

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF061319\
 Data File : BF115018.D
 Acq On : 13 Jun 2019 22:43
 Operator : HP/JU
 Sample : K3345-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-2_061219

Quant Time: Jun 14 05:06:36 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

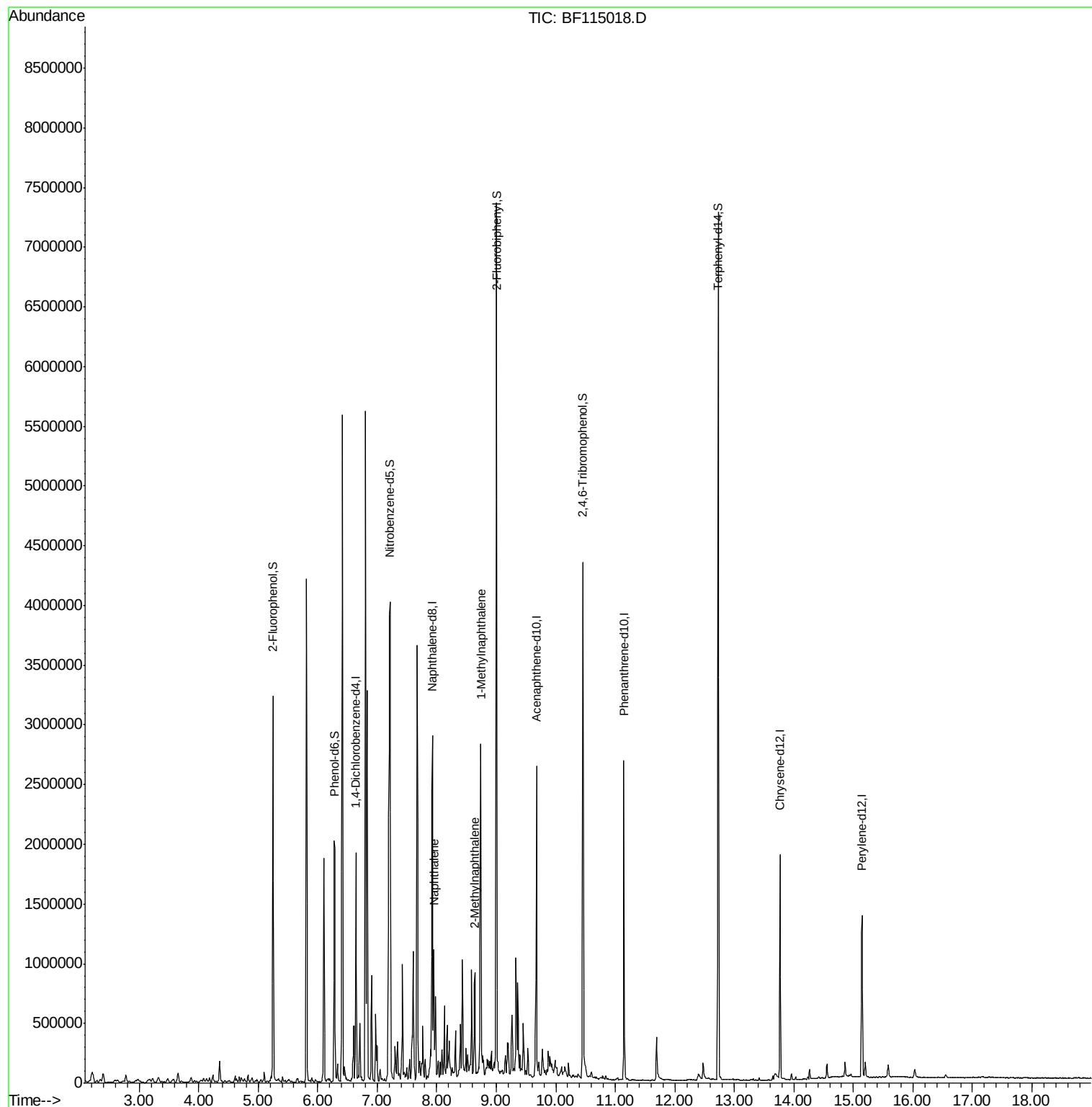
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	275661	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1015232	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	511812	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	934550	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	615934	20.00	ng	-0.01
87) Perylene-d12	15.14	264	575413	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	935703	56.68	ng	0.00
7) Phenol-d6	6.28	99	752225	37.77	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1461947	86.68	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	638384	116.48	ng	0.00
45) 2-Fluorobiphenyl	9.00	172	2673834	88.54	ng	0.00
79) Terphenyl-d14	12.73	244	2667639	81.46	ng	0.00
Target Compounds						
31) Naphthalene	7.95	128	310725	6.469	ng	98
37) 2-Methylnaphthalene	8.64	142	244177	7.621	ng	98
38) 1-Methylnaphthalene	8.74	142	793098	26.192	ng	99

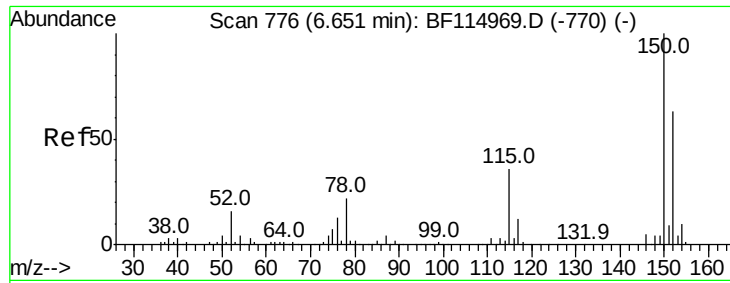
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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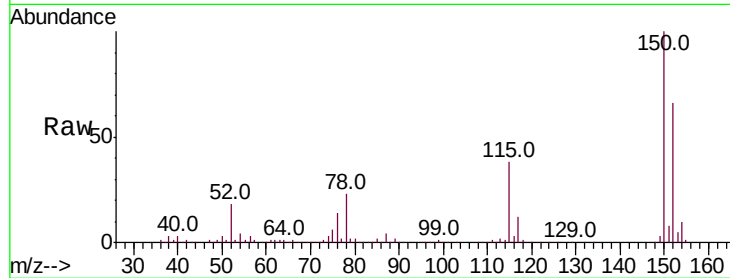


