

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
 Data File : BF115021.D
 Acq On : 14 Jun 2019 00:03
 Operator : HP/JU
 Sample : K3345-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-1 061219

Quant Time: Jun 14 05:08:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

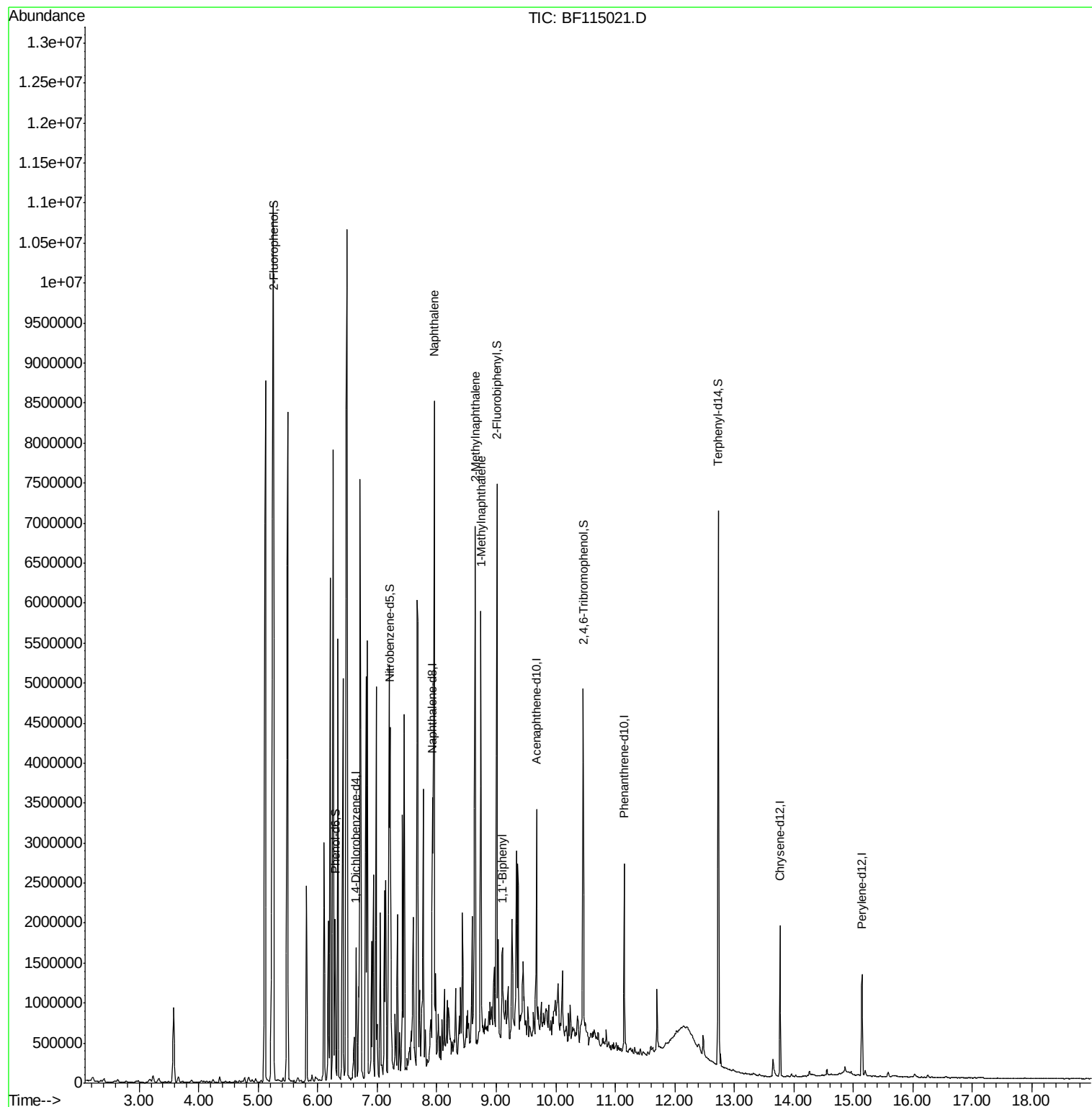
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	264677	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	961020	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	474432	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	892663	20.00	ng	0.00
76) Chrysene-d12	13.77	240	589427	20.00	ng	-0.01
87) Perylene-d12	15.14	264	546122	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	591319	37.30	ng	0.00
7) Phenol-d6	6.29	99	888125	46.45	ng	0.00
23) Nitrobenzene-d5	7.22	82	1367844	85.67	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	622268	122.48	ng	0.00
45) 2-Fluorobiphenyl	9.01	172	2523318	90.14	ng	0.00
79) Terphenyl-d14	12.73	244	2578777	82.29	ng	0.00
Target Compounds						
31) Naphthalene	7.96	128	4161834	91.529	ng	96
37) 2-Methylnaphthalene	8.65	142	1976157	65.161	ng	99
38) 1-Methylnaphthalene	8.74	142	1641623	57.272	ng	99
46) 1,1'-Biphenyl	9.10	154	239432	6.298	ng	95

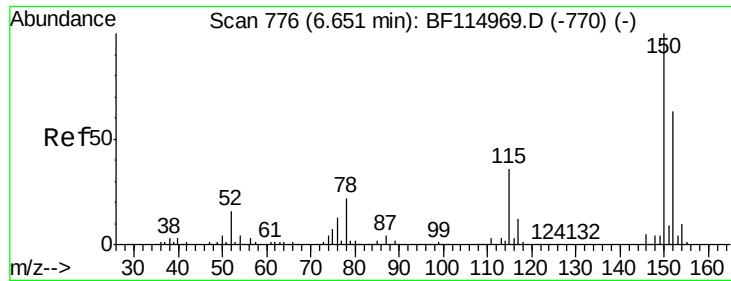
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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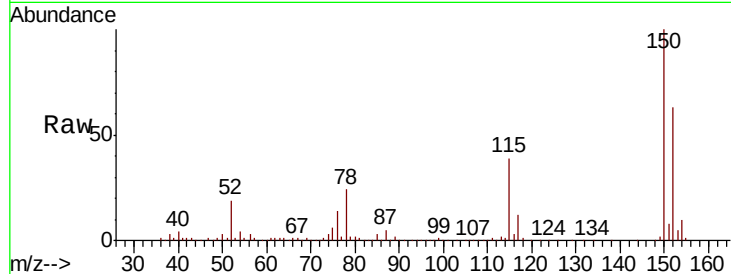


