

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF061319\
 Data File : BF115014.D
 Acq On : 13 Jun 2019 20:57
 Operator : HP/JU
 Sample : K3345-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5_061219

Quant Time: Jun 27 19:07:02 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

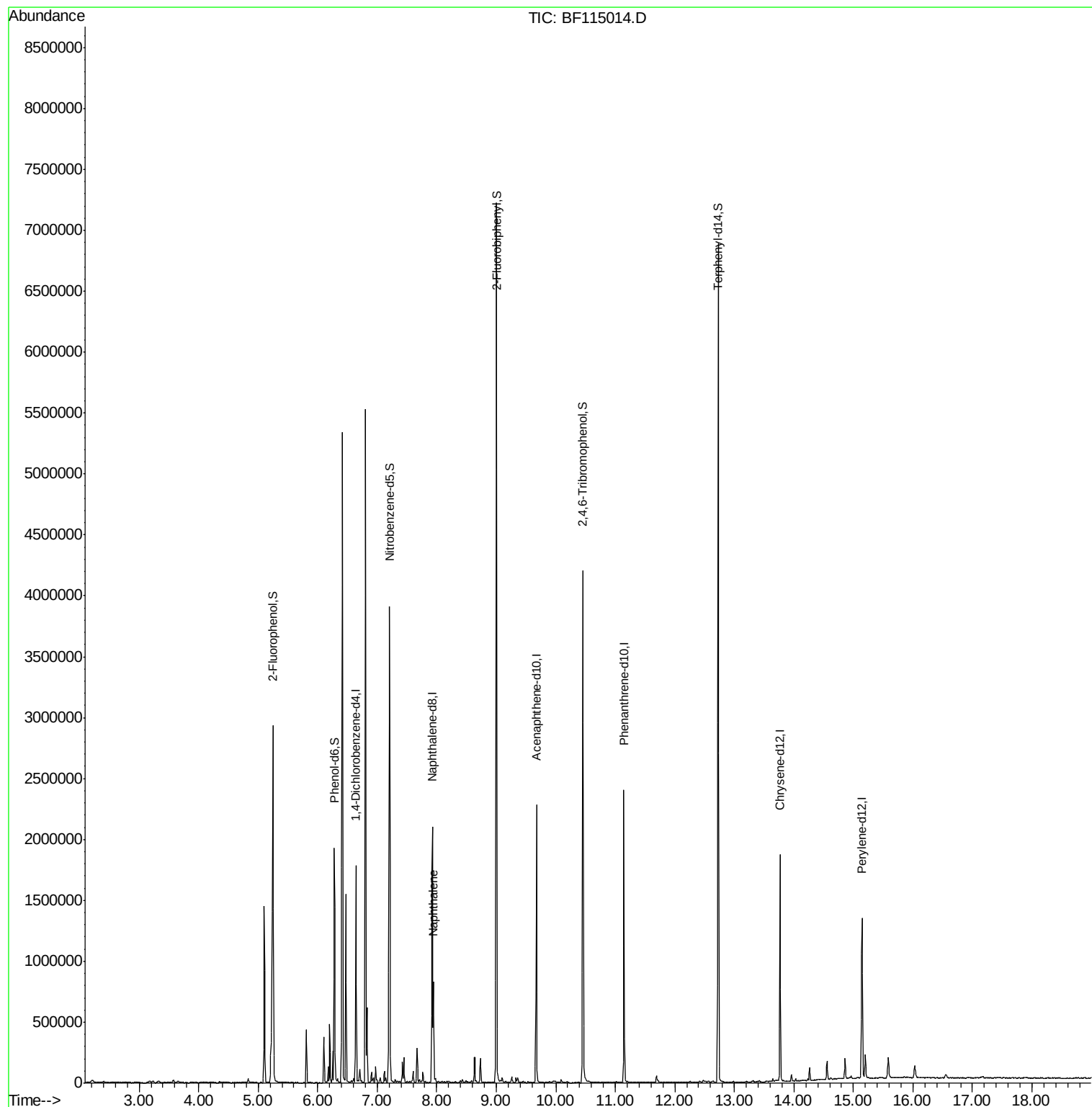
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	255635	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	974678	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	467980	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	877771	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	570785	20.00	ng	-0.01
87) Perylene-d12	15.14	264	542450	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	828591	54.12	ng	0.00
7) Phenol-d6	6.28	99	652943	35.36	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1384141	85.48	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	565060	112.75	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2568770	93.03	ng	0.00
79) Terphenyl-d14	12.73	244	2474888	81.55	ng	0.00
Target Compounds						
31) Naphthalene	7.95	128	351963	7.632	ng	Qvalue 98

