

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111957.D
 Acq On : 9 Jan 2019 18:48
 Operator : JU/SJ
 Sample : K1074-05RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W12-3RE

Quant Time: Jan 10 03:01:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

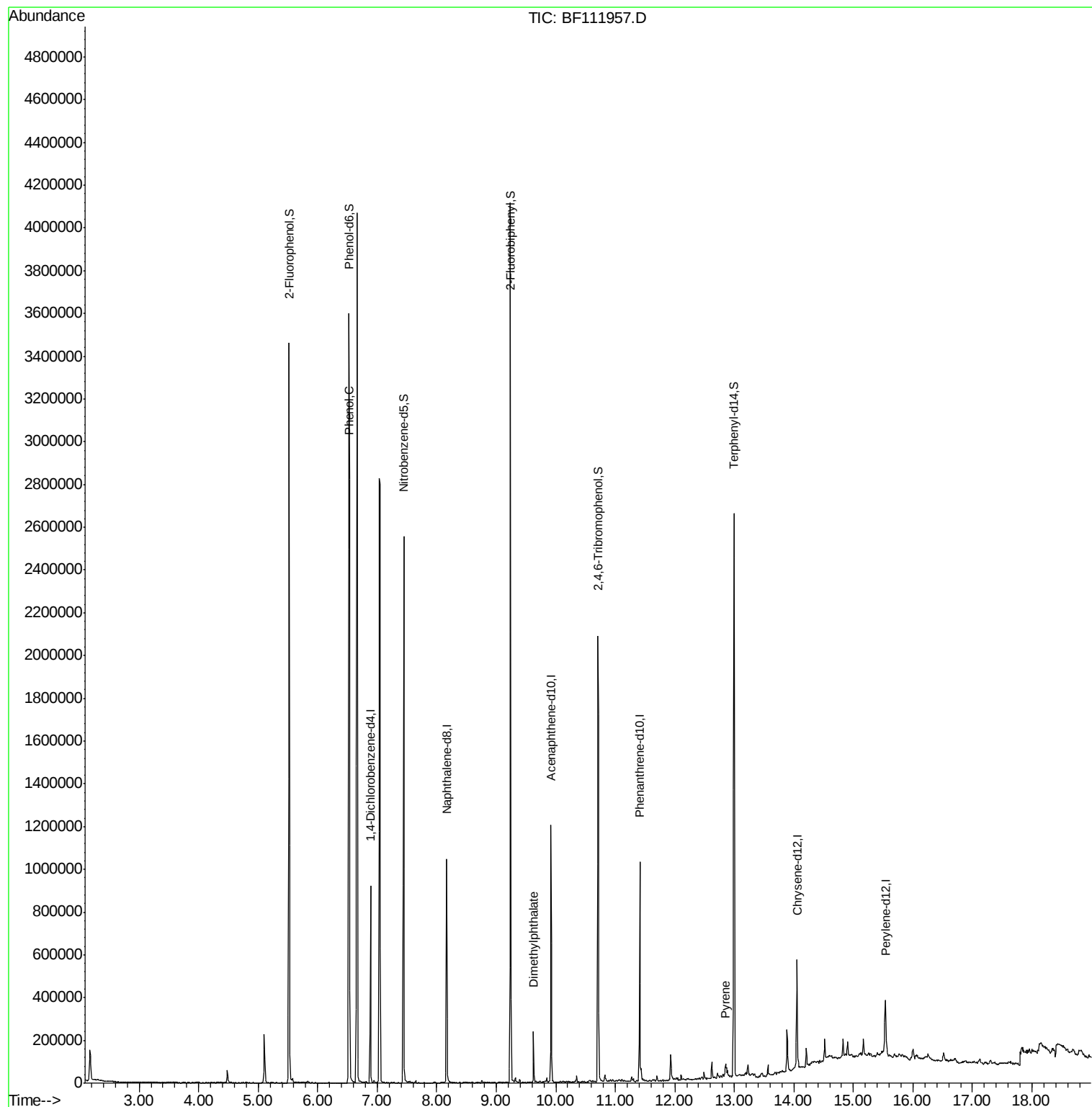
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	136520	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	488289	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	219626	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	356169	20.00	ng	0.00
76) Chrysene-d12	14.05	240	159592	20.00	ng	0.00
87) Perylene-d12	15.54	264	119533	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	921111	115.43	ng	0.00
7) Phenol-d6	6.53	99	1284896	124.93	ng	0.00
23) Nitrobenzene-d5	7.45	82	788586	86.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	262226	91.79	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1288139	85.53	ng	-0.01
79) Terphenyl-d14	12.99	244	949886	112.98	ng	0.00
Target Compounds						
10) Phenol	6.54	94	34930	3.125	ng	79
50) Dimethylphthalate	9.63	163	86415	5.238	ng	98
78) Pyrene	12.85	202	23496	2.140	ng	98

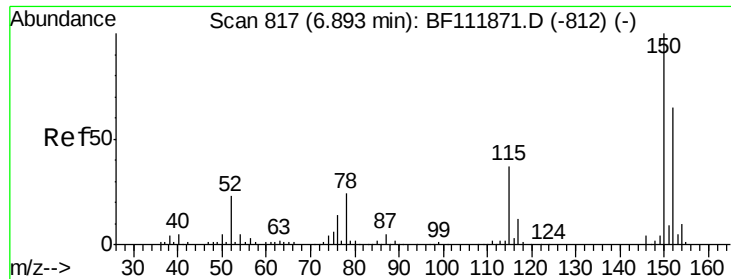
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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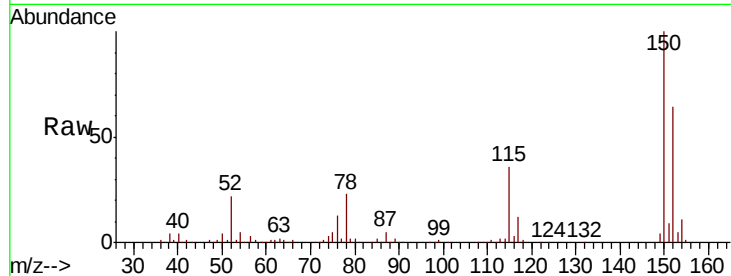