#1

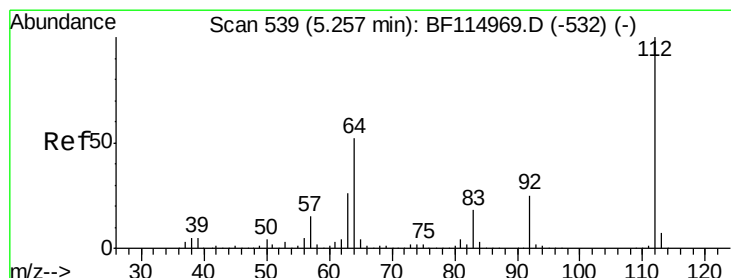
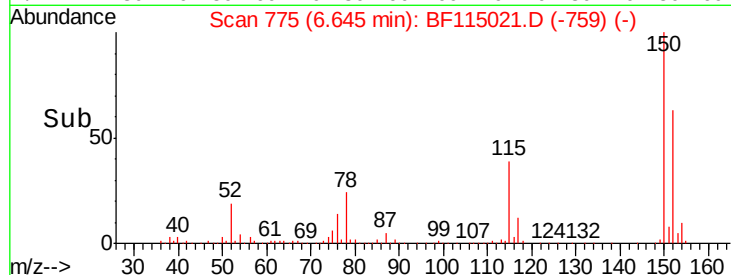
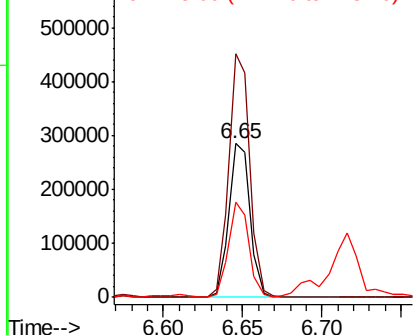
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115021.D
Acq: 14 Jun 2019 00:03

Instrument :
BNA_F
ClientSampleId :
PR-MW-1_061219

Tot Ion:152 Resp: 264677
Ion Ratio Lower Upper
152 100
150 158.5 127.4 191.0
115 61.7 46.0 69.0



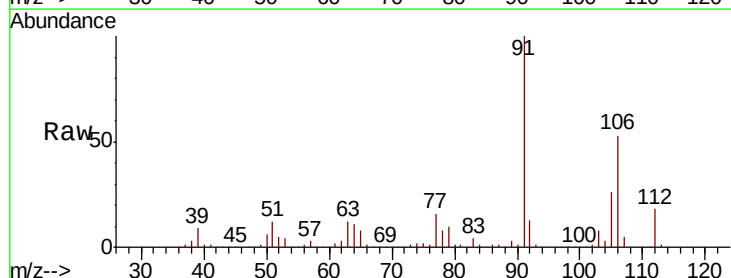
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



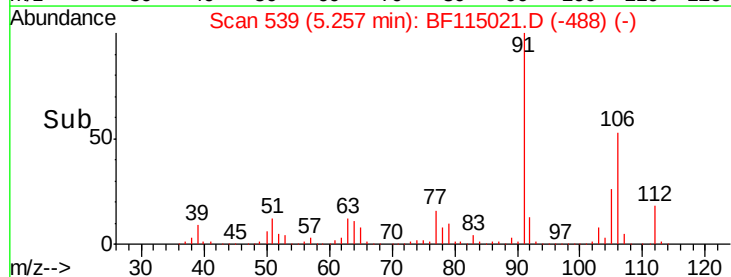
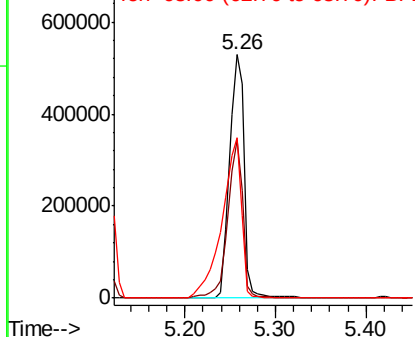
#5

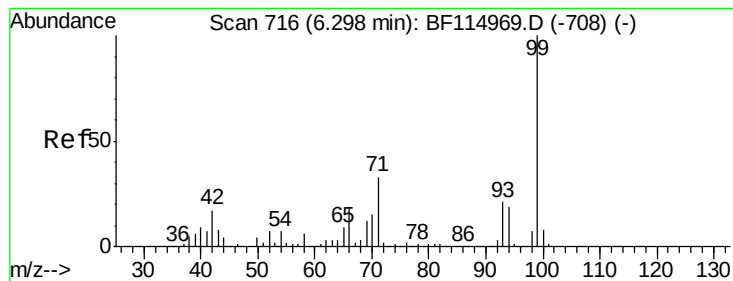
2-Fluorophenol
Concen: 37.305 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF115021.D
Acq: 14 Jun 2019 00:03

Tgt Ion:112 Resp: 591319
Ion Ratio Lower Upper
112 100
64 64.8 41.6 62.4#
63 66.0 20.9 31.3#



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: 46.448 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF115021.D

Acq: 14 Jun 2019 00:03

Instrument :

BNA_F

ClientSampleId :

