

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112117.D
 Acq On : 18 Jan 2019 10:37
 Operator : JU/SJ
 Sample : K1136-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-103

Quant Time: Jan 18 12:23:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

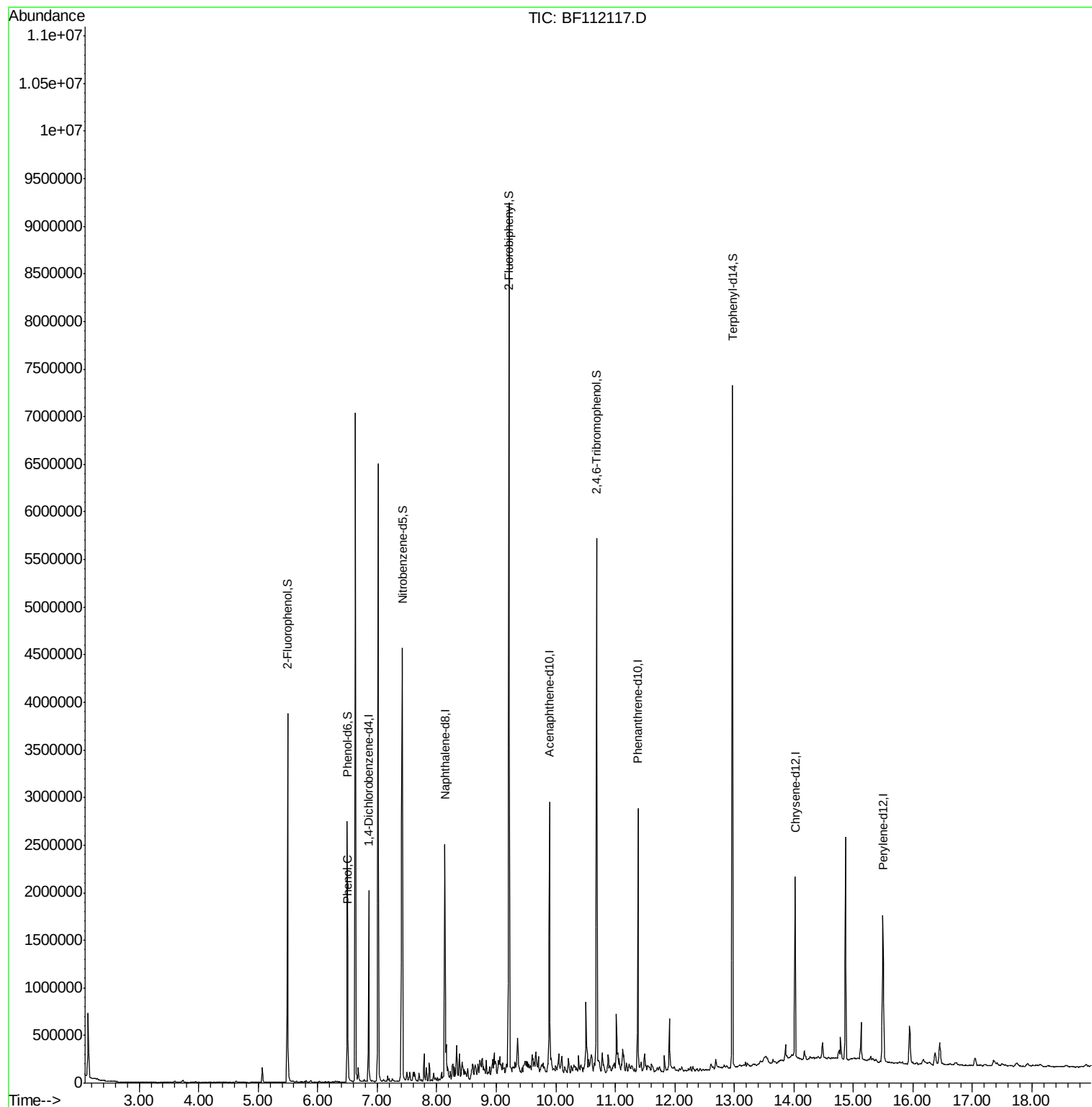
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	293727	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1100271	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	533696	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	943575	20.00	ng	0.00
76) Chrysene-d12	14.02	240	618742	20.00	ng	-0.01
87) Perylene-d12	15.49	264	665124	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1060182	65.51	ng	0.00
7) Phenol-d6	6.50	99	834663	41.22	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1687802	105.98	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	767319	133.28	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2991915	82.19	ng	0.00
79) Terphenyl-d14	12.97	244	2693462	92.61	ng	0.00
Target Compounds						
10) Phenol	6.51	94	61898	2.797	ng	Qvalue # 75

