

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
 Data File : BF092127.D
 Acq On : 6 Jan 2017 19:59
 Operator : UM/SJ
 Sample : I1045-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P3-SP1

Quant Time: Jan 06 23:20:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

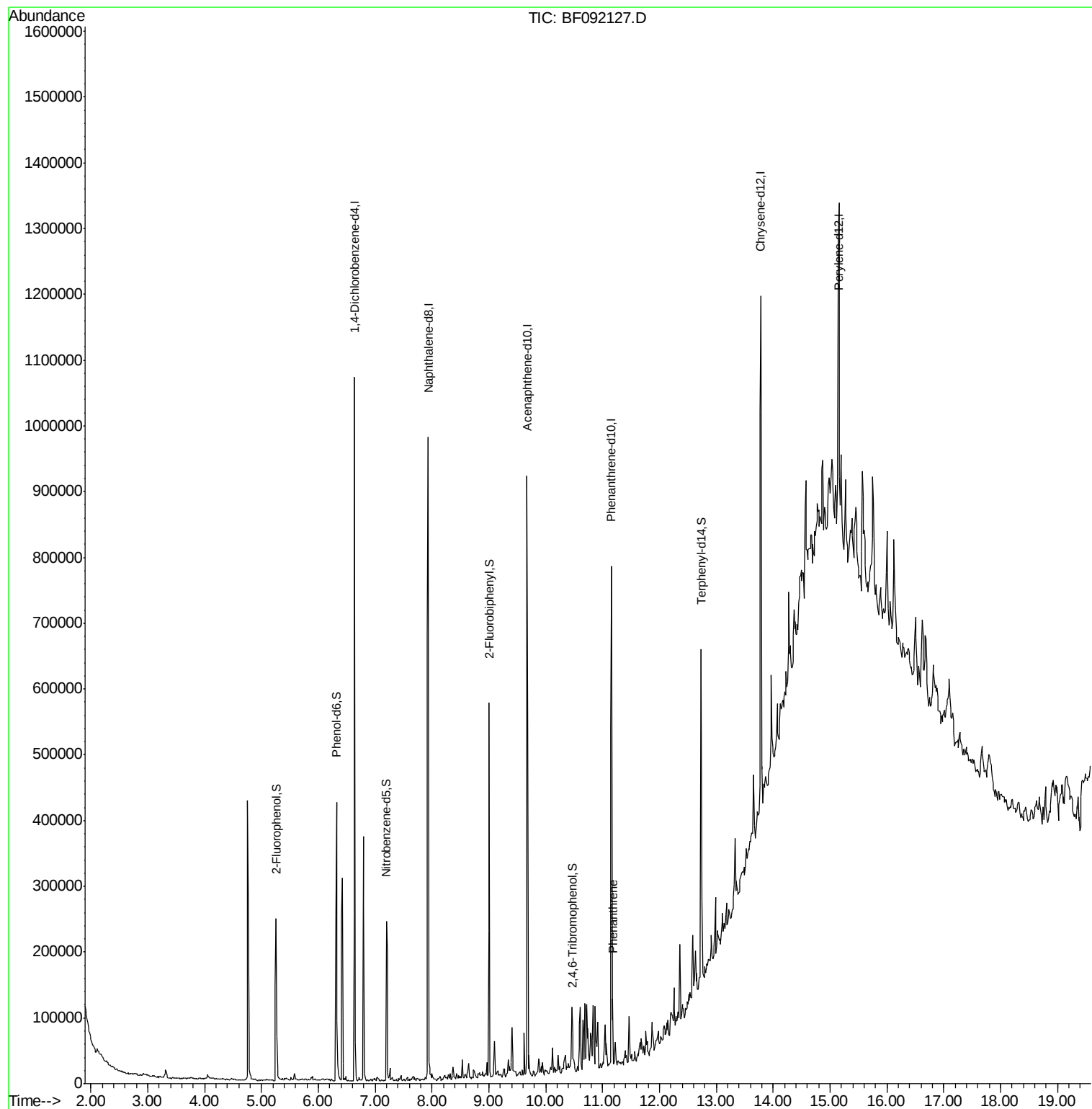
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	159216	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	579223	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	239029	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	359349	20.00	ng	0.00
75) Chrysene-d12	13.79	240	353047	20.00	ng	0.00
86) Perylene-d12	15.16	264	298116	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	101074	10.60	ng	0.02
7) Phenol-d6	6.32	99	198466	17.05	ng	0.01
23) Nitrobenzene-d5	7.20	82	110229	10.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	11080	5.60	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	194790	4.48	ng	0.00
78) Terphenyl-d14	12.73	244	154458	10.61	ng	-0.01
Target Compounds						Qvalue
70) Phenanthrene	11.18	178	44367	2.28	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF092127.D

Acq: 6 Jan 2017 19:59

Instrument :

BNA_F

ClientSampleId :

