

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115119.D
 Acq On : 22 Jun 2019 14:37
 Operator : HP/JU
 Sample : K3441-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GWMH-4

Quant Time: Jun 24 05:15:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

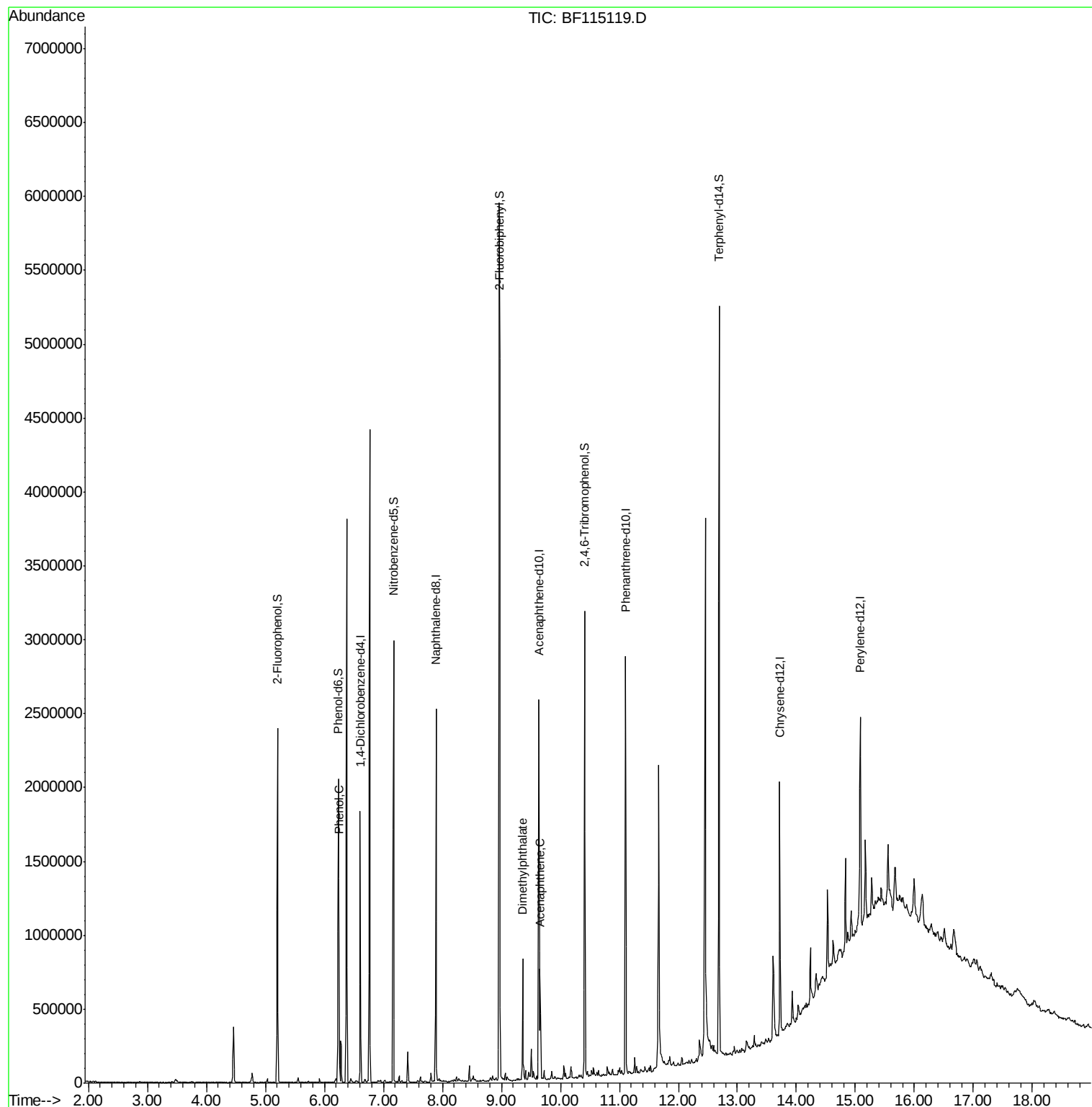
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	273166	20.00	ng	-0.01
21) Naphthalene-d8	7.89	136	1048131	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	512228	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	982092	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	582547	20.00	ng	-0.03
87) Perylene-d12	15.08	264	584586	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	745963	42.14	ng	0.00
7) Phenol-d6	6.24	99	636293	29.62	ng	-0.02
23) Nitrobenzene-d5	7.17	82	1059097	62.16	ng	-0.01
42) 2,4,6-Tribromophenol	10.41	330	364974	67.57	ng	-0.02
45) 2-Fluorobiphenyl	8.97	172	1959063	64.97	ng	-0.02
79) Terphenyl-d14	12.69	244	1858382	67.83	ng	-0.02
Target Compounds						
10) Phenol	6.25	94	67034	2.664	ng	85
50) Dimethylphthalate	9.36	163	295854	7.851	ng	99
52) Acenaphthene	9.67	154	72428	2.235	ng	98