#1

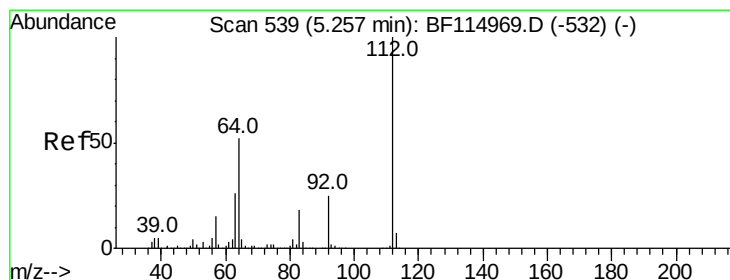
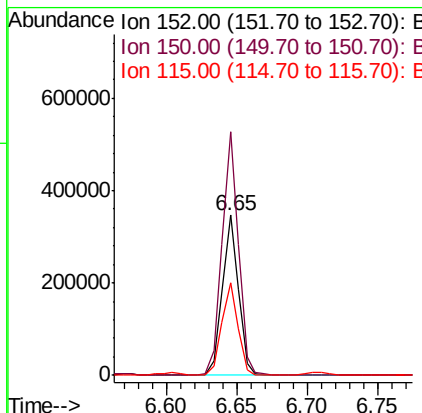
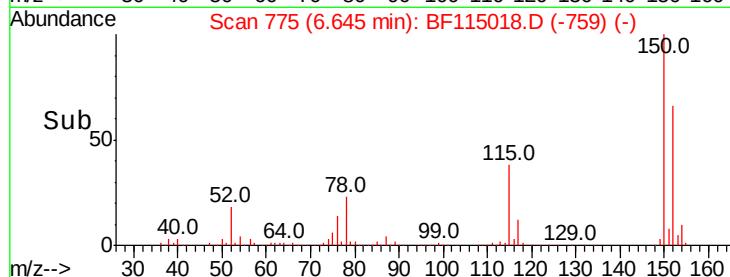
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF115018.D
 Acq: 13 Jun 2019 22:43

Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-2_061219

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	127.4	191.0
115	57.7	46.0	69.0



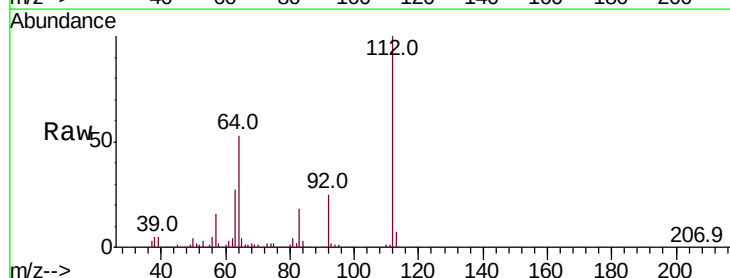
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



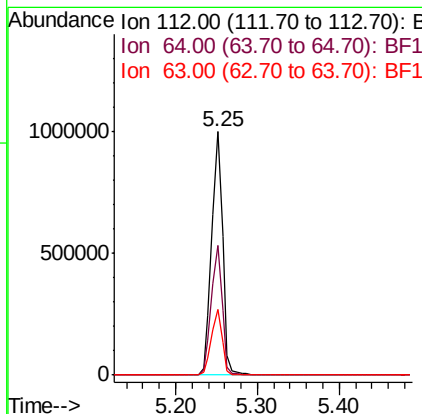
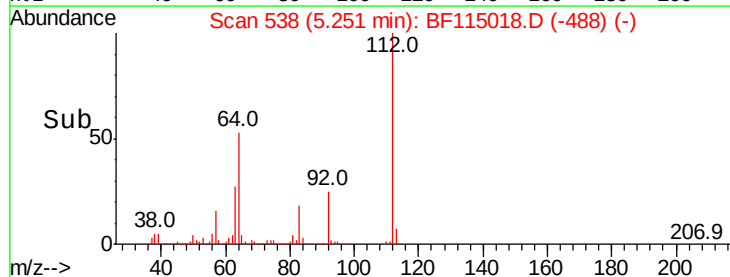
#5

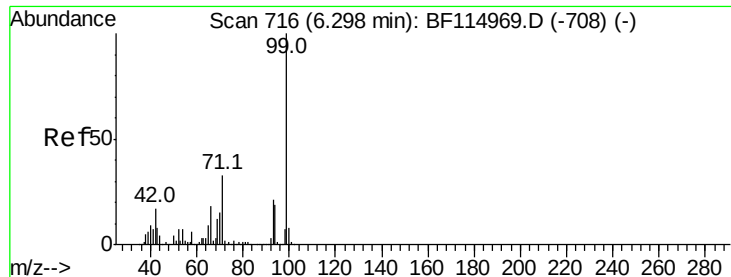
2-Fluorophenol
 Concen: 56.679 ng
 RT: 5.25 min Scan# 538
 Delta R.T. -0.01 min
 Lab File: BF115018.D
 Acq: 13 Jun 2019 22:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	41.6	62.4
63	27.2	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: 37.773 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF115018.D