P3-SP1

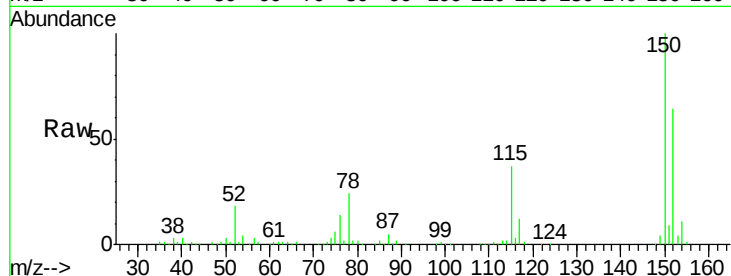
Tot Ion:152 Resp: 159216

Ion Ratio Lower Upper

152 100

150 157.4 124.9 187.3

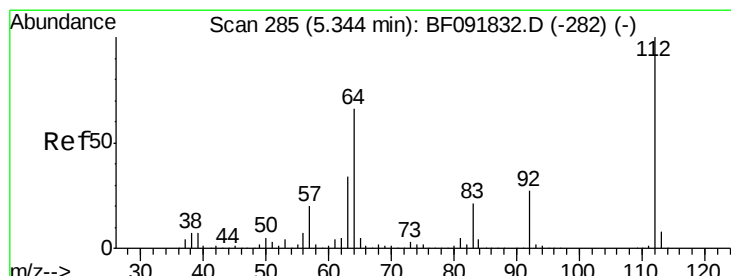
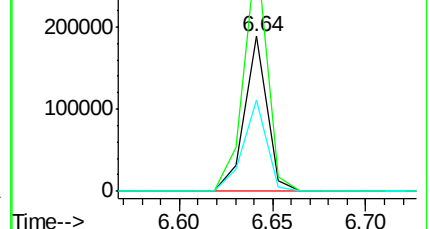
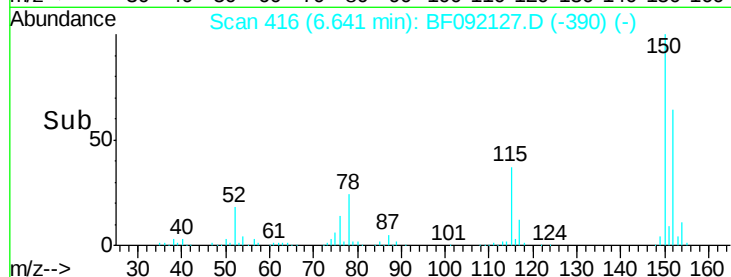
115 59.0 46.0 69.0



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: 10.60 ng

RT: 5.26 min Scan# 295

Delta R.T. 0.02 min

Lab File: BF092127.D

Acq: 6 Jan 2017 19:59

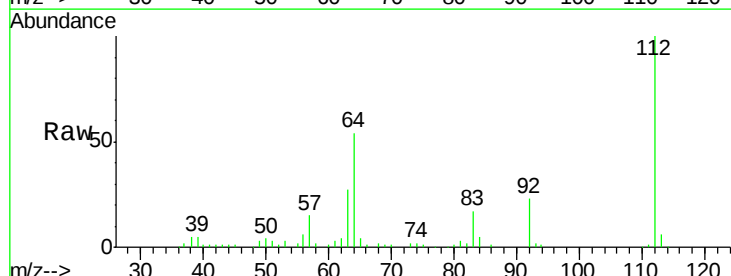
Tgt Ion:112 Resp: 101074

Ion Ratio Lower Upper

112 100

64 53.9 46.1 69.1

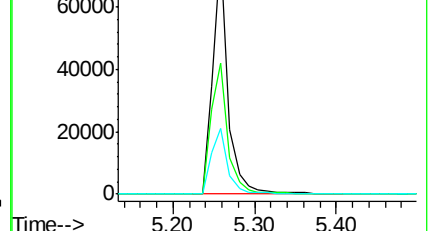
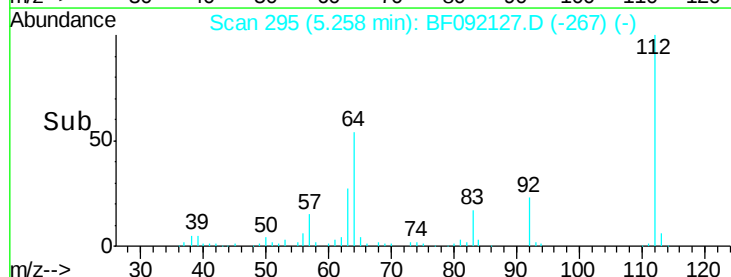
63 26.7 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 17.05 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF092127.D

Acq: 6 Jan 2017 19:59

Instrument :

BNA_F

ClientSampleId :

