

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118101.D
 Acq On : 4 Dec 2019 22:11
 Operator : JU
 Sample : K6098-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C7-GW

Quant Time: Dec 05 03:03:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

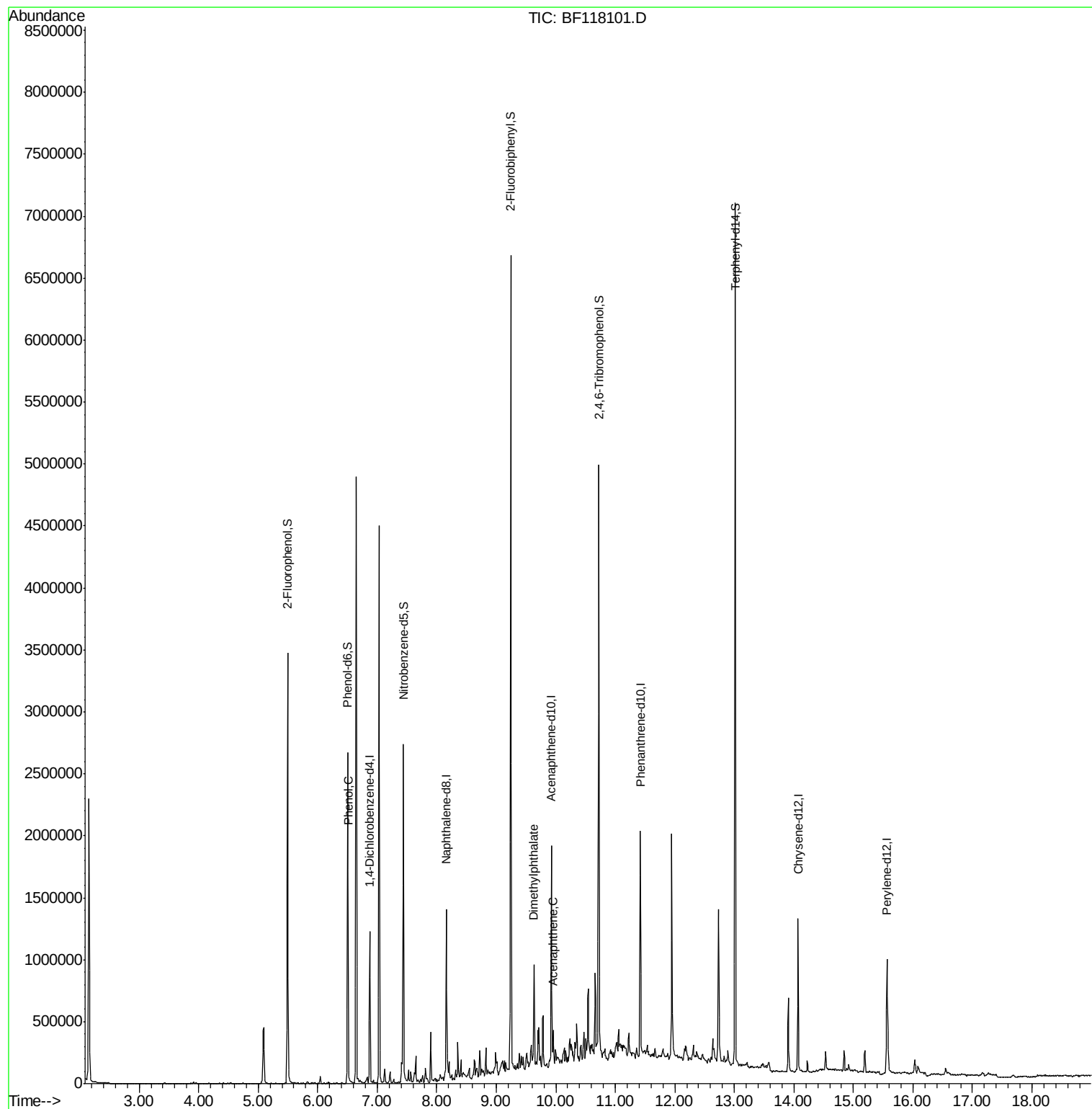
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	176654	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	629611	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	337921	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	646187	20.00	ng	0.00
76) Chrysene-d12	14.07	240	415295	20.00	ng	0.00
87) Perylene-d12	15.57	264	439557	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1070675	107.28	ng	0.01
7) Phenol-d6	6.50	99	920371	76.46	ng	0.00
23) Nitrobenzene-d5	7.44	82	981733	92.69	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	616803	172.41	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2014367	106.94	ng	0.00
79) Terphenyl-d14	13.02	244	2530631	111.37	ng	0.00
Target Compounds						
10) Phenol	6.52	94	27237	2.177	ng	95
50) Dimethylphthalate	9.64	163	354633	14.966	ng	99
52) Acenaphthene	9.96	154	49744	2.582	ng	100

