

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
 Data File : BF114893.D
 Acq On : 7 Jun 2019 12:28
 Operator : HP/JU
 Sample : K3182-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: Jun 08 05:38:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	251558	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	938017	20.00	ng	-0.01
39) Acenaphthene-d10	9.69	164	458462	20.00	ng	-0.01
64) Phenanthrene-d10	11.16	188	895557	20.00	ng	-0.01
76) Chrysene-d12	13.78	240	647413	20.00	ng	-0.01
87) Perylene-d12	15.18	264	643623	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	661808	45.97	ng	0.00
7) Phenol-d6	6.29	99	496987	28.37	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1426677	93.63	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	456796	92.46	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	2432330	99.38	ng	-0.01
79) Terphenyl-d14	12.74	244	2639080	79.28	ng	-0.01

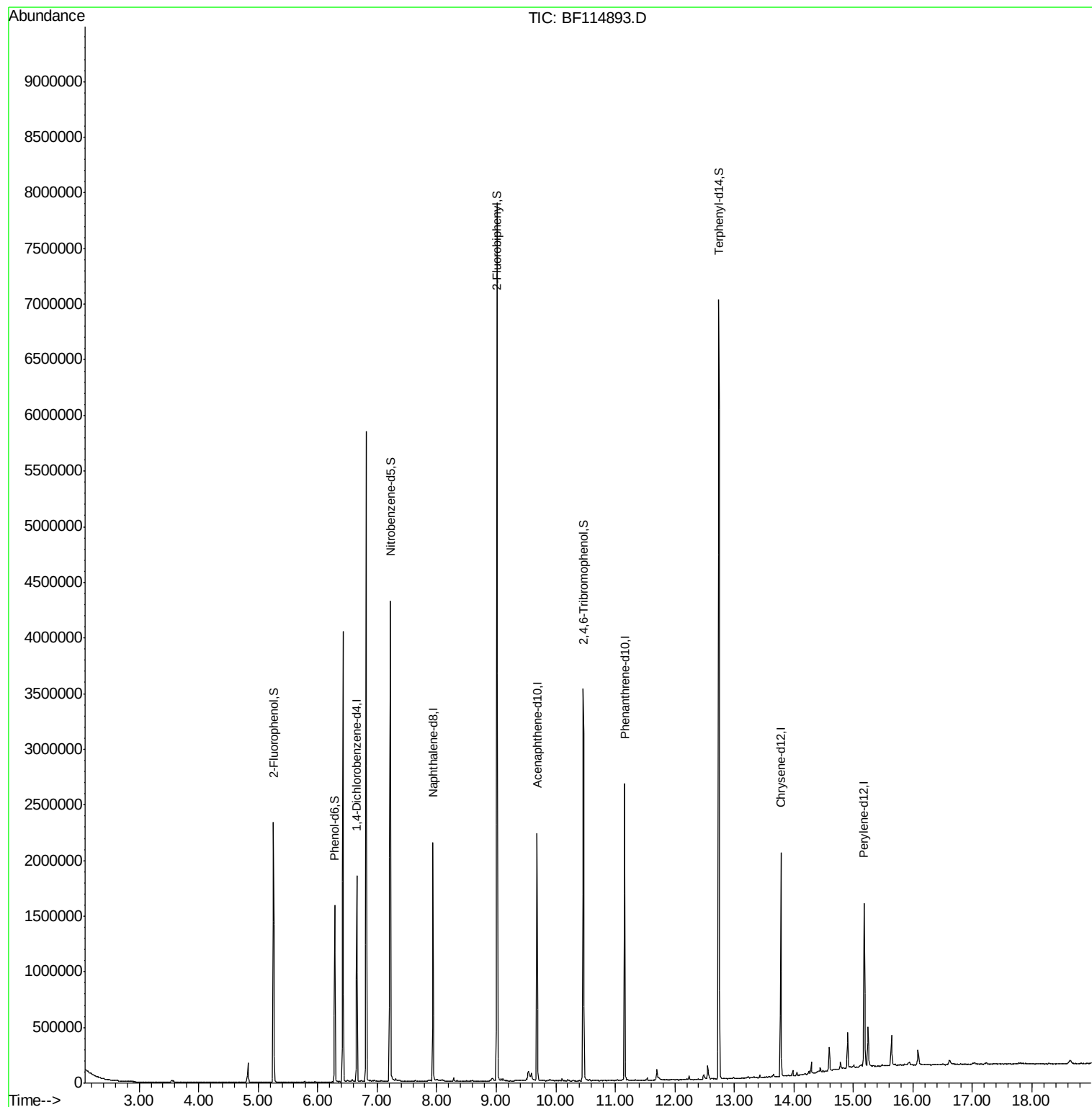
Target Compounds Qvalue

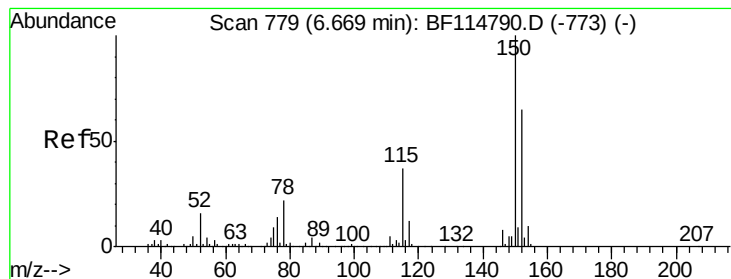
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF114893.D

Acq: 7 Jun 2019 12:28

Instrument :

BNA_F

ClientSampleId :

MW-10

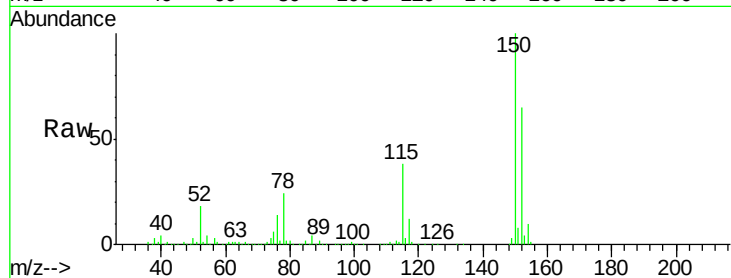
Tot Ion:152 Resp: 251558

Ion Ratio Lower Upper

152 100

150 154.1 124.0 186.0

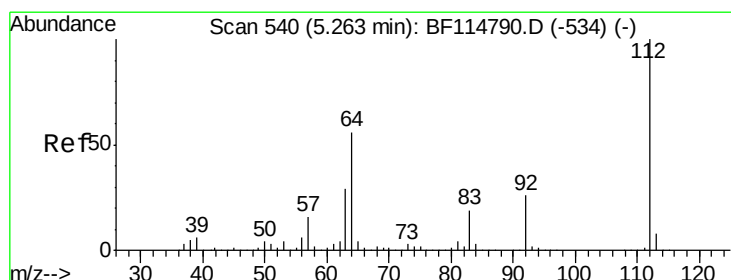
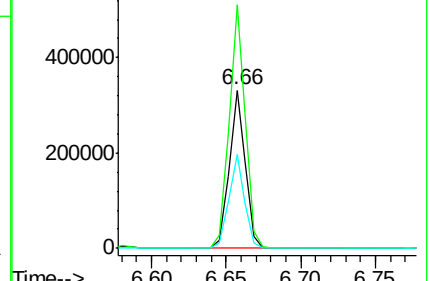
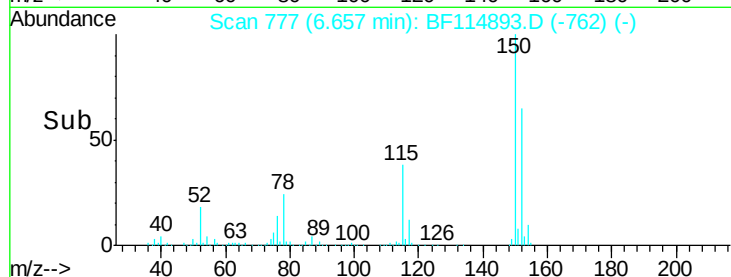
115 59.2 46.3 69.5