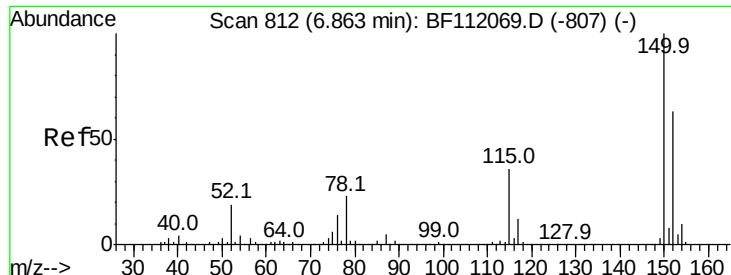
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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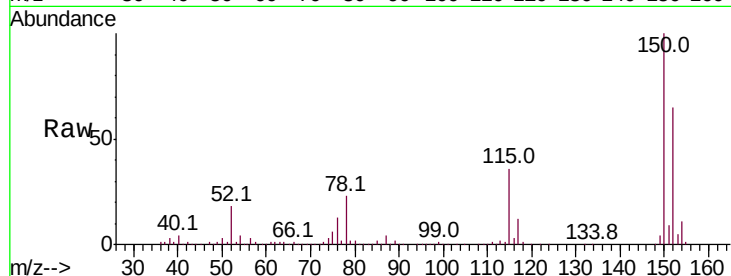


#1

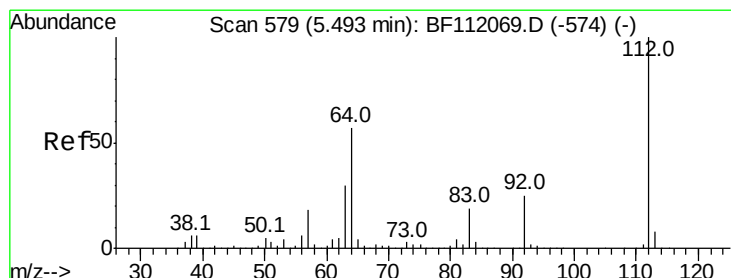
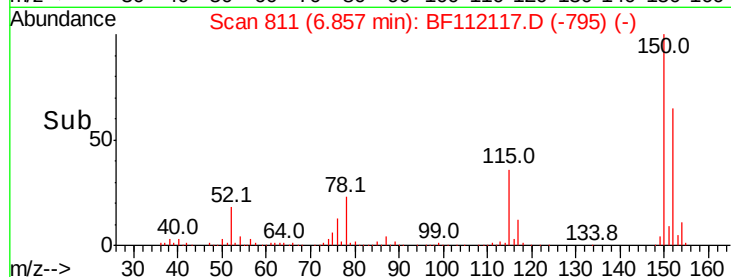
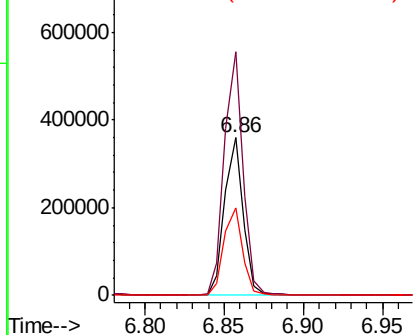
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF112117.D
 Acq: 18 Jan 2019 10:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-103

Tot Ion:152 Resp: 293727
 Ion Ratio Lower Upper
 152 100
 150 154.4 127.4 191.0
 115 55.4 45.5 68.3



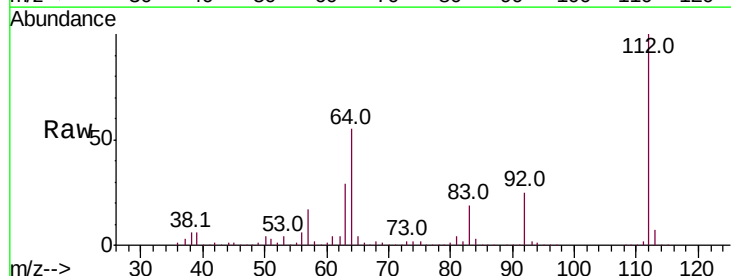
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



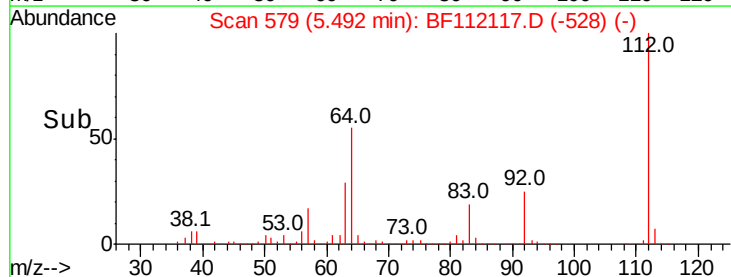
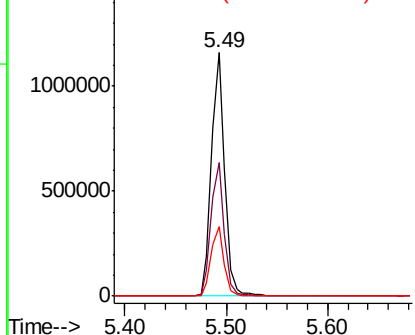
#5