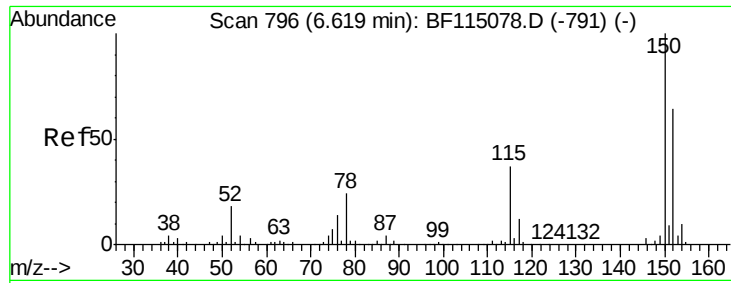
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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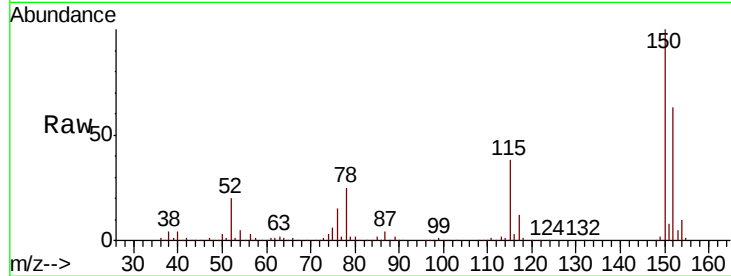


#1

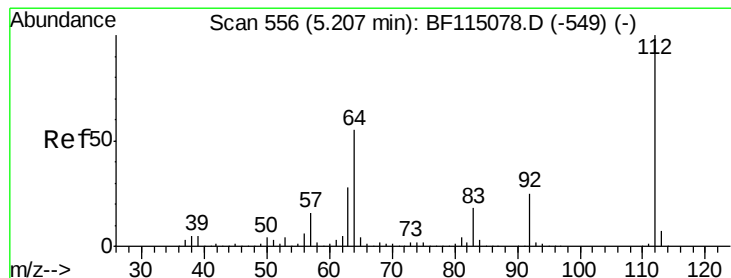
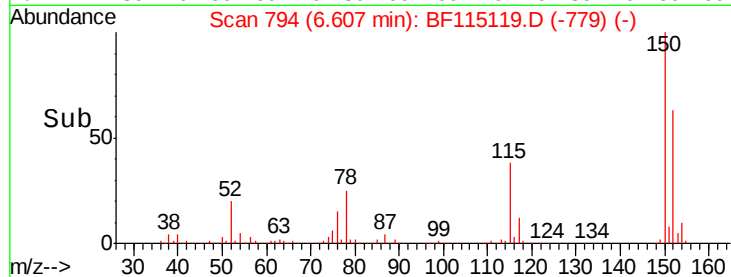
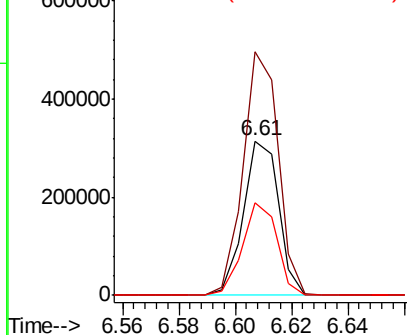
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF115119.D
 Acq: 22 Jun 2019 14:37

Instrument :
 BNA_F
 ClientSampleId :
 GWMH-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.2	186.2
115	60.4	46.1	69.1



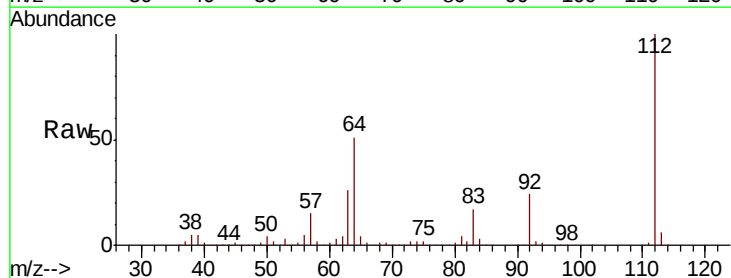
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



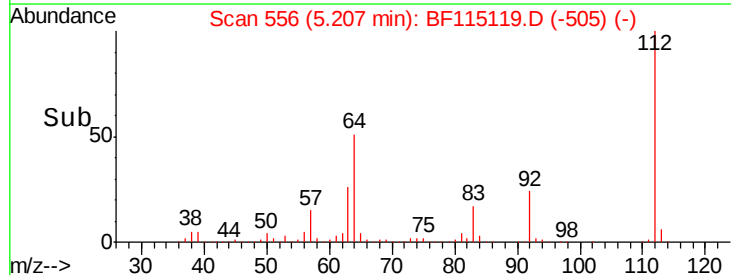
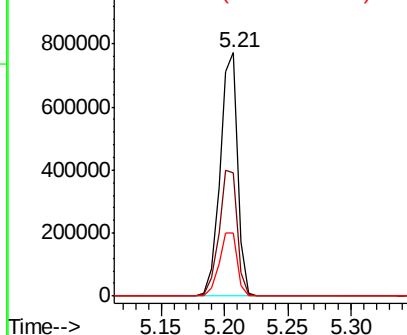
#5

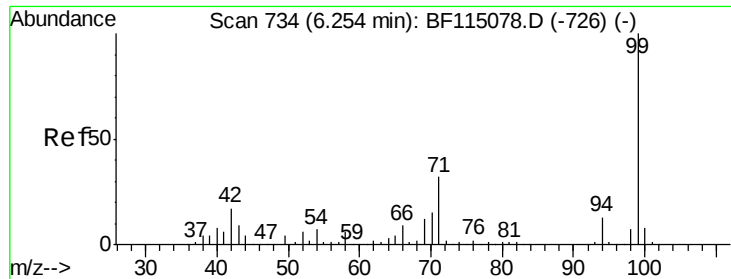
2-Fluorophenol
 Concen: 42.141 ng
 RT: 5.21 min Scan# 556
 Delta R.T. -0.00 min
 Lab File: BF115119.D
 Acq: 22 Jun 2019 14:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.8	43.8	65.6
63	25.9	22.2	33.4



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 29.615 ng

RT: 6.24 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF115119.D

Acq: 22 Jun 2019 14:37

Instrument :

BNA_F

ClientSampleId :