#1

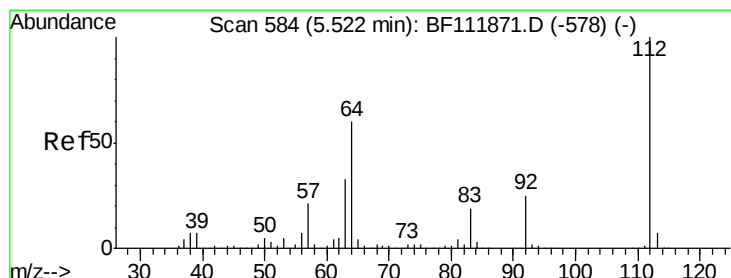
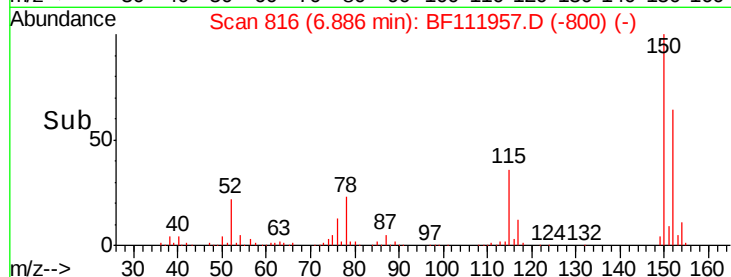
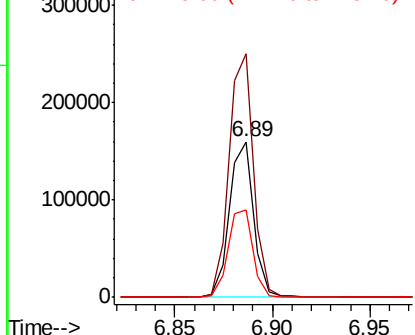
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111957.D
Acq: 9 Jan 2019 18:48

Instrument :
BNA_F
ClientSampleId :
W12-3RE

Tot Ion:152 Resp: 136520
Ion Ratio Lower Upper
152 100
150 156.6 122.7 184.1
115 56.6 45.2 67.8



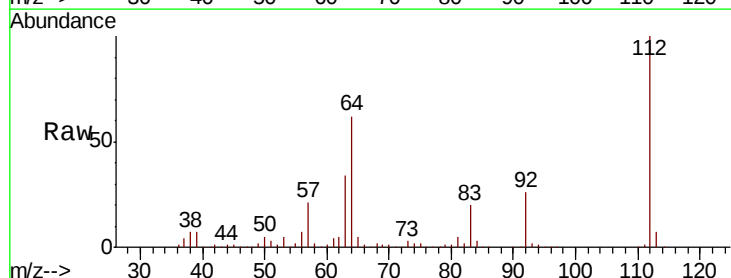
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



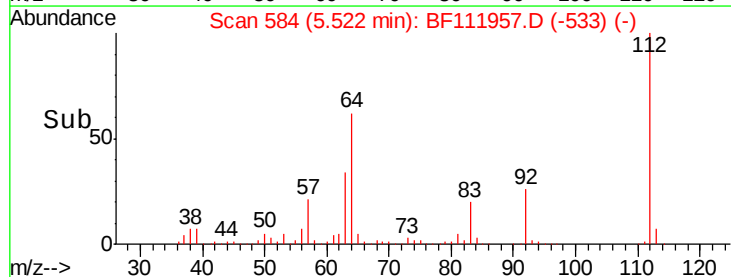
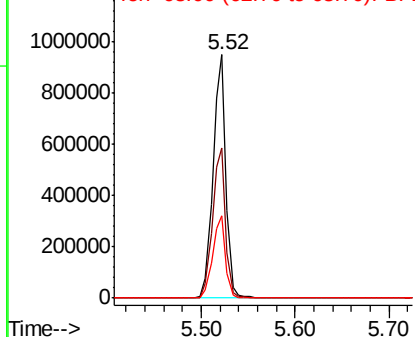
#5

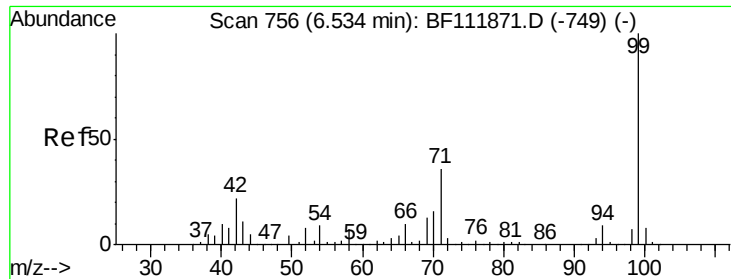
2-Fluorophenol
Concen: 115.430 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF111957.D
Acq: 9 Jan 2019 18:48

Tgt Ion:112 Resp: 921111
Ion Ratio Lower Upper
112 100
64 61.9 48.3 72.5
63 33.8 26.1 39.1