P3-SP1

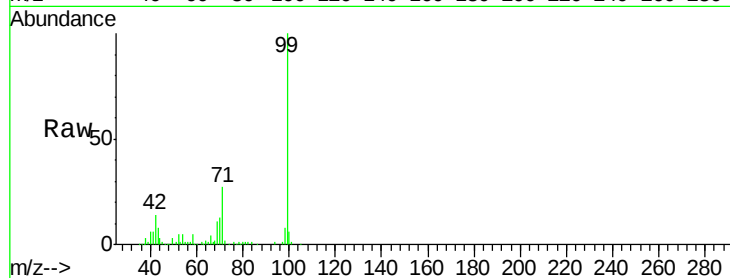
Tot Ion: 99 Resp: 198466

Ion Ratio Lower Upper

99 100

42 14.5 15.6 23.4#

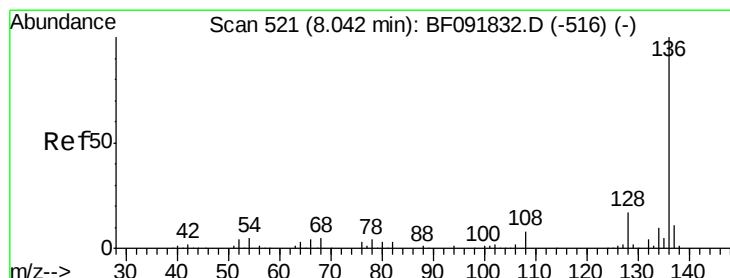
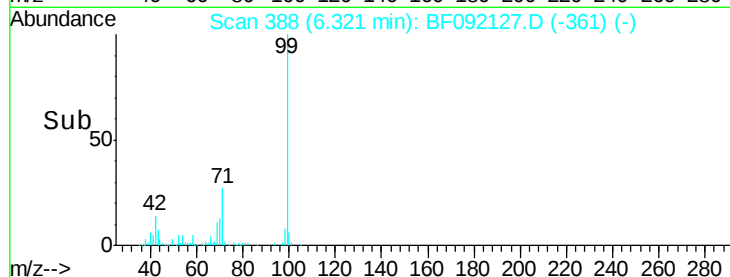
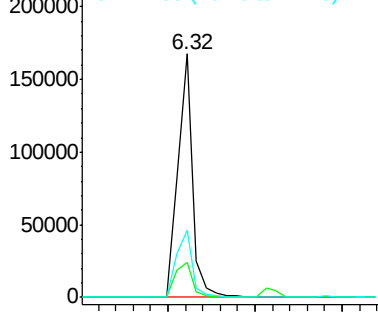
71 27.3 27.5 41.3#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF092127.D

Acq: 6 Jan 2017 19:59

Tgt Ion: 136 Resp: 579223

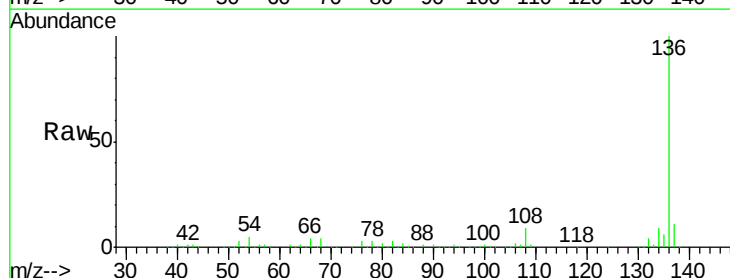
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 5.2 4.5 6.7

68 4.4 3.6 5.4

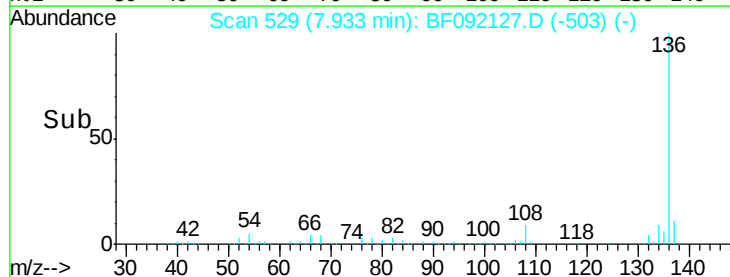
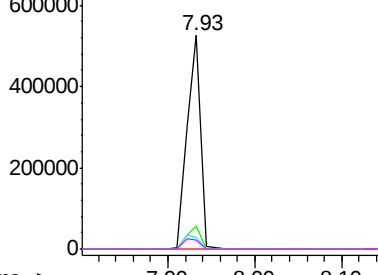


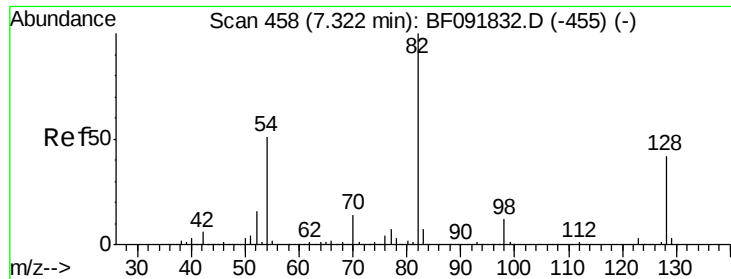
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