GWMH-4

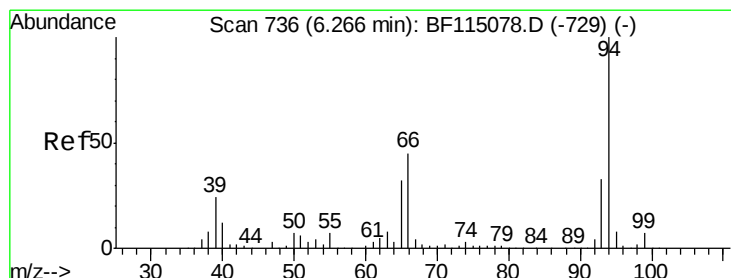
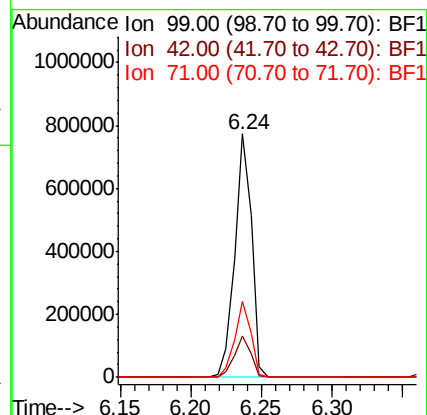
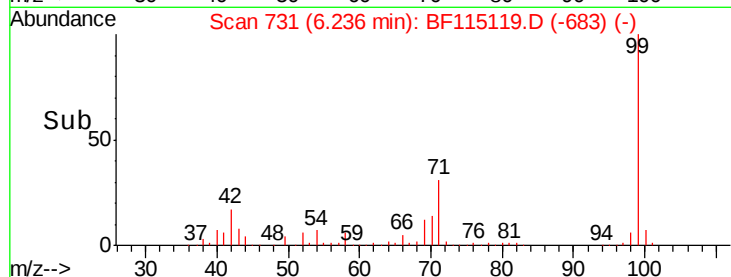
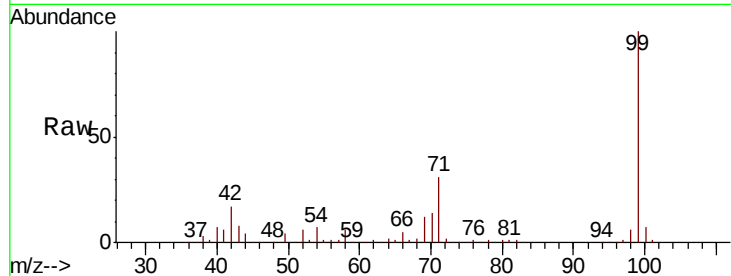
Tot Ion: 99 Resp: 636293

Ion Ratio Lower Upper

99 100

42 17.1 13.6 20.4

71 31.3 25.5 38.3



#10

Phenol

Concen: 2.664 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF115119.D

Acq: 22 Jun 2019 14:37

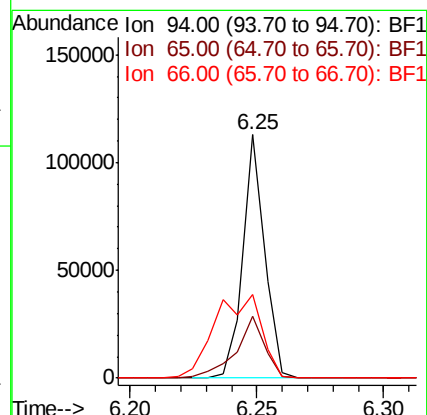
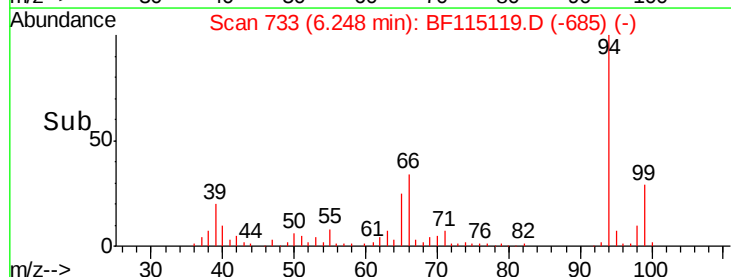
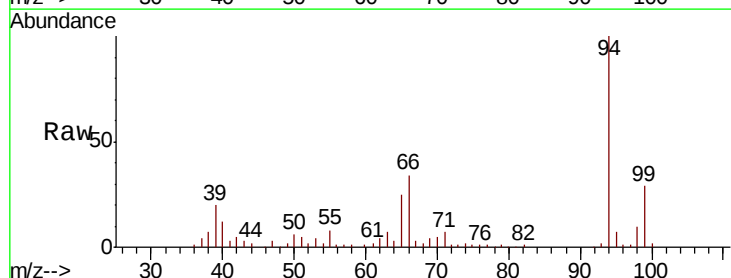
Tgt Ion: 94 Resp: 67034

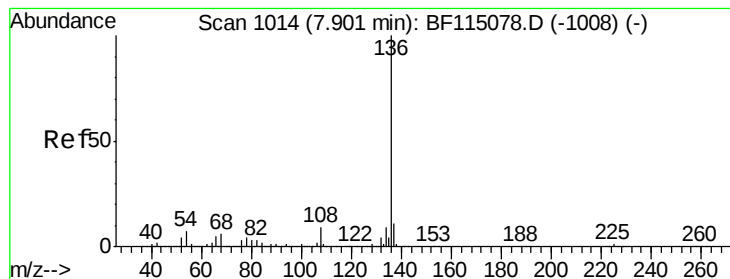
Ion Ratio Lower Upper

94 100

65 25.4 11.9 51.9

66 34.1 25.2 65.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF115119.D

Acq: 22 Jun 2019 14:37

Instrument :