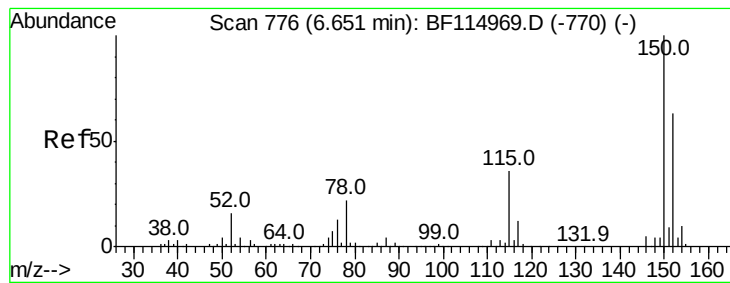
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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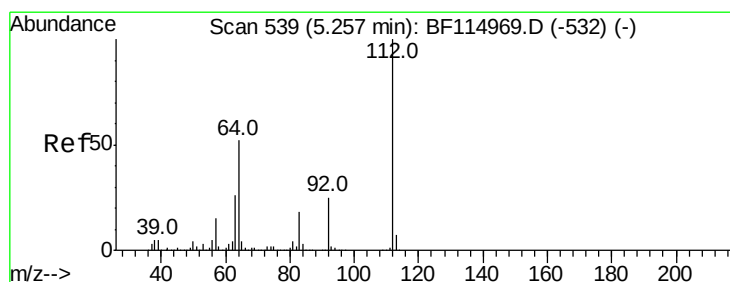
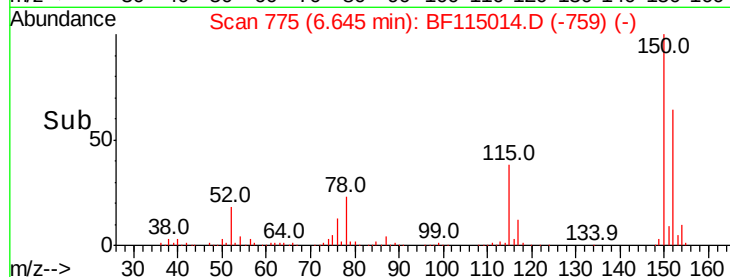
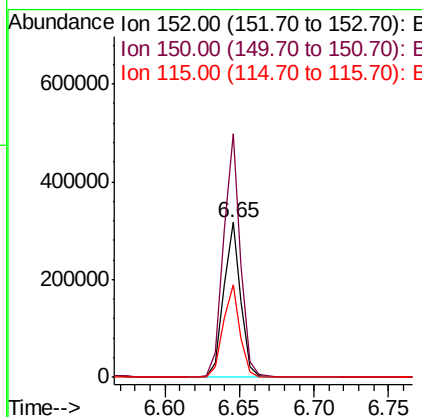
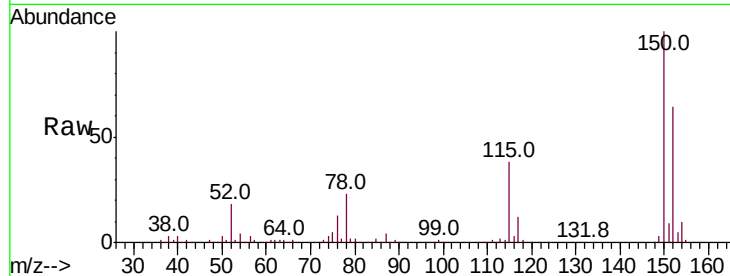


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF115014.D
 Acq: 13 Jun 2019 20:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-5_061219

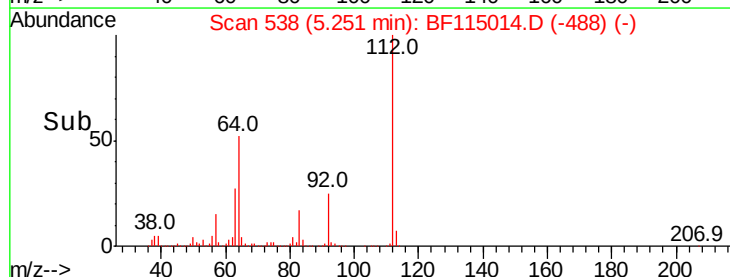
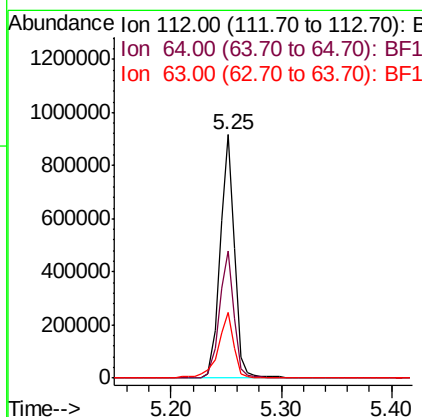
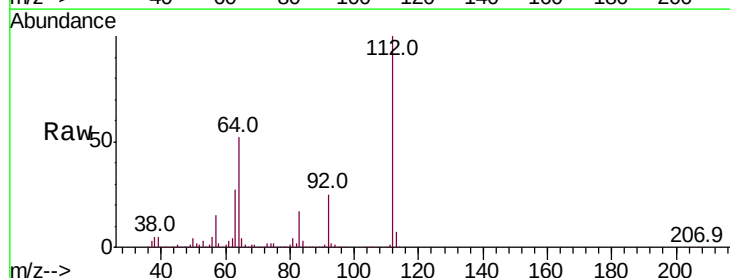
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	127.4	191.0
115	59.6	46.0	69.0

