

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092562.D
 Acq On : 27 Jan 2017 8:21
 Operator : SJ/MA
 Sample : I1364-06
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-14

Quant Time: Jan 27 10:24:32 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	163532	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	628451	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	368569	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	600936	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	465953	20.00	ng	-0.01
86) Perylene-d12	15.64	264	348502	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	740245	70.43	ng	0.02
7) Phenol-d6	6.59	99	590734	44.12	ng	0.00
23) Nitrobenzene-d5	7.54	82	1137350	98.86	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	327486	130.39	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1829274	91.78	ng	-0.01
78) Terphenyl-d14	13.11	244	1718429	98.21	ng	-0.01

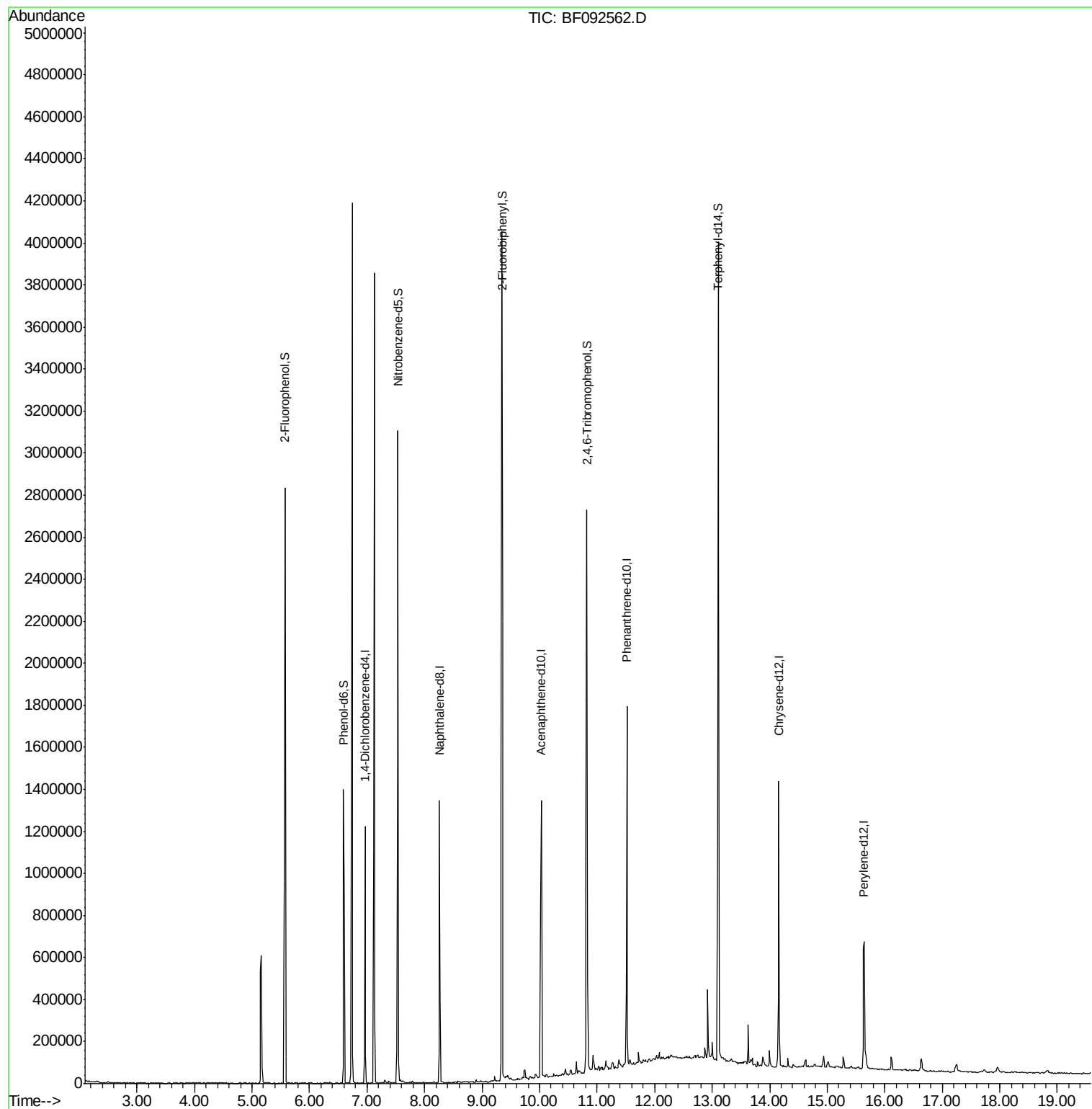
Target Compounds Qvalue

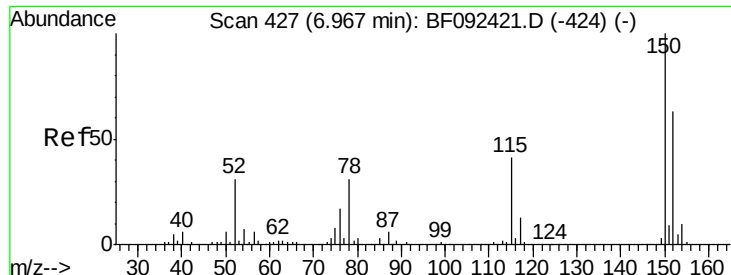
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092562.D

Acq: 27 Jan 2017 8:21

Instrument :

BNA_F

ClientSampleId :

W-14

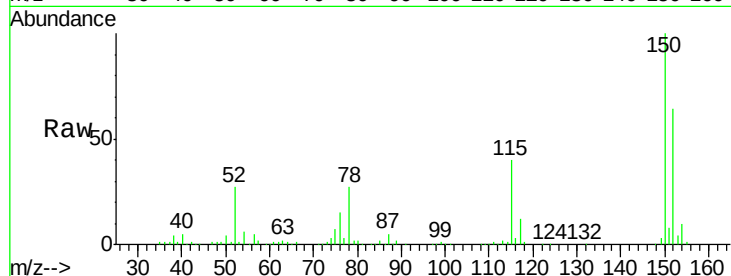
Tot Ion:152 Resp: 163532

Ion Ratio Lower Upper

152 100

150 156.4 124.9 187.3

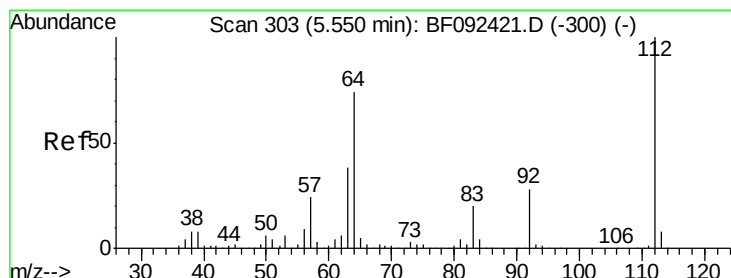
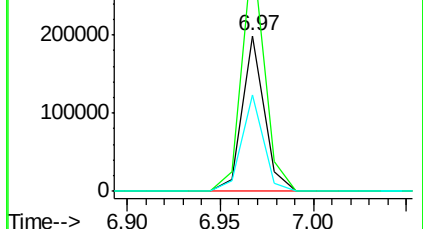
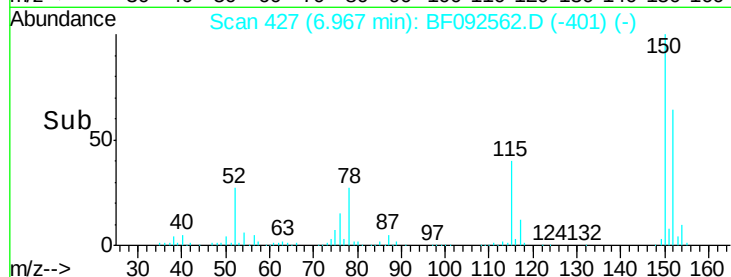
115 62.3 46.0 69.0



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: 70.43 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092562.D