BNA_F

ClientSampleId :

GWMH-4

Tot Ion:136 Resp: 1048131

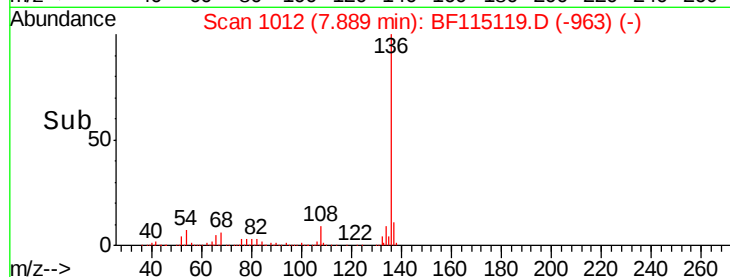
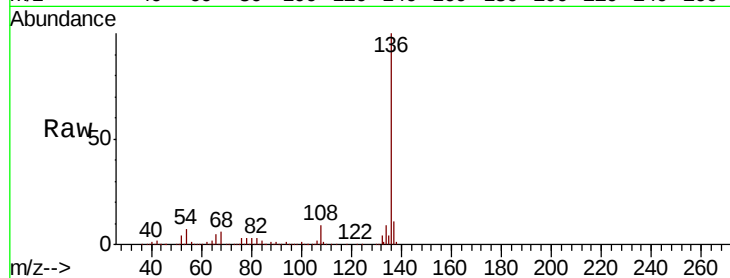
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.9 5.6 8.4

68 5.9 4.8 7.2

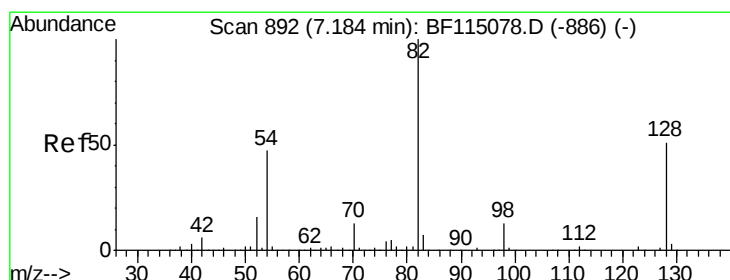
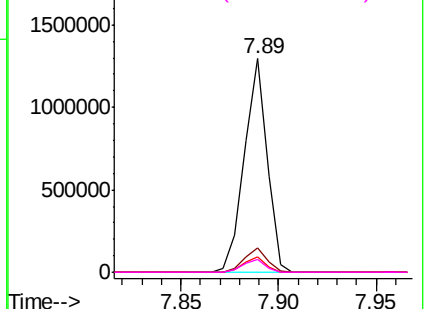


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 62.159 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF115119.D

Acq: 22 Jun 2019 14:37

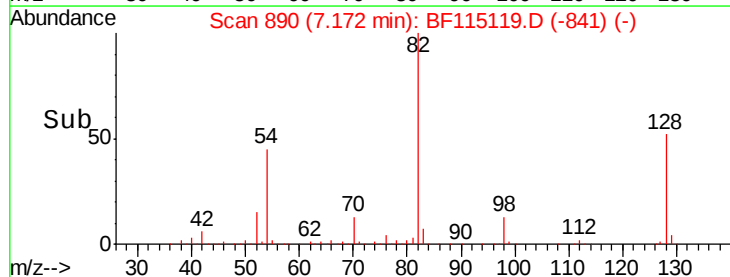
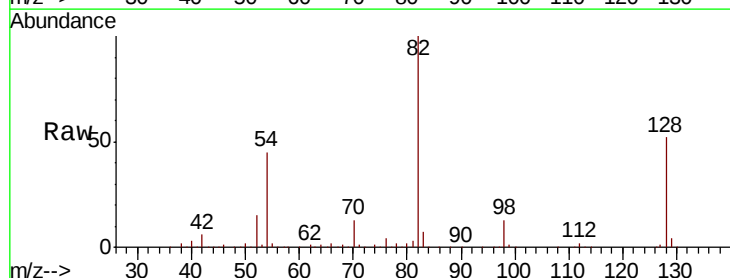
Tgt Ion: 82 Resp: 1059097