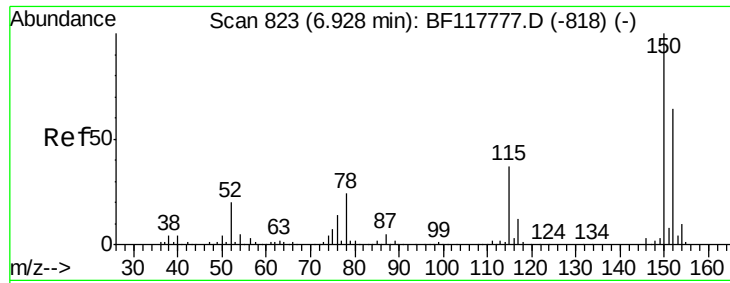
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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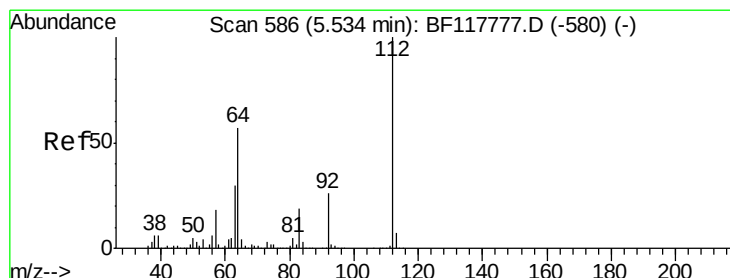
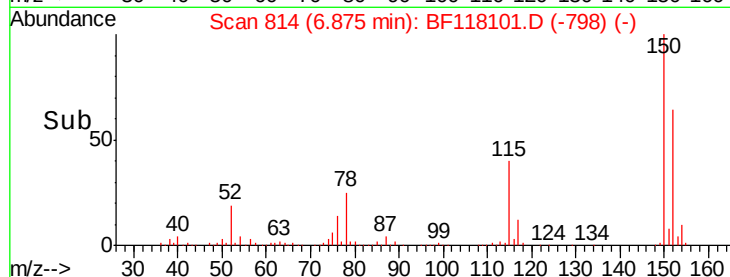
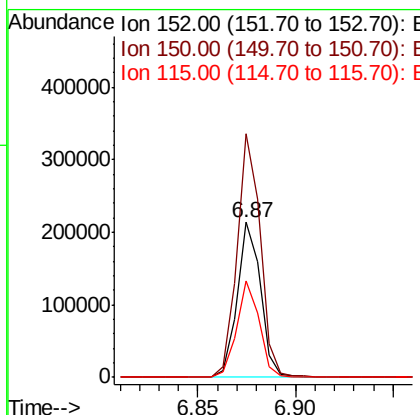
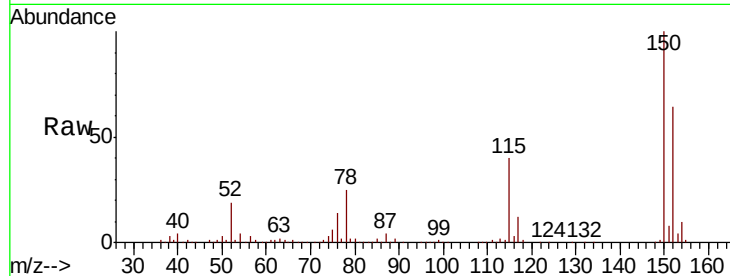




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF118101.D
 Acq: 4 Dec 2019 22:11

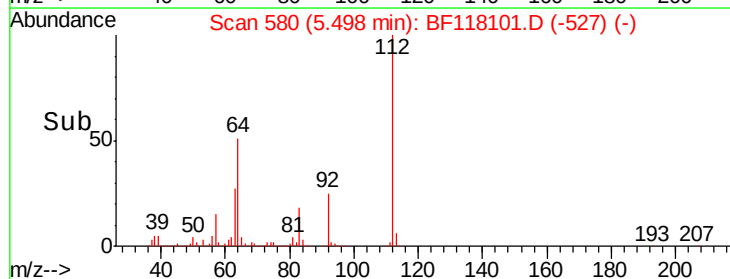
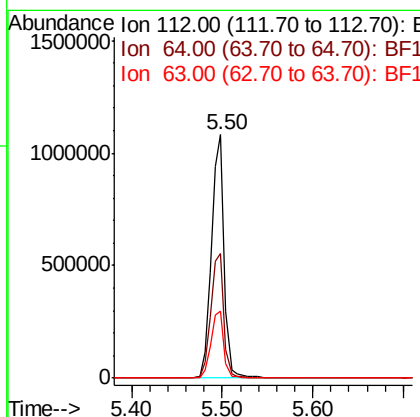
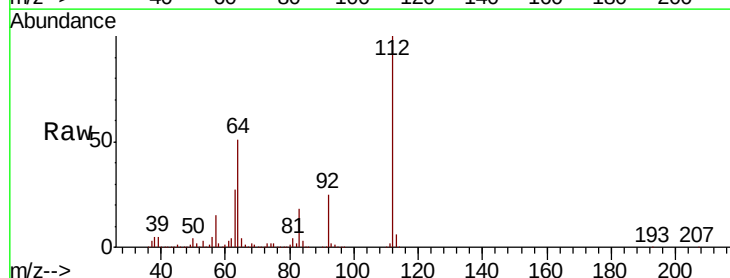
Instrument :
 BNA_F
 ClientSampleId :
 OWL-C7-GW

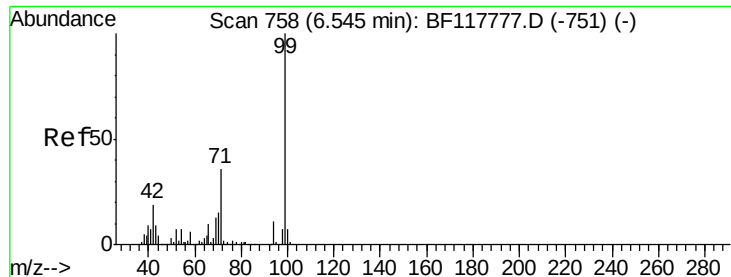
Tot Ion:152 Resp: 176654
 Ion Ratio Lower Upper
 152 100
 150 157.3 121.4 182.2
 115 62.7 48.8 73.2



#5
 2-Fluorophenol
 Concen: 107.284 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF118101.D
 Acq: 4 Dec 2019 22:11

Tgt Ion:112 Resp: 1070675
 Ion Ratio Lower Upper
 112 100
 64 51.0 45.1 67.7
 63 27.5 24.6 37.0





#7

Phenol-d6

Concen: 76.460 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118101.D

Acq: 4 Dec 2019 22:11

Instrument :

BNA_F

ClientSampleId :