PR-MW-1 061219

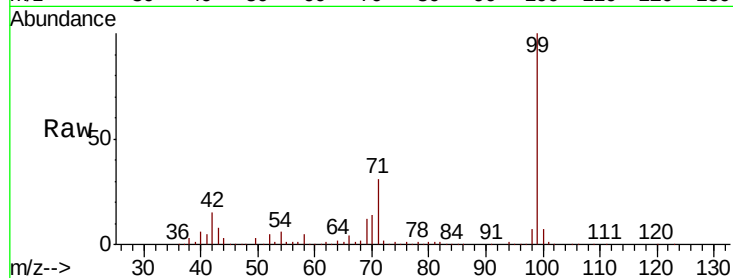
Tot Ion: 99 Resp: 888125

Ion Ratio Lower Upper

99 100

42 15.4 13.4 20.2

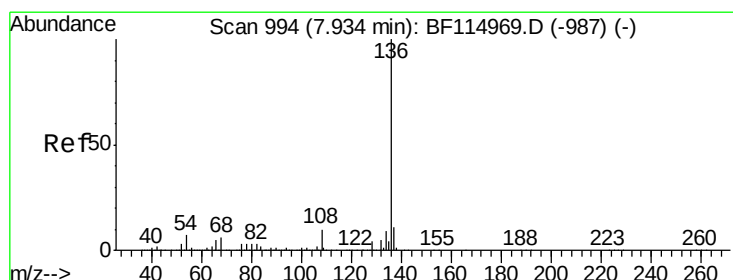
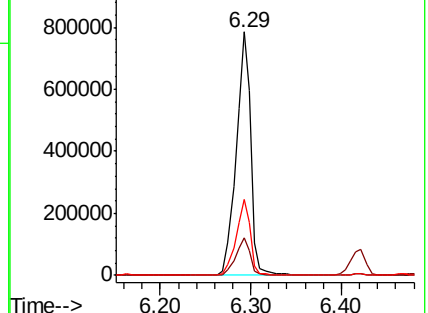
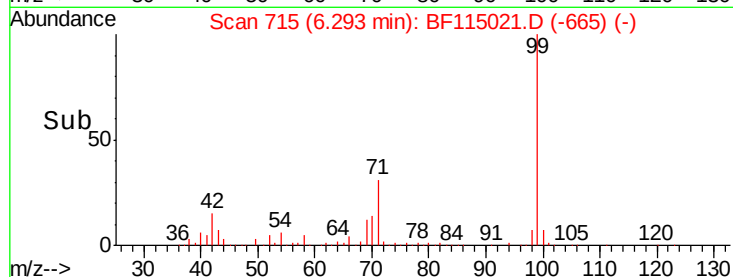
71 31.4 26.4 39.6



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF115021.D

Acq: 14 Jun 2019 00:03

Tgt Ion: 136 Resp: 961020

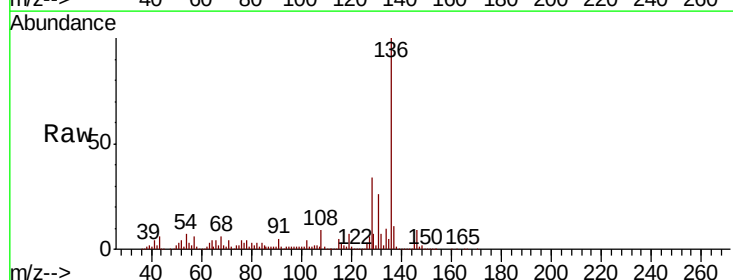
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.5 5.4 8.0

68 5.6 4.6 7.0

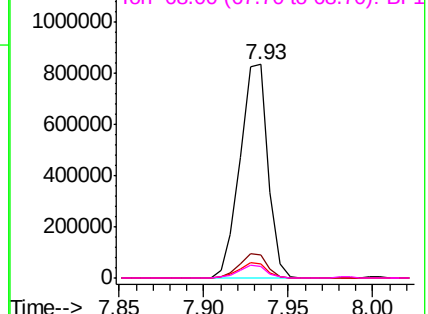
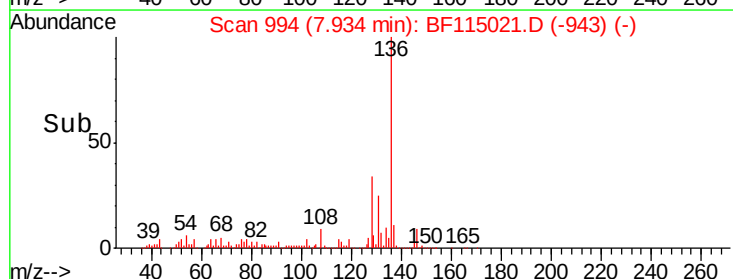


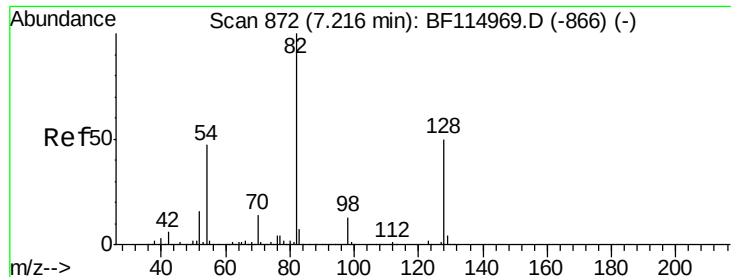
Abundance Ion 136.00 (135.70 to 136.70): E

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



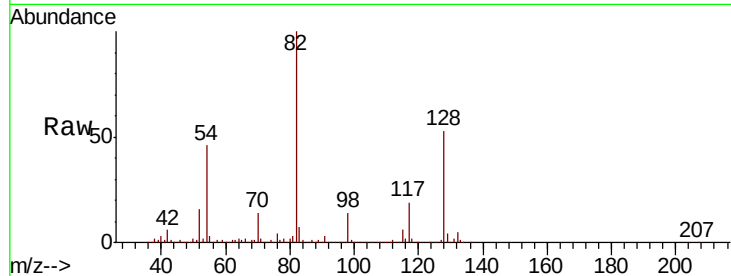


#23
 Nitrobenzene-d5
 Concen: 85.673 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BF115021.D
 Acq: 14 Jun 2019 00:03