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: 124.929 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111957.D

Acq: 9 Jan 2019 18:48

Instrument :

BNA_F

ClientSampleId :

W12-3RE

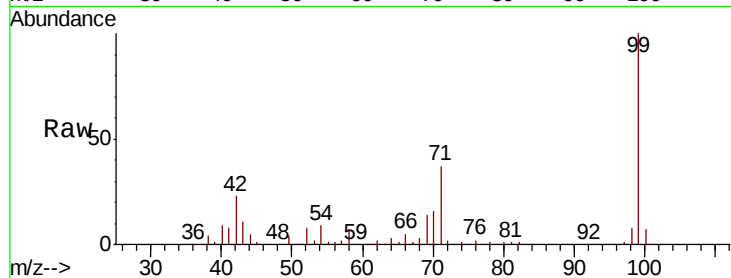
Tot Ion: 99 Resp: 1284896

Ion Ratio Lower Upper

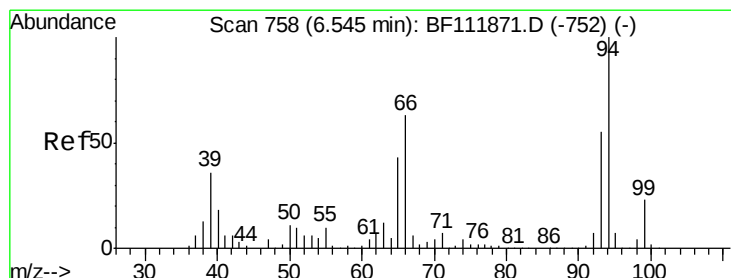
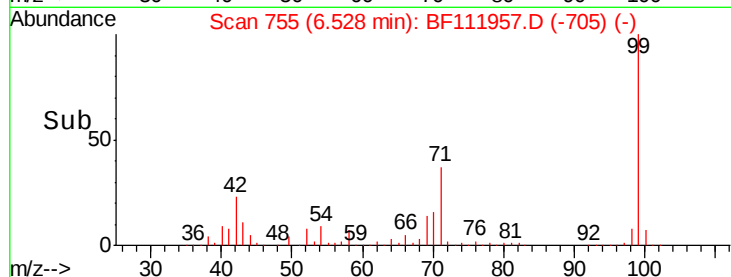
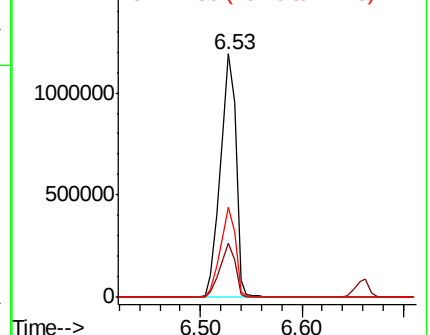
99 100

42 22.5 17.9 26.9

71 37.1 28.7 43.1



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: 3.125 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111957.D

Acq: 9 Jan 2019 18:48

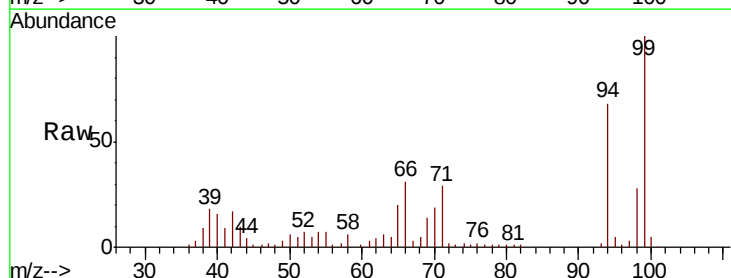
Tgt Ion: 94 Resp: 34930

Ion Ratio Lower Upper

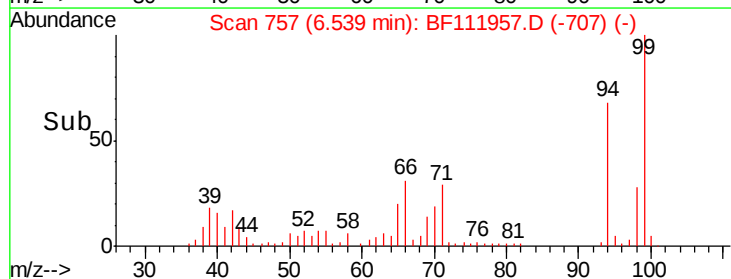
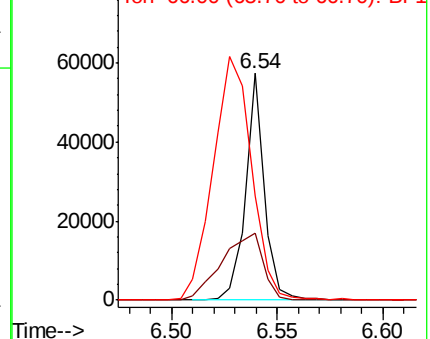
94 100

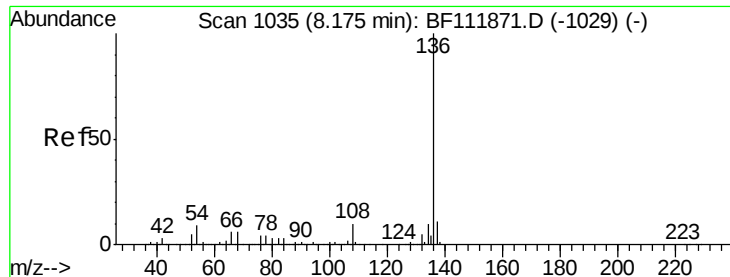
65 29.7 22.8 62.8

66 46.2 43.3 83.3



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: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF111957.D