OWL-C7-GW

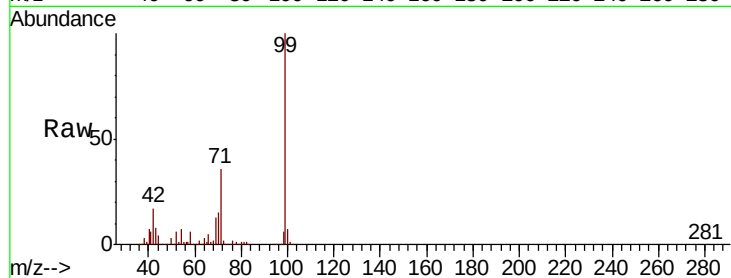
Tot Ion: 99 Resp: 920371

Ion Ratio Lower Upper

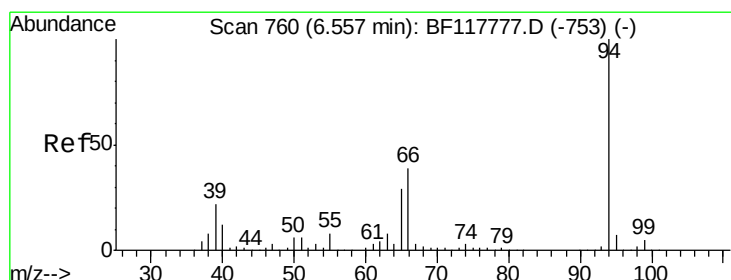
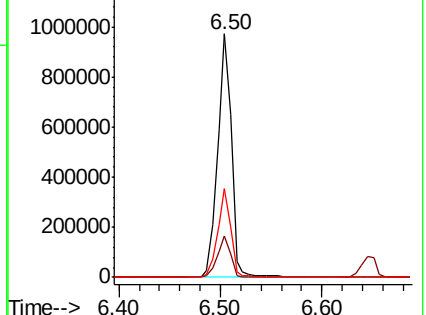
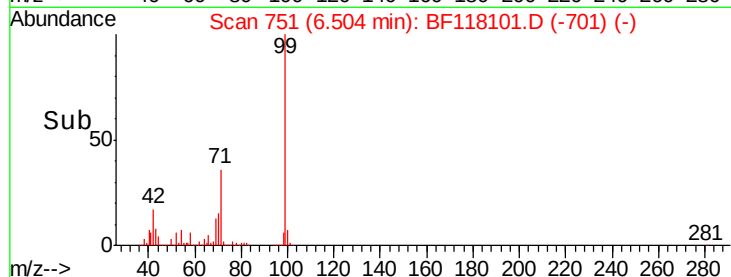
99 100

42 16.9 14.0 21.0

71 36.3 29.2 43.8



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.177 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118101.D

Acq: 4 Dec 2019 22:11

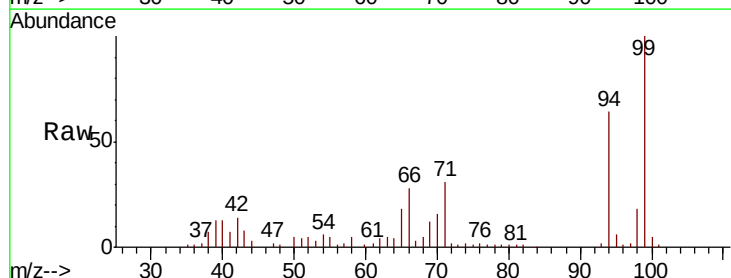
Tgt Ion: 94 Resp: 27237

Ion Ratio Lower Upper

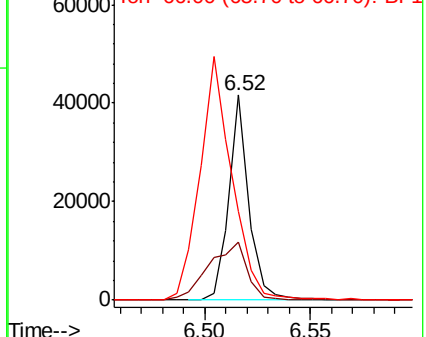
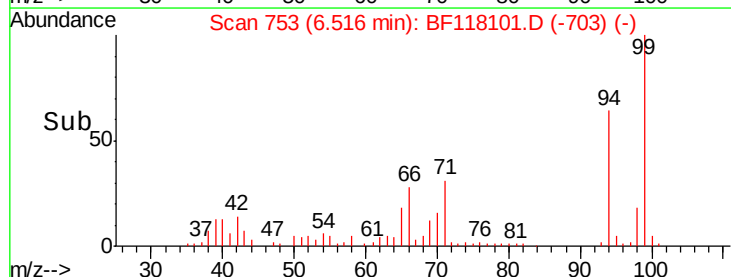
94 100

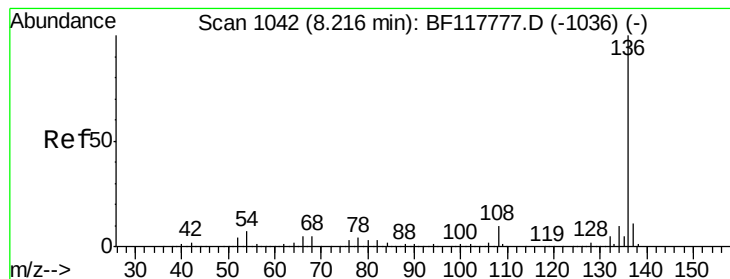
65 28.1 6.9 46.9

66 43.2 18.6 58.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118101.D

Acq: 4 Dec 2019 22:11

Instrument :

BNA_F

ClientSampleId :