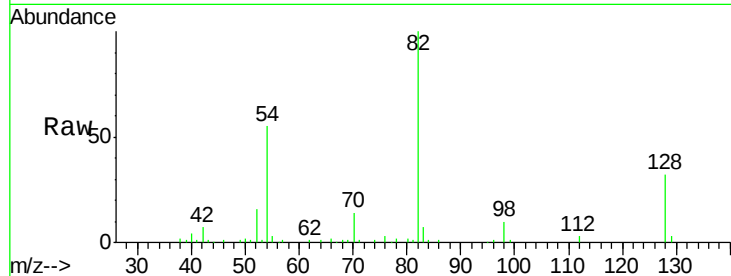




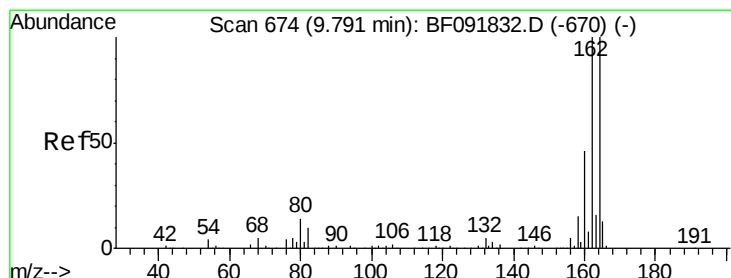
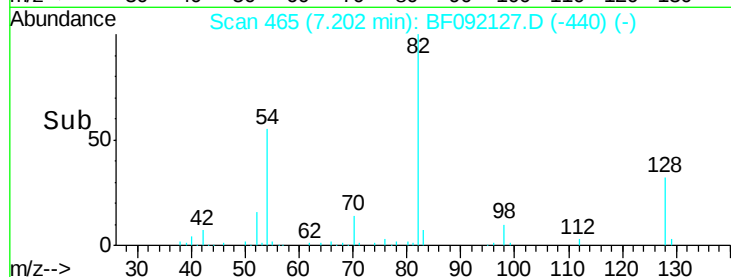
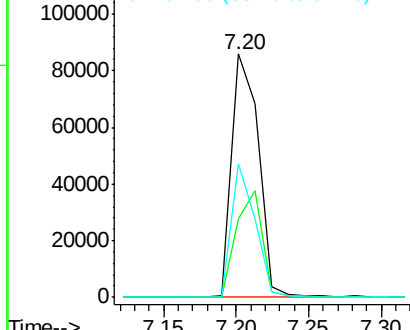
#23
 Nitrobenzene-d5
 Concen: 10.58 ng
 RT: 7.20 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF092127.D
 Acq: 6 Jan 2017 19:59

Instrument :
 BNA_F
 ClientSampleID :
 P3-SP1

Tot Ion: 82 Resp: 110229
 Ion Ratio Lower Upper
 82 100
 128 32.0 34.6 52.0#
 54 55.1 39.5 59.3

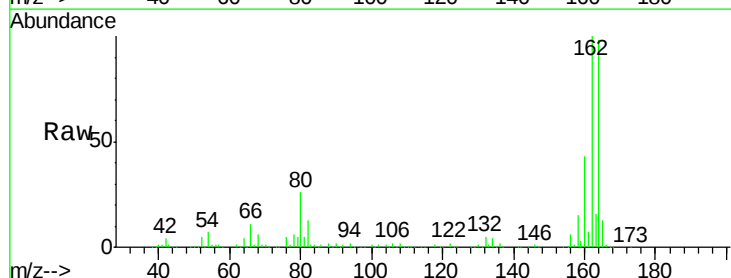


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

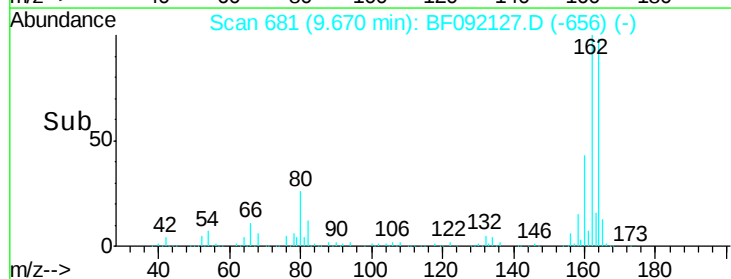
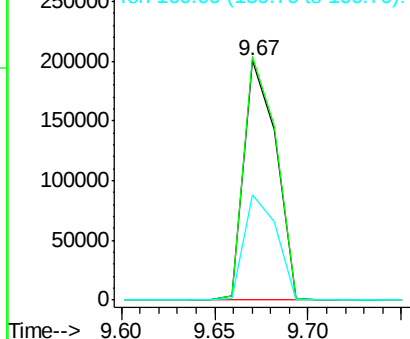