Acq: 13 Jun 2019 22:43

Instrument :

BNA_F

ClientSampleId :

PR-MW-2_061219

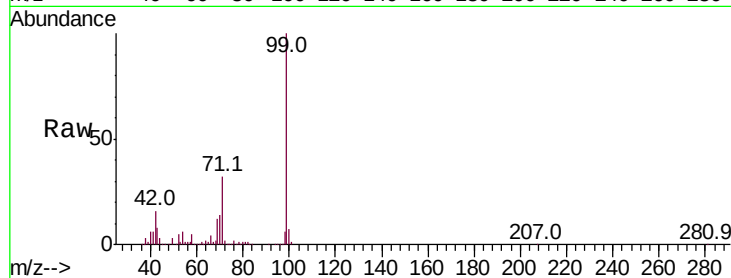
Tot Ion: 99 Resp: 752225

Ion Ratio Lower Upper

99 100

42 16.5 13.4 20.2

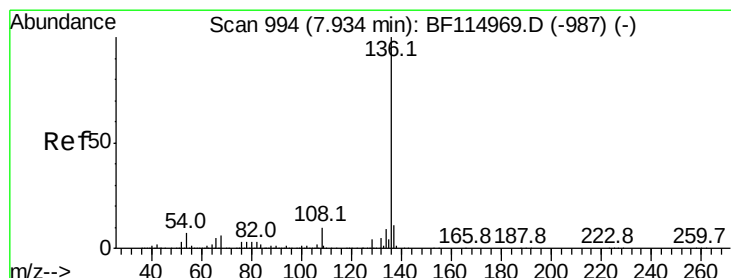
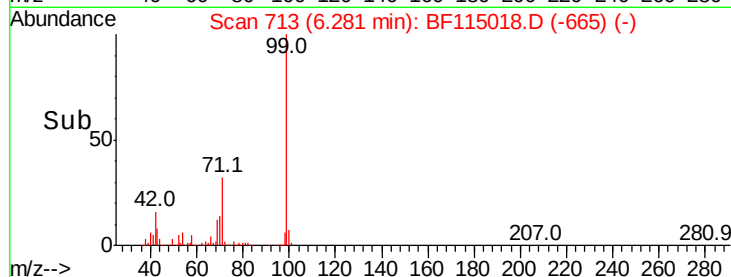
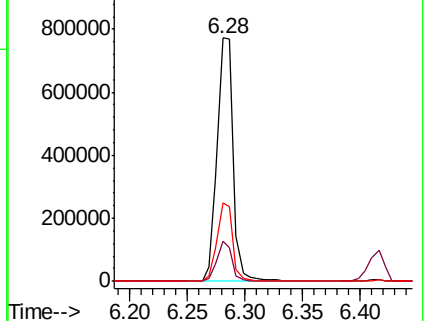
71 32.2 26.4 39.6



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# 993

Delta R.T. -0.01 min

Lab File: BF115018.D

Acq: 13 Jun 2019 22:43

Tgt Ion: 136 Resp: 1015232

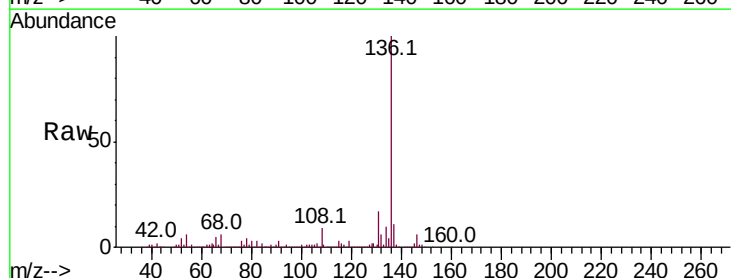
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 6.2 5.4 8.0

68 5.7 4.6 7.0

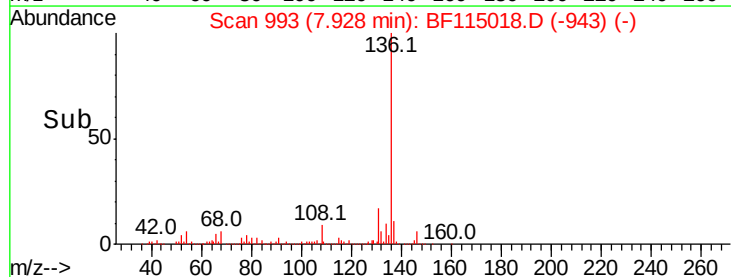
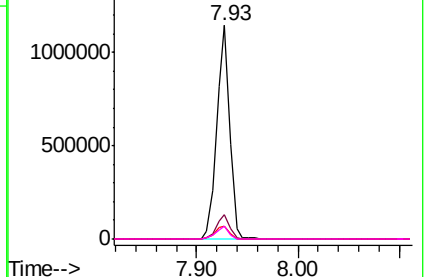


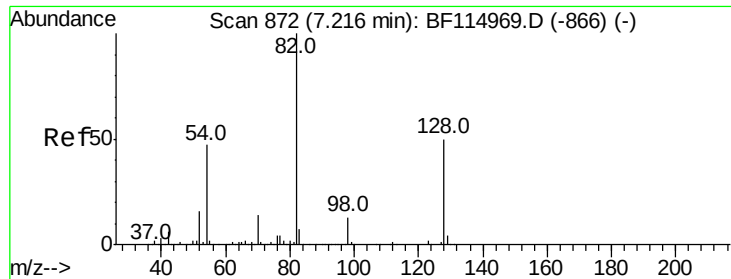
Abundance Ion 136.00 (135.70 to 136.70): E