OWL-C7-GW

Tot Ion:136 Resp: 629611

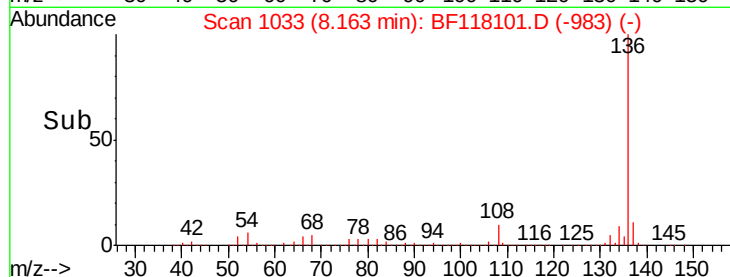
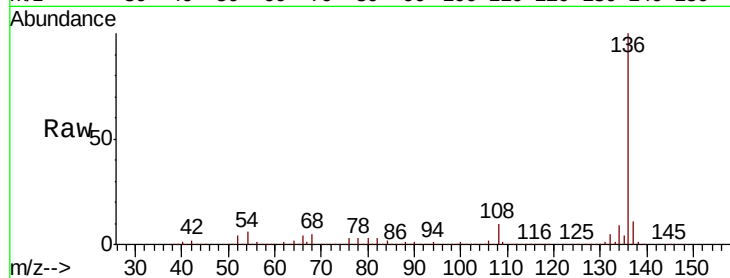
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.5 4.9 7.3

68 5.1 3.6 5.4

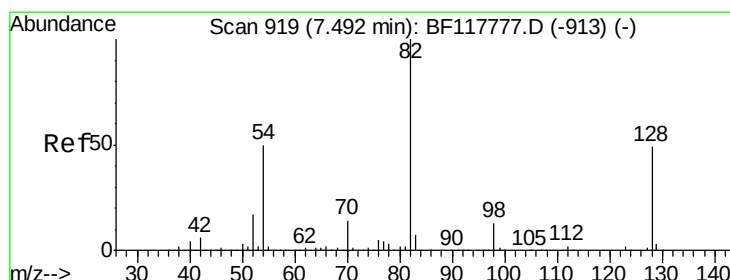
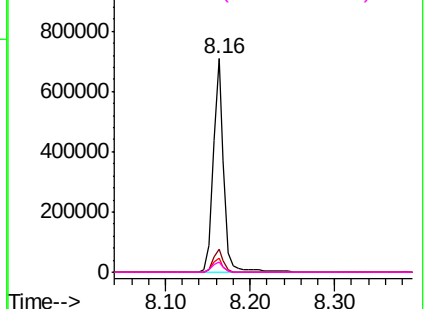


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 92.692 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF118101.D

Acq: 4 Dec 2019 22:11

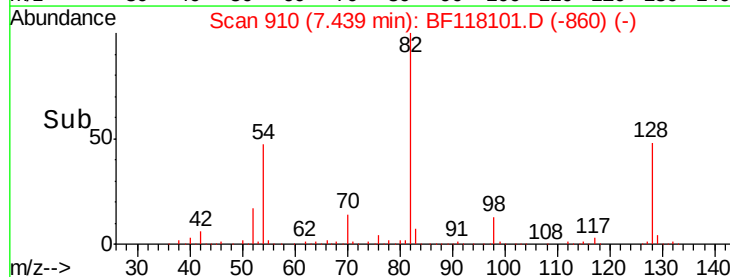
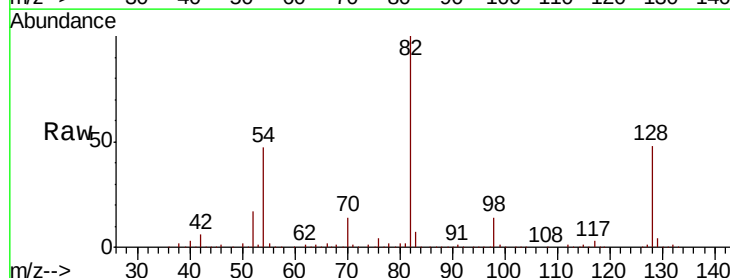
Tgt Ion: 82 Resp: 981733