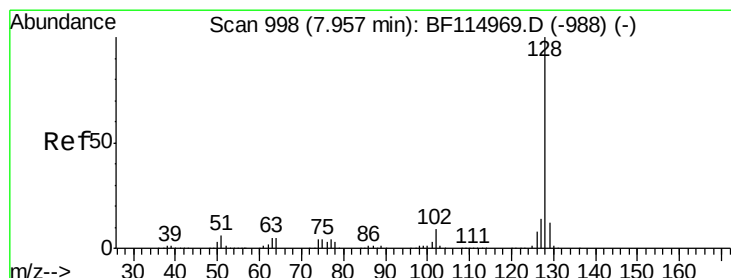
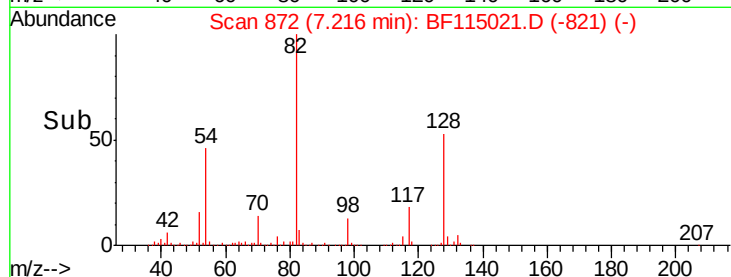
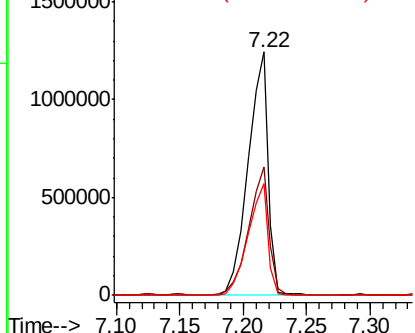
Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-1_061219

Tot Ion: 82 Resp: 1367844

Ion	Ratio	Lower	Upper
82	100		
128	52.5	39.9	59.9
54	45.8	37.3	55.9



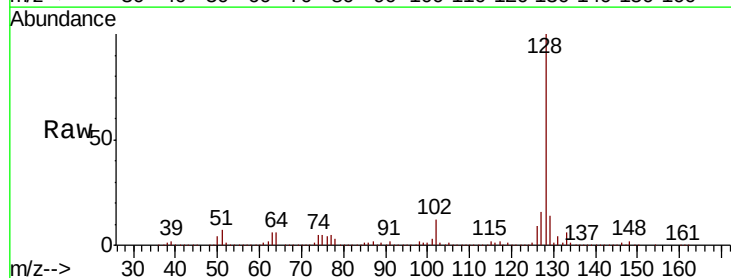
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



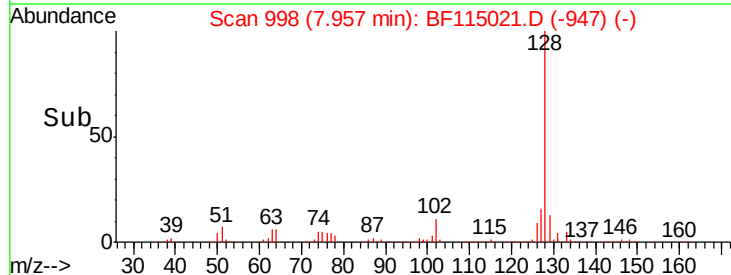
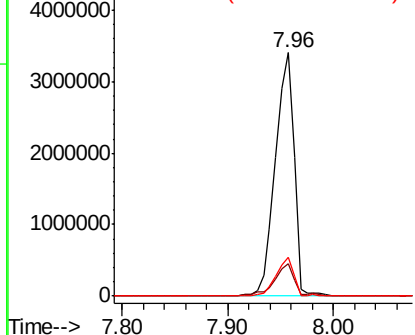
#31
 Naphthalene
 Concen: 91.529 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BF115021.D
 Acq: 14 Jun 2019 00:03

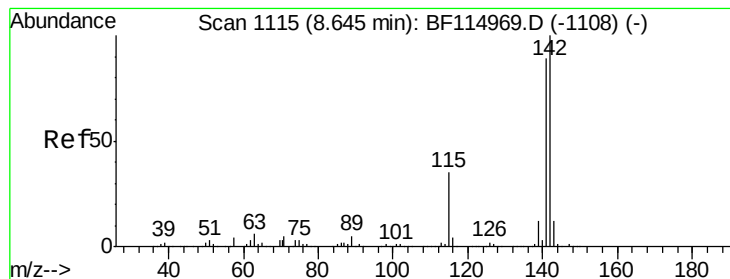
Tgt Ion:128 Resp: 4161834

Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.5	14.3
127	16.1	11.5	17.3



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 65.161 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF115021.D

Acq: 14 Jun 2019 00:03

Instrument :

BNA_F

ClientSampleId :