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

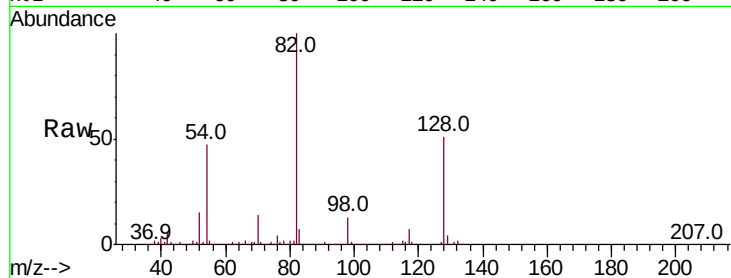




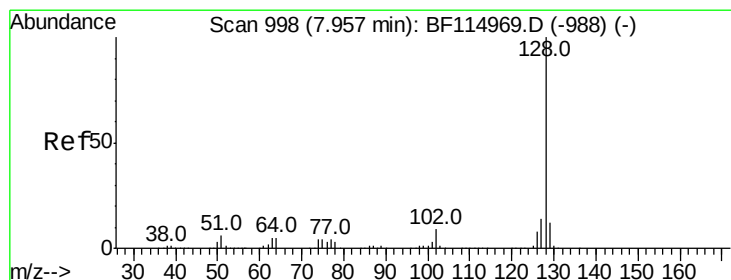
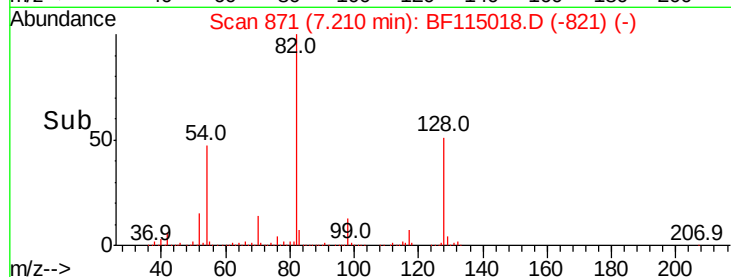
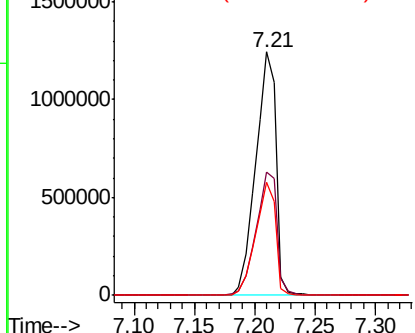
#23
 Nitrobenzene-d5
 Concen: 86.677 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BF115018.D
 Acq: 13 Jun 2019 22:43

Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-2_061219

Tot Ion: 82 Resp: 1461947
 Ion Ratio Lower Upper
 82 100
 128 50.9 39.9 59.9
 54 46.5 37.3 55.9

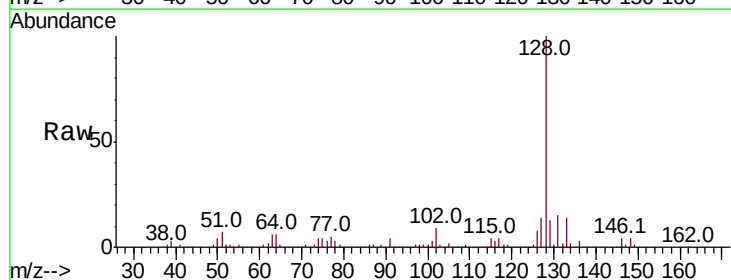


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

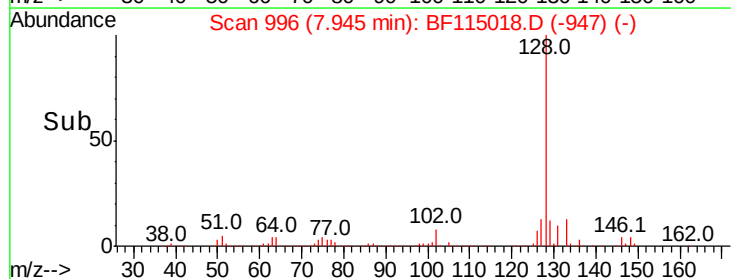
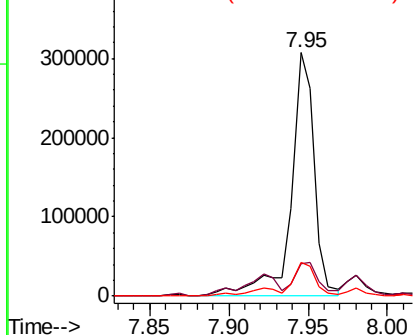


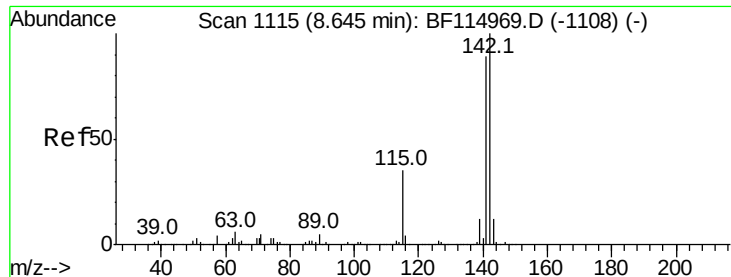
#31
 Naphthalene
 Concen: 6.469 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF115018.D
 Acq: 13 Jun 2019 22:43