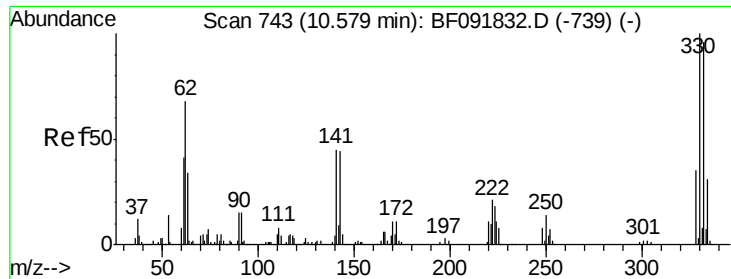
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF092127.D
 Acq: 6 Jan 2017 19:59

Tgt Ion:164 Resp: 239029
 Ion Ratio Lower Upper
 164 100
 162 101.6 80.2 120.2
 160 44.0 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

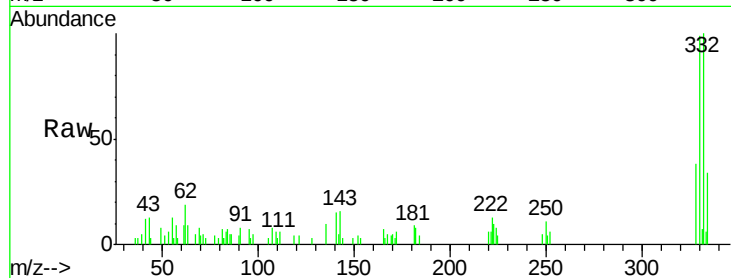




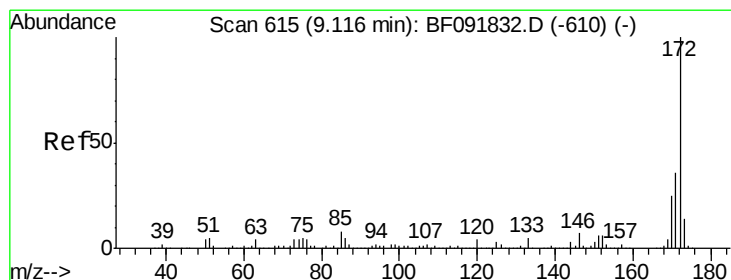
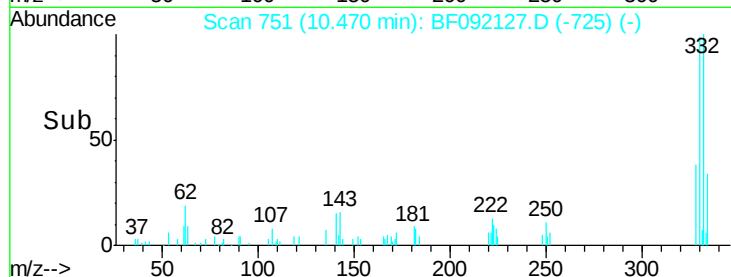
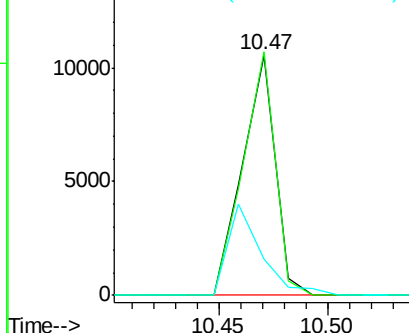
#41
 2,4,6-Tribromophenol
 Concen: 5.60 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092127.D
 Acq: 6 Jan 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 P3-SP1

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.3	77.4	116.2
141	38.8	34.1	51.1