Ion Ratio Lower Upper

82 100

128 51.9 40.4 60.6

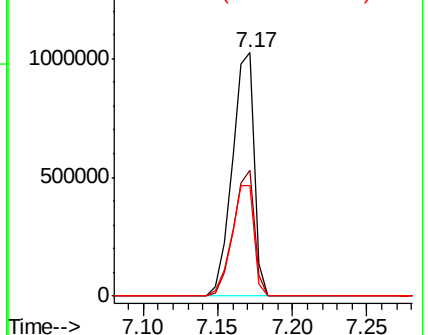
54 45.4 37.5 56.3

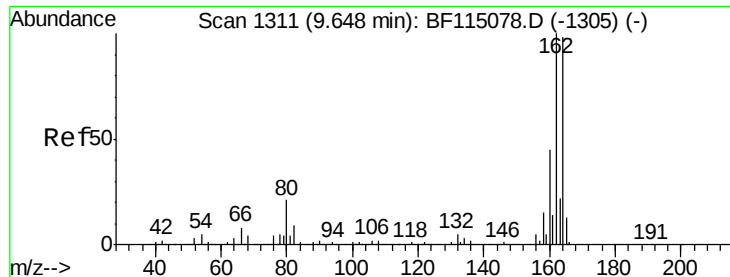


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

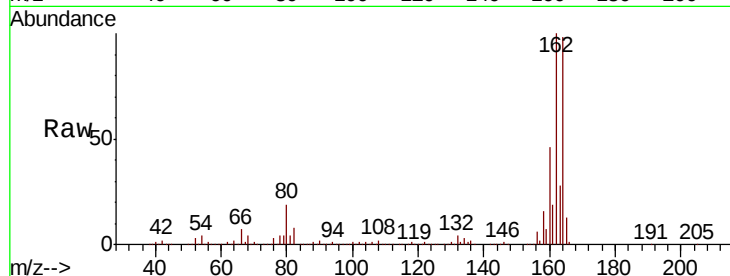




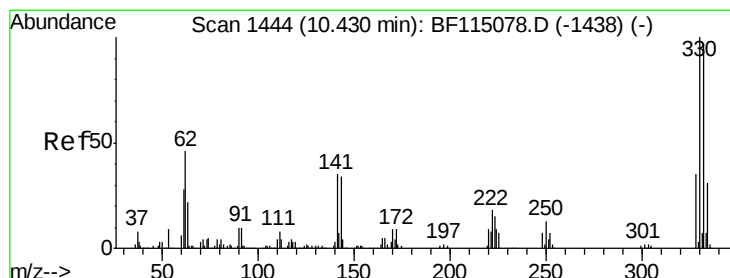
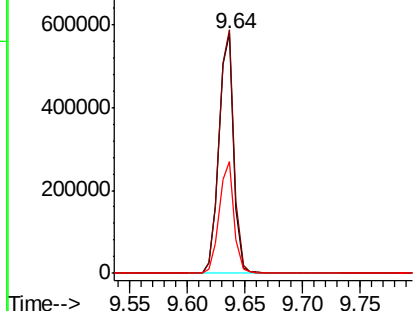
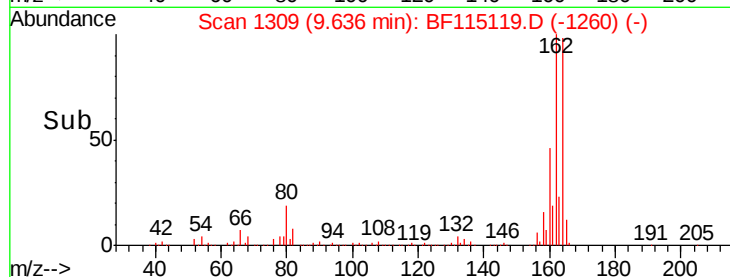
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF115119.D
 Acq: 22 Jun 2019 14:37

Instrument :
 BNA_F
 ClientSampleId :
 GWMH-4

Tot Ion:164 Resp: 512228
 Ion Ratio Lower Upper
 164 100
 162 101.6 81.7 122.5
 160 46.5 37.0 55.4

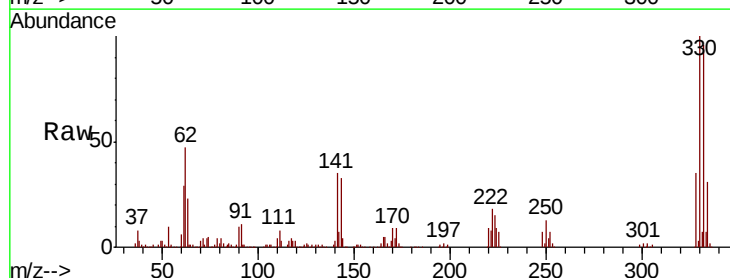


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

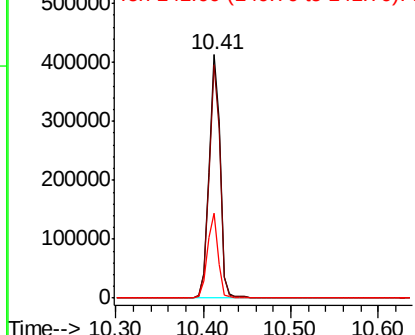
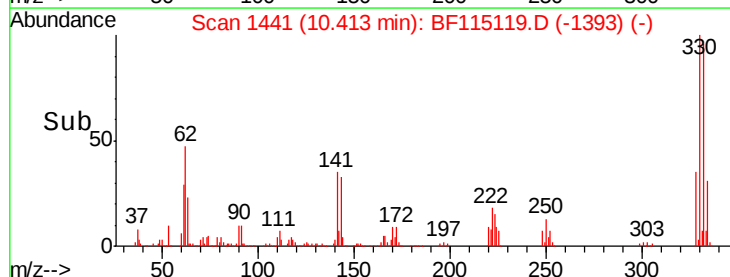


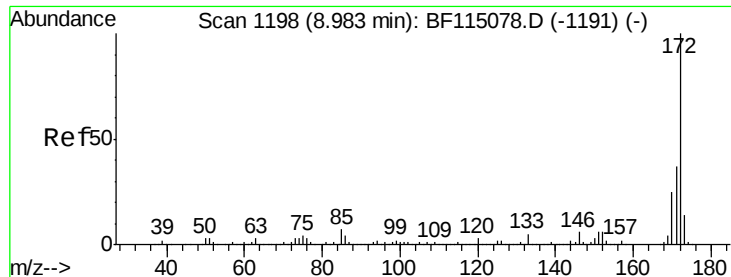
#42
 2,4,6-Tribromophenol
 Concen: 67.567 ng
 RT: 10.41 min Scan# 1441
 Delta R.T. -0.02 min
 Lab File: BF115119.D
 Acq: 22 Jun 2019 14:37

Tgt Ion:330 Resp: 364974
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 34.1 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



