

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092495.D
 Acq On : 25 Jan 2017 23:47
 Operator : SJ/MA
 Sample : I1398-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-012017

Quant Time: Jan 26 11:01:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	164443	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	662398	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	348744	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	573428	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	508908	20.00	ng	-0.02
86) Perylene-d12	15.63	264	400443	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	700622	66.29	ng	0.01
7) Phenol-d6	6.58	99	539454	40.07	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1070709	88.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	360371	151.64	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1728918	91.67	ng	-0.01
78) Terphenyl-d14	13.11	244	1573635	82.34	ng	-0.01

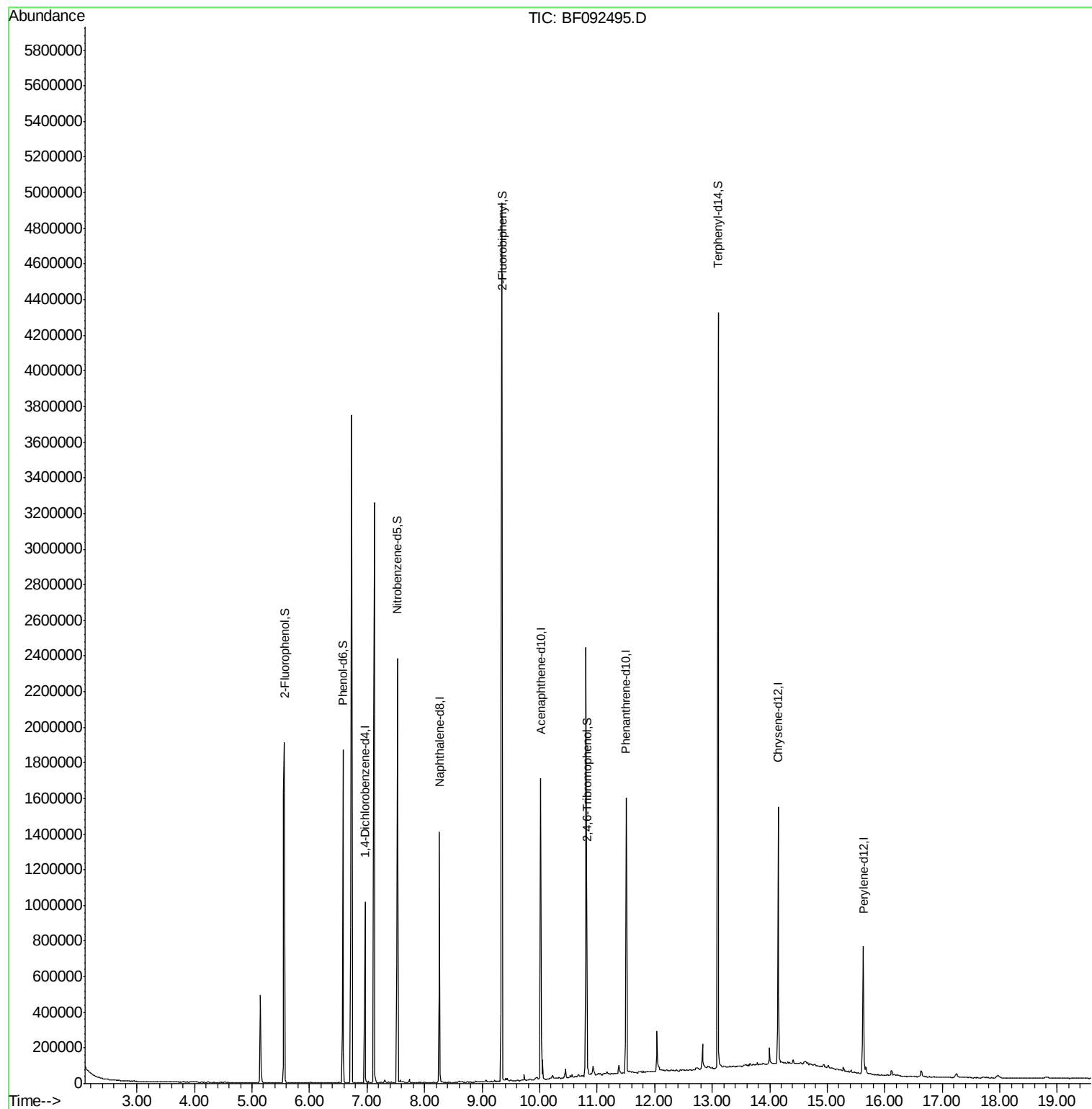
Target Compounds Qvalue

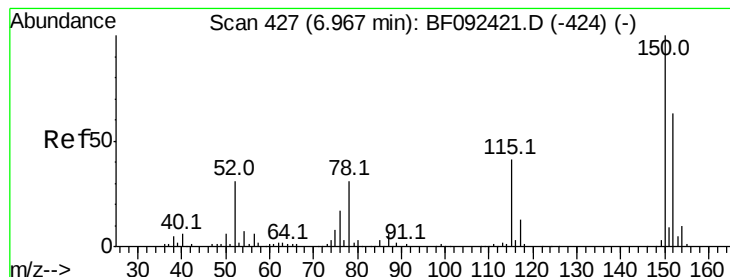
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF092495.D