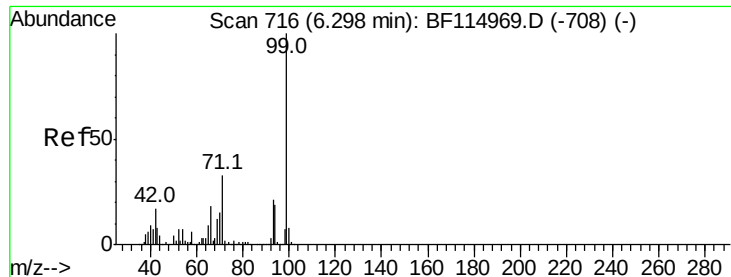


#5

2-Fluorophenol
 Concen: 54.123 ng
 RT: 5.25 min Scan# 538
 Delta R.T. -0.01 min
 Lab File: BF115014.D
 Acq: 13 Jun 2019 20:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.1	41.6	62.4
63	26.9	20.9	31.3





#7

Phenol-d6

Concen: 35.356 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF115014.D

Acq: 13 Jun 2019 20:57

Instrument :

BNA_F

ClientSampleId :

MW-5 061219

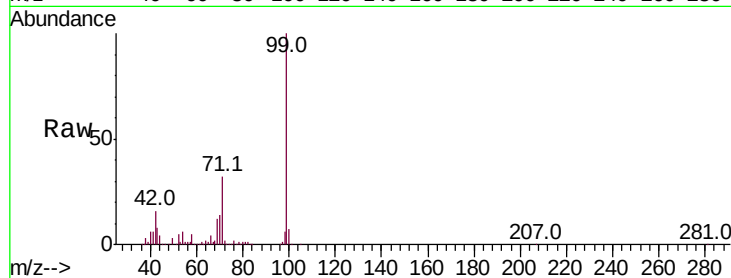
Tot Ion: 99 Resp: 652943

Ion Ratio Lower Upper

99 100

42 16.0 13.4 20.2

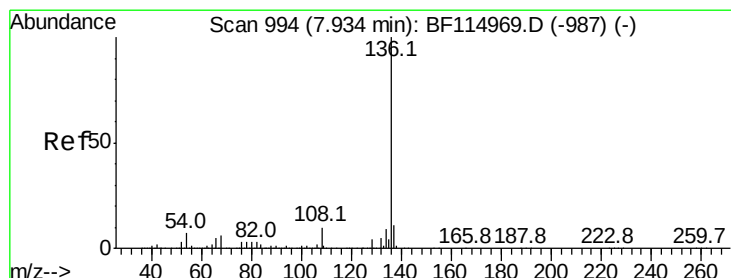
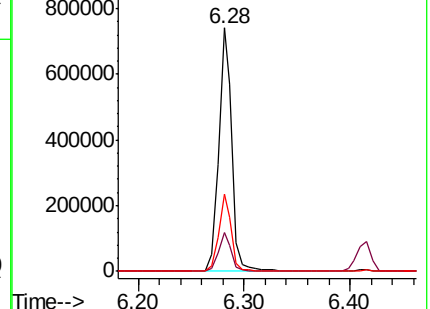
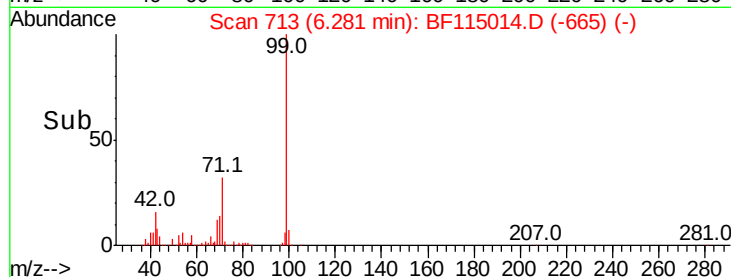
71 31.8 26.4 39.6



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: BF115014.D

Acq: 13 Jun 2019 20:57

Tgt Ion: 136 Resp: 974678

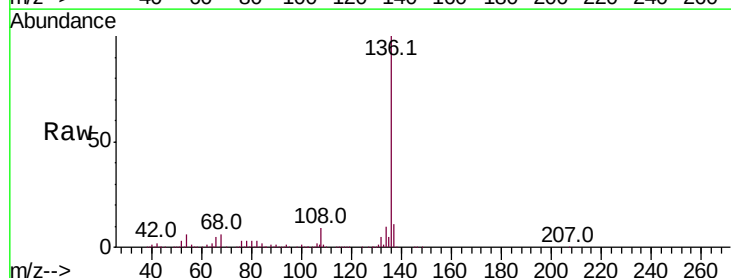
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 6.5 5.4 8.0