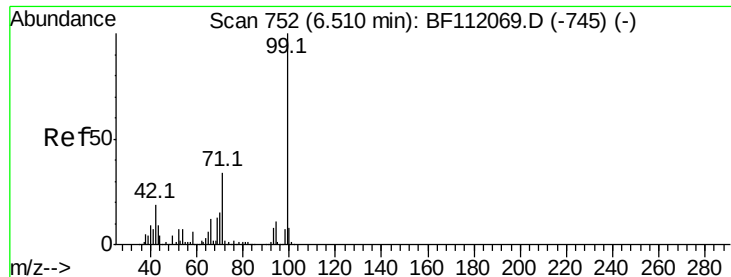
2-Fluorophenol
 Concen: 65.512 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF112117.D
 Acq: 18 Jan 2019 10:37

Tgt Ion:112 Resp: 1060182
 Ion Ratio Lower Upper
 112 100
 64 55.0 45.7 68.5
 63 28.5 23.6 35.4



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: 41.223 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112117.D

Acq: 18 Jan 2019 10:37

Instrument :

BNA_F

ClientSampleId :

MW-103

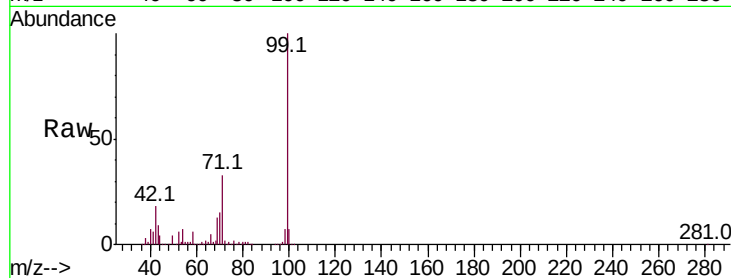
Tot Ion: 99 Resp: 834663

Ion Ratio Lower Upper

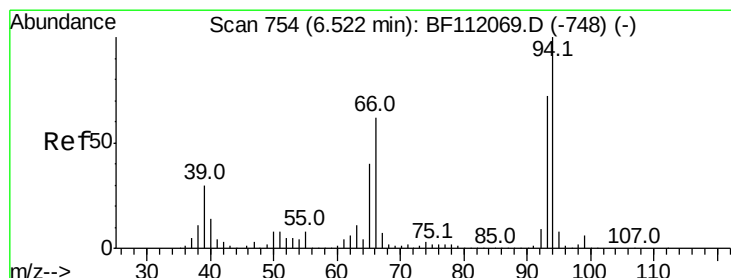
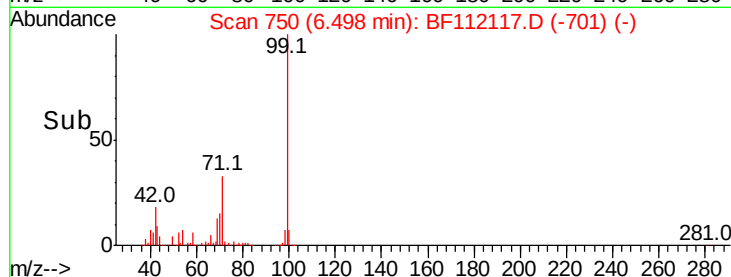
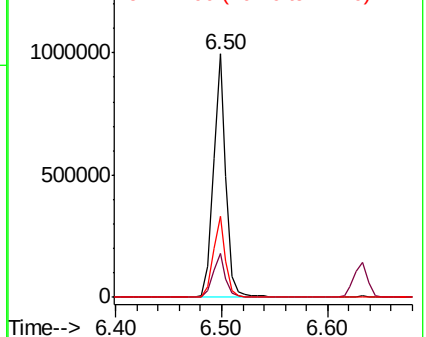
99 100

42 18.2 15.1 22.7

71 33.4 26.9 40.3



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: 2.797 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF112117.D