Acq: 25 Jan 2017 23:47

Instrument :

BNA_F

ClientSampleId :

MW-1-012017

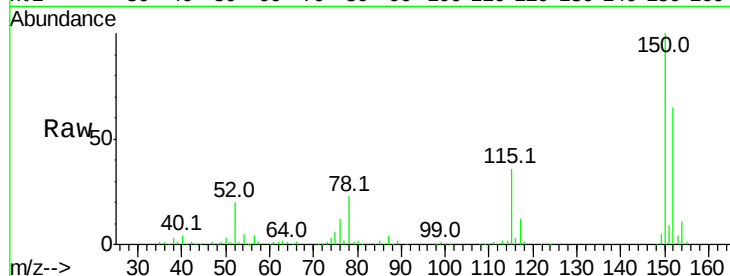
Tot Ion:152 Resp: 164443

Ion Ratio Lower Upper

152 100

150 154.0 124.9 187.3

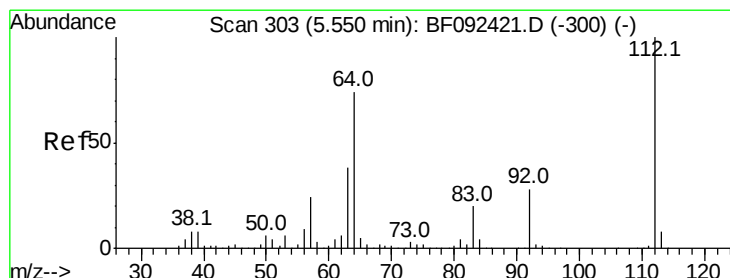
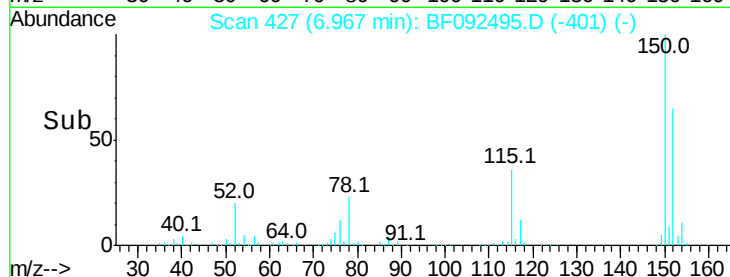
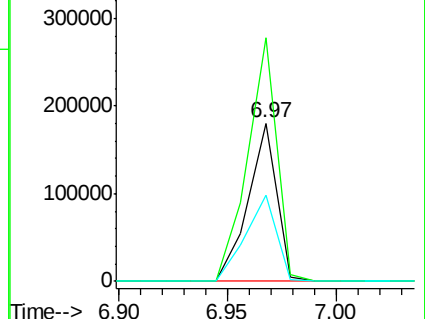
115 54.7 46.0 69.0