Ion Ratio Lower Upper

82 100

128 47.7 38.2 57.4

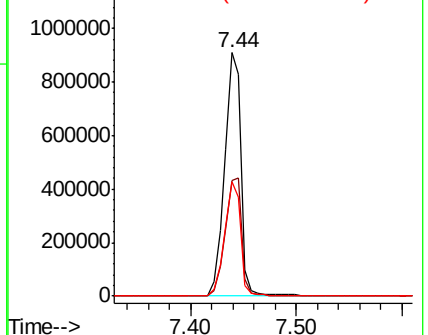
54 46.7 39.0 58.4

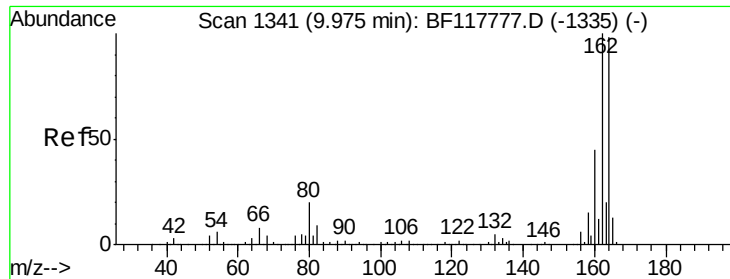


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

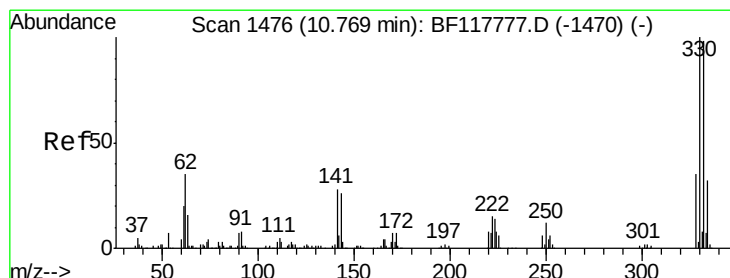
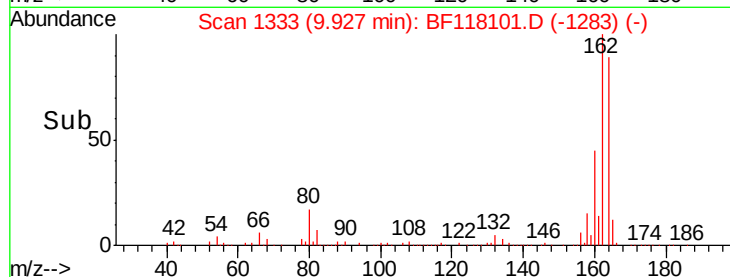
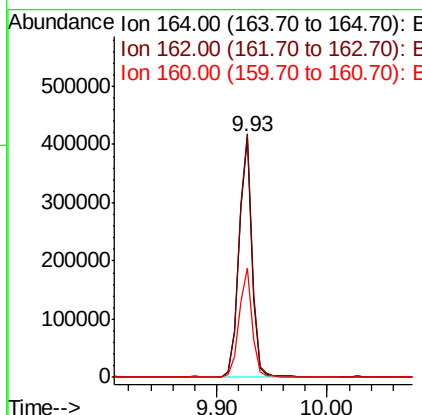
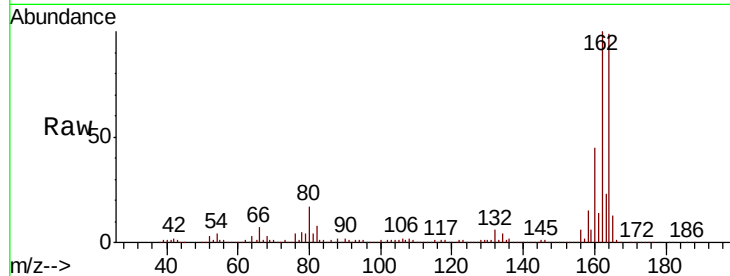




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF118101.D
 Acq: 4 Dec 2019 22:11

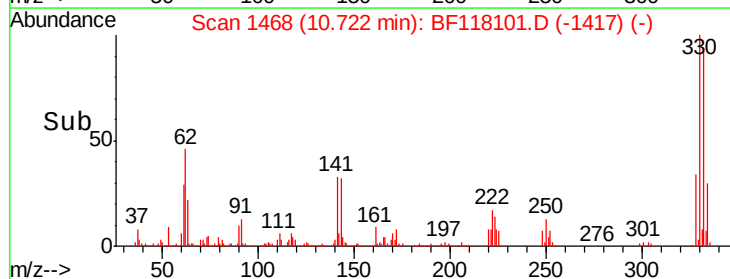
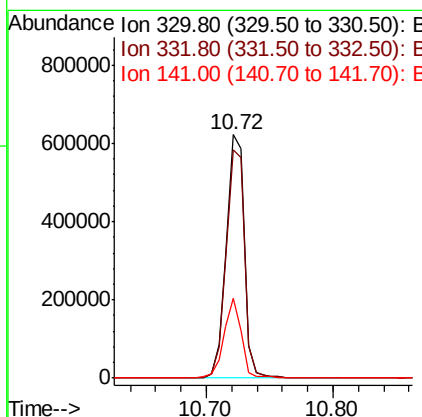
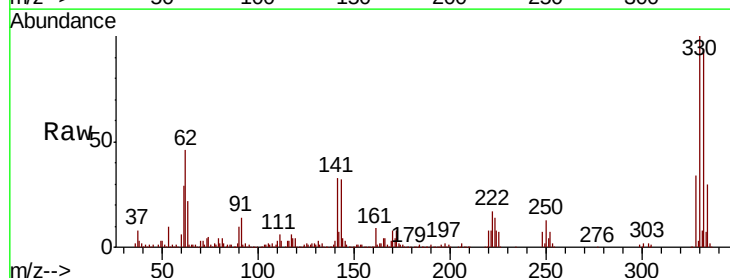
Instrument :
 BNA_F
 ClientSampleId :
 OWL-C7-GW

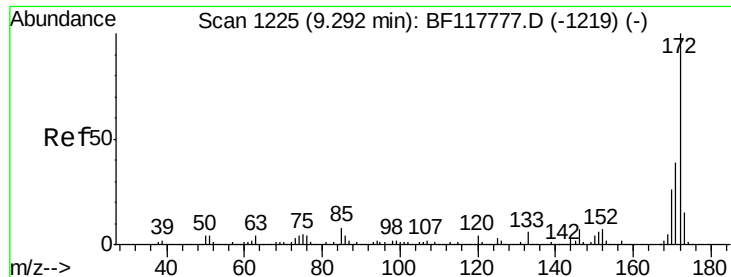
Tot Ion:164 Resp: 337921
 Ion Ratio Lower Upper
 164 100
 162 101.3 81.8 122.8
 160 45.3 35.9 53.9



#42
 2,4,6-Tribromophenol
 Concen: 172.410 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF118101.D
 Acq: 4 Dec 2019 22:11

Tgt Ion:330 Resp: 616803
 Ion Ratio Lower Upper
 330 100
 332 95.8 78.3 117.5
 141 30.7 26.4 39.6