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: 45.970 ng

RT: 5.26 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF114893.D

Acq: 7 Jun 2019 12:28

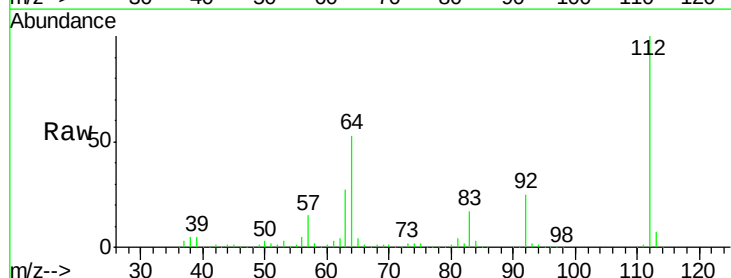
Tgt Ion:112 Resp: 661808

Ion Ratio Lower Upper

112 100

64 53.1 44.6 66.8

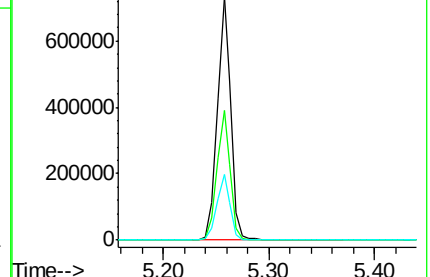
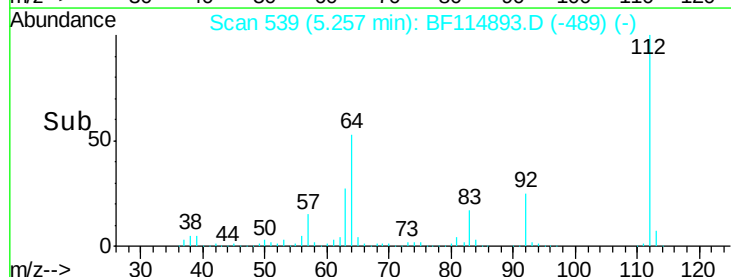
63 26.9 23.0 34.4

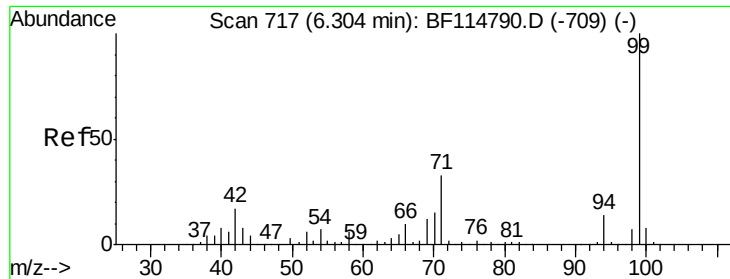


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 28.371 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF114893.D

Acq: 7 Jun 2019 12:28

Instrument :

BNA_F

ClientSampleId :

MW-10

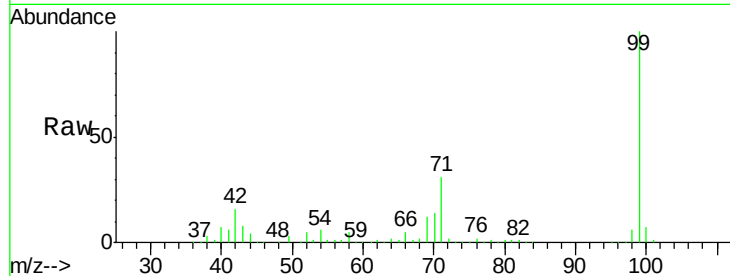
Tot Ion: 99 Resp: 496987

Ion Ratio Lower Upper

99 100

42 16.1 13.3 19.9

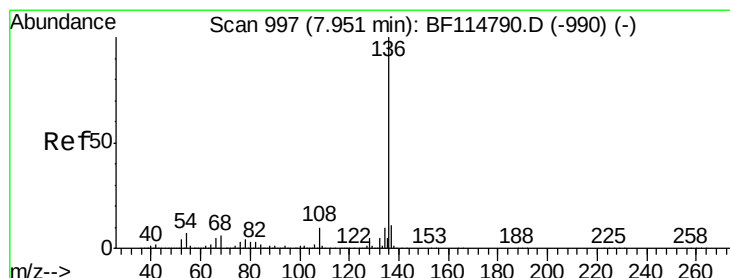
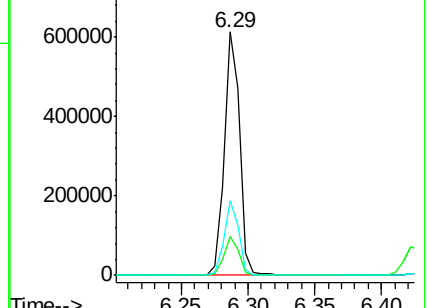
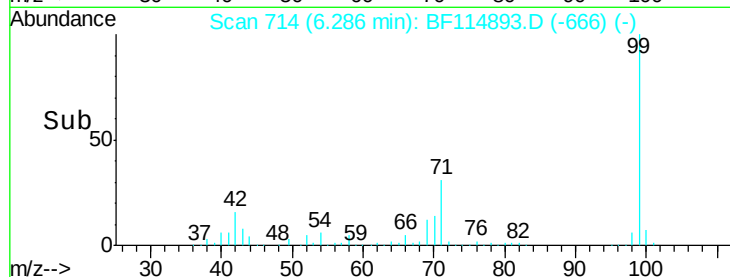
71 30.6 26.3 39.5