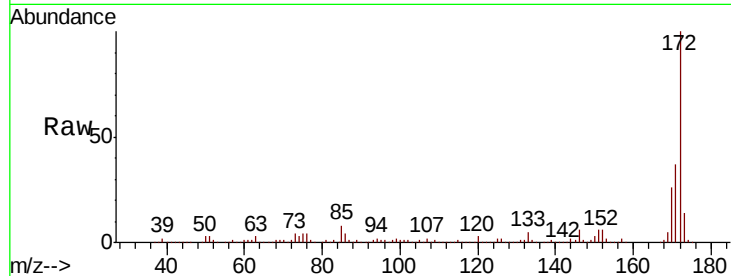


#45
 2-Fluorobiphenyl
 Concen: 64.965 ng
 RT: 8.97 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF115119.D
 Acq: 22 Jun 2019 14:37

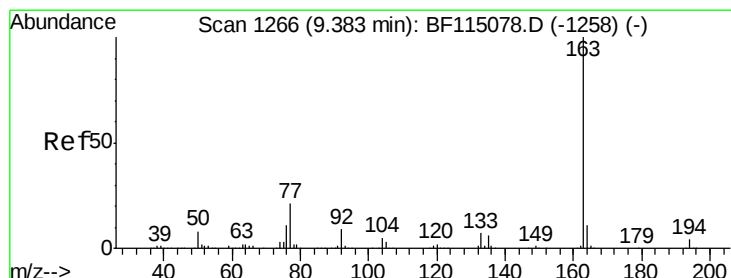
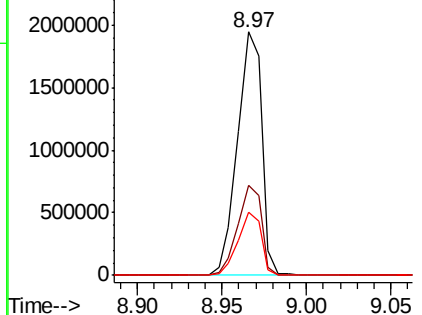
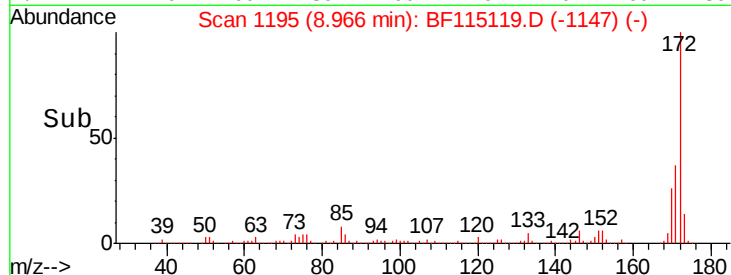
Instrument :
 BNA_F
 ClientSampled :
 GWMH-4

Tot Ion:172 Resp: 1959063

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.8	44.6
170	25.8	20.3	30.5



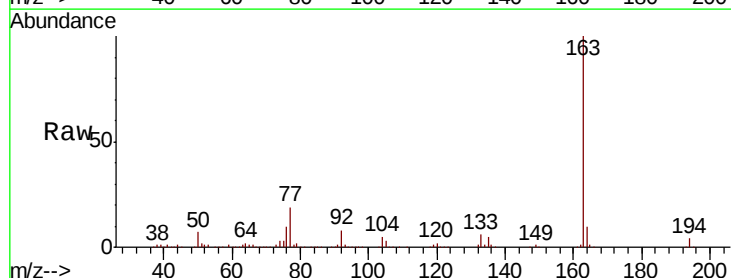
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



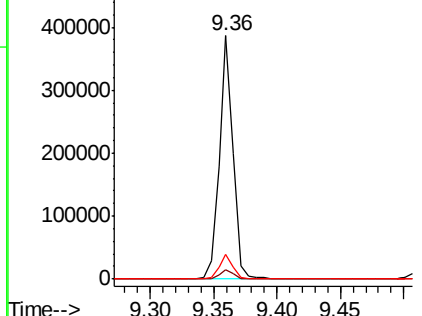
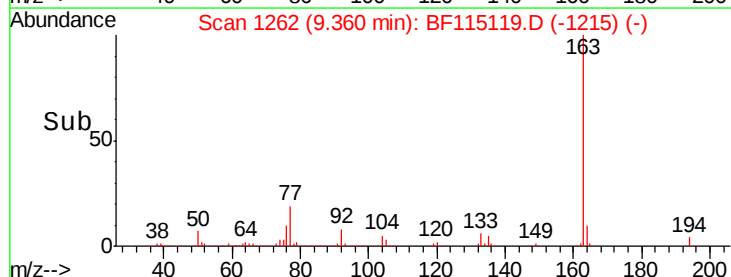
#50
 Dimethylphthalate
 Concen: 7.851 ng
 RT: 9.36 min Scan# 1262
 Delta R.T. -0.02 min
 Lab File: BF115119.D
 Acq: 22 Jun 2019 14:37