68 5.5 4.6 7.0

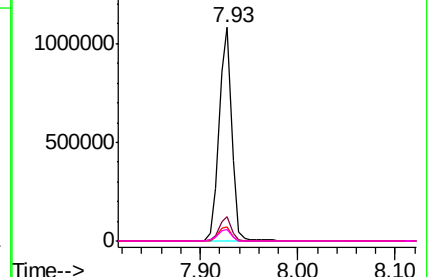
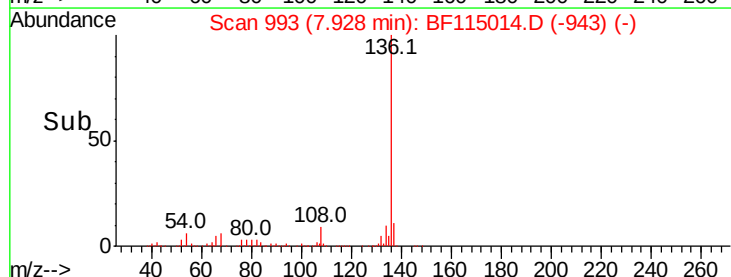


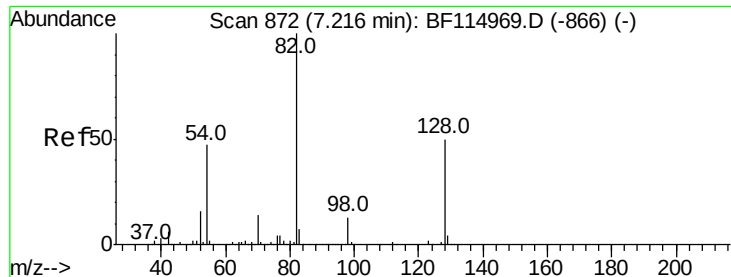
Abundance Ion 136.00 (135.70 to 136.70): E

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

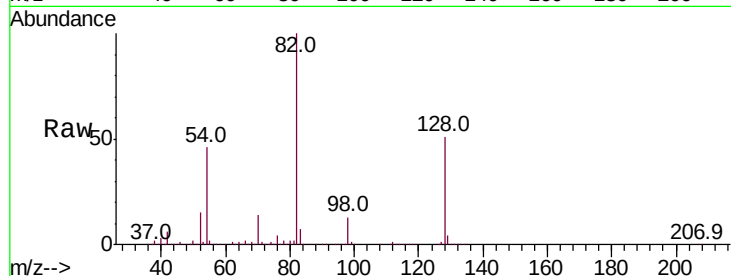




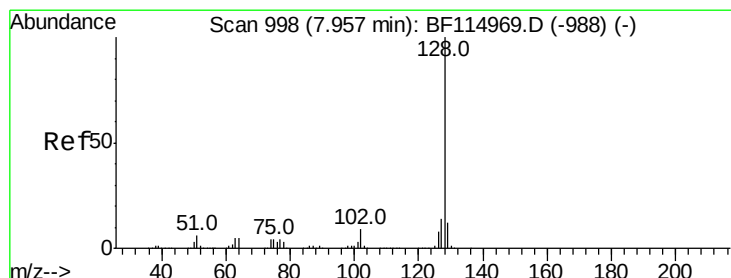
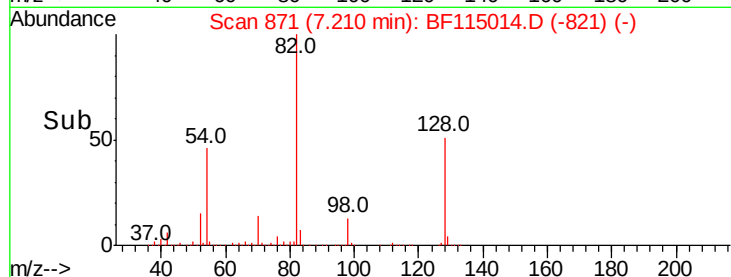
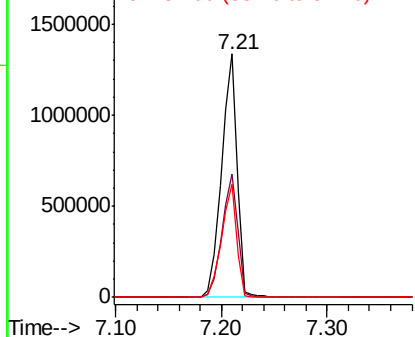
#23
Nitrobenzene-d5
Concen: 85.479 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115014.D
Acq: 13 Jun 2019 20:57

Instrument :
BNA_F
ClientSampleId :
MW-5_061219

Tot Ion: 82 Resp: 1384141
Ion Ratio Lower Upper
82 100
128 50.7 39.9 59.9
54 46.4 37.3 55.9