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: 66.29 ng

RT: 5.56 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF092495.D

Acq: 25 Jan 2017 23:47

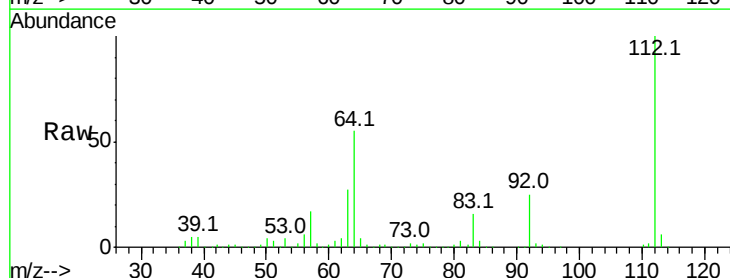
Tgt Ion:112 Resp: 700622

Ion Ratio Lower Upper

112 100

64 54.9 46.1 69.1

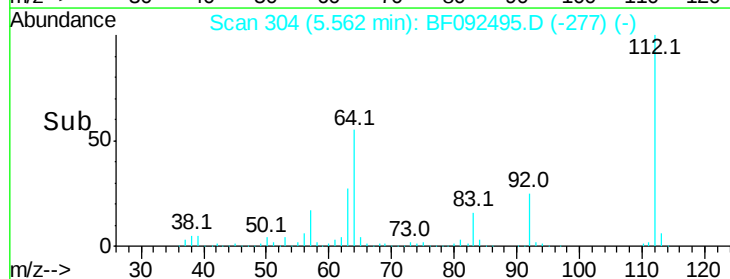
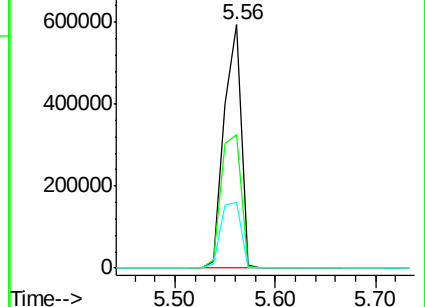
63 26.9 23.8 35.6

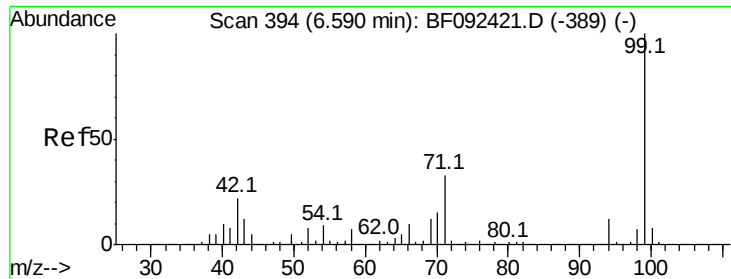


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.07 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092495.D

Acq: 25 Jan 2017 23:47

Instrument :

BNA_F

ClientSampleId :

MW-1-012017

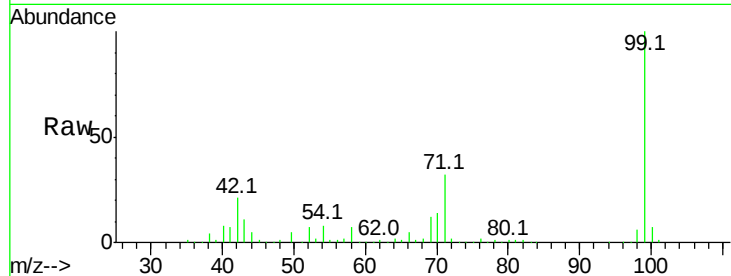
Tot Ion: 99 Resp: 539454

Ion Ratio Lower Upper

99 100

42 21.0 15.6 23.4

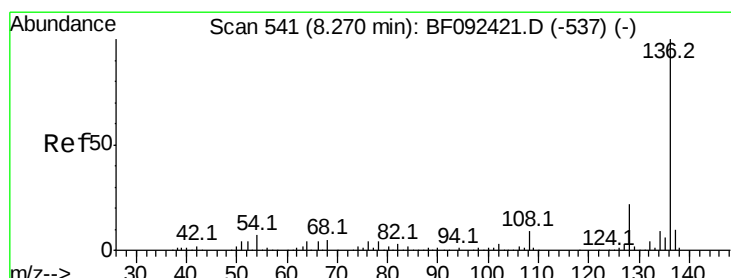
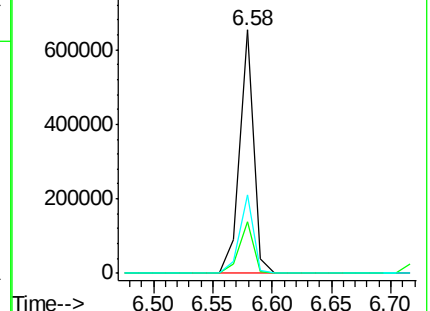
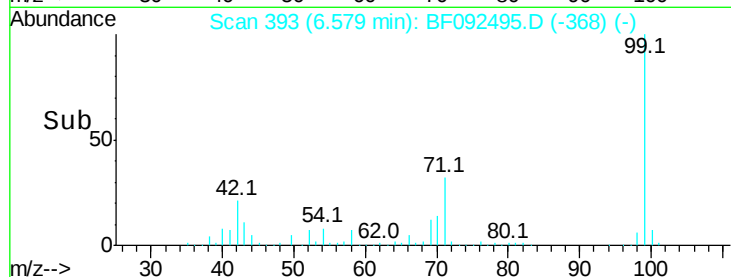
71 32.4 27.5 41.3



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: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092495.D