Tgt Ion: 128 Resp: 310725
 Ion Ratio Lower Upper
 128 100
 129 13.2 9.5 14.3
 127 13.8 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

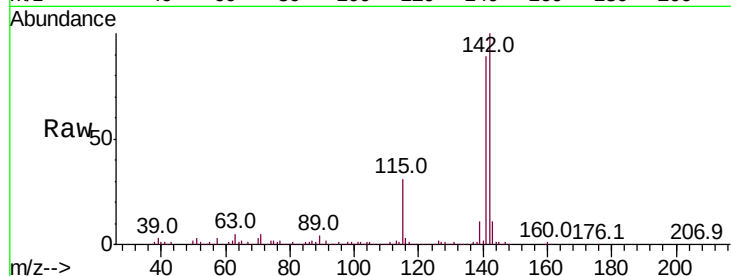




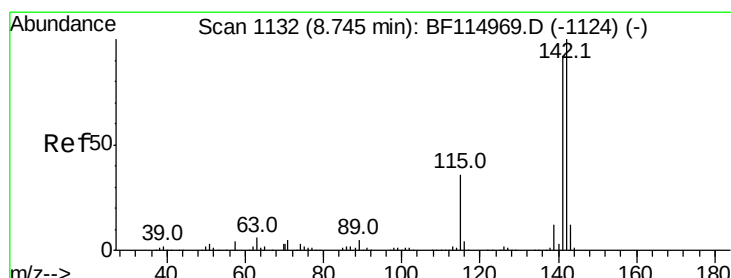
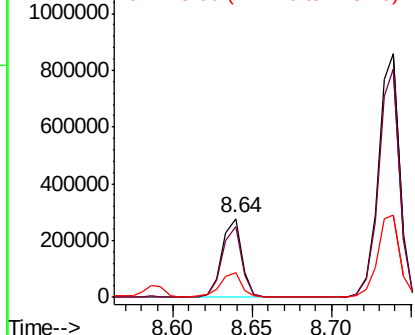
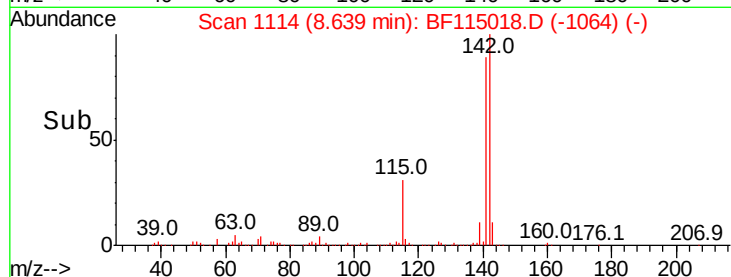
#37
2-Methylnaphthalene
Concen: 7.621 ng
RT: 8.64 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF115018.D
Acq: 13 Jun 2019 22:43

Instrument :
BNA_F
ClientSampleId :
PR-MW-2_061219

Tot Ion:142 Resp: 244177
Ion Ratio Lower Upper
142 100
141 89.2 71.0 106.6
115 31.2 27.9 41.9

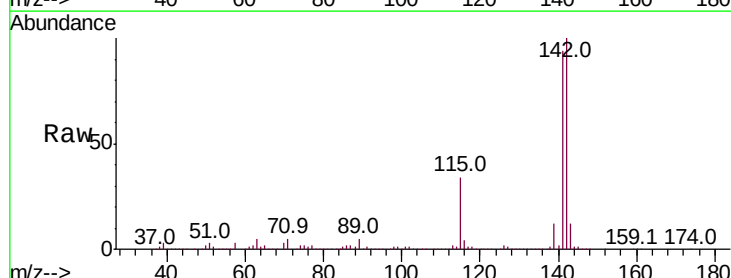


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

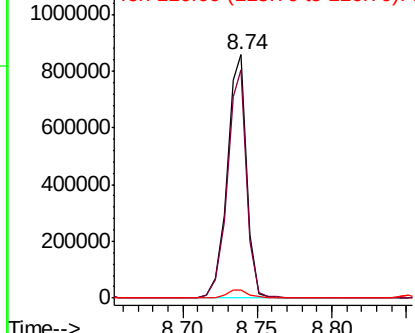
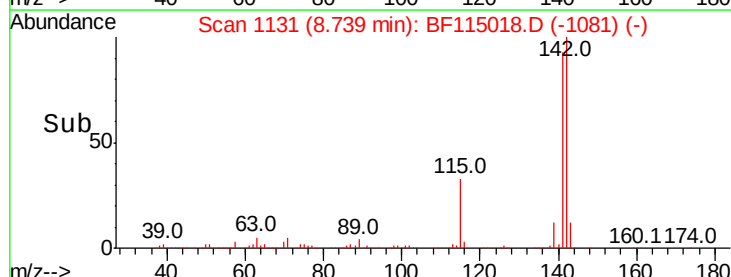


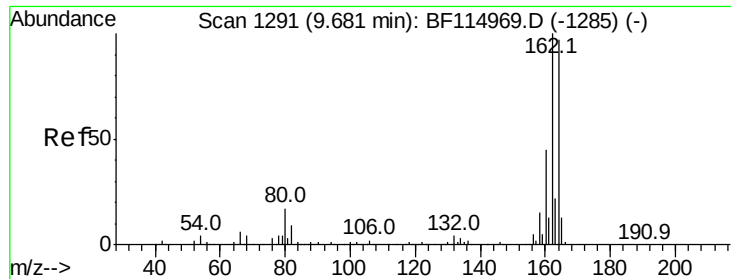
#38
1-Methylnaphthalene
Concen: 26.192 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF115018.D
Acq: 13 Jun 2019 22:43