PR-MW-1 061219

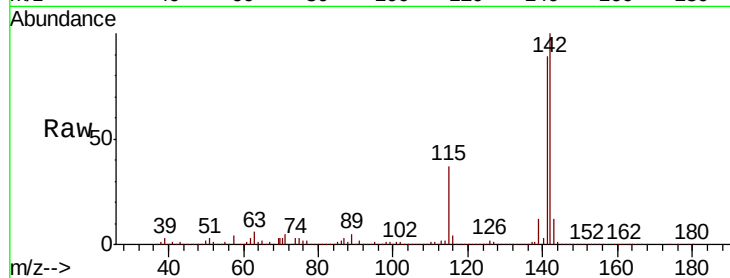
Tot Ion:142 Resp: 1976157

Ion Ratio Lower Upper

142 100

141 89.3 71.0 106.6

115 36.8 27.9 41.9

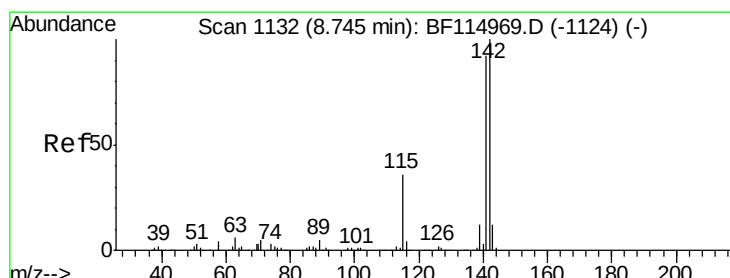
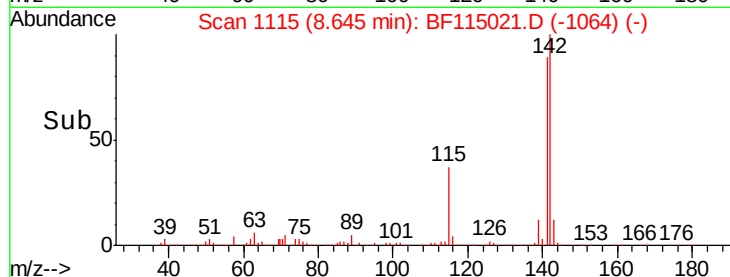
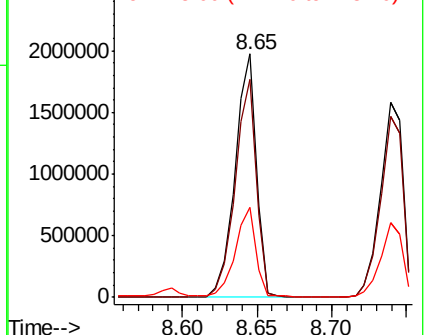


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 57.272 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF115021.D

Acq: 14 Jun 2019 00:03

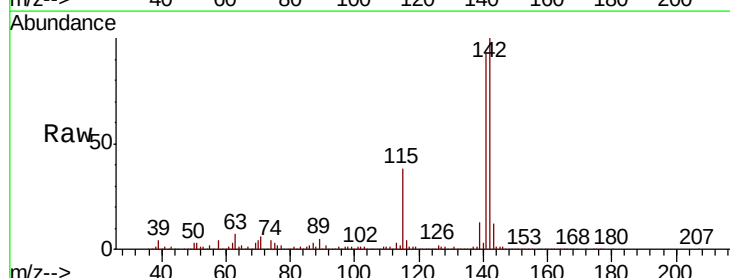
Tgt Ion:142 Resp: 1641623

Ion Ratio Lower Upper

142 100

141 92.8 73.8 110.8

116 4.2 2.9 4.3

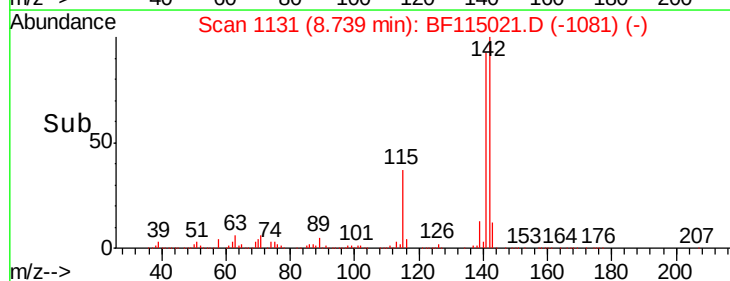
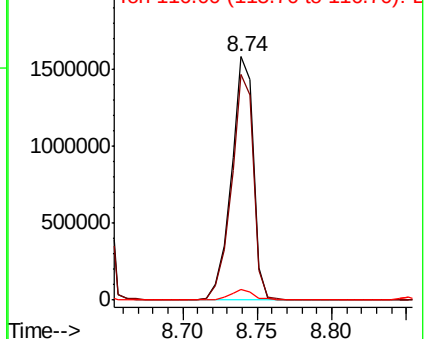


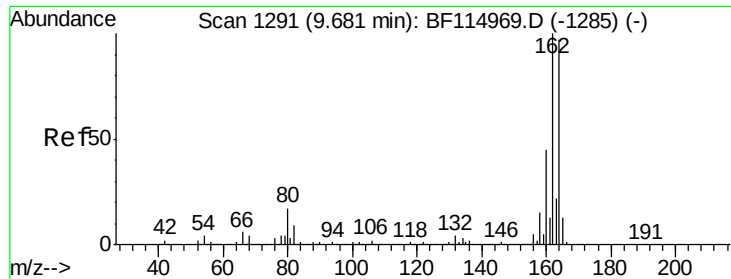
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

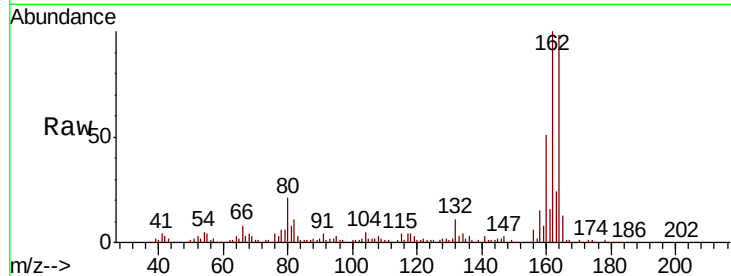




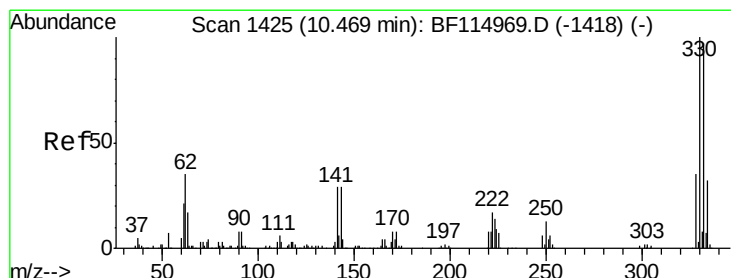
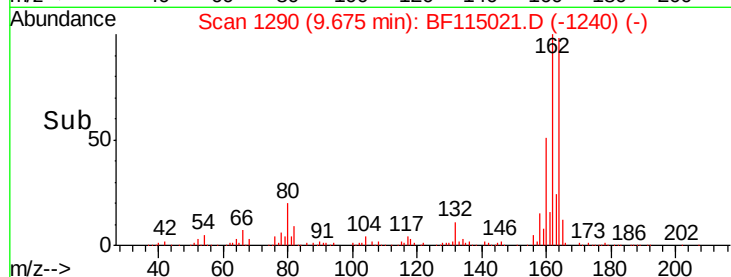
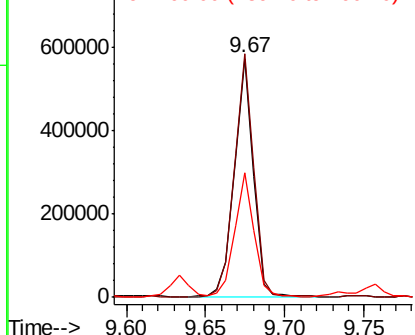
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF115021.D
Acq: 14 Jun 2019 00:03