Acq: 25 Jan 2017 23:47

Tgt Ion: 136 Resp: 662398

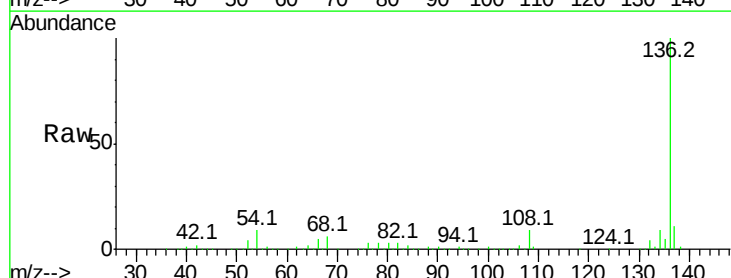
Ion Ratio Lower Upper

136 100

137 10.5 8.4 12.6

54 8.9 4.5 6.7#

68 6.2 3.6 5.4#

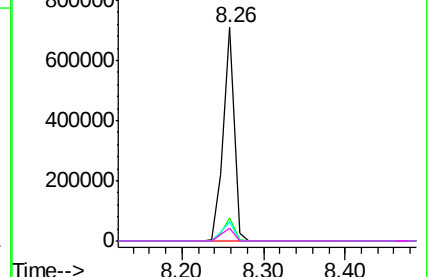
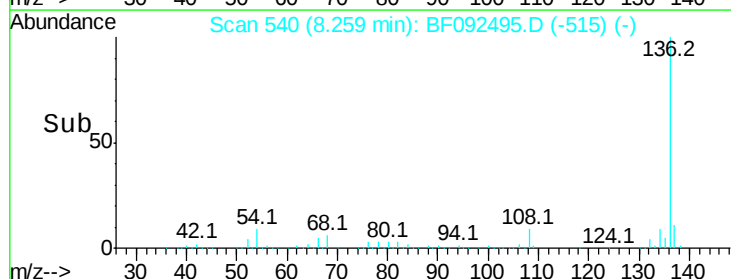


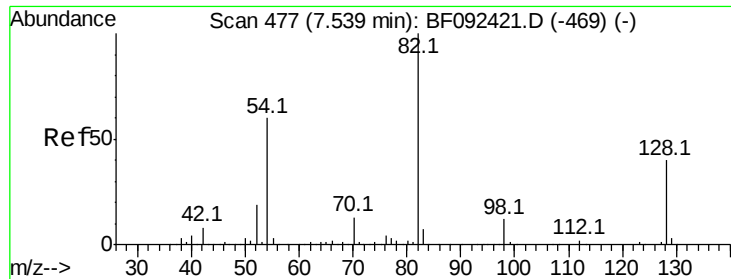
Abundance Ion 136.00 (135.70 to 136.70): E

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

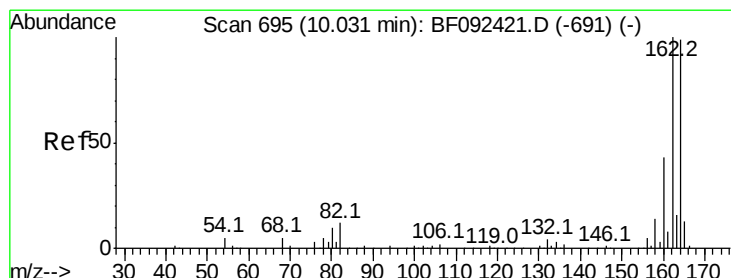
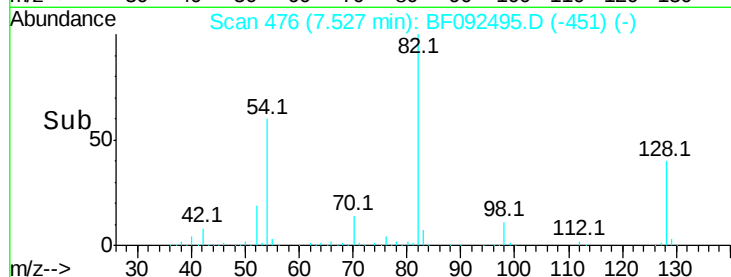
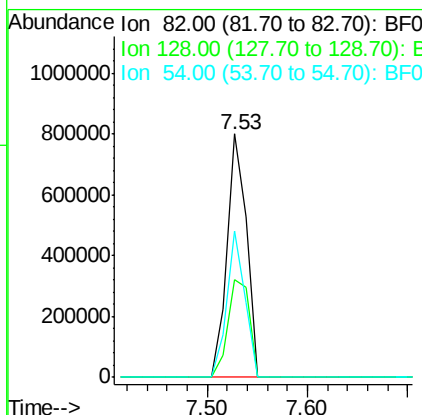
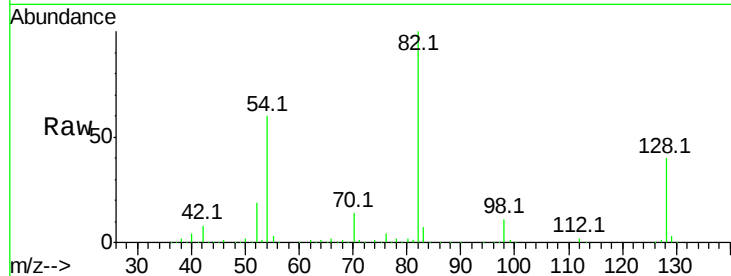