Acq: 27 Jan 2017 8:21

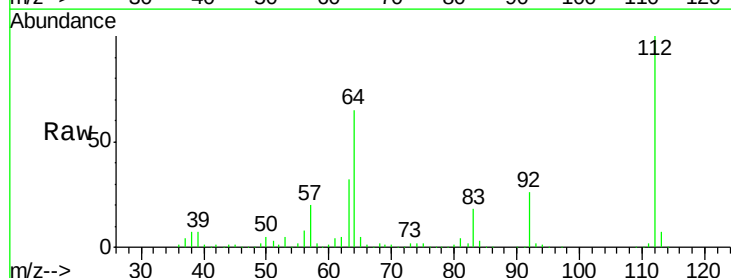
Tgt Ion:112 Resp: 740245

Ion Ratio Lower Upper

112 100

64 64.7 46.1 69.1

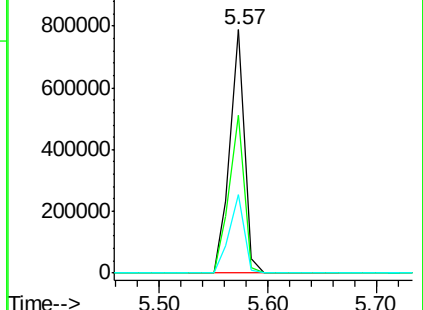
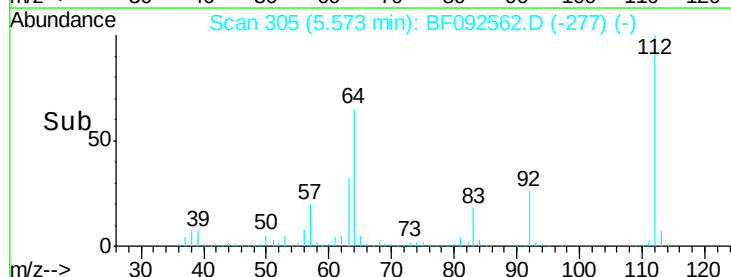
63 32.3 23.8 35.6

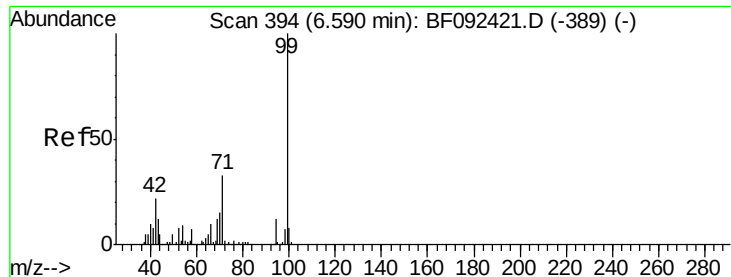


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.12 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092562.D

Acq: 27 Jan 2017 8:21

Instrument :

BNA_F

ClientSampleId :

W-14

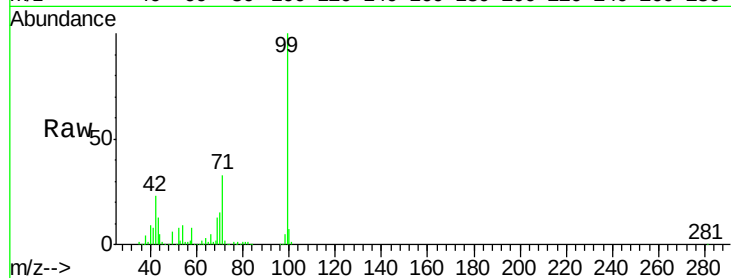
Tot Ion: 99 Resp: 590734

Ion Ratio Lower Upper

99 100

42 23.4 15.6 23.4#

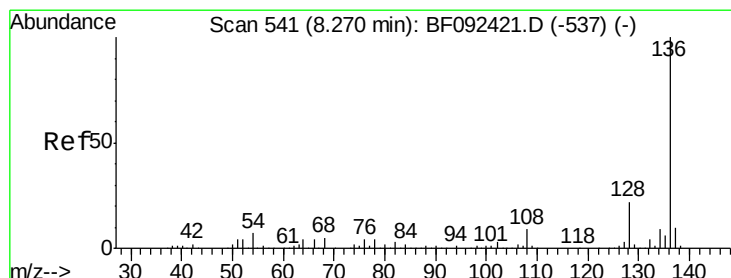
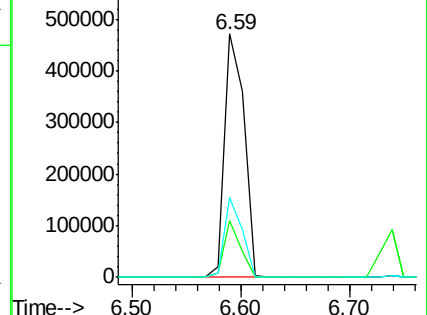
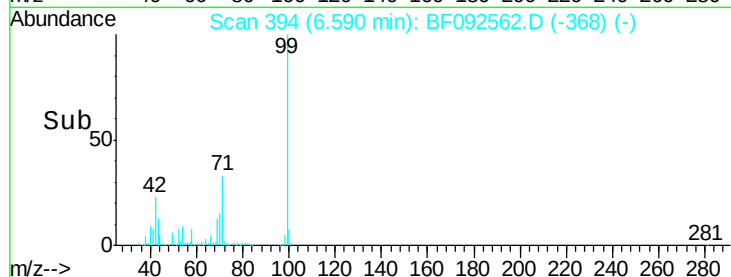
71 32.9 27.5 41.3