Instrument :
BNA_F
ClientSampleId :
PR-MW-1 061219

Tot Ion:164 Resp: 474432
Ion Ratio Lower Upper
164 100
162 101.9 82.6 124.0
160 51.9 36.9 55.3

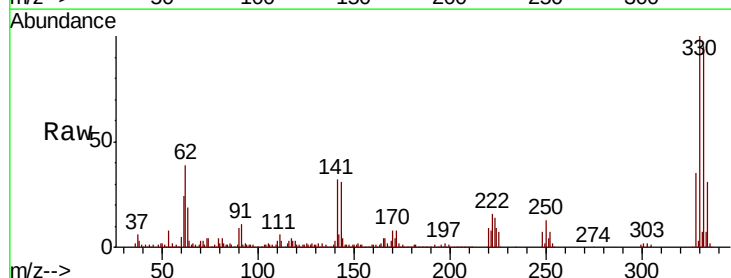


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

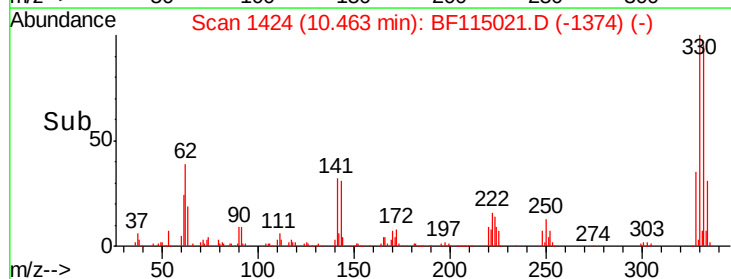
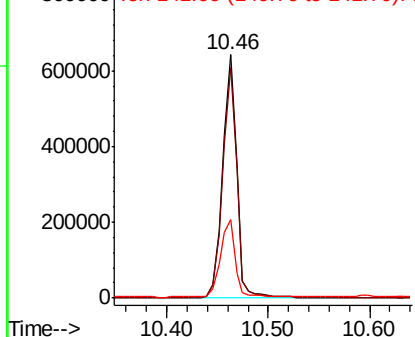


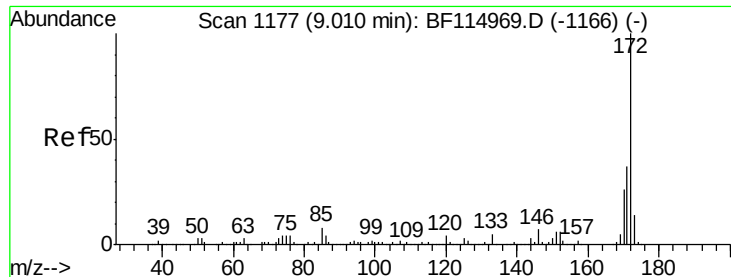
#42
2,4,6-Tribromophenol
Concen: 122.481 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF115021.D
Acq: 14 Jun 2019 00:03

Tgt Ion:330 Resp: 622268
Ion Ratio Lower Upper
330 100
332 95.4 77.6 116.4
141 32.9 27.2 40.8



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

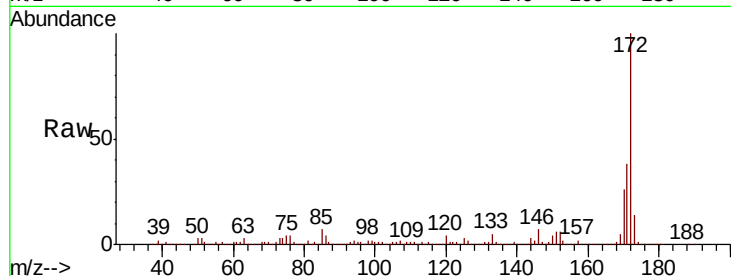




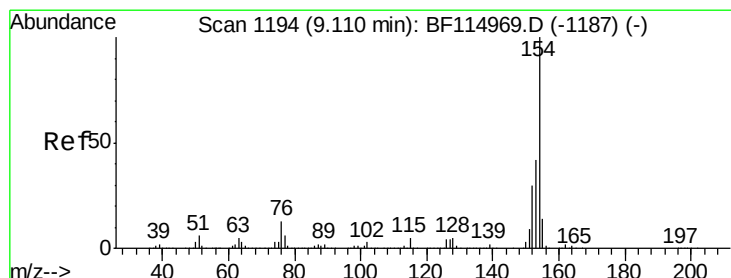
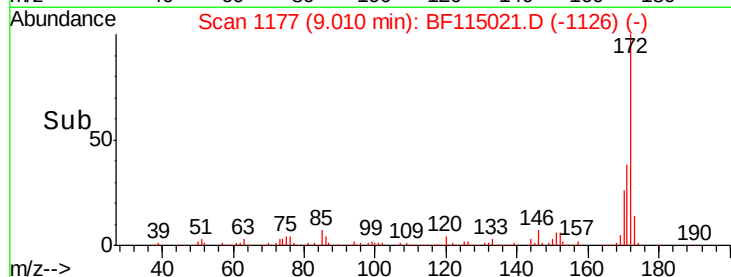
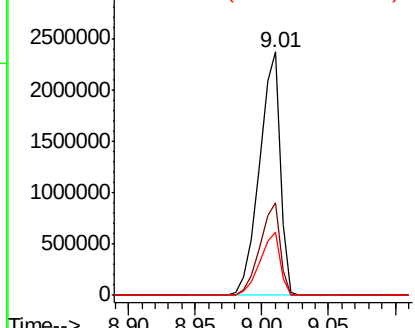
#45
2-Fluorobiphenyl
Concen: 90.142 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF115021.D
Acq: 14 Jun 2019 00:03