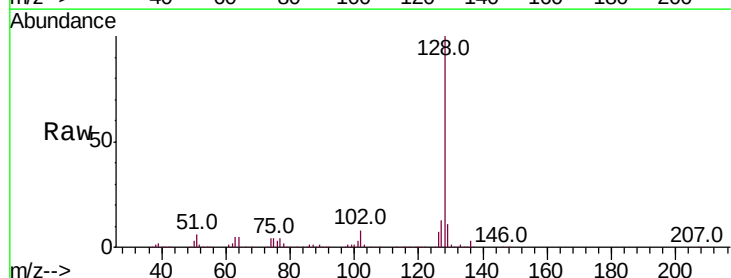


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

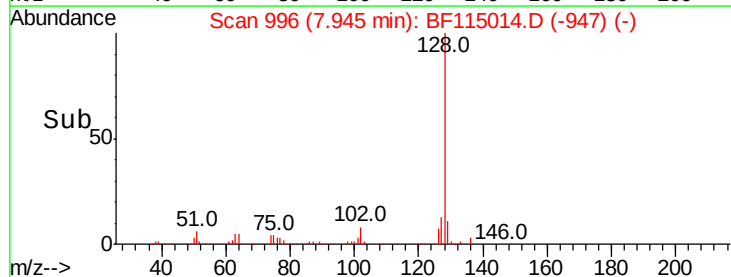
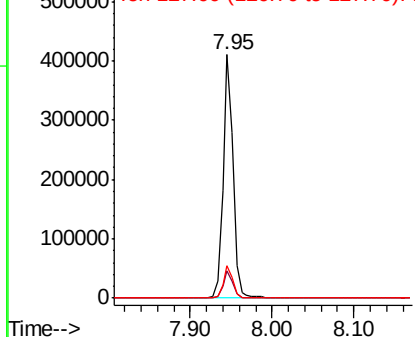


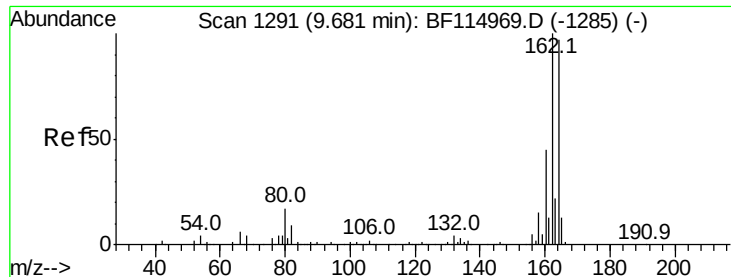
#31
Naphthalene
Concen: 7.632 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF115014.D
Acq: 13 Jun 2019 20:57

Tgt Ion: 128 Resp: 351963
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.2 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

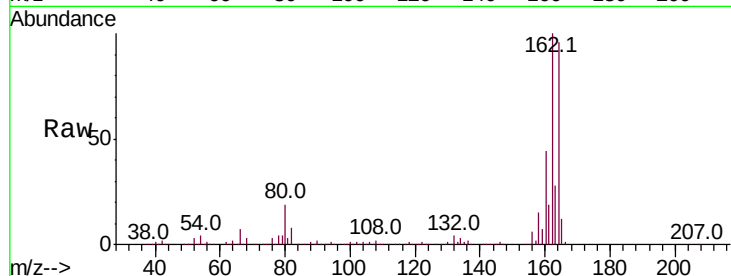




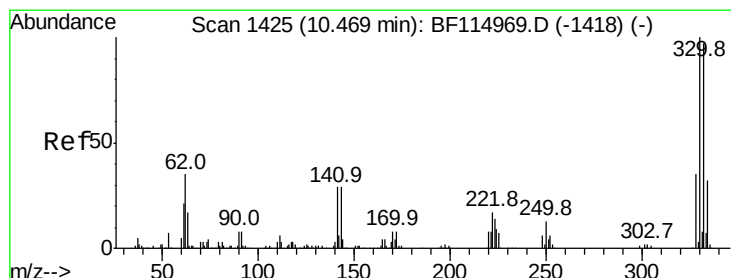
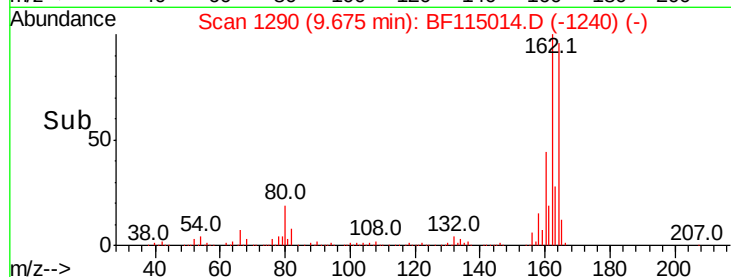
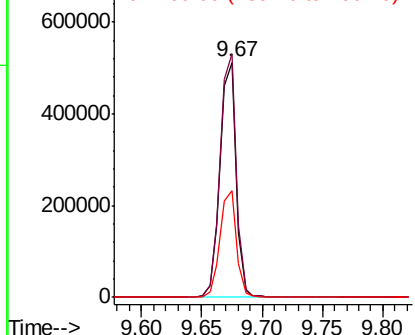
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF115014.D
 Acq: 13 Jun 2019 20:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-5_061219