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: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF114893.D

Acq: 7 Jun 2019 12:28

Tgt Ion: 136 Resp: 938017

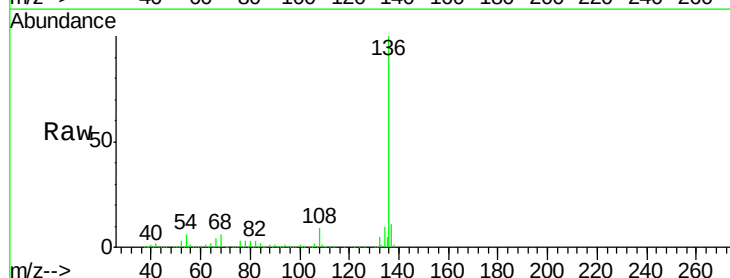
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.0 5.4 8.0

68 5.7 4.6 6.8

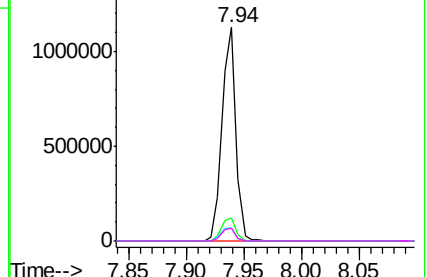
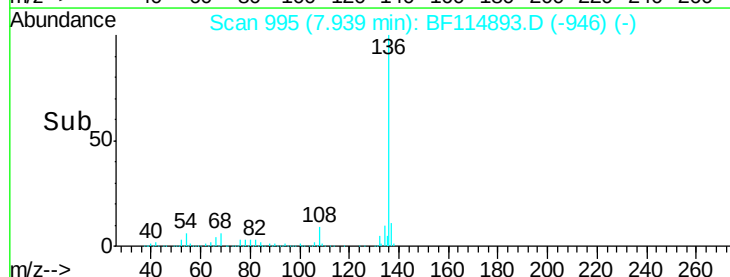


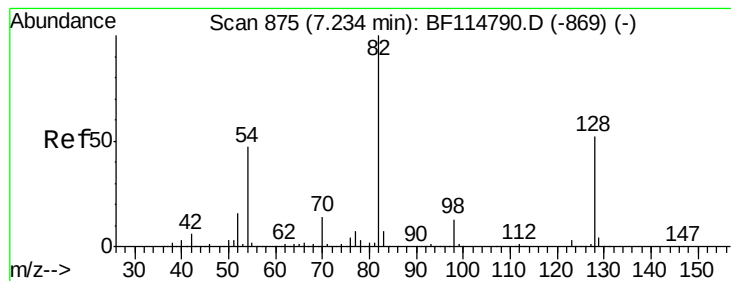
Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.627 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF114893.D

Acq: 7 Jun 2019 12:28

Instrument :

BNA_F

ClientSampled :