Instrument :
BNA_F
ClientSampleId :
PR-MW-1 061219

Tot Ion:172 Resp: 2523318
Ion Ratio Lower Upper
172 100
171 38.0 29.8 44.6
170 25.9 20.6 31.0

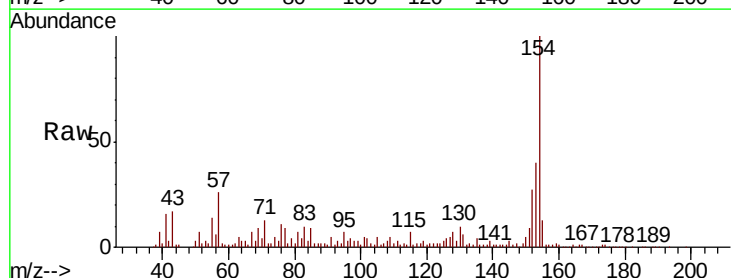


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

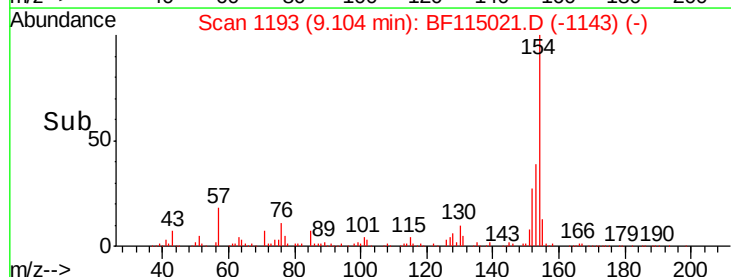
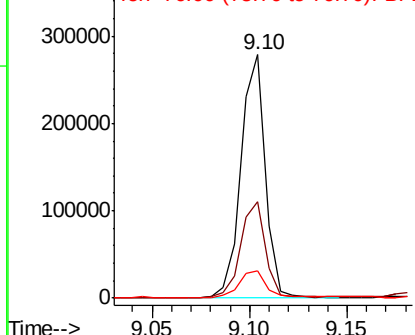


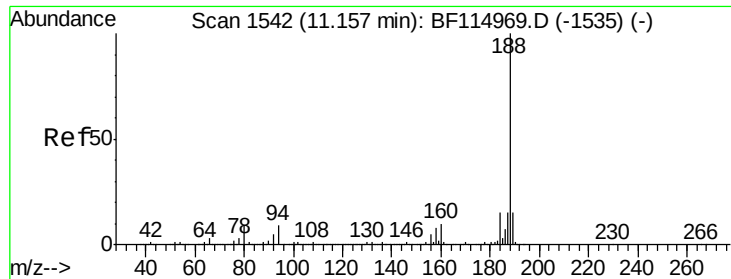
#46
1,1'-Biphenyl
Concen: 6.298 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF115021.D
Acq: 14 Jun 2019 00:03

Tgt Ion:154 Resp: 239432
Ion Ratio Lower Upper
154 100
153 39.5 22.4 62.4
76 11.3 0.0 33.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BF115021.D

Acq: 14 Jun 2019 00:03

Instrument :

BNA_F

ClientSampleId :

PR-MW-1 061219

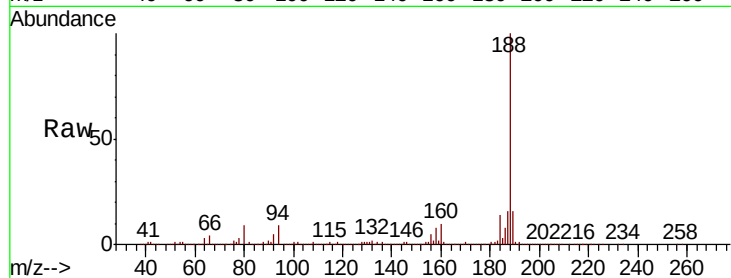
Tot Ion:188 Resp: 892663

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

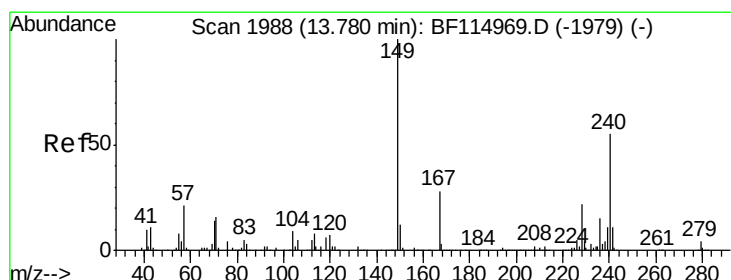
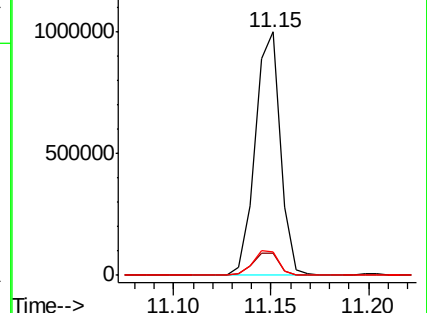
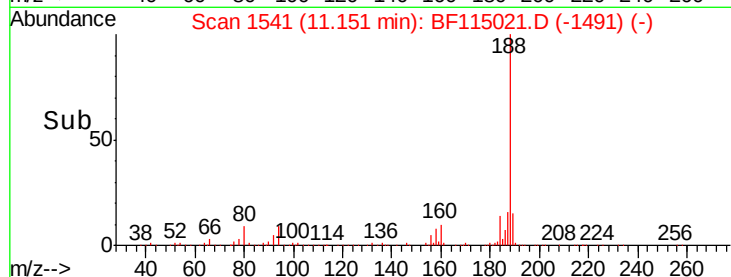
80 9.4 7.4 11.2



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: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF115021.D