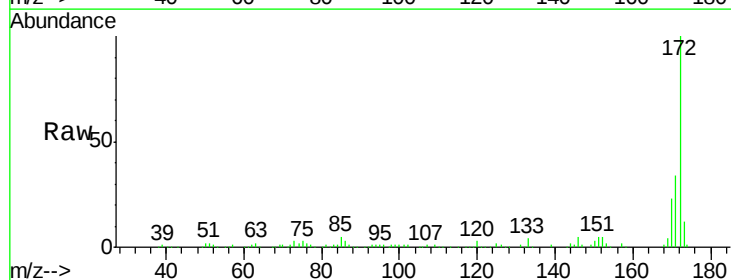


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

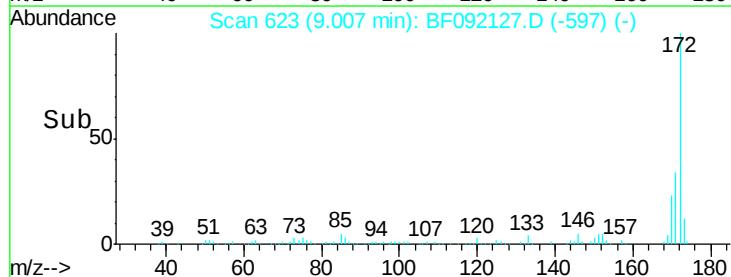
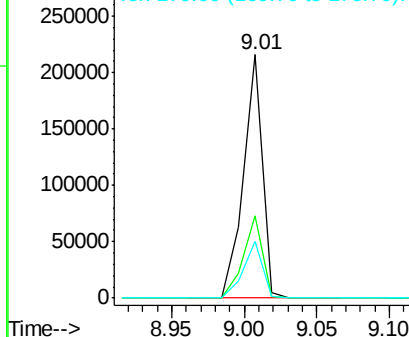


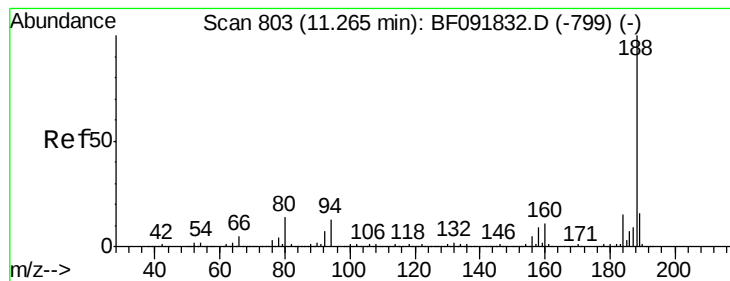
#44
 2-Fluorobiphenyl
 Concen: 4.48 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092127.D
 Acq: 6 Jan 2017 19:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.4	44.0
170	23.4	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF092127.D

Acq: 6 Jan 2017 19:59

Instrument :

BNA_F

ClientSampleId :

P3-SP1

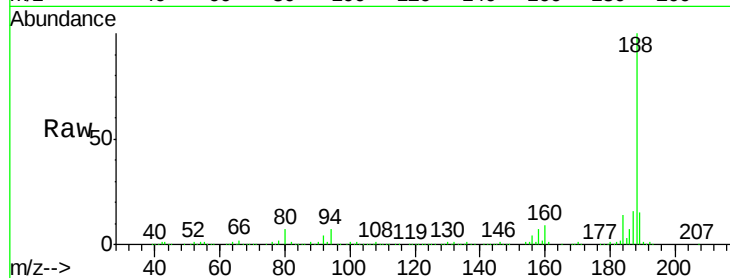
Tot Ion:188 Resp: 359349

Ion Ratio Lower Upper

188 100

94 6.9 10.0 15.0#

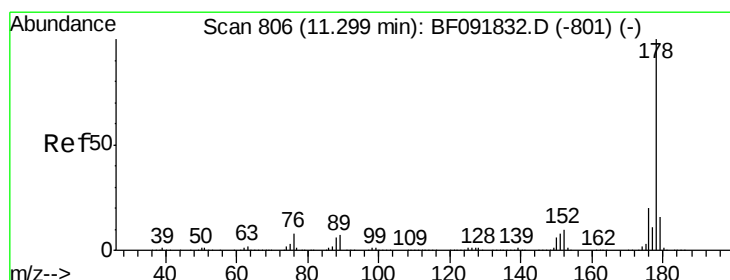
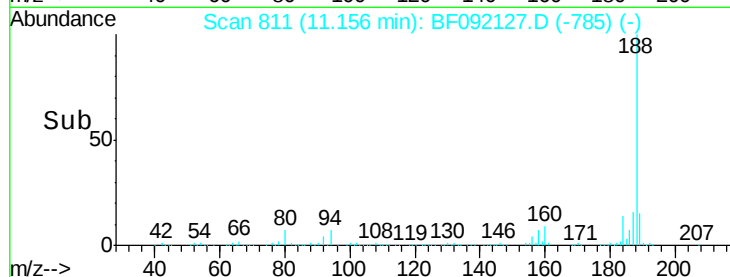
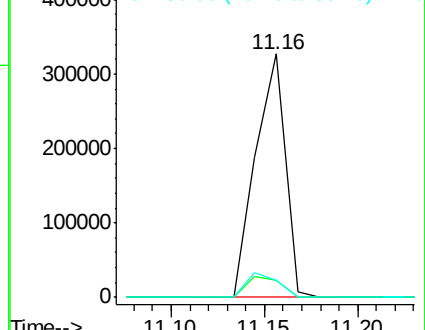
80 6.8 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 2.28 ng