#23
 Nitrobenzene-d5
 Concen: 88.30 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092495.D
 Acq: 25 Jan 2017 23:47

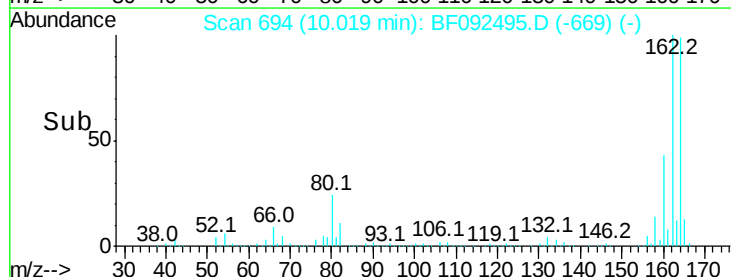
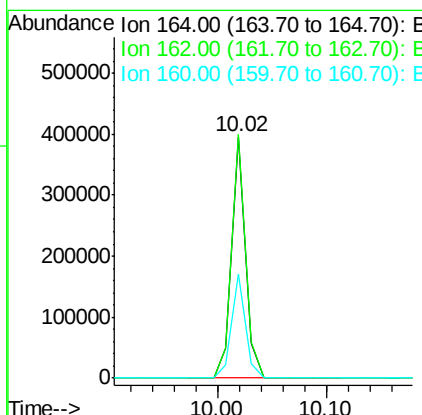
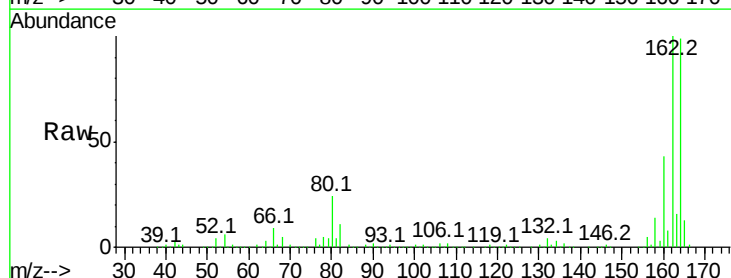
Instrument :
 BNA_F
 ClientSampleId :
 MW-1-012017

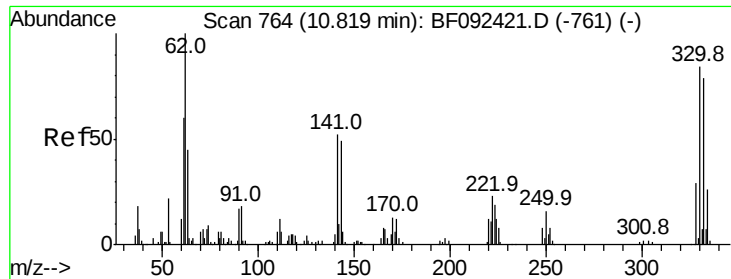
Tot Ion: 82 Resp: 1070709
 Ion Ratio Lower Upper
 82 100
 128 40.1 34.6 52.0
 54 59.9 39.5 59.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.02 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF092495.D
 Acq: 25 Jan 2017 23:47

Tgt Ion:164 Resp: 348744
 Ion Ratio Lower Upper
 164 100
 162 100.8 80.2 120.2
 160 43.3 36.9 55.3





#41

2,4,6-Tribromophenol

Concen: 151.64 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF092495.D

Acq: 25 Jan 2017 23:47

Instrument :

BNA_F

ClientSampleId :