Tot Ion:164 Resp: 467980
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.6 124.0
 160 45.5 36.9 55.3

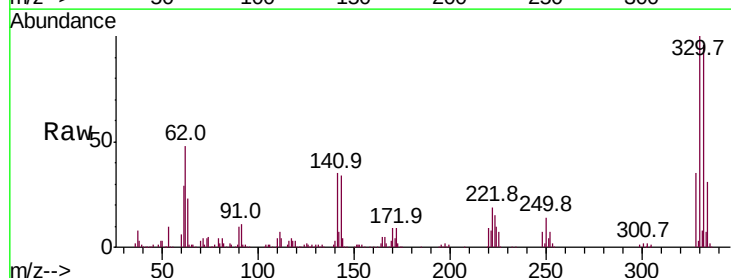


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

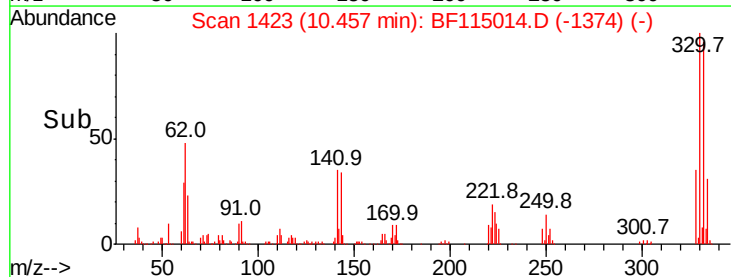
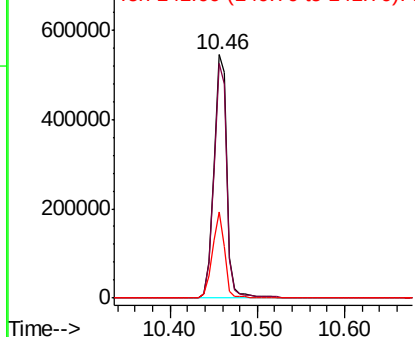


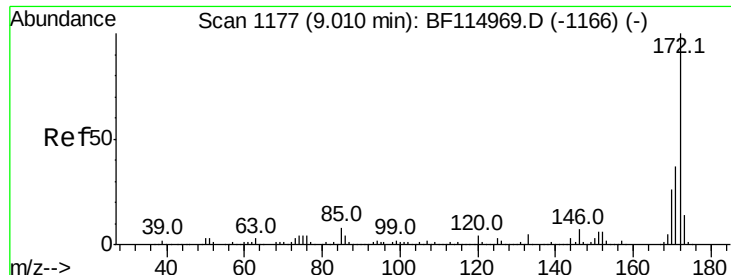
#42
 2,4,6-Tribromophenol
 Concen: 112.755 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115014.D
 Acq: 13 Jun 2019 20:57

Tgt Ion:330 Resp: 565060
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.6 116.4
 141 33.0 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



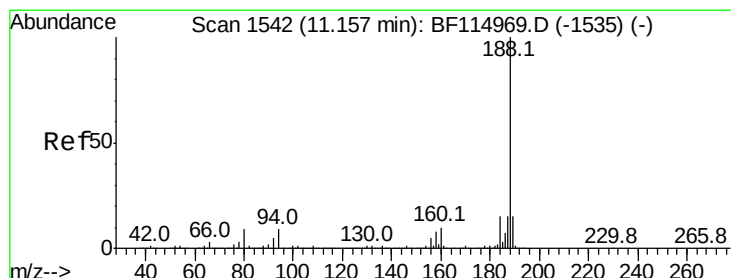
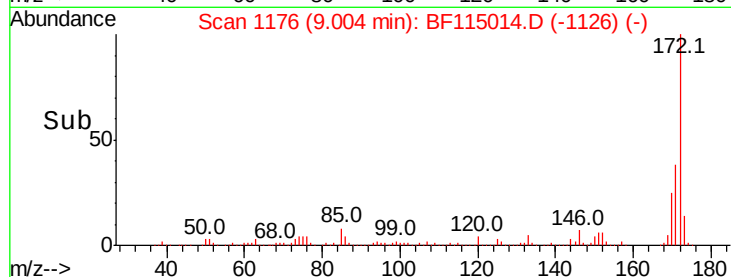
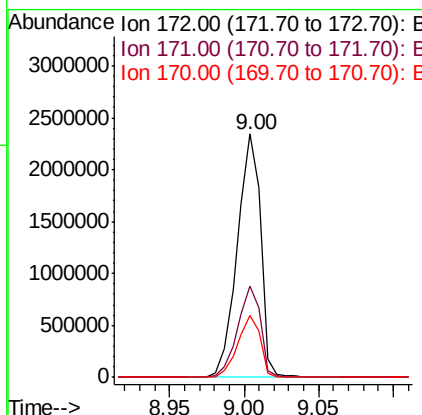
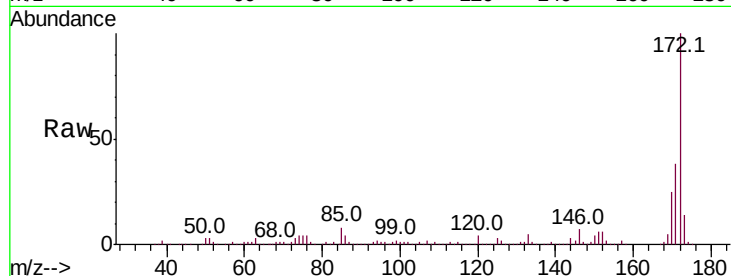