Tgt Ion:142 Resp: 793098
Ion Ratio Lower Upper
142 100
141 93.6 73.8 110.8
116 3.6 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

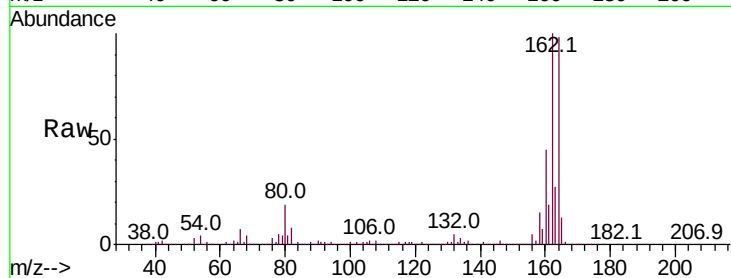




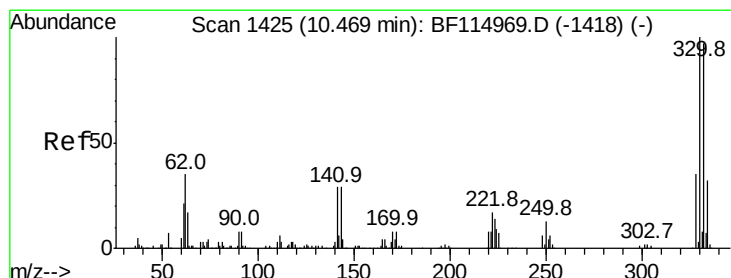
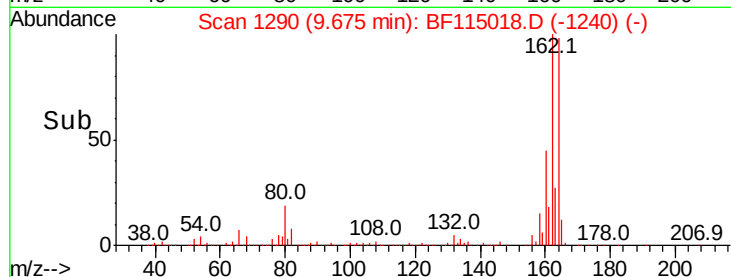
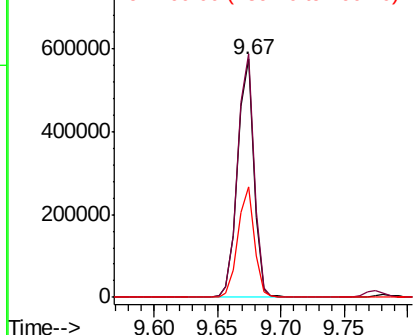
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF115018.D
 Acq: 13 Jun 2019 22:43

Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-2_061219

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.6	124.0
160	46.3	36.9	55.3

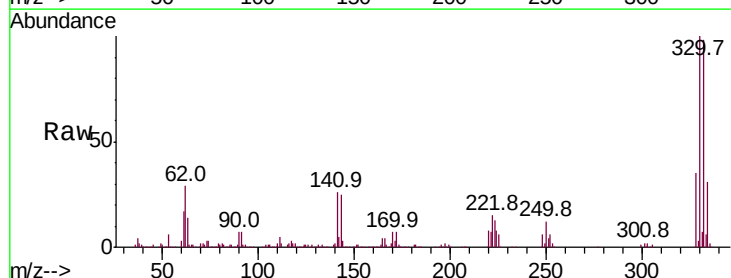


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

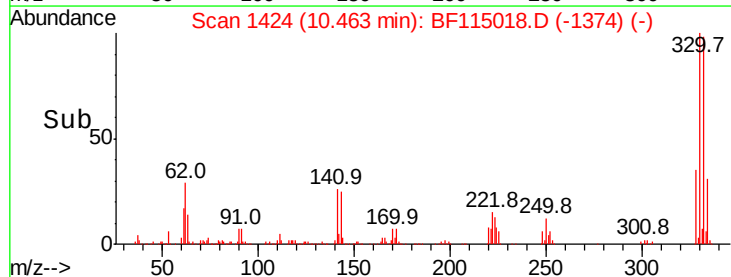
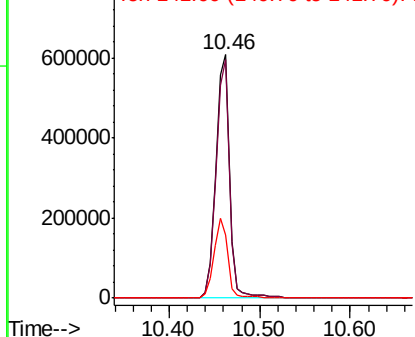


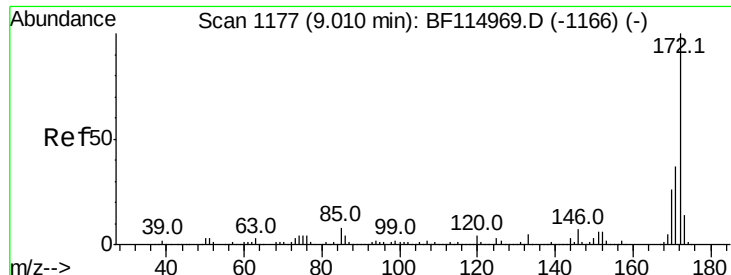
#42
 2,4,6-Tribromophenol
 Concen: 116.476 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115018.D
 Acq: 13 Jun 2019 22:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.6	116.4
141	33.6	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