MW-10

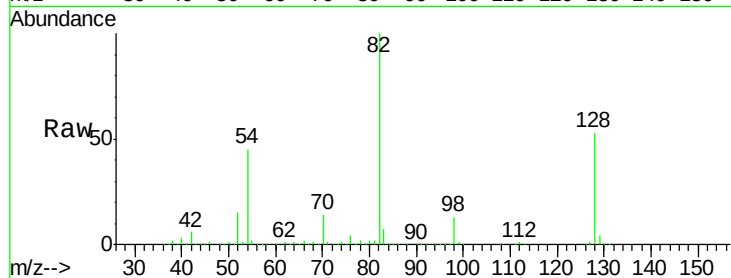
Tot Ion: 82 Resp: 1426677

Ion Ratio Lower Upper

82 100

128 52.7 41.8 62.6

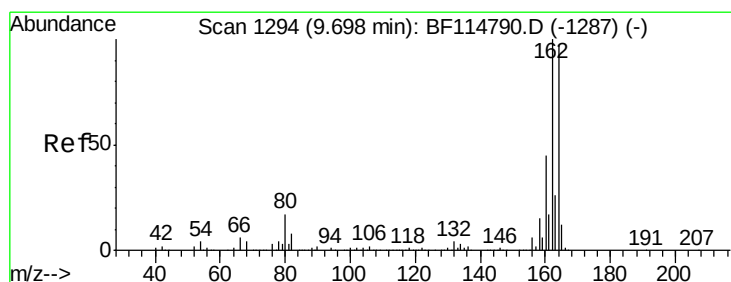
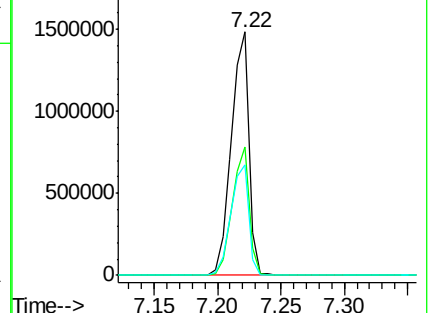
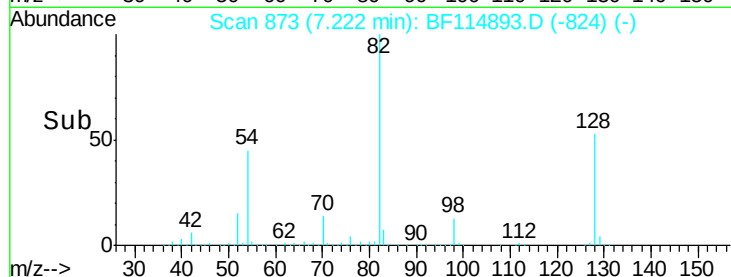
54 45.4 37.9 56.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF114893.D

Acq: 7 Jun 2019 12:28

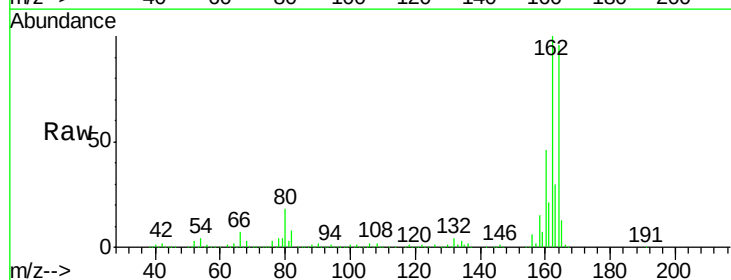
Tgt Ion: 164 Resp: 458462

Ion Ratio Lower Upper

164 100

162 103.9 82.3 123.5

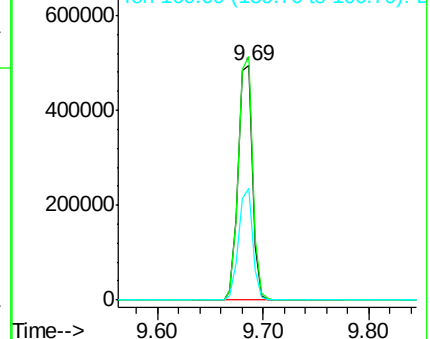
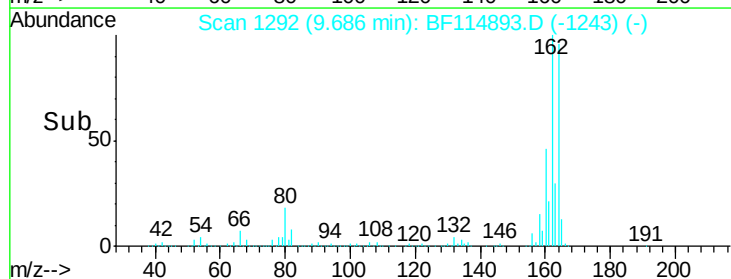
160 47.5 36.7 55.1

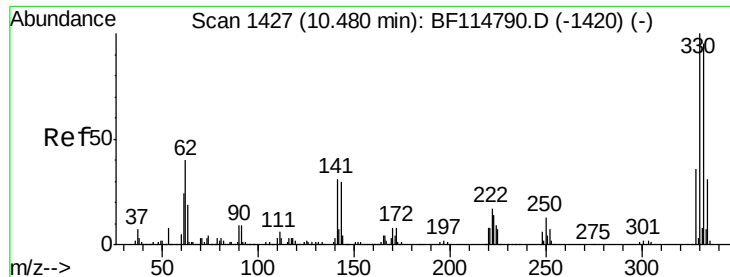


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 92.457 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF114893.D

Acq: 7 Jun 2019 12:28

Instrument :

BNA_F

ClientSampleId :