MW-1-012017

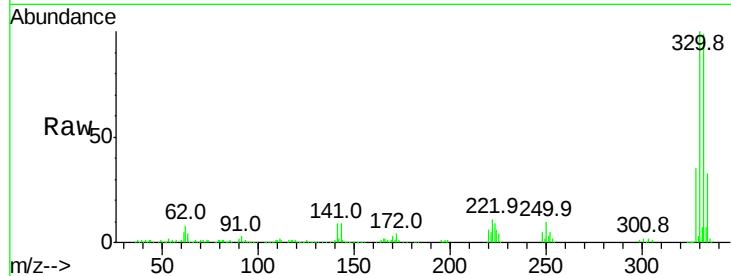
Tot Ion:330 Resp: 360371

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

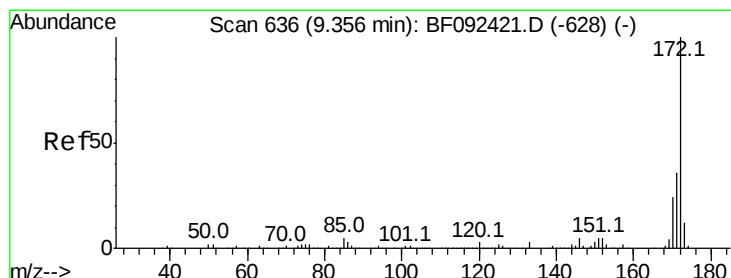
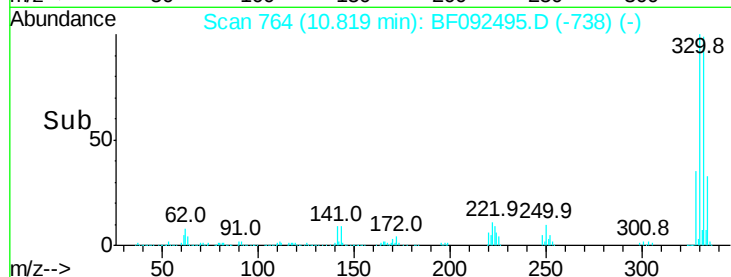
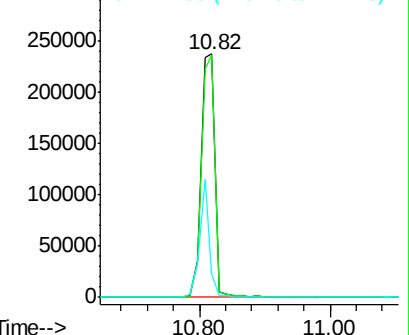
141 34.2 34.1 51.1



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: 91.67 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092495.D

Acq: 25 Jan 2017 23:47

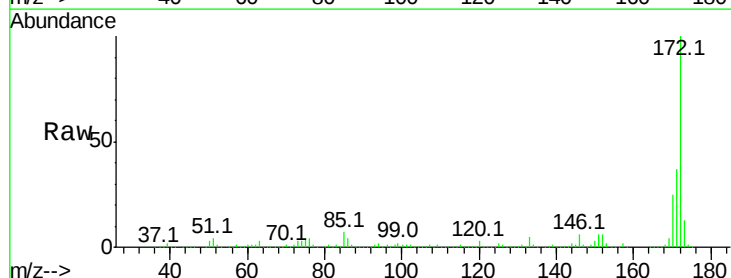
Tgt Ion:172 Resp: 1728918

Ion Ratio Lower Upper

172 100

171 36.8 29.4 44.0

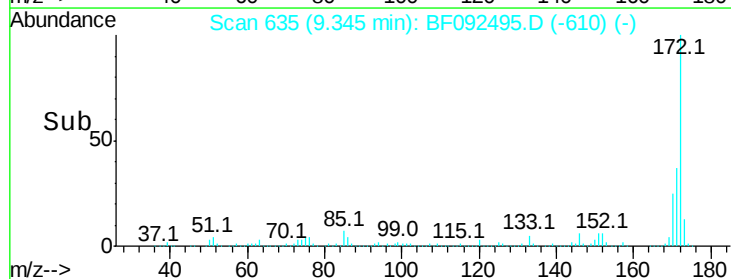
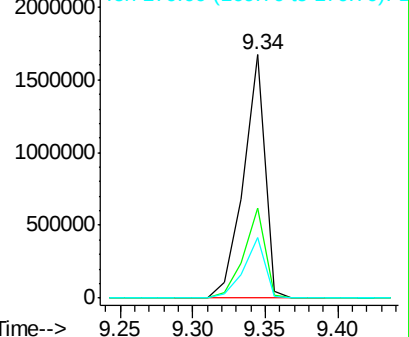
170 24.9 20.2 30.4

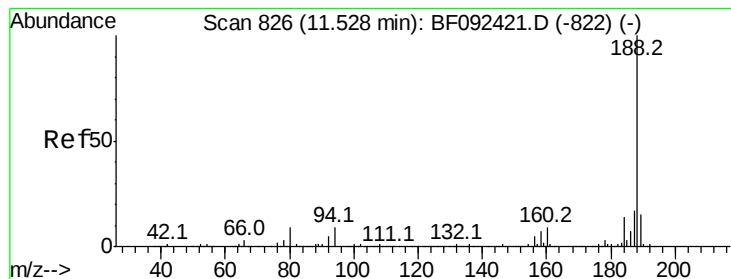


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.51 min Scan# 824

Delta R.T. -0.02 min

Lab File: BF092495.D

Acq: 25 Jan 2017 23:47

Instrument :