Acq: 18 Jan 2019 10:37

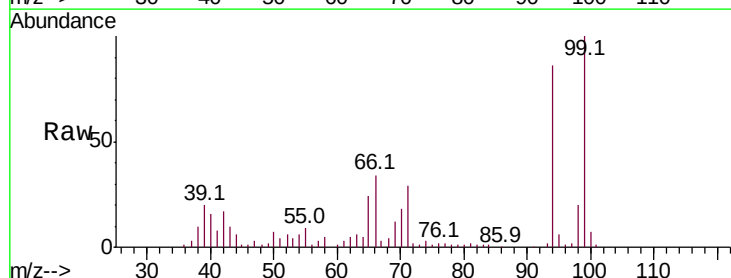
Tgt Ion: 94 Resp: 61898

Ion Ratio Lower Upper

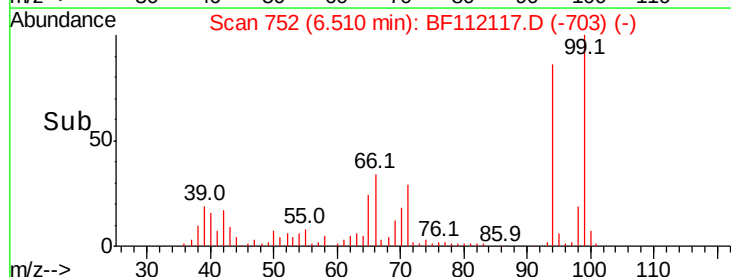
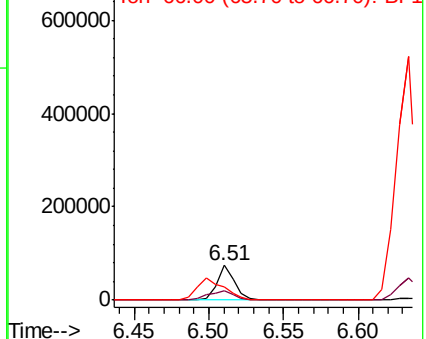
94 100

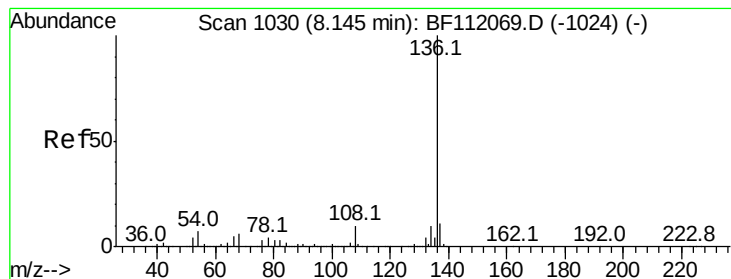
65 28.3 20.3 60.3

66 40.0 42.4 82.4#



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: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF112117.D

Acq: 18 Jan 2019 10:37

Instrument :

BNA_F

ClientSampleId :

MW-103

Tot Ion:136 Resp: 1100271

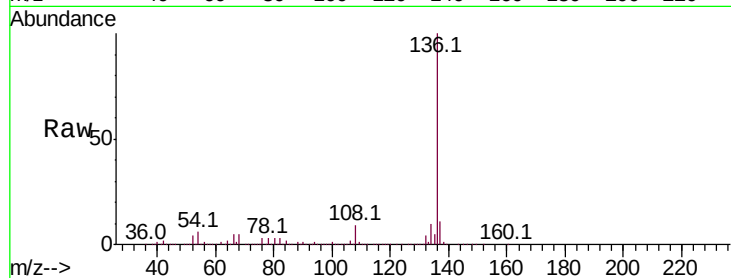
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 6.5 5.9 8.9

68 5.5 5.1 7.7

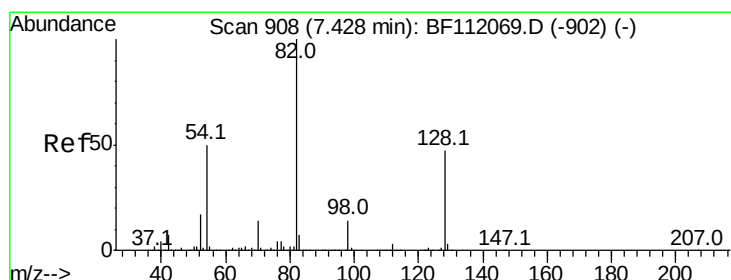
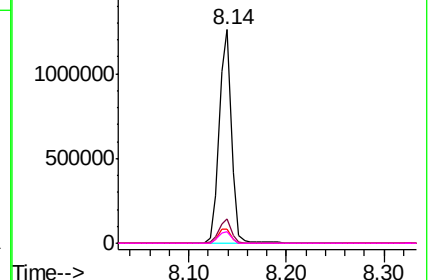
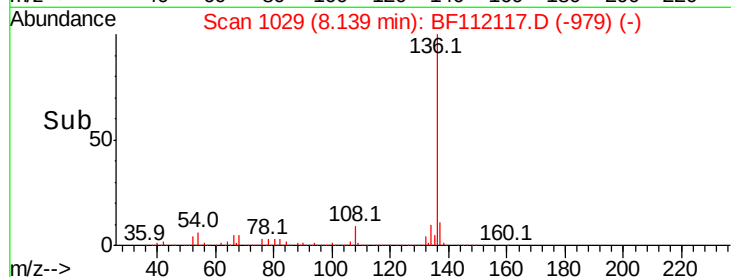


Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.982 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF112117.D