Acq: 9 Jan 2019 18:48

Instrument :

BNA_F

ClientSampleId :

W12-3RE

Tot Ion:136 Resp: 488289

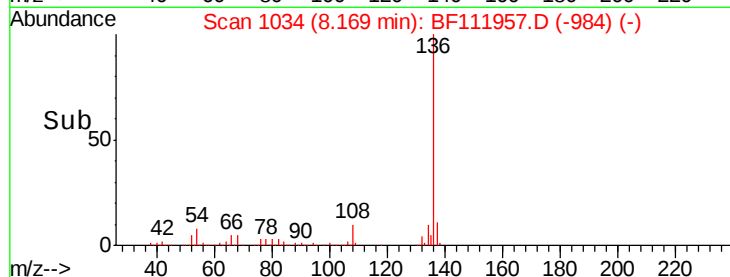
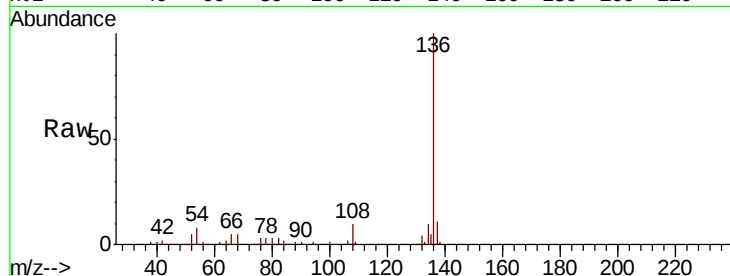
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 8.0 7.2 10.8

68 5.1 4.4 6.6

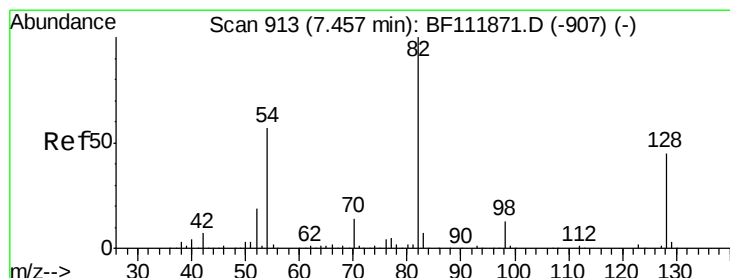
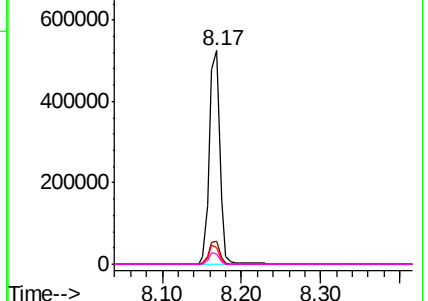


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.314 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF111957.D

Acq: 9 Jan 2019 18:48

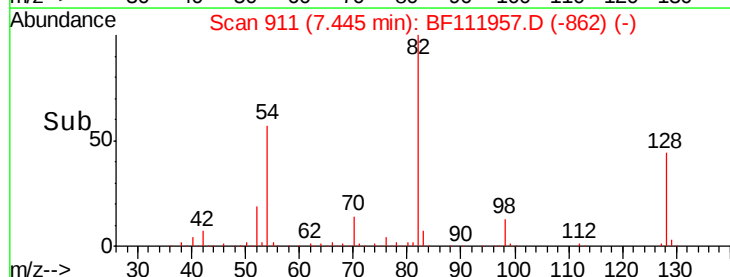
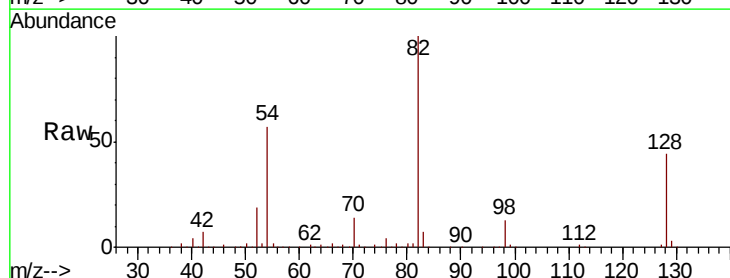
Tgt Ion: 82 Resp: 788586