BNA_F

ClientSampleId :

MW-1-012017

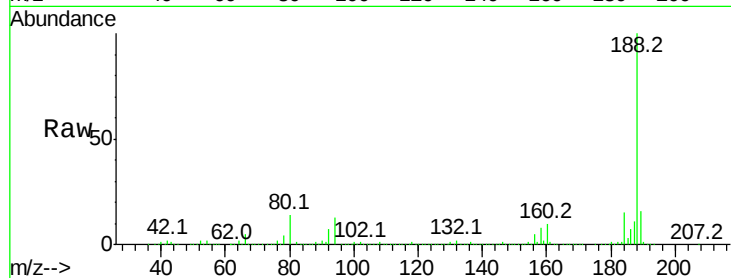
Tot Ion:188 Resp: 573428

Ion Ratio Lower Upper

188 100

94 13.1 10.0 15.0

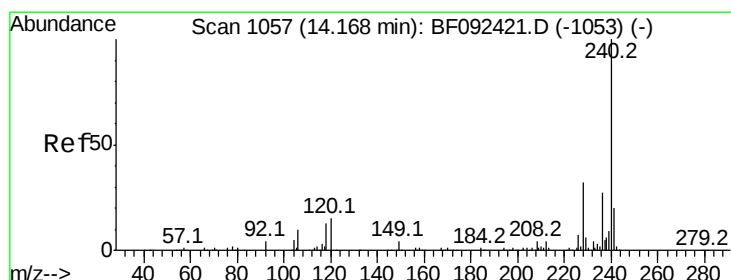
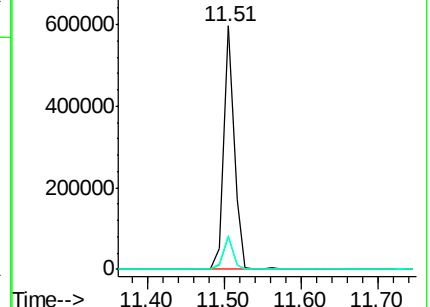
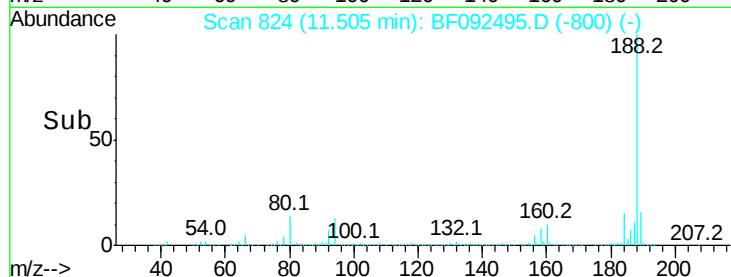
80 13.8 11.2 16.8



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF092495.D

Acq: 25 Jan 2017 23:47

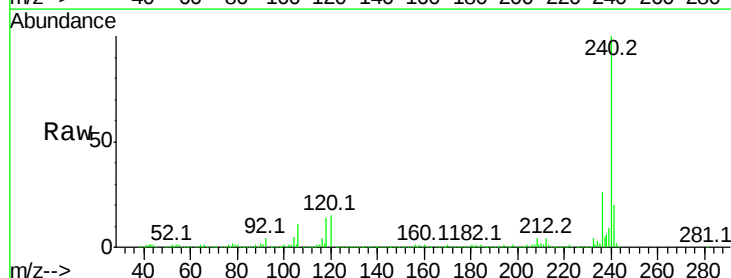
Tgt Ion:240 Resp: 508908

Ion Ratio Lower Upper

240 100

120 15.5 12.9 19.3

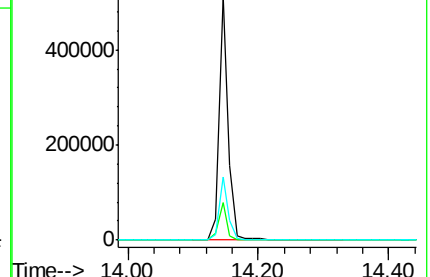
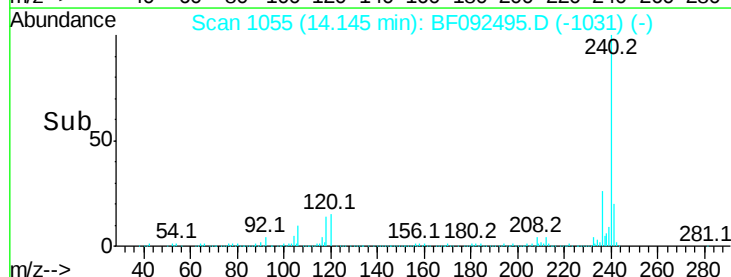
236 25.7 20.9 31.3