Acq: 18 Jan 2019 10:37

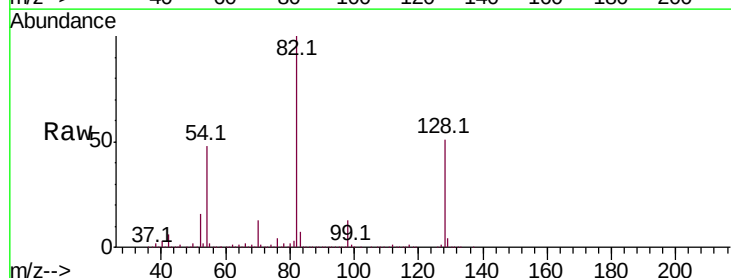
Tgt Ion: 82 Resp: 1687802

Ion Ratio Lower Upper

82 100

128 51.3 37.8 56.8

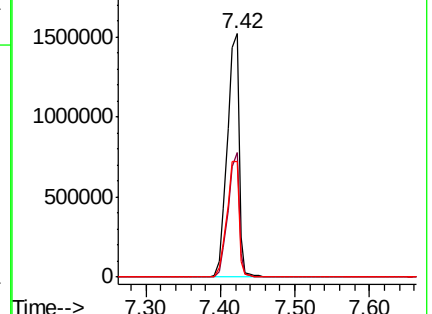
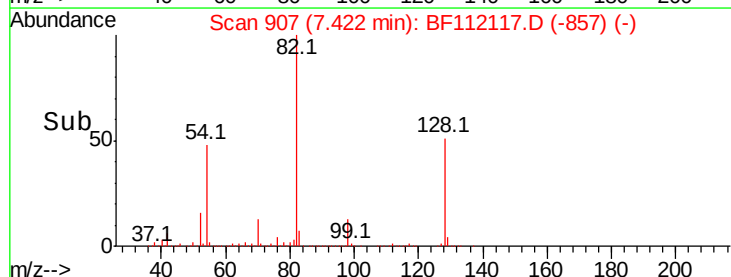
54 47.6 39.7 59.5

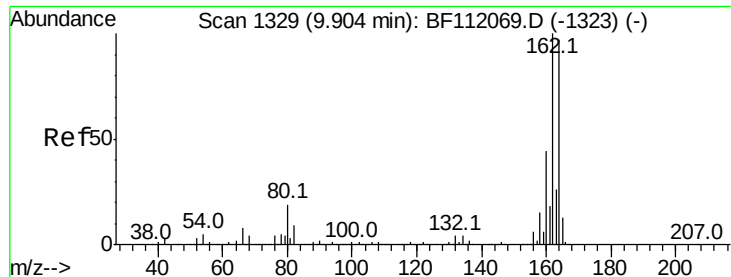


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

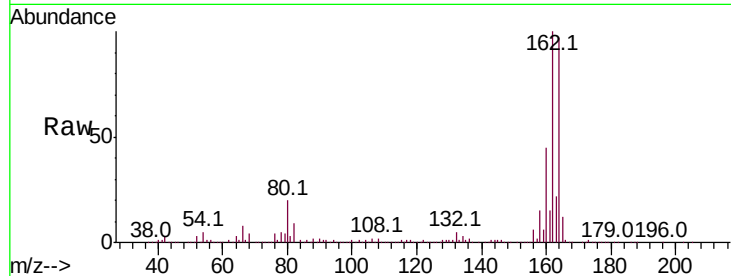




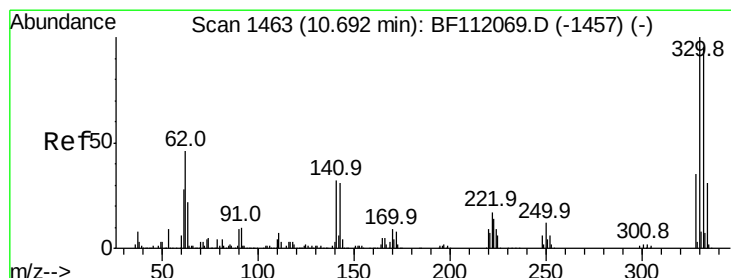
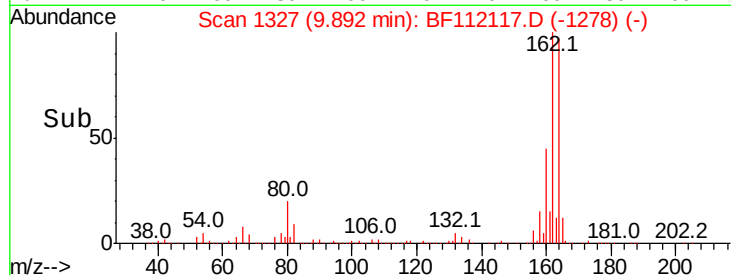
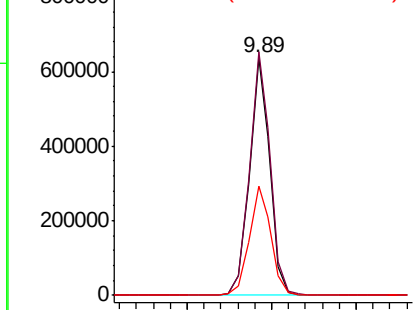
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112117.D
Acq: 18 Jan 2019 10:37

Instrument :
BNA_F
ClientSampleId :
MW-103

Tot Ion:164 Resp: 533696
Ion Ratio Lower Upper
164 100
162 102.6 82.2 123.4
160 45.9 36.2 54.4