Ion Ratio Lower Upper

82 100

128 44.2 35.7 53.5

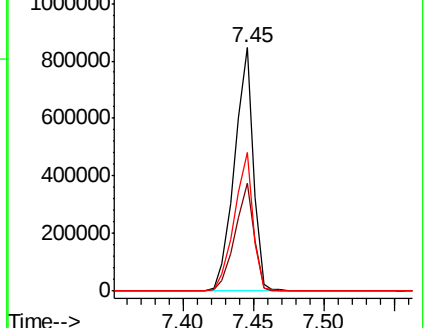
54 56.8 45.8 68.8

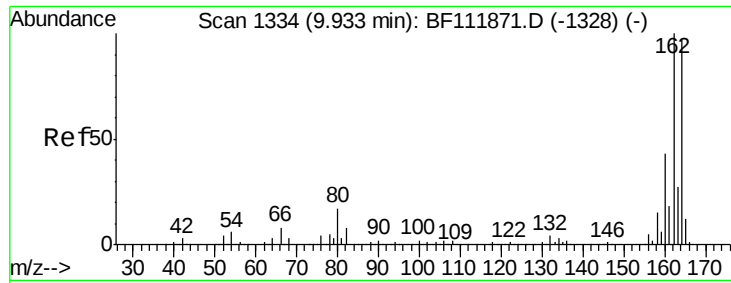


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

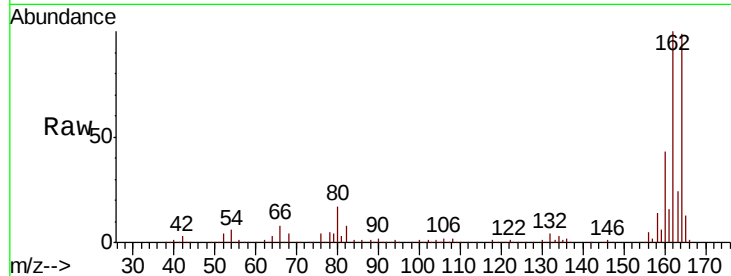




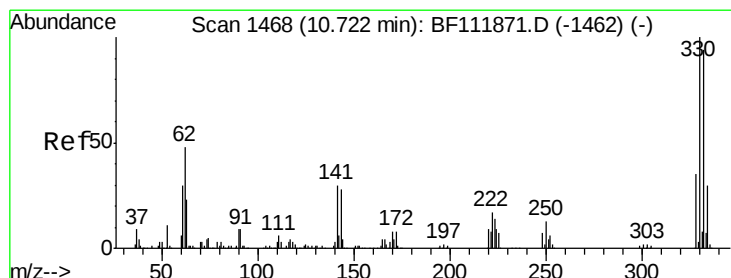
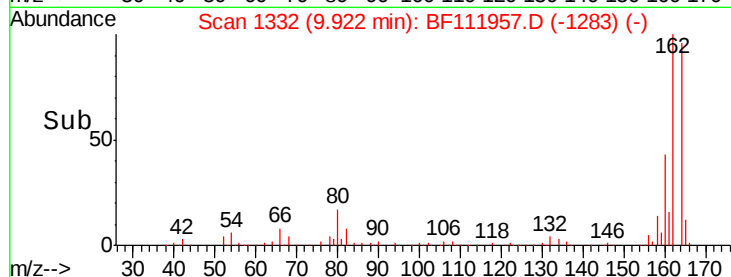
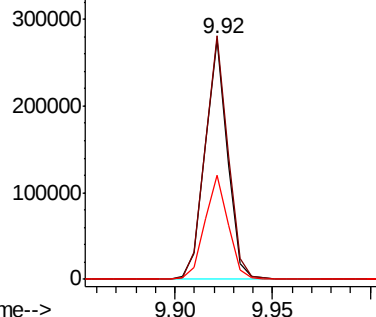
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111957.D
Acq: 9 Jan 2019 18:48

Instrument :
BNA_F
ClientSampleId :
W12-3RE

Tot Ion:164 Resp: 219626
Ion Ratio Lower Upper
164 100
162 101.4 82.2 123.2
160 43.2 35.5 53.3

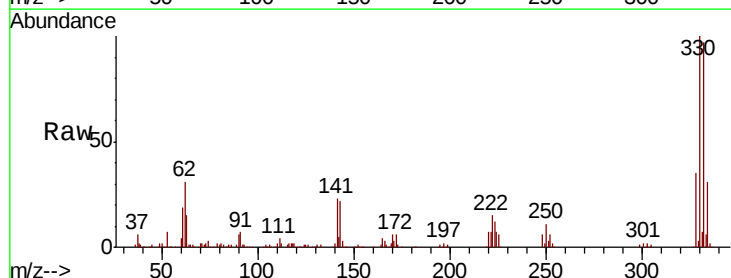


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

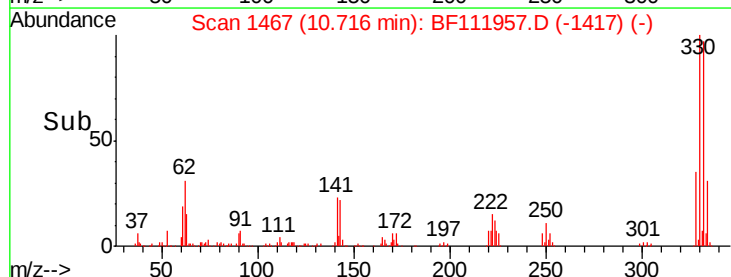
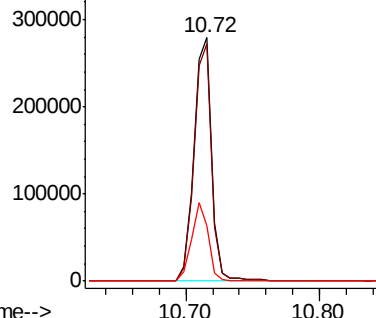


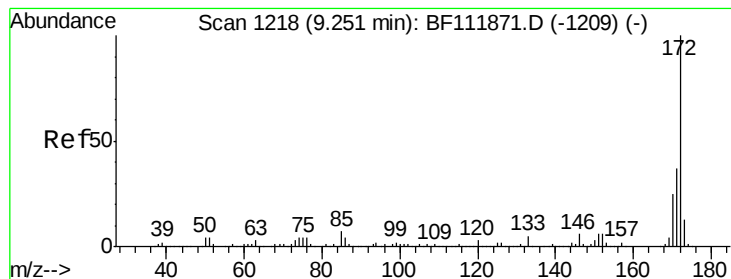
#42
2,4,6-Tribromophenol
Concen: 91.794 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111957.D
Acq: 9 Jan 2019 18:48

Tgt Ion:330 Resp: 262226
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 30.8 23.7 35.5



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: 85.526 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF111957.D