#45
 2-Fluorobiphenyl
 Concen: 93.031 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF115014.D
 Acq: 13 Jun 2019 20:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-5_061219

Tot Ion:172 Resp: 2568770

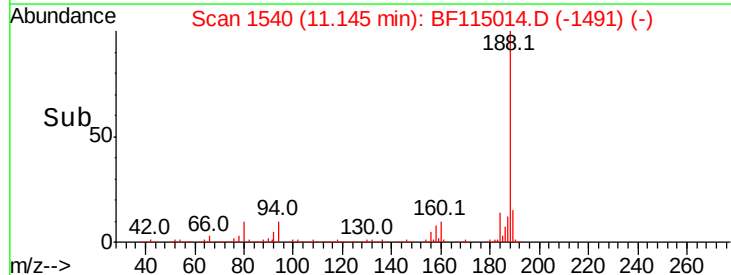
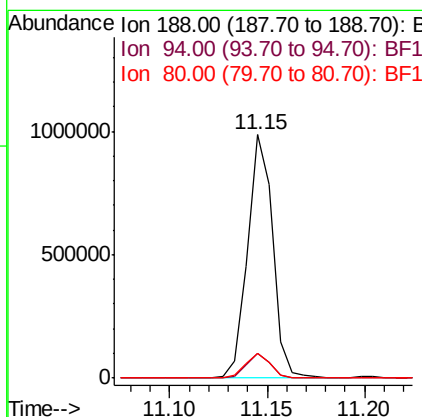
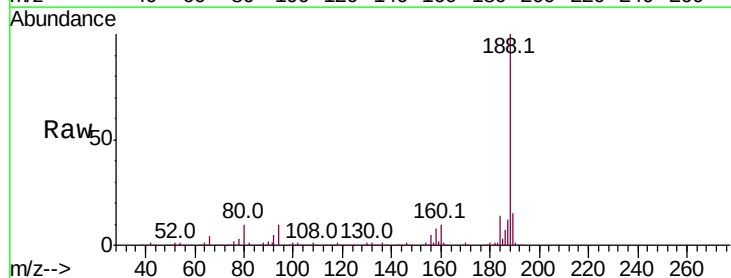
Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.6
170	25.5	20.6	31.0

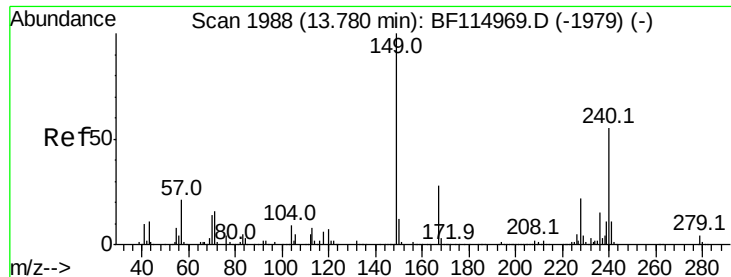


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF115014.D
 Acq: 13 Jun 2019 20:57

Tgt Ion:188 Resp: 877771

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.2	10.8
80	10.4	7.4	11.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF115014.D

Acq: 13 Jun 2019 20:57

Instrument :

BNA_F

ClientSampleId :