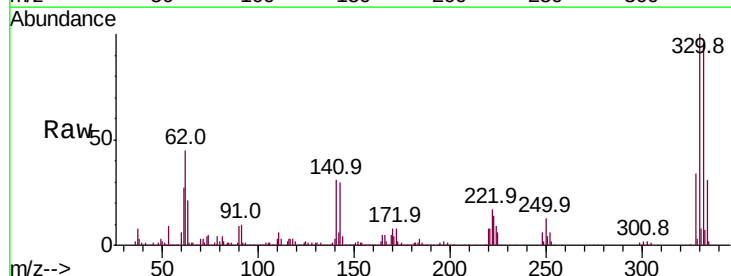


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

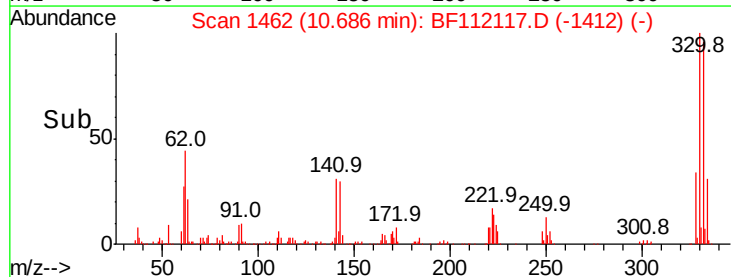
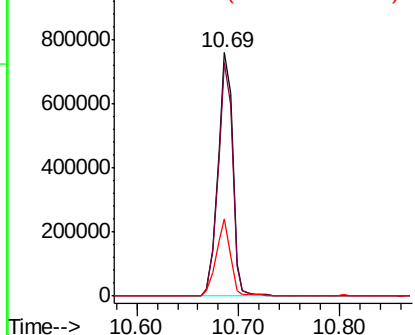


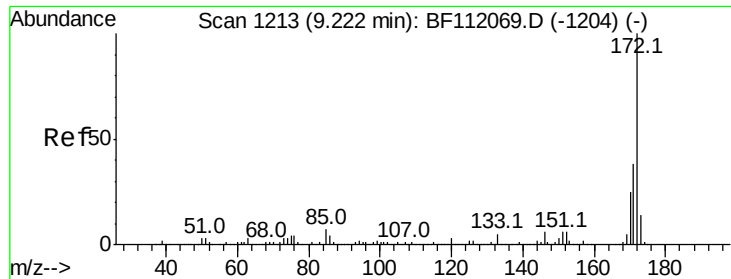
#42
2,4,6-Tribromophenol
Concen: 133.275 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF112117.D
Acq: 18 Jan 2019 10:37

Tgt Ion:330 Resp: 767319
Ion Ratio Lower Upper
330 100
332 95.4 76.6 114.8
141 30.5 24.3 36.5



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

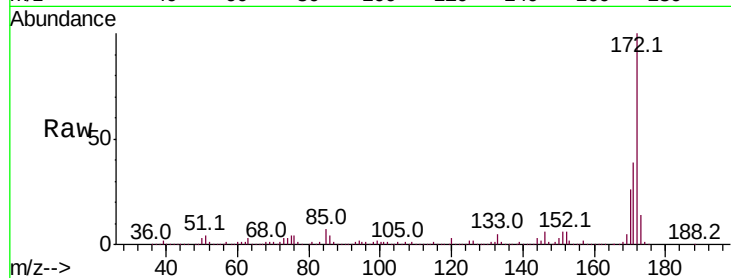




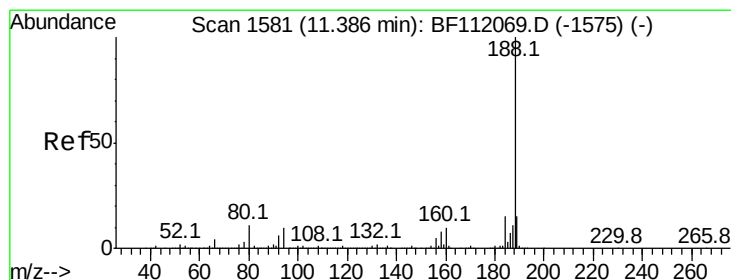
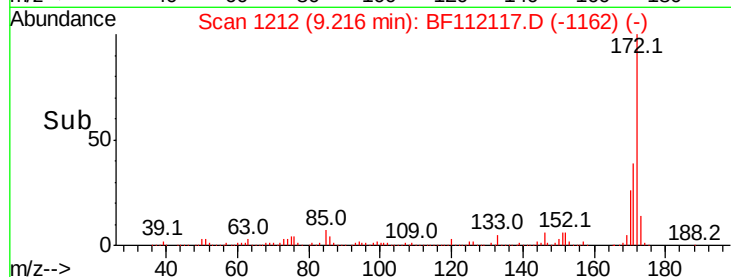
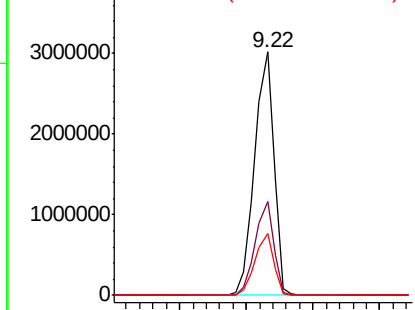
#45
2-Fluorobiphenyl
Concen: 82.191 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF112117.D
Acq: 18 Jan 2019 10:37