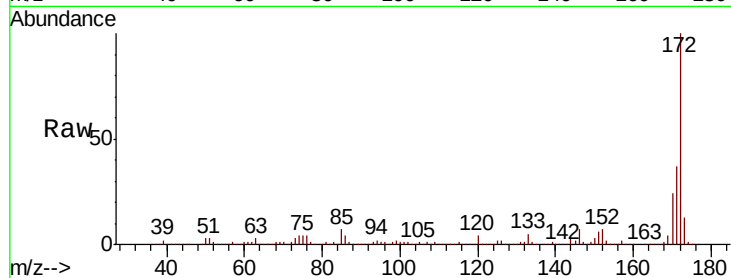




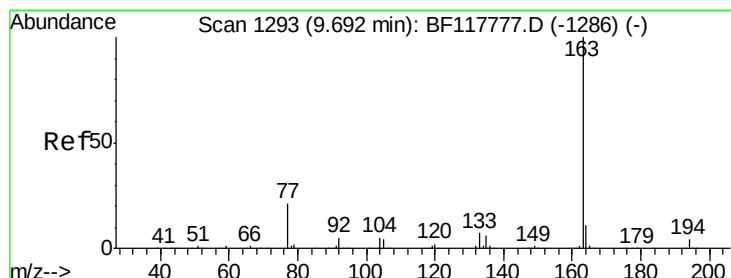
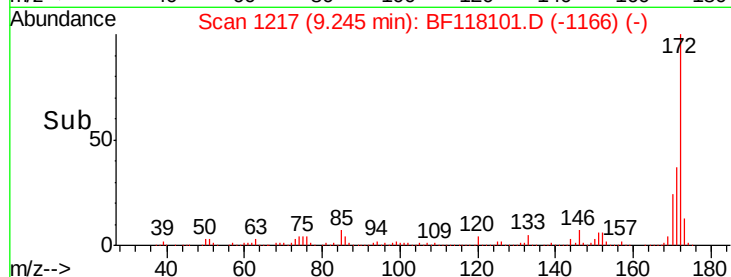
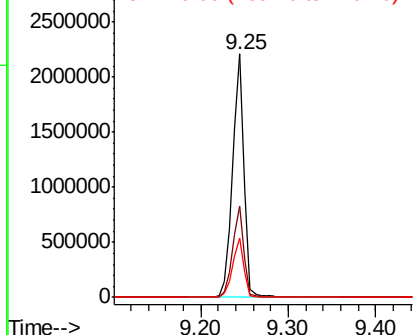
#45
2-Fluorobiphenyl
Concen: 106.943 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF118101.D
Acq: 4 Dec 2019 22:11

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

Tot Ion:172 Resp: 2014367
Ion Ratio Lower Upper
172 100
171 37.2 29.2 43.8
170 24.1 19.3 28.9

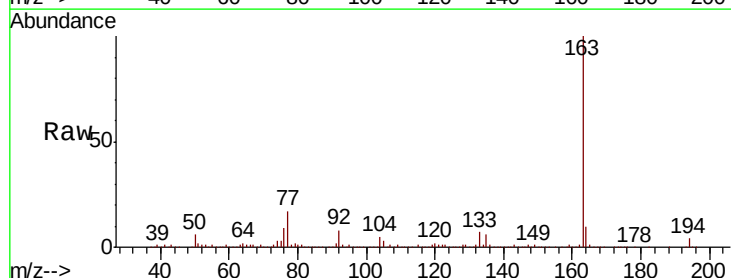


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

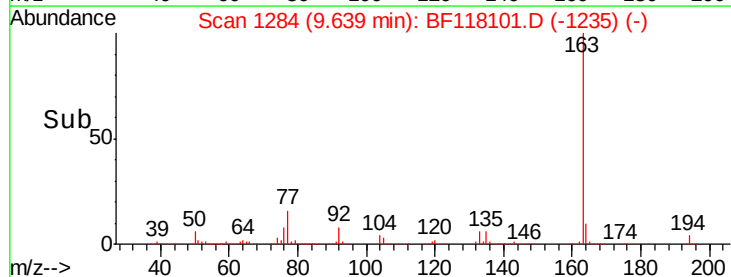
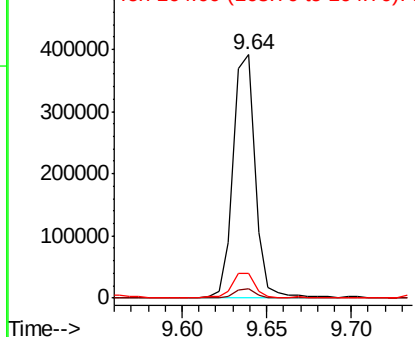


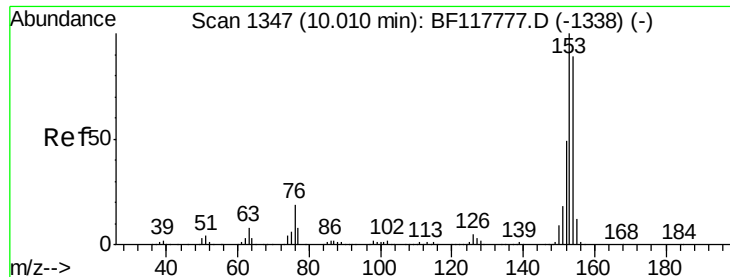
#50
Dimethylphthalate
Concen: 14.966 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF118101.D
Acq: 4 Dec 2019 22:11

Tgt Ion:163 Resp: 354633
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.3 7.9 11.9



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: 2.582 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF118101.D

Acq: 4 Dec 2019 22:11

Instrument :

BNA_F

ClientSampleId :