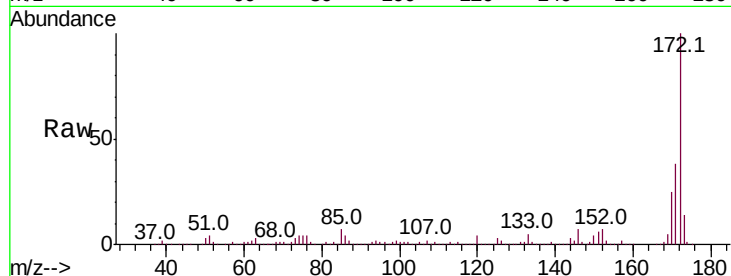




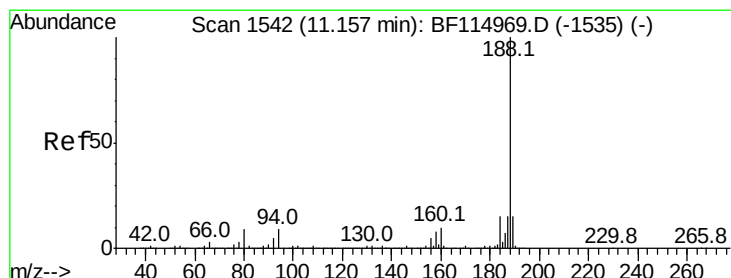
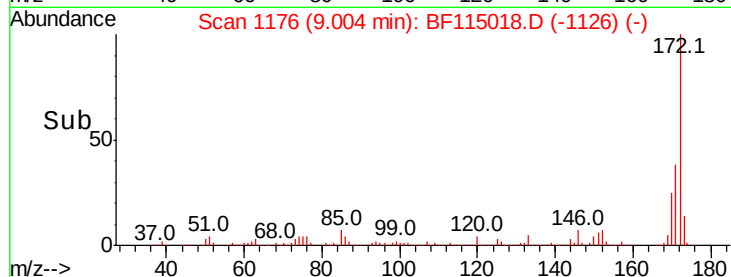
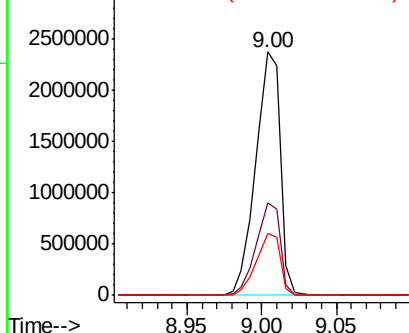
#45
2-Fluorobiphenyl
Concen: 88.542 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF115018.D
Acq: 13 Jun 2019 22:43

Instrument :
BNA_F
ClientSampleId :
PR-MW-2_061219

Tot Ion:172 Resp: 2673834
Ion Ratio Lower Upper
172 100
171 37.8 29.8 44.6
170 25.5 20.6 31.0

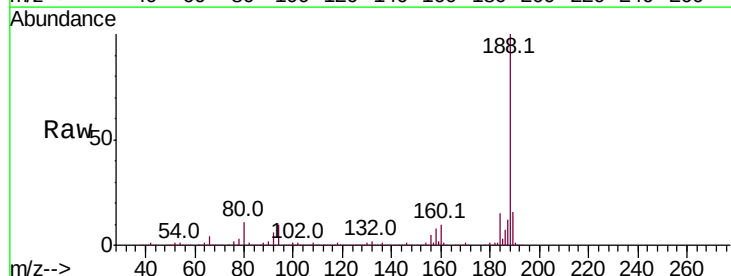


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

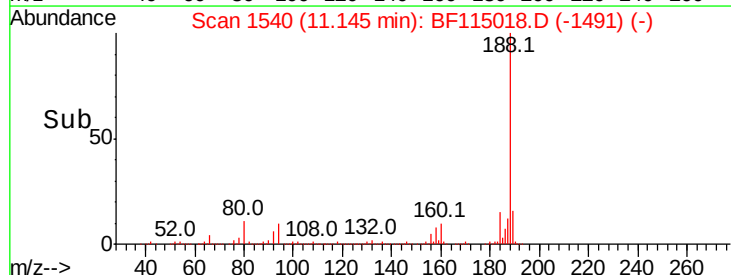
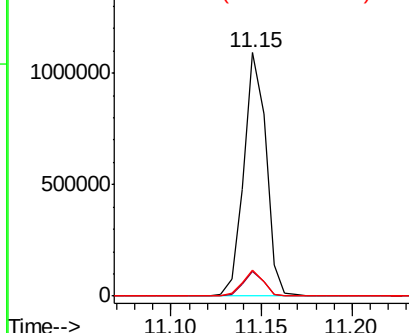


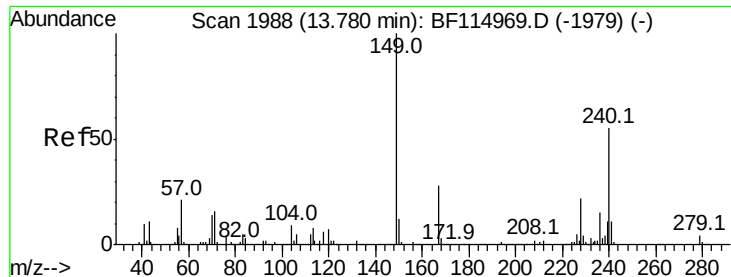
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF115018.D
Acq: 13 Jun 2019 22:43

Tgt Ion:188 Resp: 934550
Ion Ratio Lower Upper
188 100
94 10.1 7.2 10.8
80 10.6 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: BF115018.D

Acq: 13 Jun 2019 22:43

Instrument :

BNA_F

ClientSampleId :