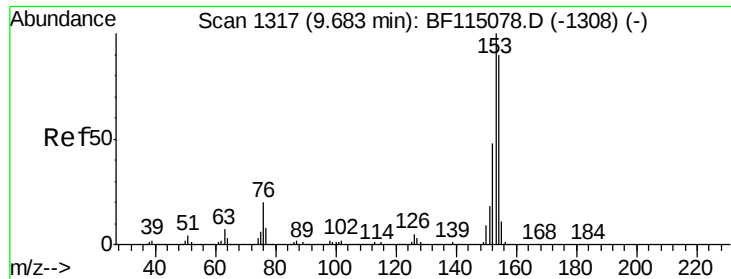
Tgt Ion:163 Resp: 295854

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.2	8.6	13.0



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

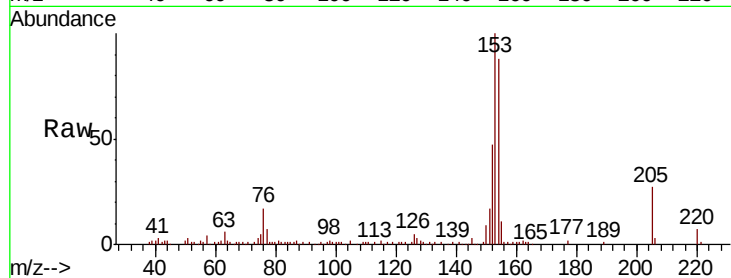




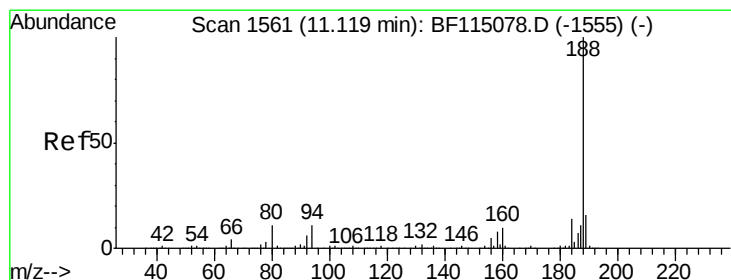
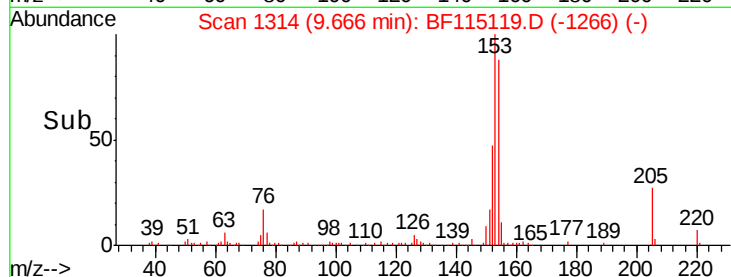
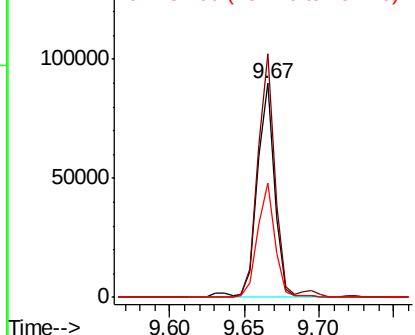
#52
Acenaphthene
Concen: 2.235 ng
RT: 9.67 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF115119.D
Acq: 22 Jun 2019 14:37

Instrument :
BNA_F
ClientSampleId :
GWMH-4

Tot Ion:154 Resp: 72428
Ion Ratio Lower Upper
154 100
153 113.9 88.7 133.1
152 53.6 42.6 64.0

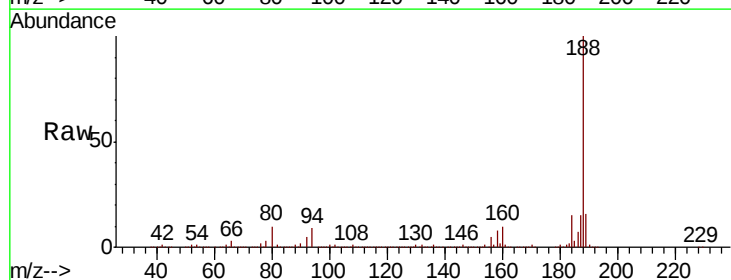


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

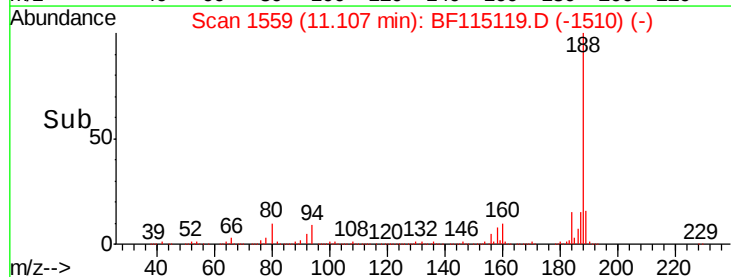
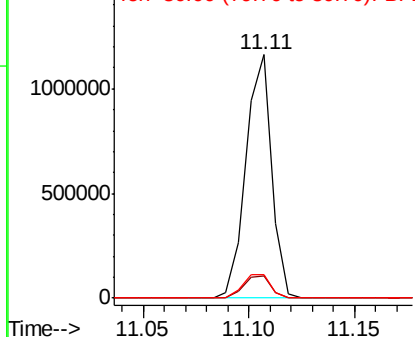


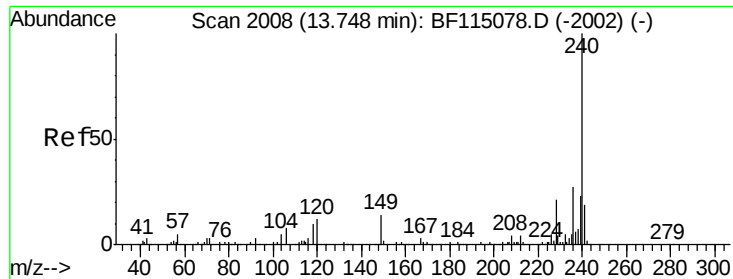
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115119.D
Acq: 22 Jun 2019 14:37

Tgt Ion:188 Resp: 982092
Ion Ratio Lower Upper
188 100
94 9.0 8.6 12.8
80 9.7 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