OWL-C7-GW

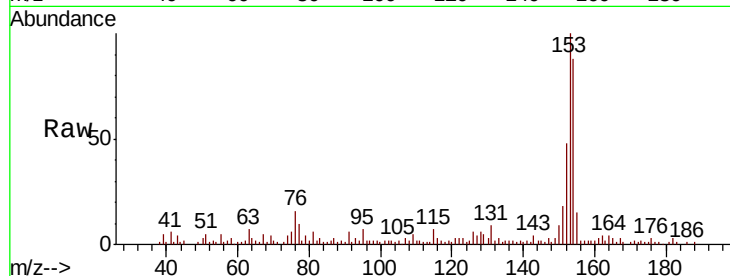
Tot Ion:154 Resp: 49744

Ion Ratio Lower Upper

154 100

153 114.1 91.2 136.8

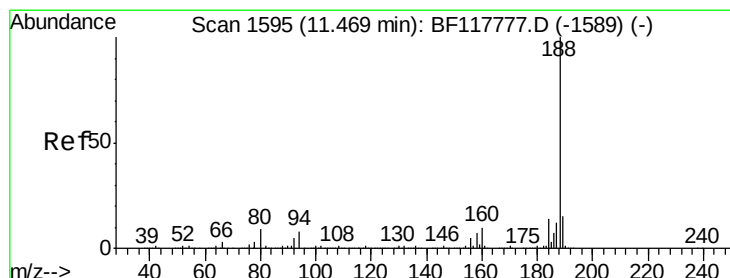
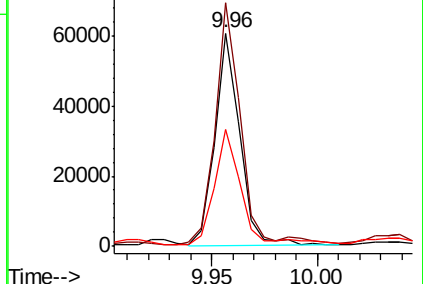
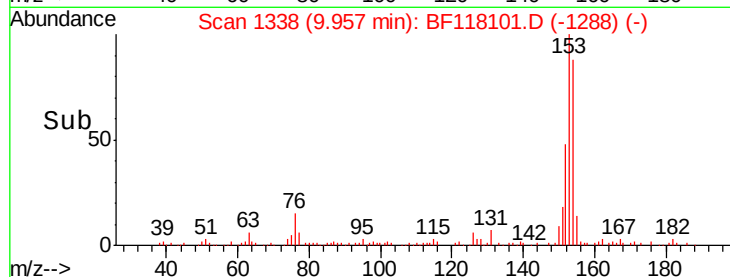
152 55.0 43.6 65.4



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: 11.42 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF118101.D

Acq: 4 Dec 2019 22:11

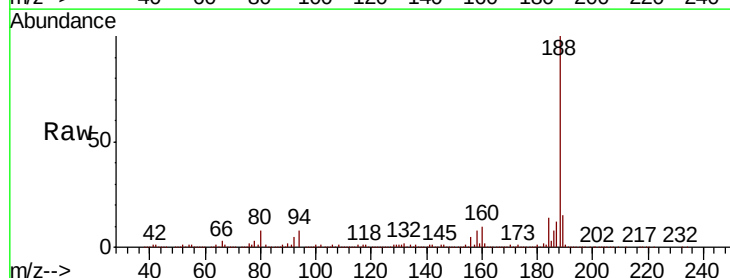
Tgt Ion:188 Resp: 646187

Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.6

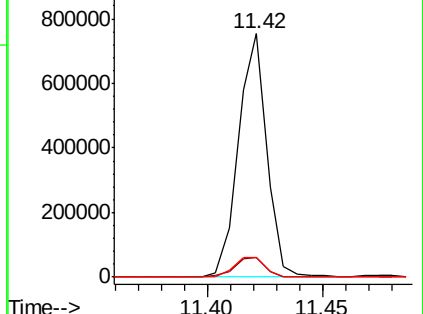
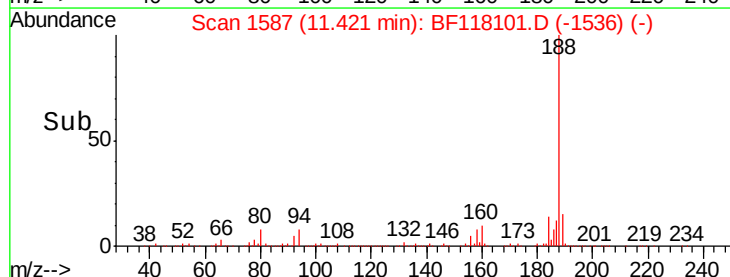
80 8.3 7.2 10.8