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: BF092562.D

Acq: 27 Jan 2017 8:21

Tgt Ion: 136 Resp: 628451

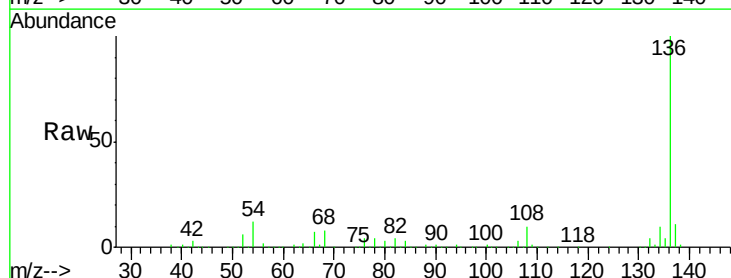
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 12.3 4.5 6.7#

68 7.9 3.6 5.4#

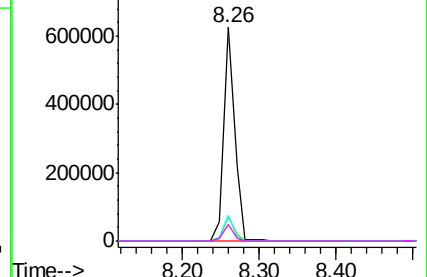
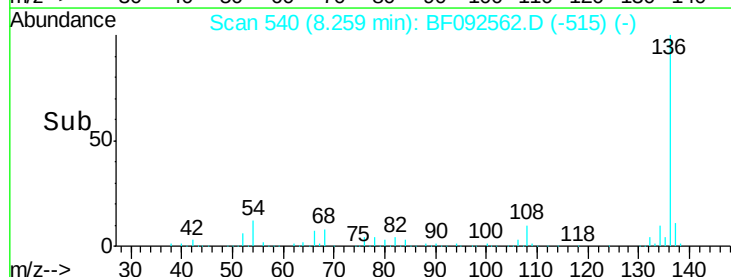


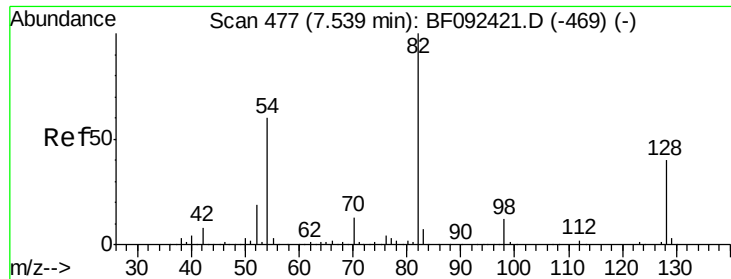
Abundance Ion 136.00 (135.70 to 136.70): E

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

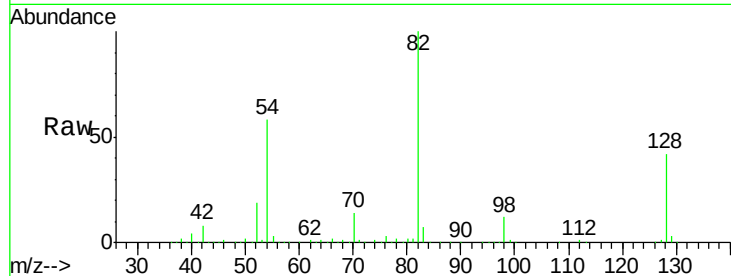




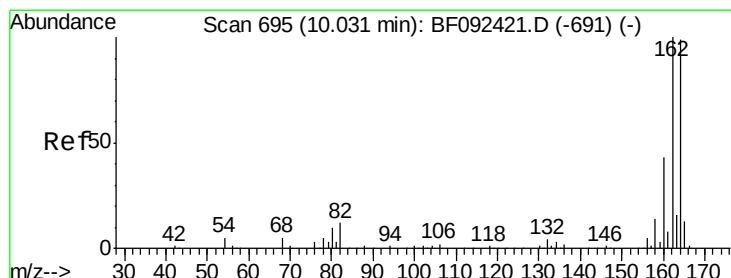
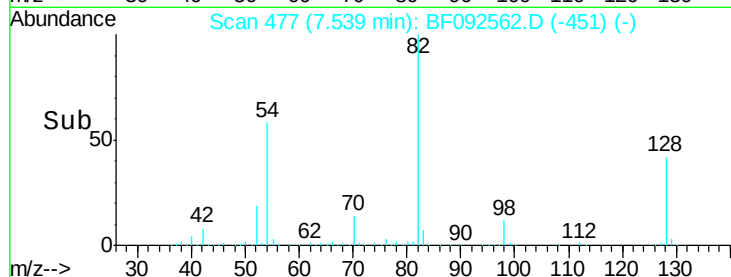
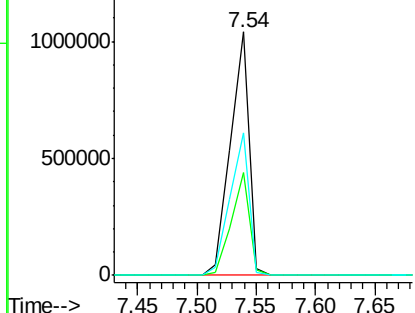
#23
 Nitrobenzene-d5
 Concen: 98.86 ng
 RT: 7.54 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF092562.D
 Acq: 27 Jan 2017 8:21