MW-10

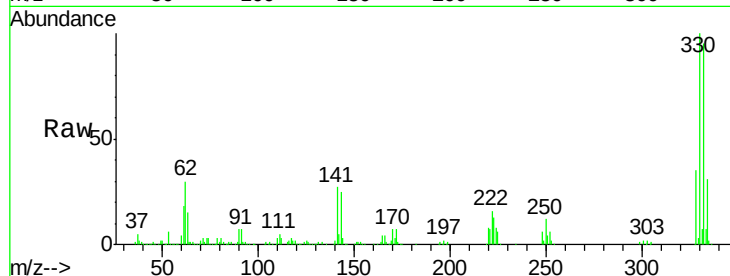
Tot Ion:330 Resp: 456796

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

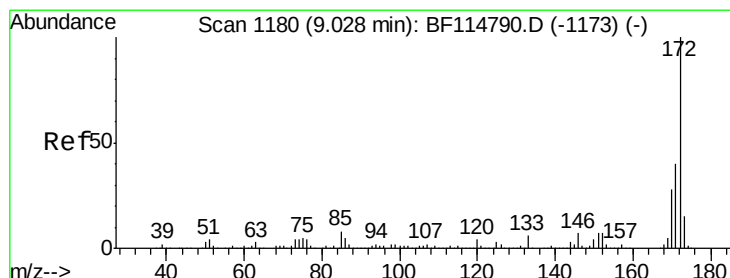
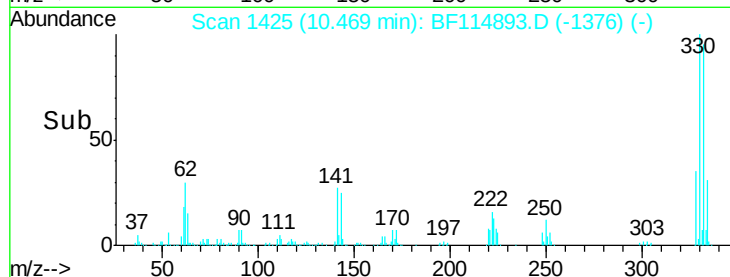
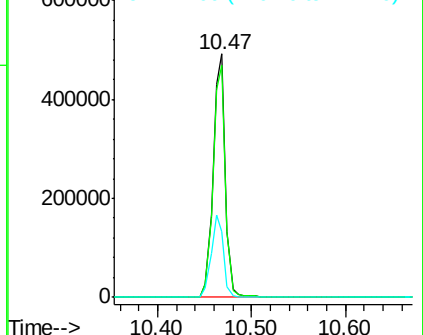
141 34.0 26.2 39.4



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: 99.385 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF114893.D

Acq: 7 Jun 2019 12:28

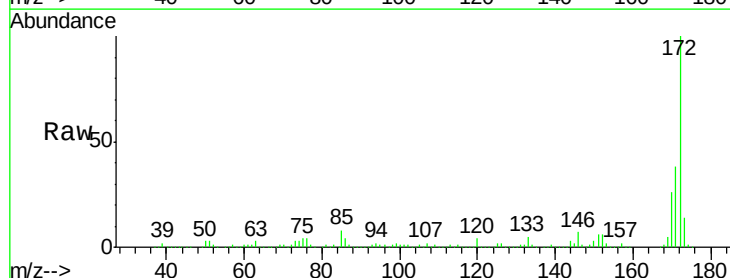
Tgt Ion:172 Resp: 2432330

Ion Ratio Lower Upper

172 100

171 38.2 32.3 48.5

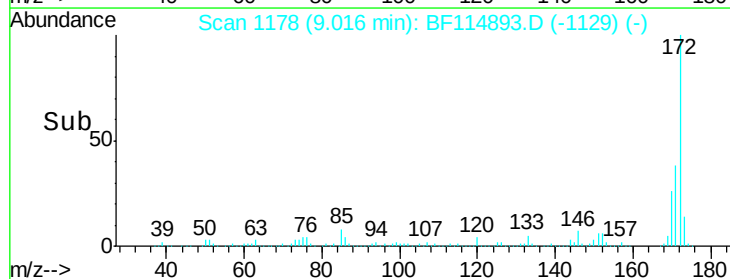
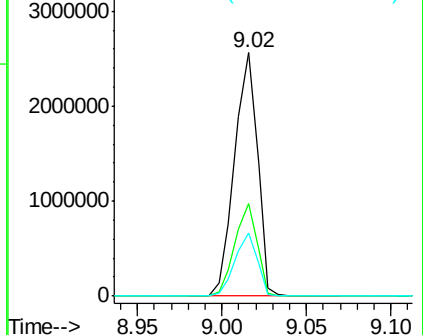
170 26.2 22.4 33.6