Acq: 14 Jun 2019 00:03

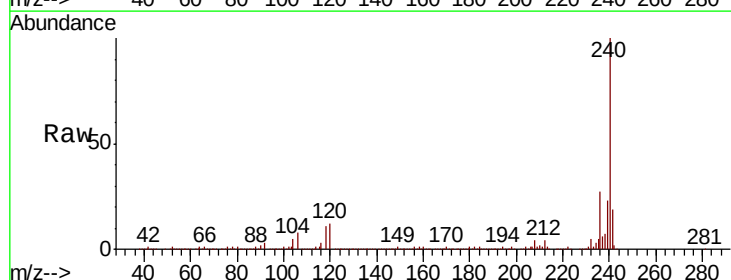
Tgt Ion:240 Resp: 589427

Ion Ratio Lower Upper

240 100

120 12.0 10.0 15.0

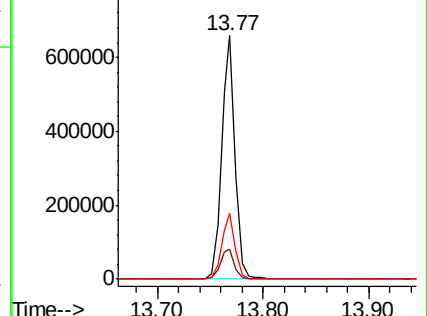
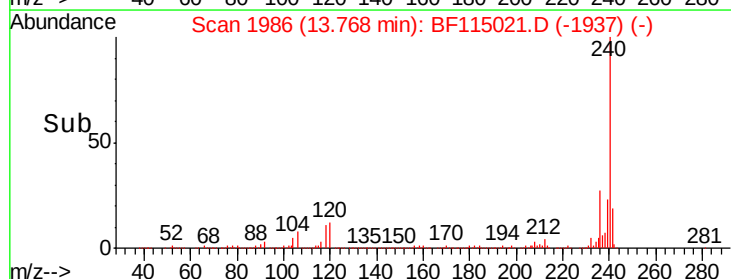
236 27.2 21.6 32.4

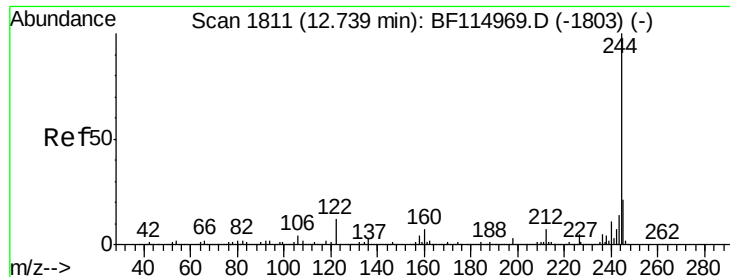


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

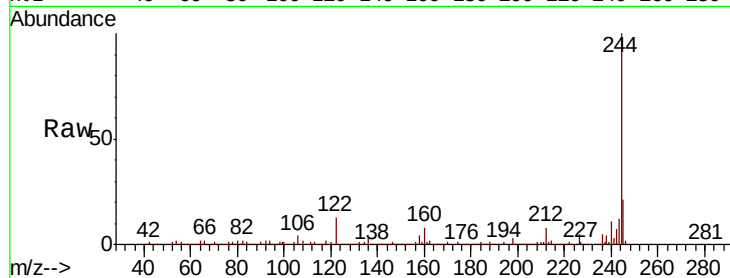




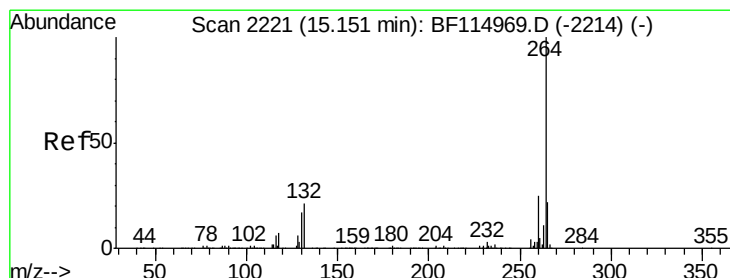
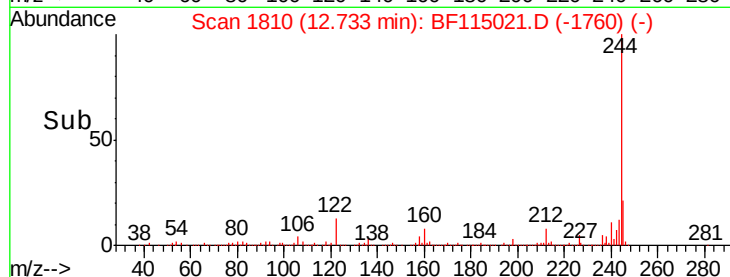
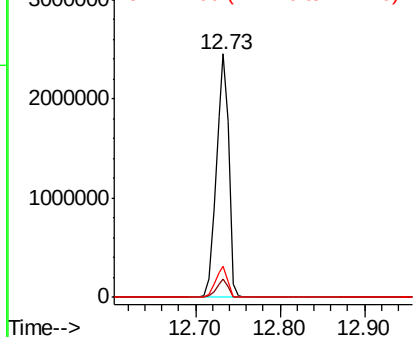
#79
 Terphenyl-d14
 Concen: 82.289 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF115021.D
 Acq: 14 Jun 2019 00:03

Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-1_061219

Tot Ion:244 Resp: 2578777
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 12.7 9.4 14.0

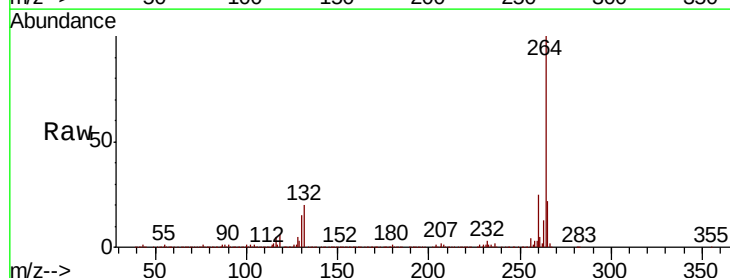


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.14 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BF115021.D
 Acq: 14 Jun 2019 00:03

Tgt Ion:264 Resp: 546122
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.9 29.9
 265 21.8 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