Acq: 9 Jan 2019 18:48

Instrument :

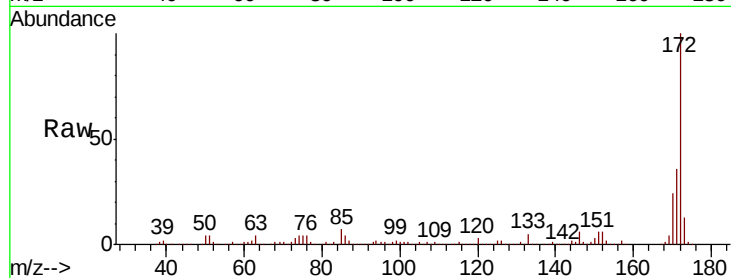
BNA_F

ClientSampleId :

W12-3RE

Tot Ion:172 Resp: 1288139

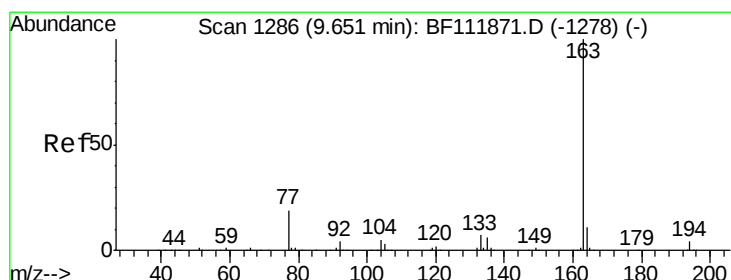
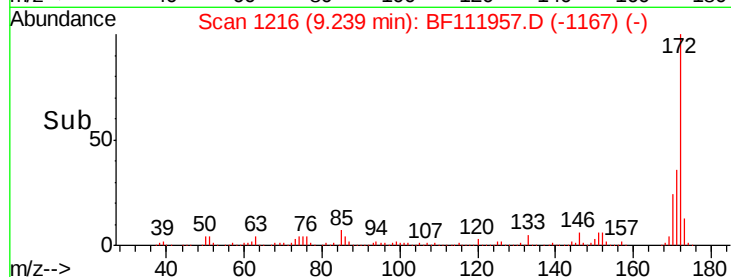
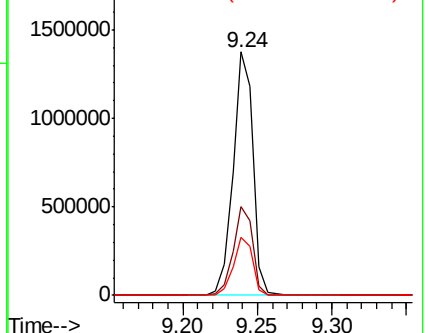
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.9	19.8	29.8



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: 5.238 ng

RT: 9.63 min Scan# 1282

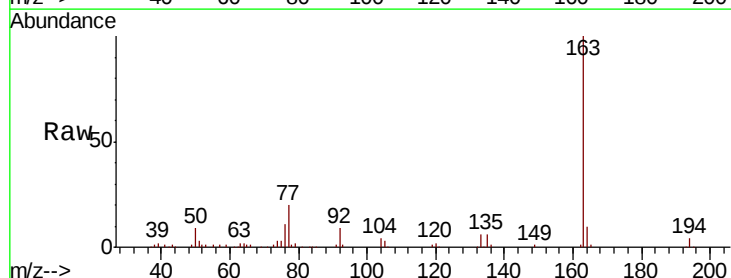
Delta R.T. -0.02 min

Lab File: BF111957.D

Acq: 9 Jan 2019 18:48

Tgt Ion:163 Resp: 86415

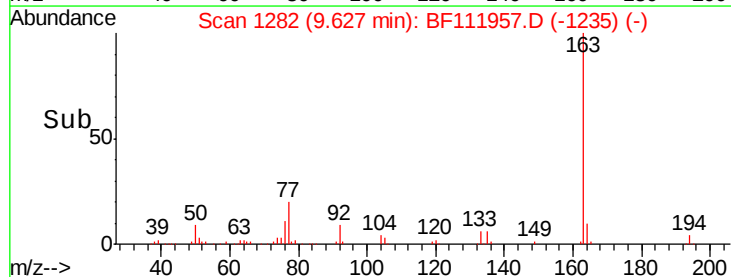
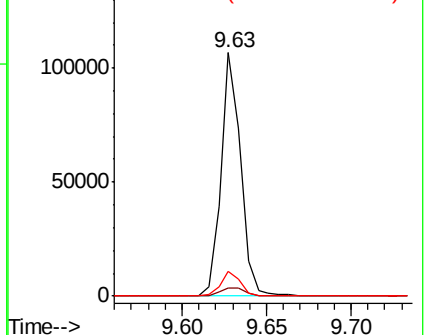
Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.4	5.2
164	9.9	8.5	12.7

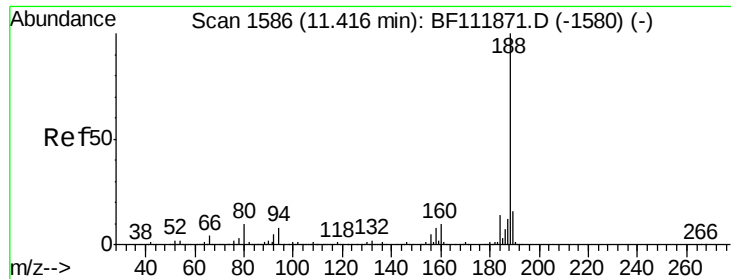


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111957.D

Acq: 9 Jan 2019 18:48

Instrument :