Instrument :
 BNA_F
 ClientSampleId :
 W-14

Tot Ion: 82 Resp: 1137350
 Ion Ratio Lower Upper
 82 100
 128 42.3 34.6 52.0
 54 58.3 39.5 59.3

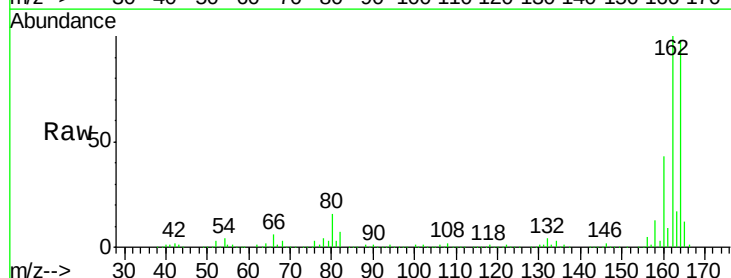


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

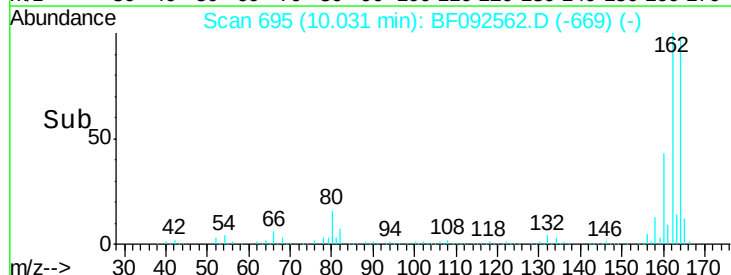
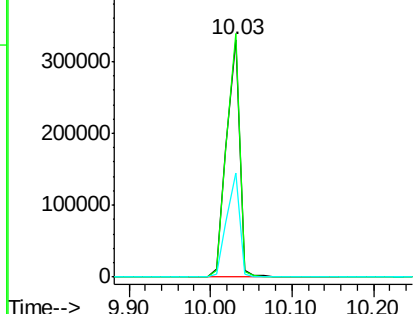


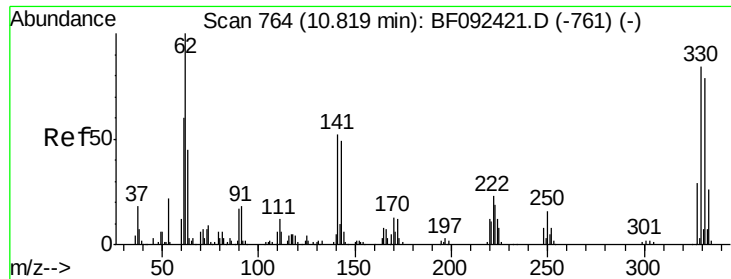
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF092562.D
 Acq: 27 Jan 2017 8:21

Tgt Ion: 164 Resp: 368569
 Ion Ratio Lower Upper
 164 100
 162 102.5 80.2 120.2
 160 43.7 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