RT: 11.18 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF092127.D

Acq: 6 Jan 2017 19:59

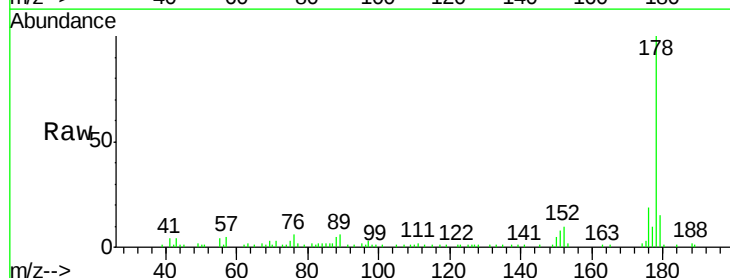
Tgt Ion:178 Resp: 44367

Ion Ratio Lower Upper

178 100

176 18.7 16.6 25.0

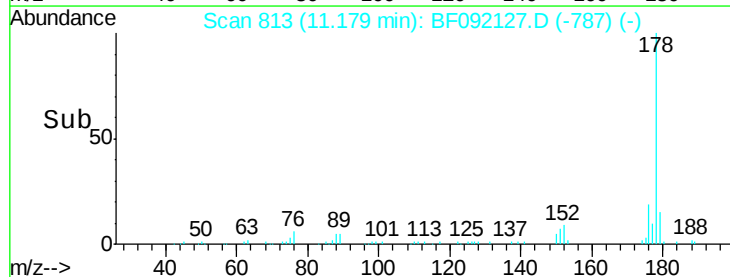
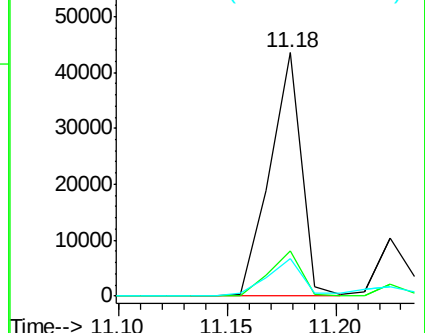
179 15.4 12.8 19.2

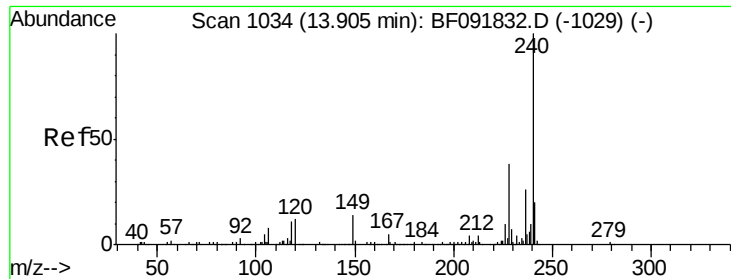


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092127.D

Acq: 6 Jan 2017 19:59

Instrument :

BNA_F

ClientSampleId :

P3-SP1

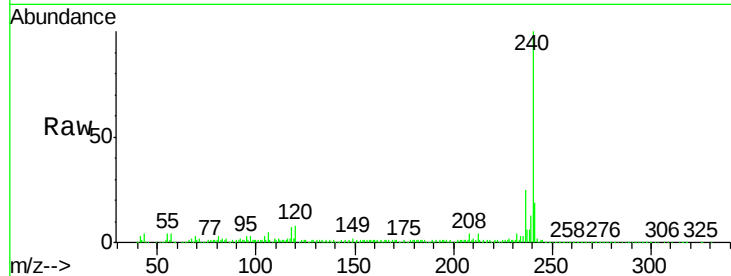
Tot Ion:240 Resp: 353047

Ion Ratio Lower Upper

240 100

120 8.3 12.9 19.3#

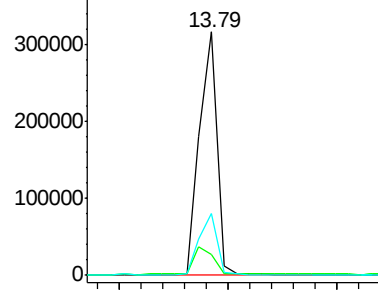
236 25.4 20.9 31.3



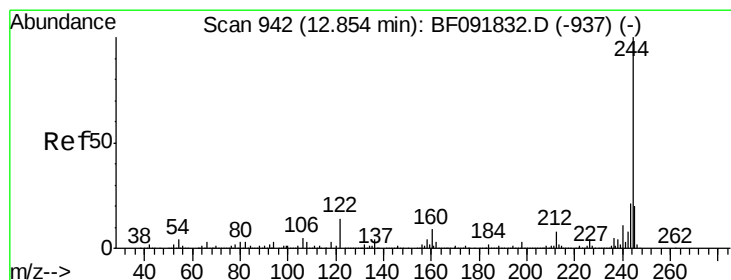
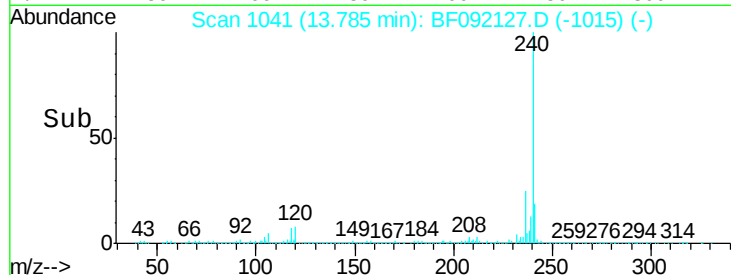
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.70 13.80 13.90