Instrument :
BNA_F
ClientSampleId :
MW-103

Tot Ion:172 Resp: 2991915
Ion Ratio Lower Upper
172 100
171 38.7 30.5 45.7
170 25.6 20.2 30.4

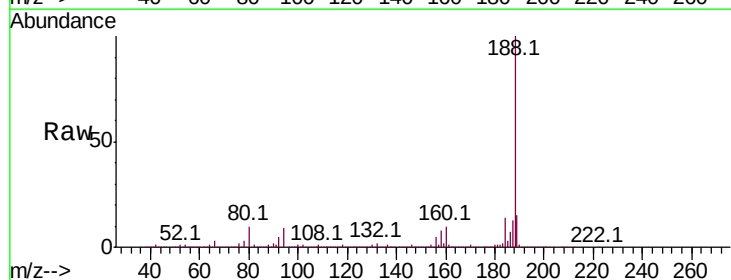


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

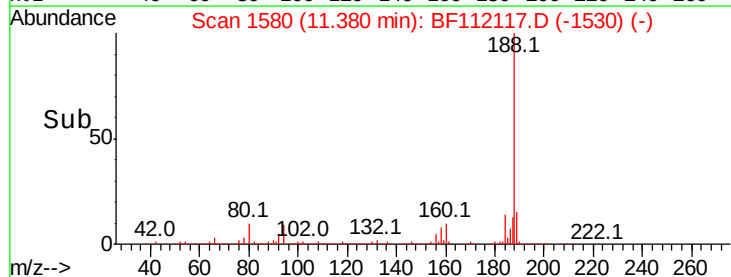
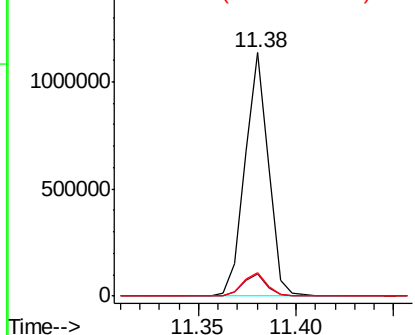


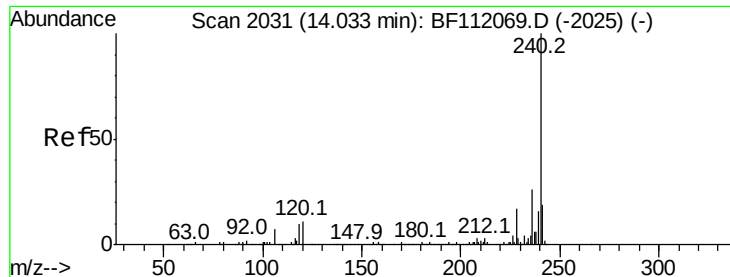
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112117.D
Acq: 18 Jan 2019 10:37

Tgt Ion:188 Resp: 943575
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.2
80 9.7 8.9 13.3



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

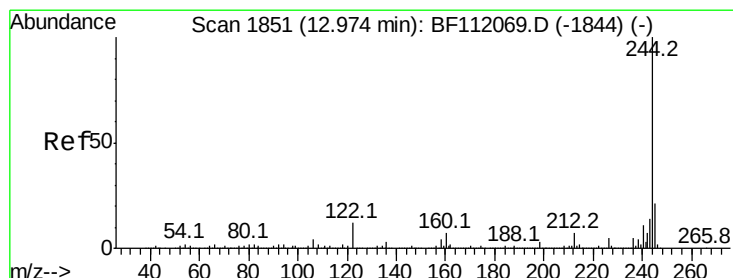
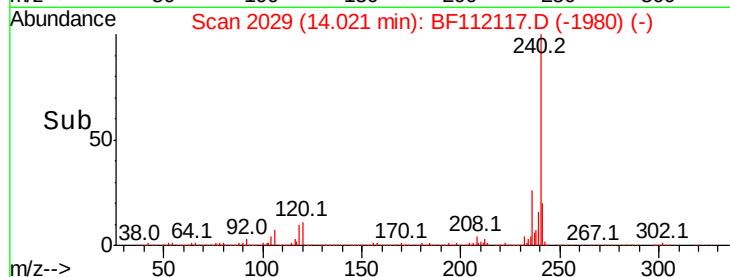
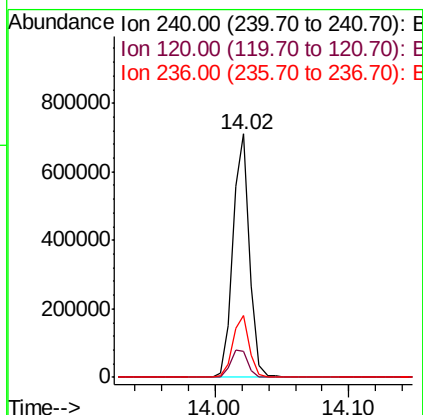
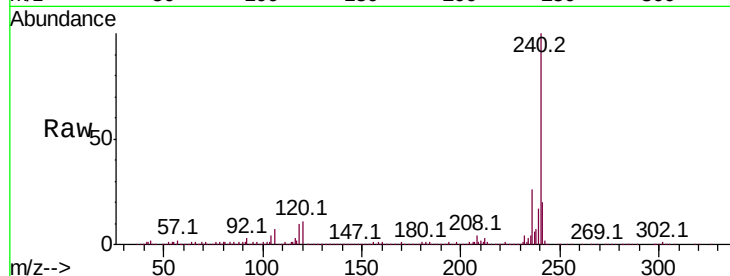