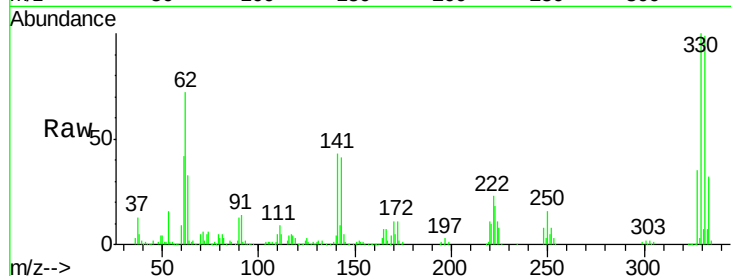




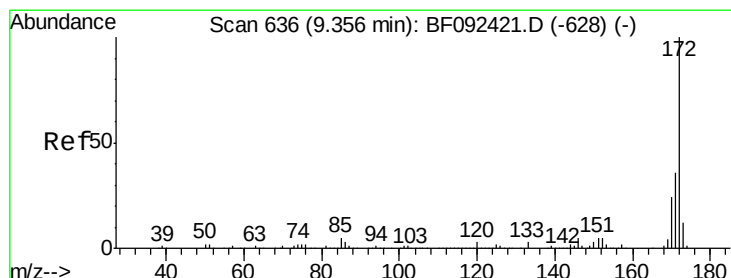
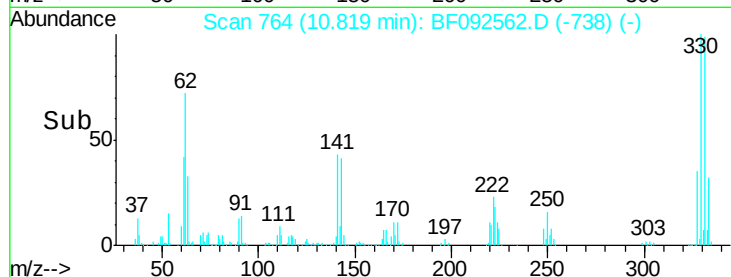
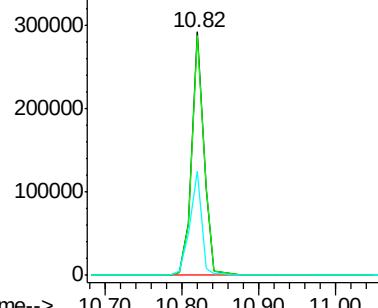
#41
 2,4,6-Tribromophenol
 Concen: 130.39 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF092562.D
 Acq: 27 Jan 2017 8:21

Instrument :
 BNA_F
 ClientSampleId :
 W-14

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.4	77.4	116.2
141	40.9	34.1	51.1

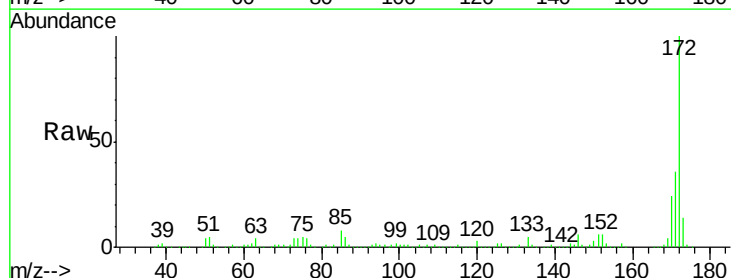


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

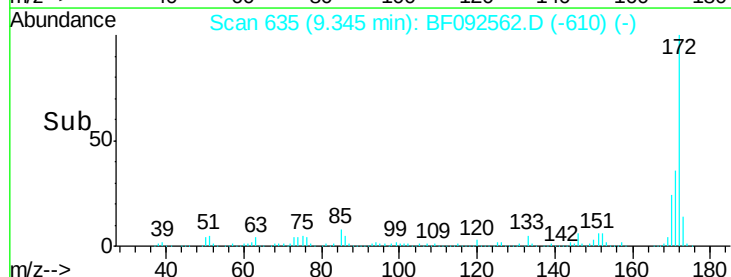
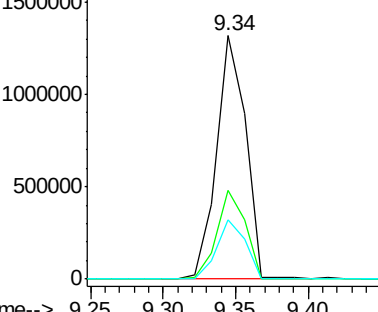


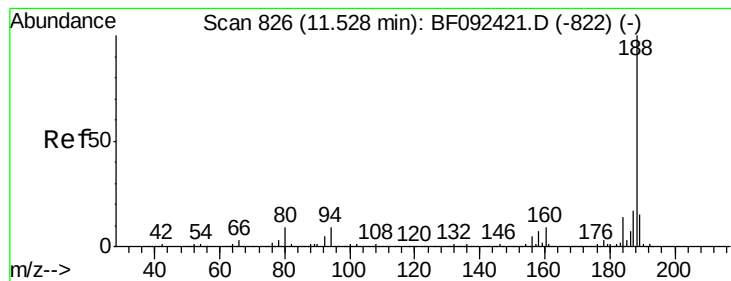
#44
 2-Fluorobiphenyl
 Concen: 91.78 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092562.D
 Acq: 27 Jan 2017 8:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.3	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: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092562.D

