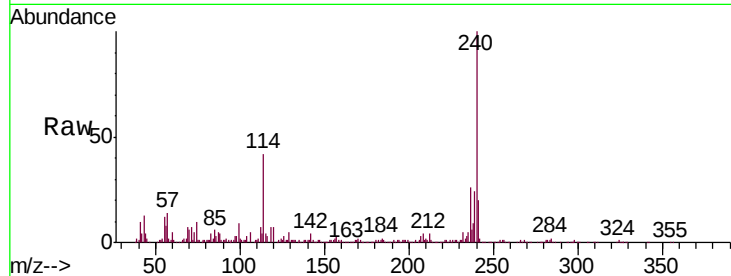




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. 0.02 min
 Lab File: BG042334.D
 Acq: 19 Aug 2019 19:52

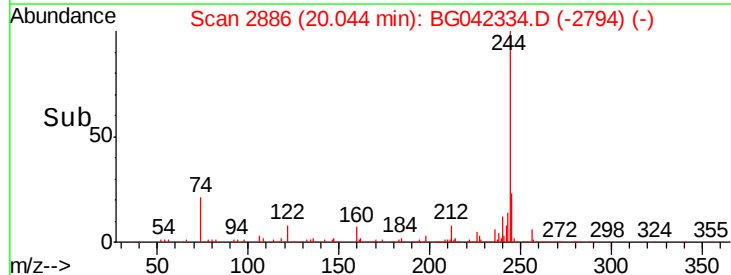
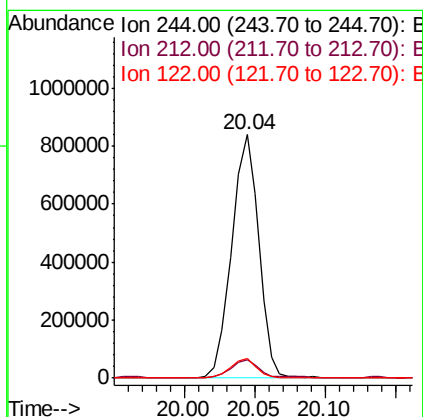
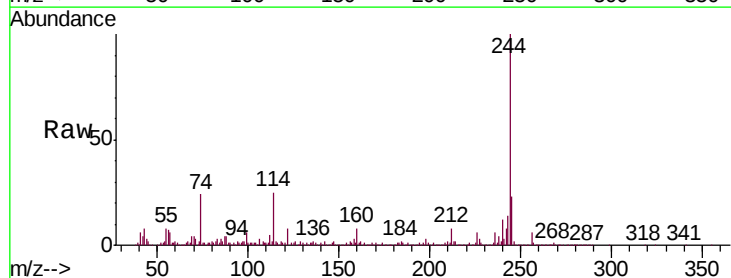
Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

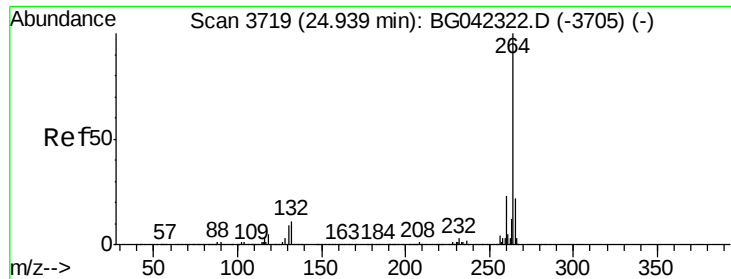
Tot Ion:240 Resp: 417755
 Ion Ratio Lower Upper
 240 100
 120 6.7 6.0 9.0
 236 26.1 21.6 32.4



#79
 Terphenyl-d14
 Concen: 58.349 ng
 RT: 20.04 min Scan# 2886
 Delta R.T. 0.01 min
 Lab File: BG042334.D
 Acq: 19 Aug 2019 19:52

Tgt Ion:244 Resp: 1112889
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 7.9 6.6 10.0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.96 min Scan# 3723
Delta R.T. 0.02 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tot Ion: 264 Resp: 471454

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	22.0	17.4	26.0