MW-5 061219

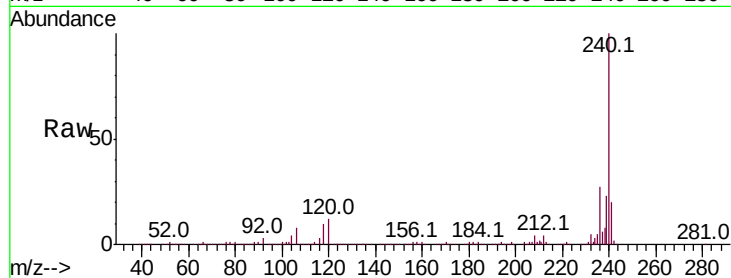
Tot Ion:240 Resp: 570785

Ion Ratio Lower Upper

240 100

120 11.9 10.0 15.0

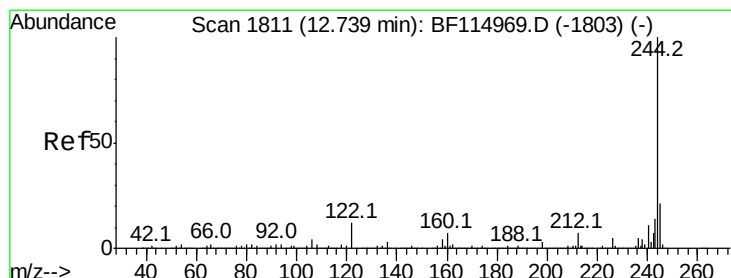
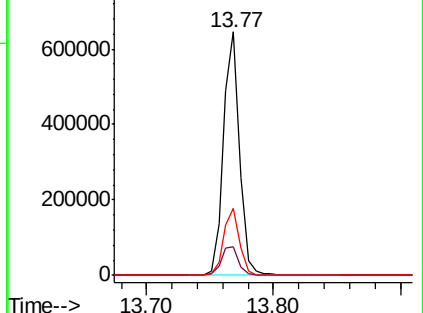
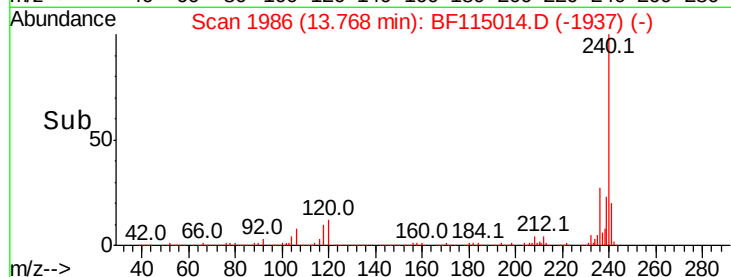
236 27.3 21.6 32.4



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: 81.553 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115014.D

Acq: 13 Jun 2019 20:57

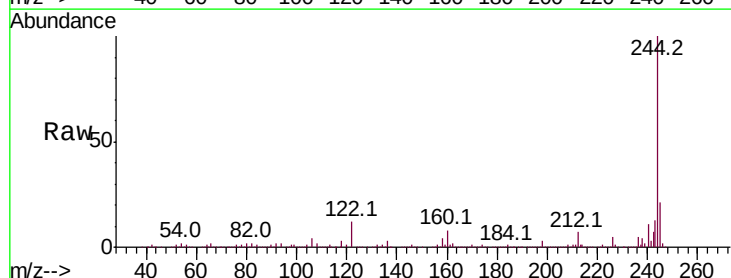
Tgt Ion:244 Resp: 2474888

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

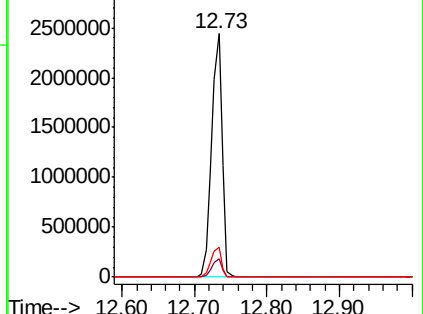
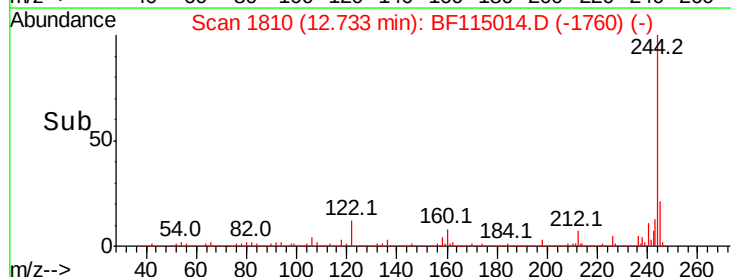
122 12.2 9.4 14.0

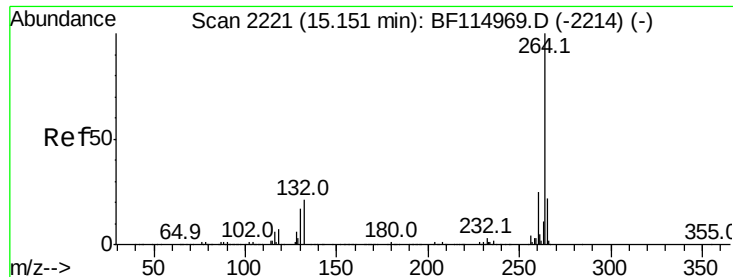


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF115014.D
Acq: 13 Jun 2019 20:57

Instrument :
BNA_F
ClientSampleId :
MW-5_061219

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.9	29.9
265	22.0	17.6	26.4