Acq: 27 Jan 2017 8:21

Instrument :

BNA_F

ClientSampleId :

W-14

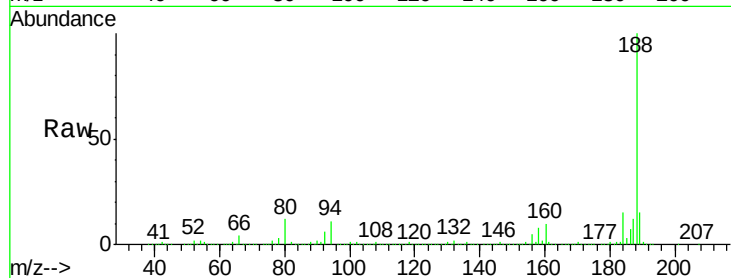
Tot Ion:188 Resp: 600936

Ion Ratio Lower Upper

188 100

94 10.9 10.0 15.0

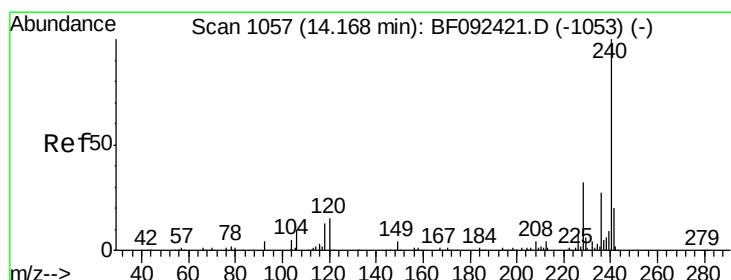
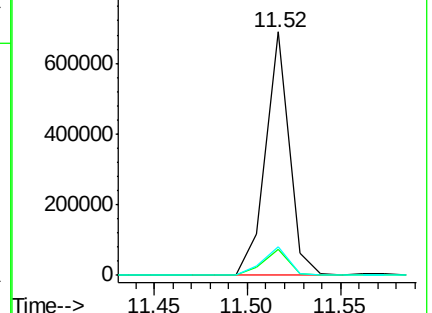
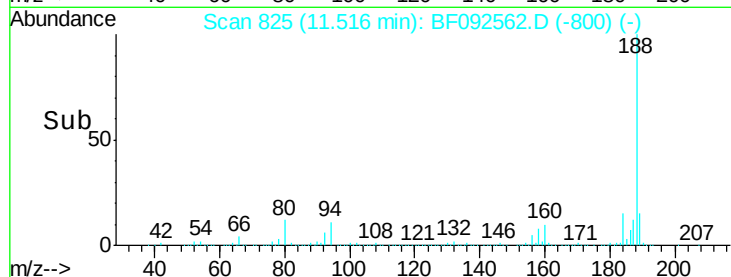
80 11.9 11.2 16.8



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: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092562.D

Acq: 27 Jan 2017 8:21

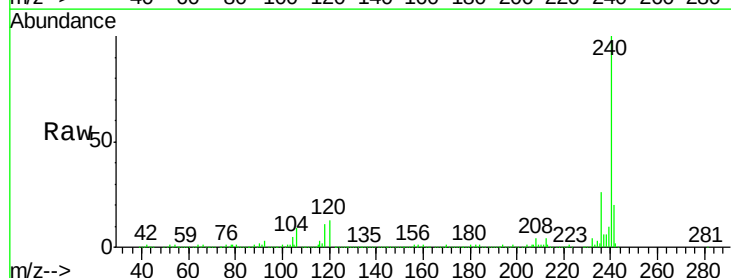
Tgt Ion:240 Resp: 465953

Ion Ratio Lower Upper

240 100

120 13.0 12.9 19.3

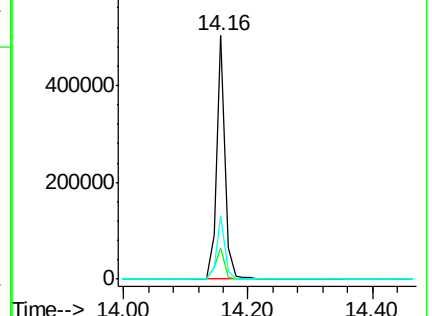
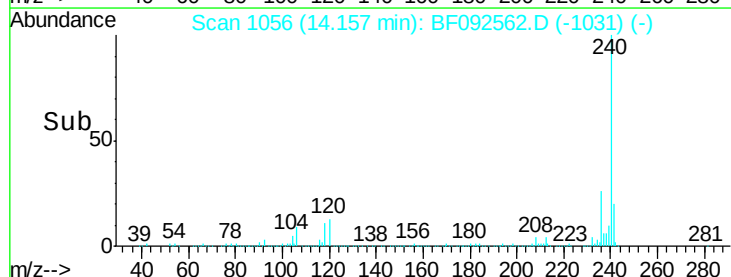
236 25.8 20.9 31.3