#78

Terphenyl-d14

Concen: 10.61 ng

RT: 12.73 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF092127.D

Acq: 6 Jan 2017 19:59

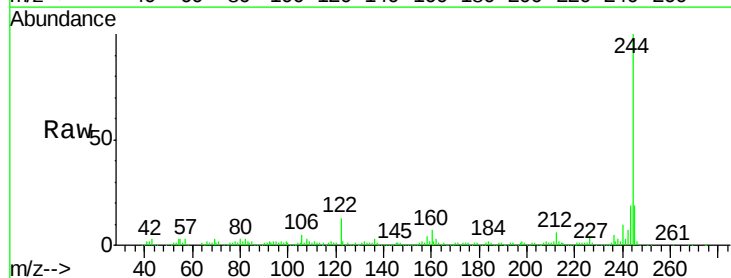
Tgt Ion:244 Resp: 154458

Ion Ratio Lower Upper

244 100

212 6.3 6.2 9.2

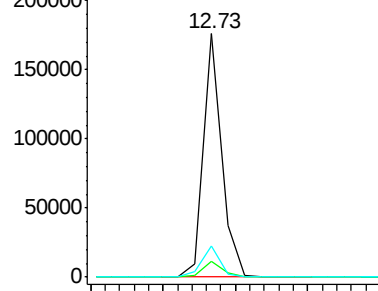
122 12.7 11.4 17.2



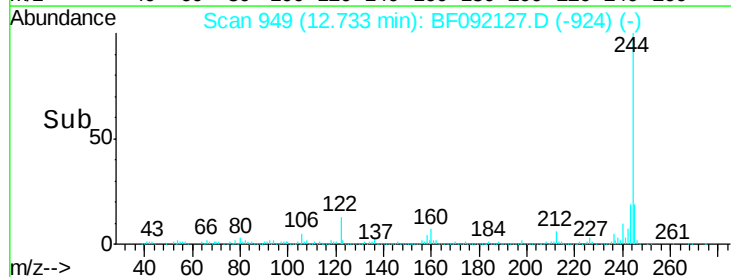
Abundance Ion 244.00 (243.70 to 244.70): E

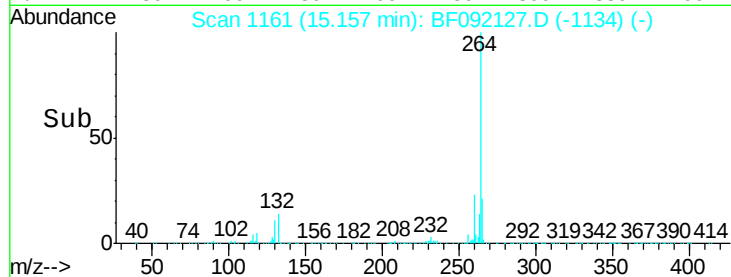
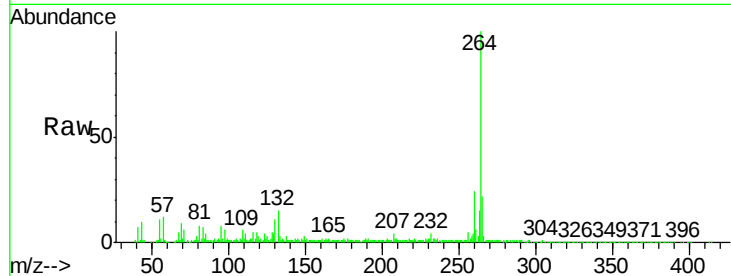
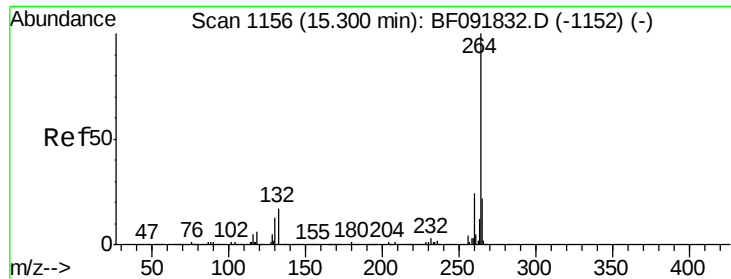
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.65 12.70 12.75 12.80





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.16 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: BF092127.D
 Acq: 6 Jan 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 P3-SP1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.3	17.4	26.0