PR-MW-2_061219

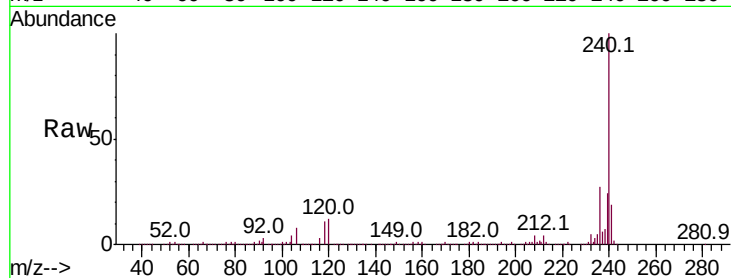
Tot Ion:240 Resp: 615934

Ion Ratio Lower Upper

240 100

120 11.7 10.0 15.0

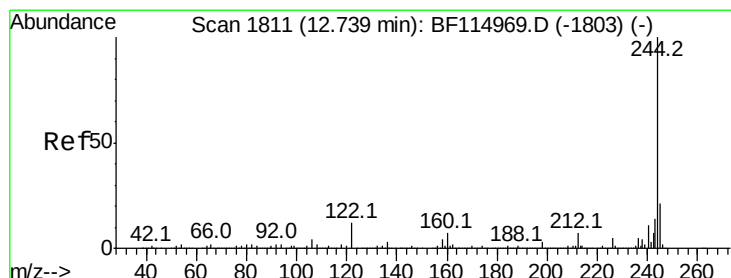
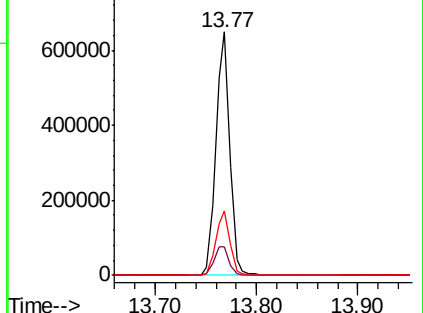
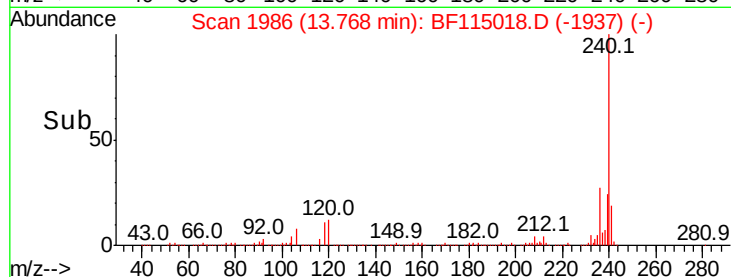
236 26.7 21.6 32.4



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: 81.461 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115018.D

Acq: 13 Jun 2019 22:43

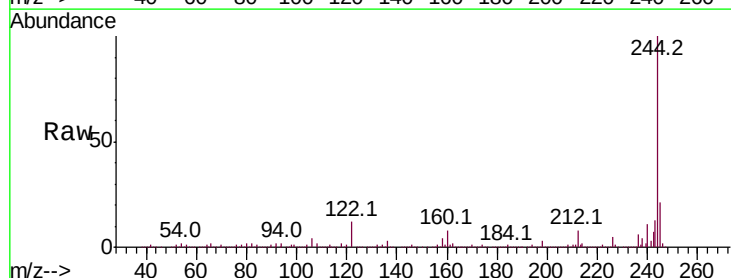
Tgt Ion:244 Resp: 2667639

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

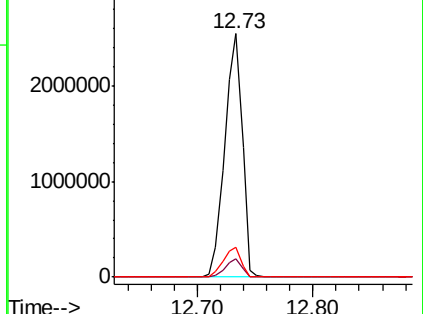
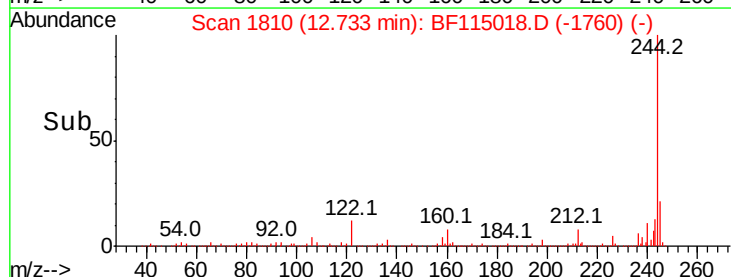
122 12.5 9.4 14.0

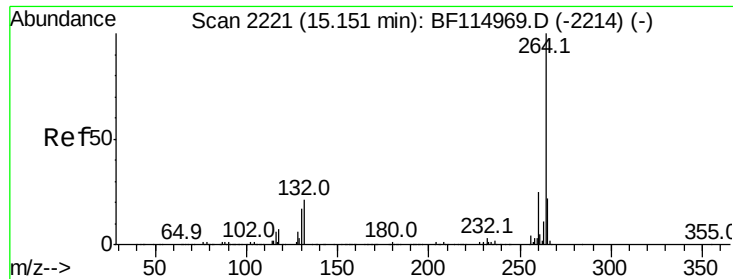


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF115018.D
Acq: 13 Jun 2019 22:43

Instrument :
BNA_F
ClientSampleId :
PR-MW-2_061219

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.9	29.9
265	21.1	17.6	26.4