BNA_F

ClientSampleId :

W12-3RE

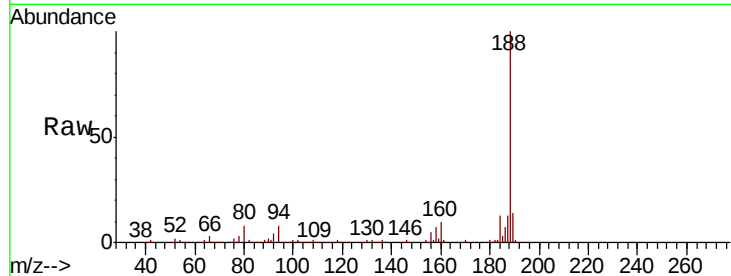
Tot Ion:188 Resp: 356169

Ion Ratio Lower Upper

188 100

94 7.9 6.6 10.0

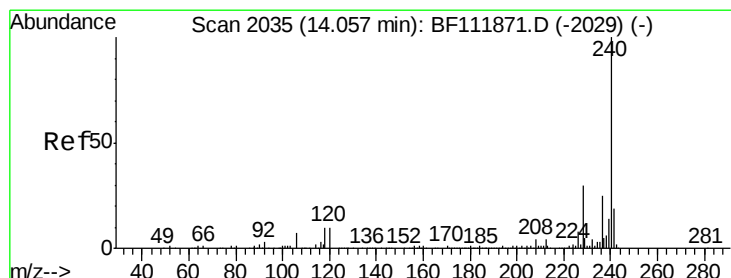
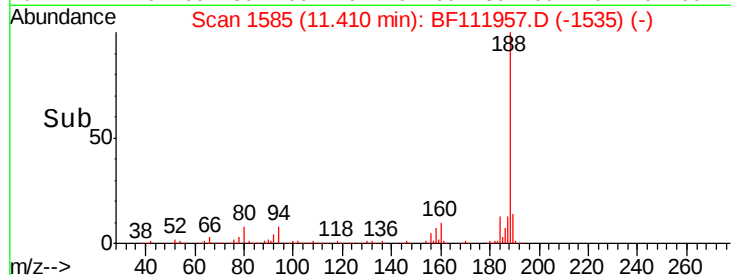
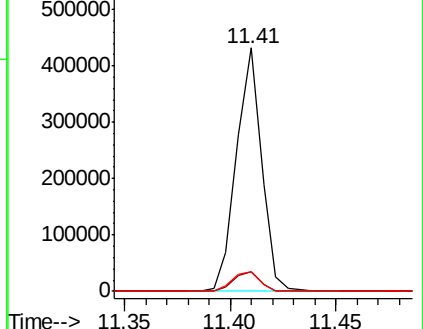
80 8.3 7.7 11.5



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: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF111957.D

Acq: 9 Jan 2019 18:48

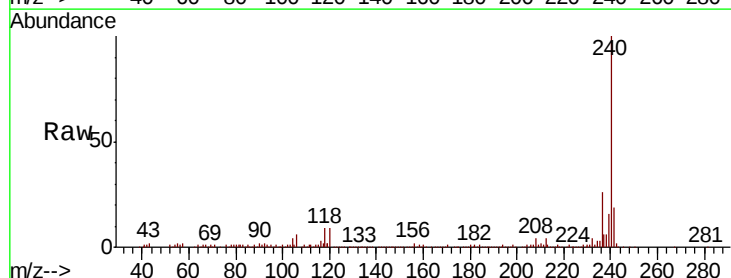
Tgt Ion:240 Resp: 159592

Ion Ratio Lower Upper

240 100

120 8.9 8.2 12.2

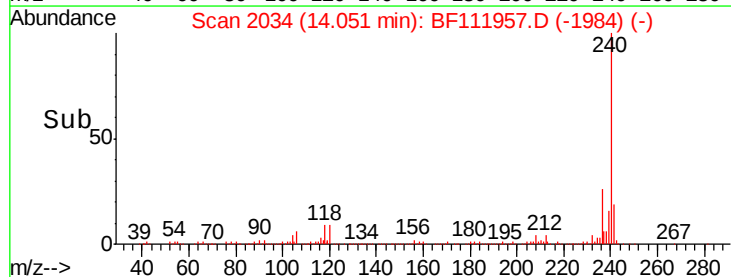
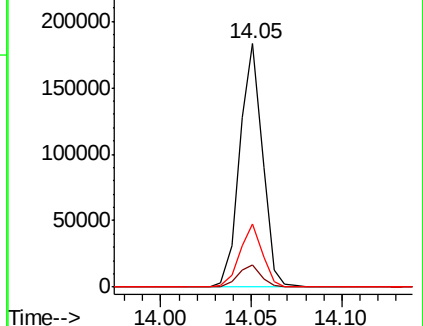
236 25.8 20.2 30.4