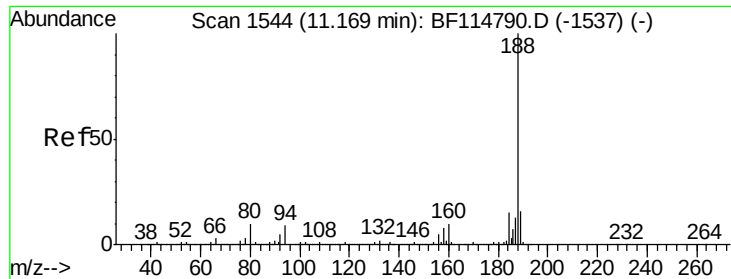


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.16 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BF114893.D

Acq: 7 Jun 2019 12:28

Instrument :

BNA_F

ClientSampleId :

MW-10

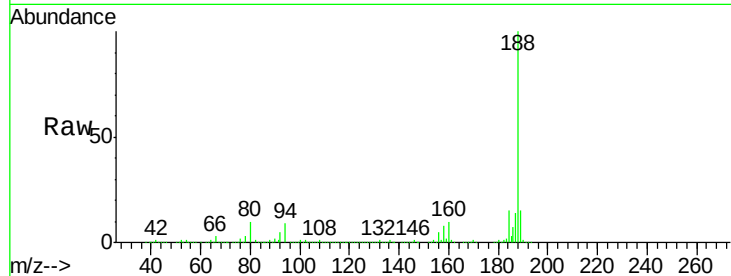
Tot Ion:188 Resp: 895557

Ion Ratio Lower Upper

188 100

94 9.5 7.6 11.4

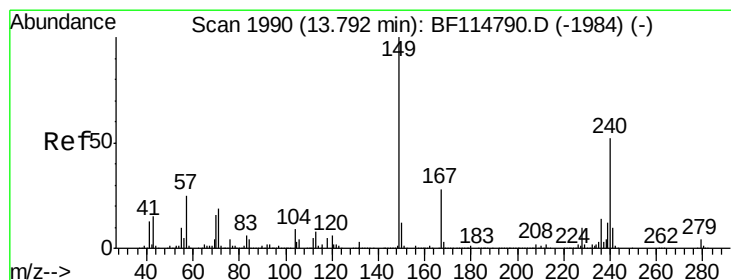
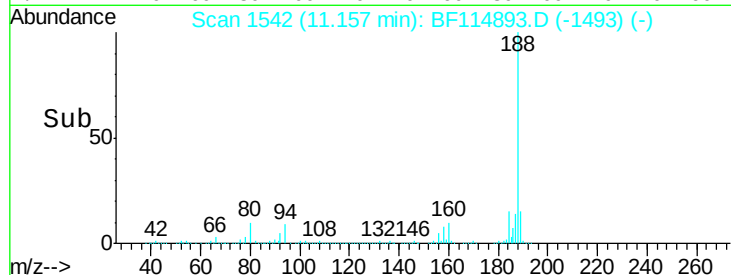
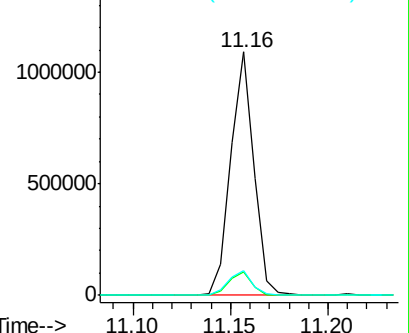
80 10.1 8.3 12.5



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: 13.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF114893.D