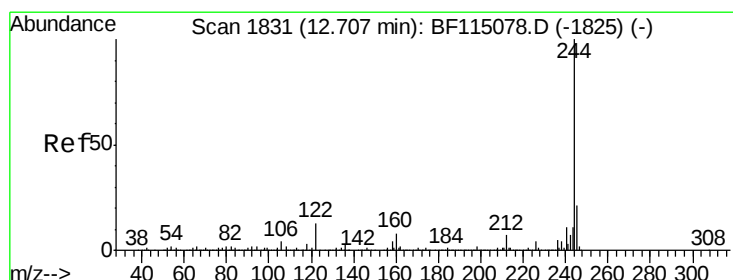
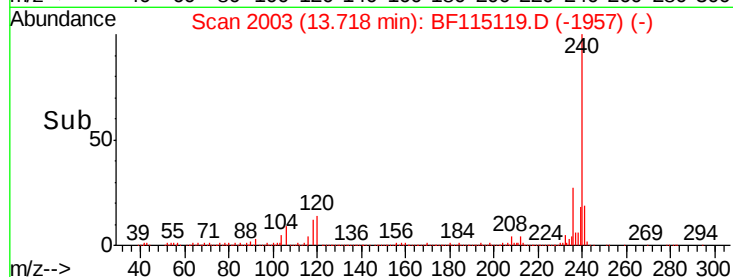
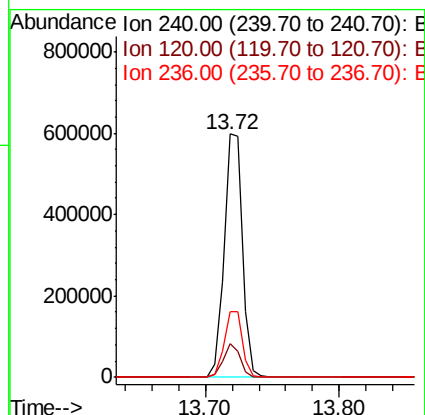
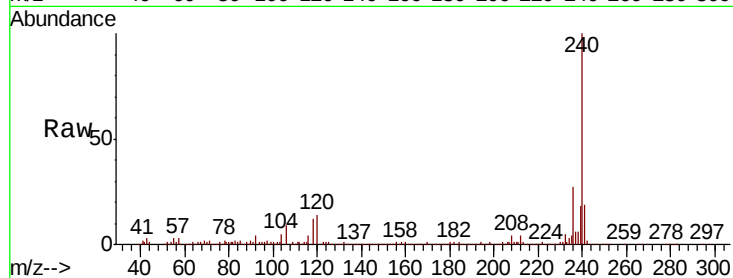




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2003
Delta R.T. -0.03 min
Lab File: BF115119.D
Acq: 22 Jun 2019 14:37

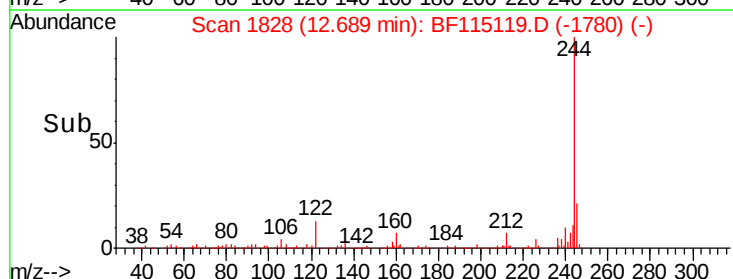
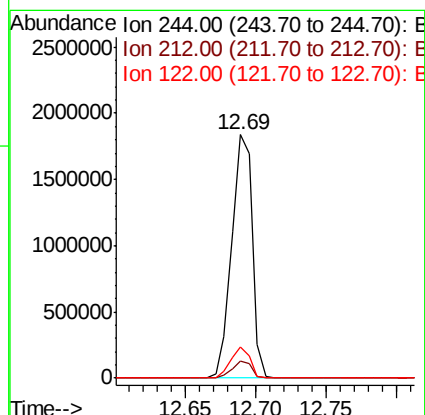
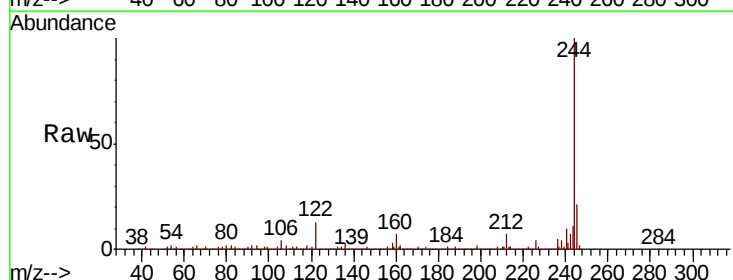
Instrument :
BNA_F
ClientSampleId :
GWMH-4

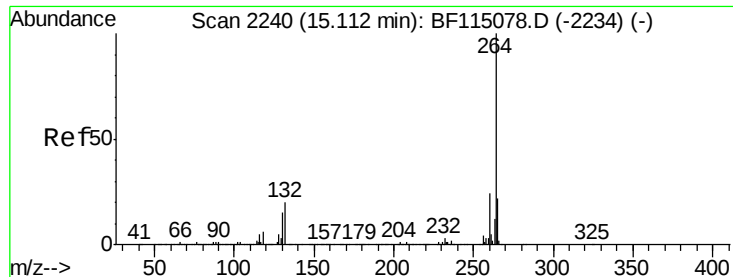
Tot Ion:240 Resp: 582547
Ion Ratio Lower Upper
240 100
120 14.0 9.4 14.2
236 26.9 21.7 32.5



#79
Terphenyl-d14
Concen: 67.826 ng
RT: 12.69 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BF115119.D
Acq: 22 Jun 2019 14:37

Tgt Ion:244 Resp: 1858382
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 13.0 10.4 15.6





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.08 min Scan# 2235
 Delta R.T. -0.03 min
 Lab File: BF115119.D
 Acq: 22 Jun 2019 14:37

Instrument :
 BNA_F
 ClientSampleId :
 GWMH-4

Tot Ion:	264	Resp:	584586
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	22.4	17.3	25.9