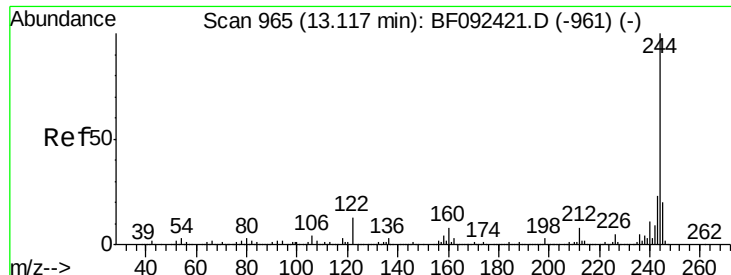


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 98.21 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092562.D

Acq: 27 Jan 2017 8:21

Instrument :

BNA_F

ClientSampleId :

W-14

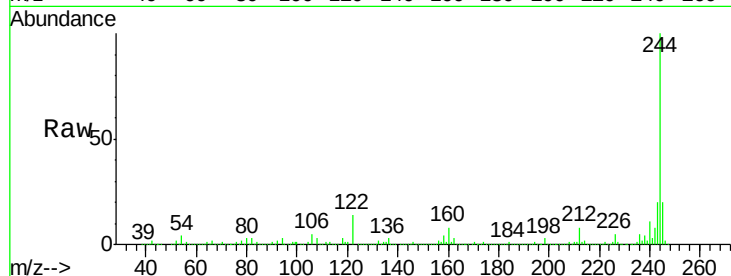
Tot Ion:244 Resp: 1718429

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

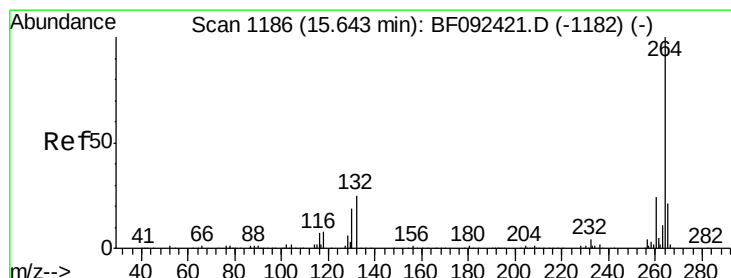
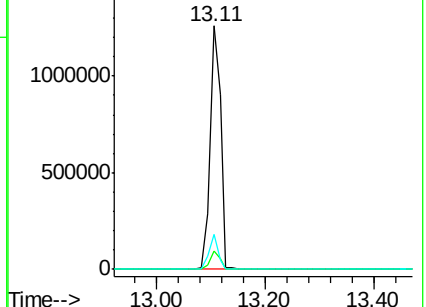
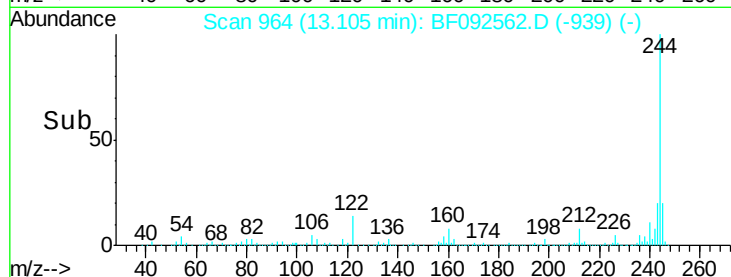
122 14.3 11.4 17.2



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: 15.64 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF092562.D

Acq: 27 Jan 2017 8:21

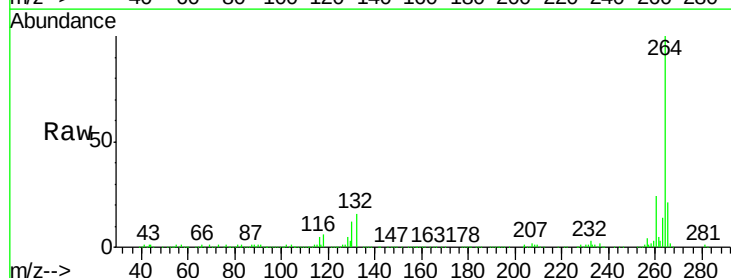
Tgt Ion:264 Resp: 348502

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.2 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