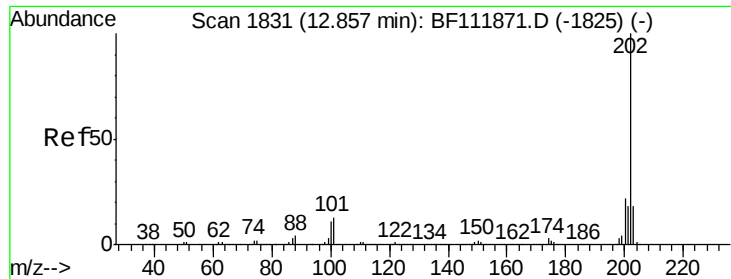


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

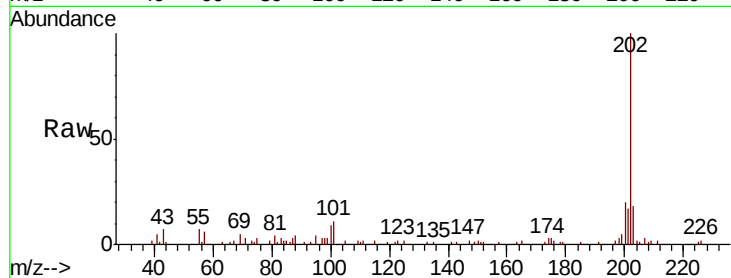




#78
Pvrene
Concen: 2.140 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF111957.D
Acq: 9 Jan 2019 18:48

Instrument :
BNA_F
ClientSampleId :
W12-3RE

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.4	26.2
203	18.4	14.6	21.8

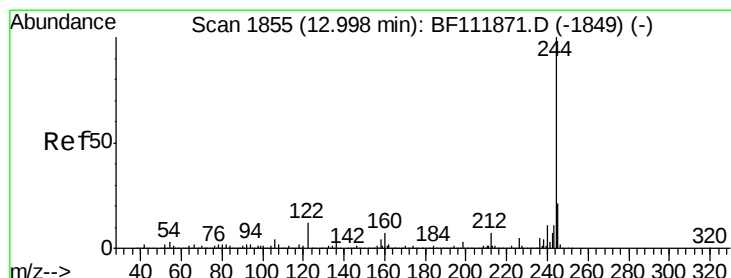
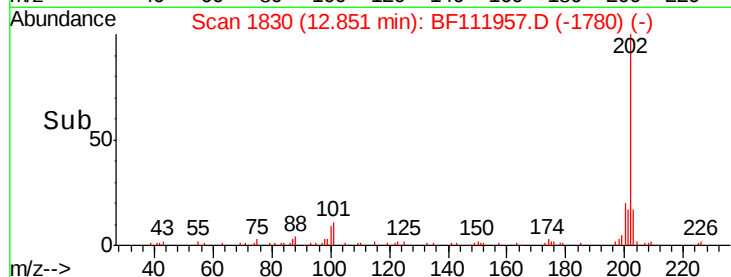
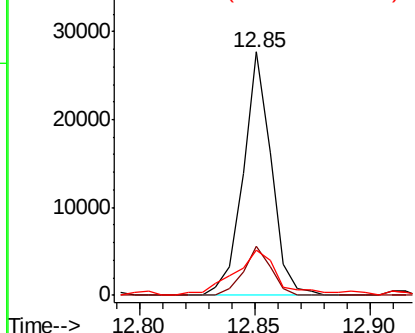


Abundance

Ion 202.00 (201.70 to 202.70): E

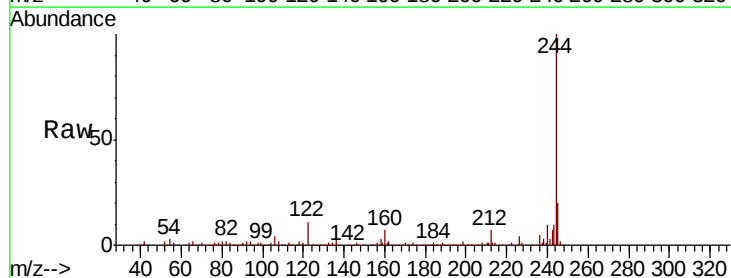
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 112.981 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF111957.D
Acq: 9 Jan 2019 18:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.7	9.5	14.3

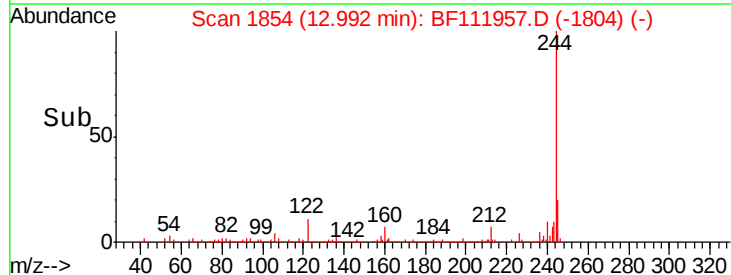
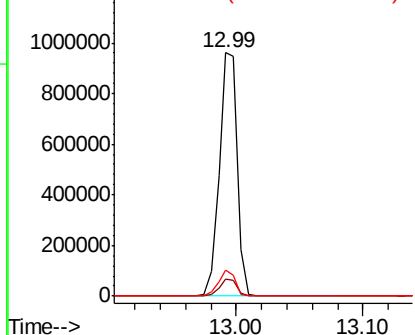


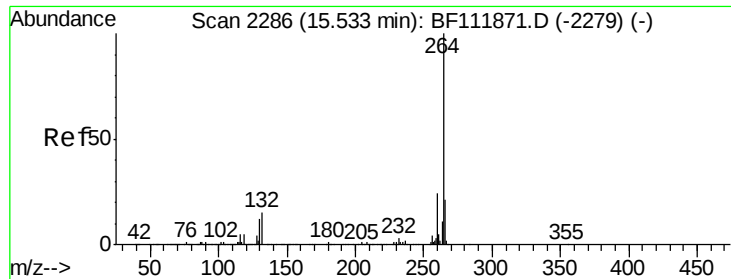
Abundance

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: 15.54 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF111957.D
 Acq: 9 Jan 2019 18:48

Instrument :
 BNA_F
 ClientSampleId :
 W12-3RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.2	28.8
265	22.7	17.1	25.7