Acq: 7 Jun 2019 12:28

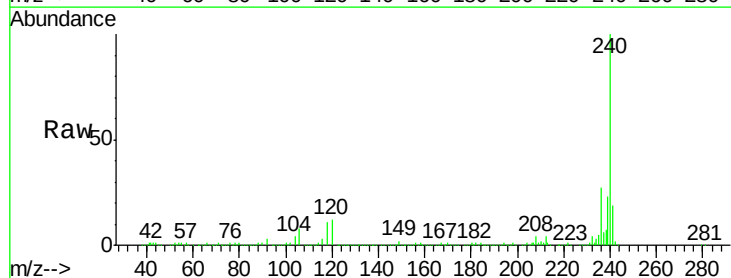
Tgt Ion:240 Resp: 647413

Ion Ratio Lower Upper

240 100

120 11.6 9.0 13.4

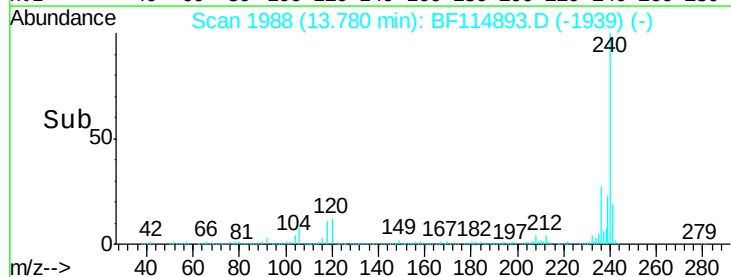
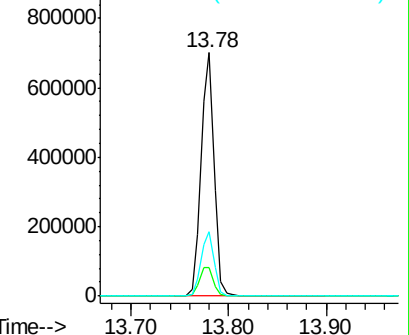
236 26.7 21.4 32.0

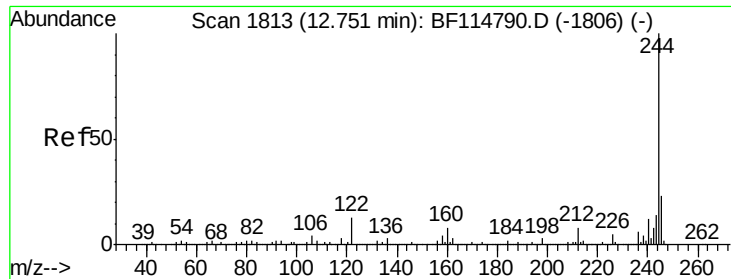


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

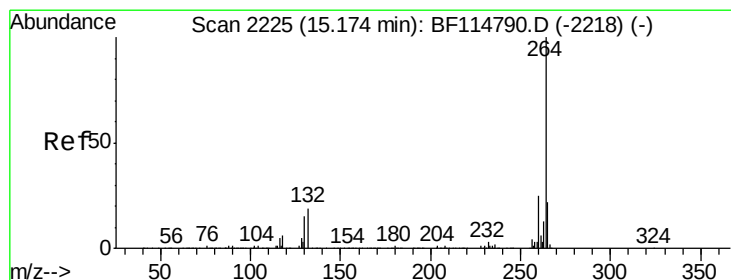
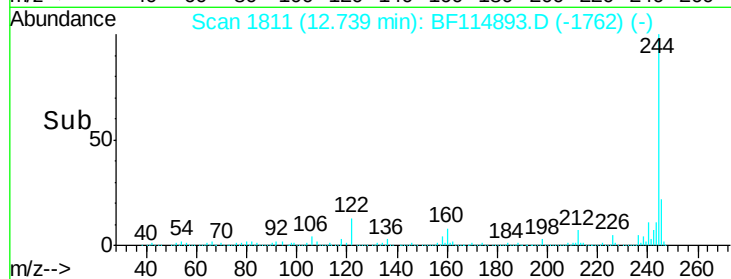
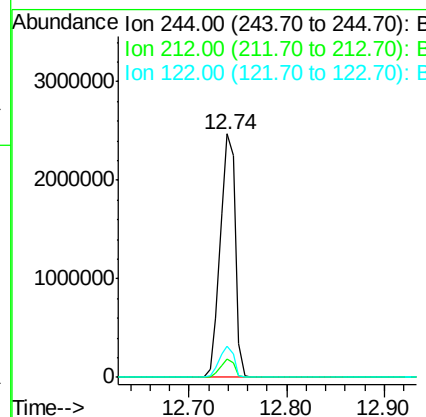
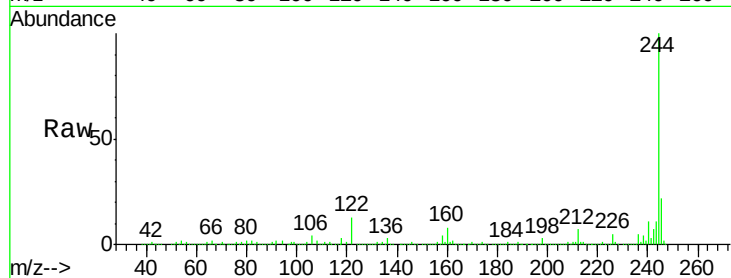




#79
 Terphenyl-d14
 Concen: 79.275 ng
 RT: 12.74 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BF114893.D
 Acq: 7 Jun 2019 12:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Tot Ion:244 Resp: 2639080
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 13.0 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.18 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: BF114893.D
 Acq: 7 Jun 2019 12:28

Tgt Ion:264 Resp: 643623
 Ion Ratio Lower Upper
 264 100
 260 23.6 20.1 30.1
 265 21.6 17.7 26.5