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF112117.D
 Acq: 18 Jan 2019 10:37

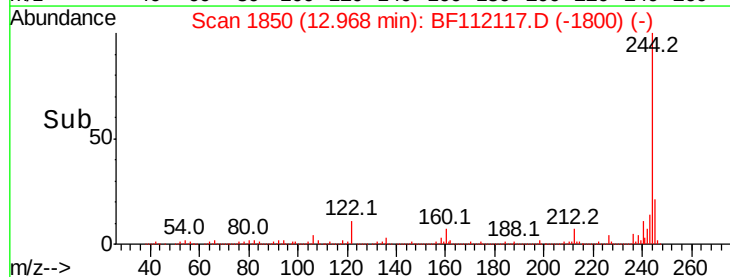
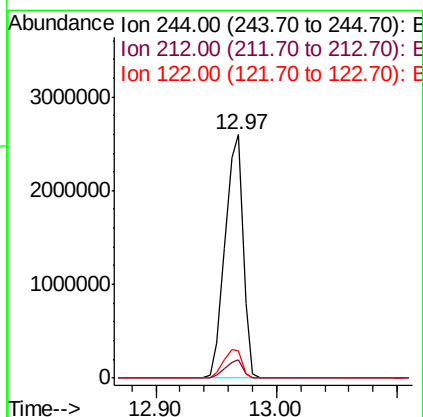
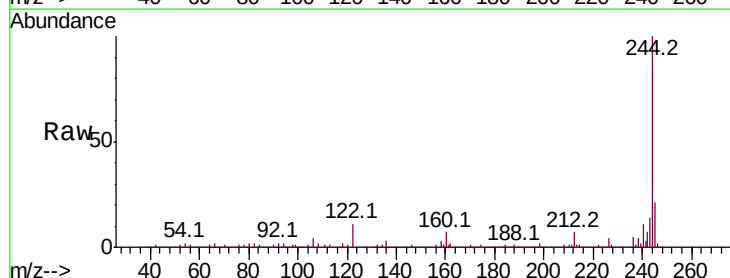
Instrument :
 BNA_F
 ClientSampleId :
 MW-103

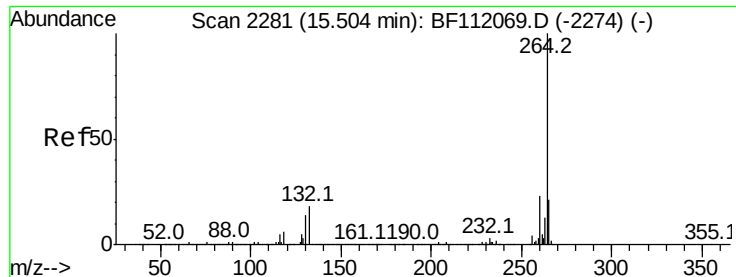
Tot Ion:240 Resp: 618742
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.0 13.6
 236 25.5 20.7 31.1



#79
 Terphenyl-d14
 Concen: 92.607 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF112117.D
 Acq: 18 Jan 2019 10:37

Tgt Ion:244 Resp: 2693462
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 11.1 9.8 14.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF112117.D

Acq: 18 Jan 2019 10:37

Instrument :

BNA_F

ClientSampleId :

MW-103

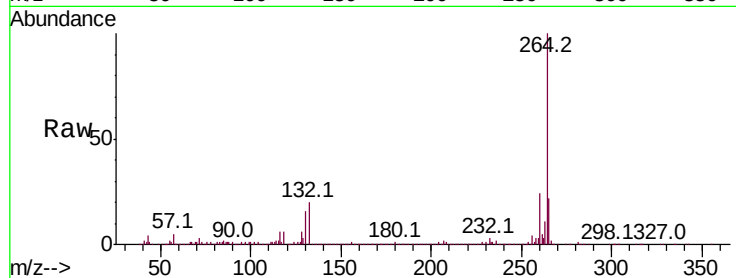
Tot Ion: 264 Resp: 665124

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.2

265 21.9 17.0 25.4



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