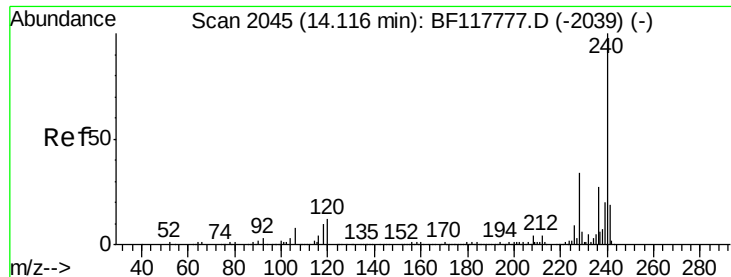


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

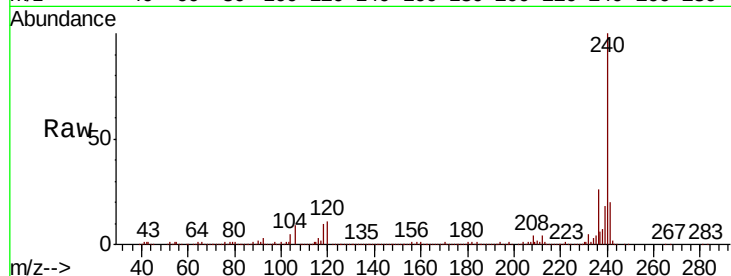




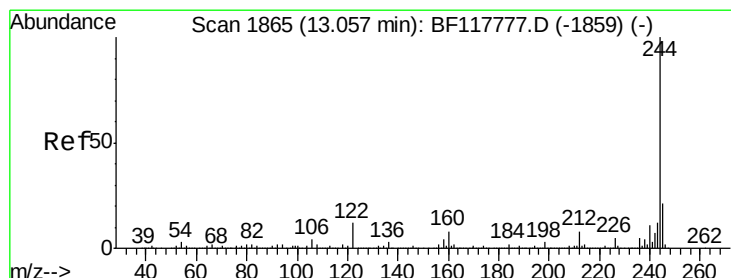
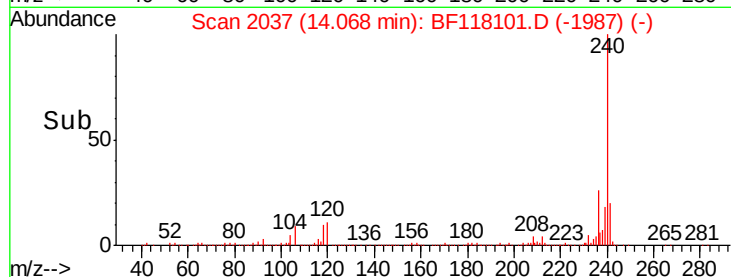
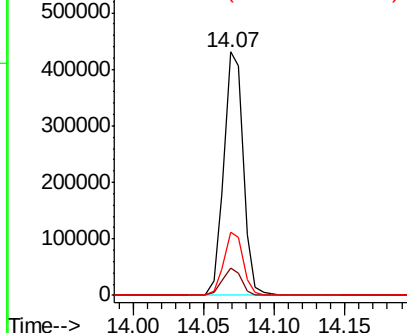
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF118101.D
 Acq: 4 Dec 2019 22:11

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C7-GW

Tot Ion:240 Resp: 415295
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.4 12.6
 236 25.7 20.6 31.0

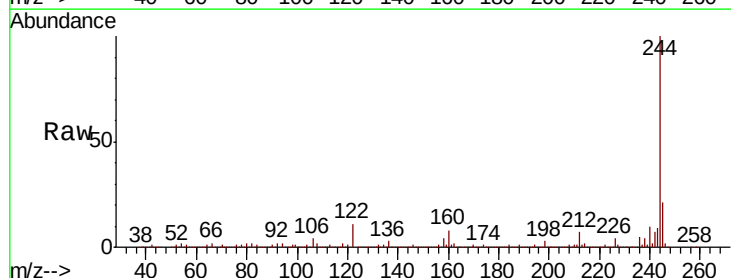


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

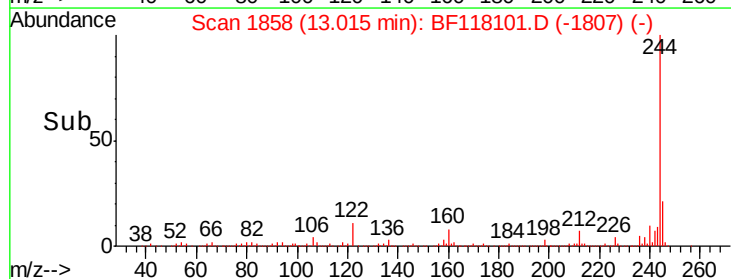
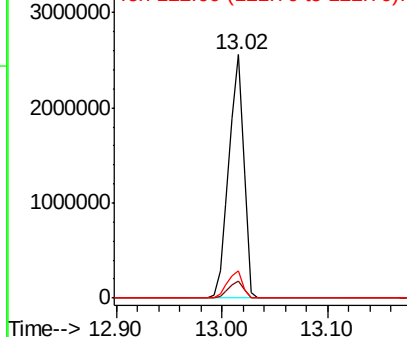


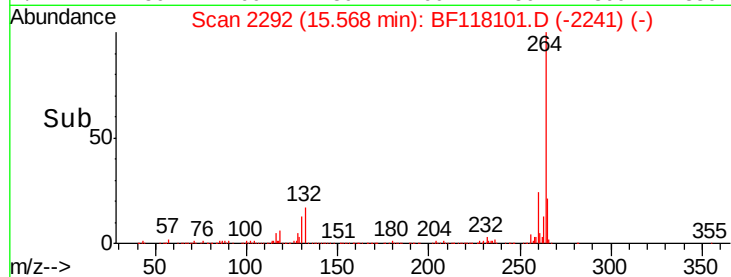
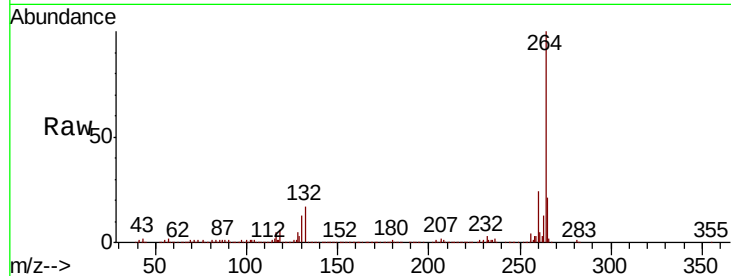
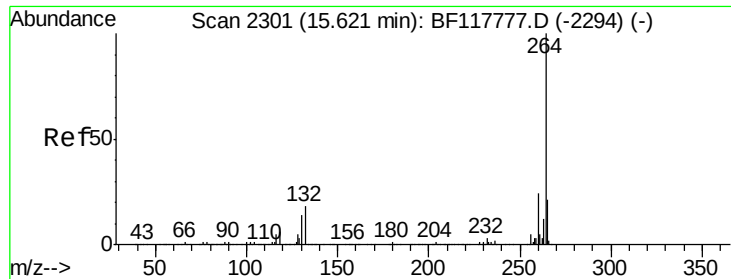
#79
 Terphenyl-d14
 Concen: 111.367 ng
 RT: 13.02 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: BF118101.D
 Acq: 4 Dec 2019 22:11

Tgt Ion:244 Resp: 2530631
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.2 7.8
 122 11.2 7.2 10.8#



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





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BF118101.D
 Acq: 4 Dec 2019 22:11

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C7-GW

Tot Ion:	264	Resp:	439557
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	21.3	16.4	24.6