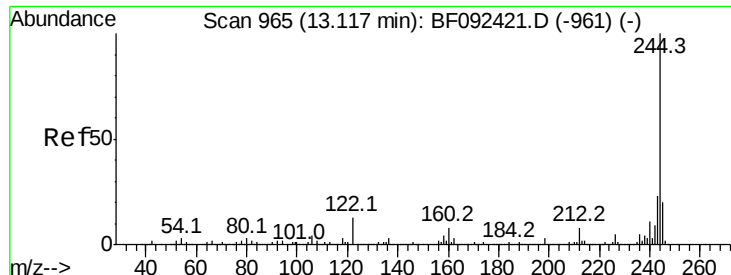


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.34 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092495.D

Acq: 25 Jan 2017 23:47

Instrument :

BNA_F

ClientSampleId :

MW-1-012017

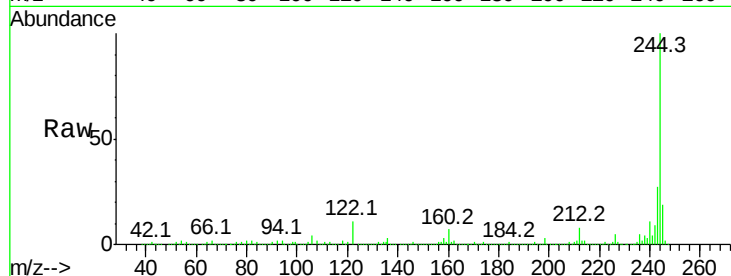
Tot Ion:244 Resp: 1573635

Ion Ratio Lower Upper

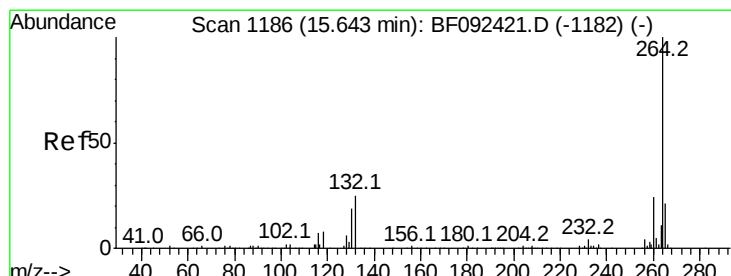
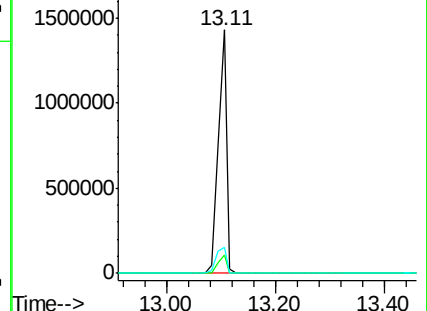
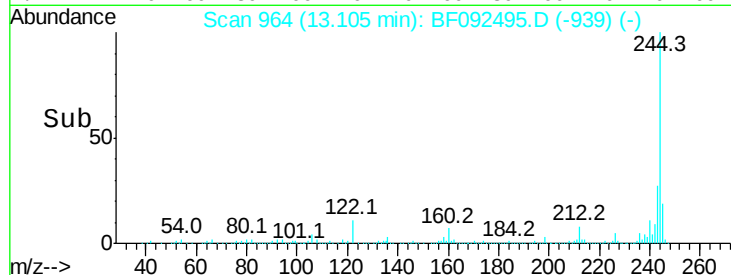
244 100

212 7.5 6.2 9.2

122 10.7 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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.63 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF092495.D

Acq: 25 Jan 2017 23:47

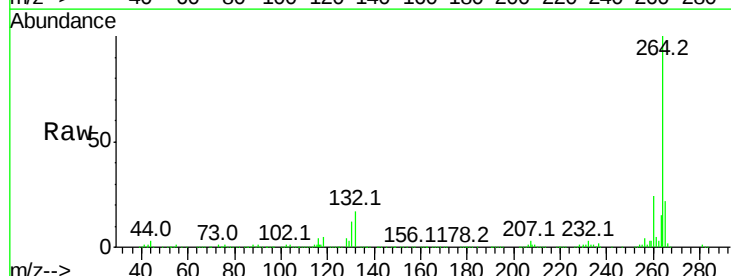
Tgt Ion:264 Resp: 400443

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.7 17.4 26.0



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

