

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
 Data File : BF092959.D
 Acq On : 15 Feb 2017 19:03
 Operator : SJ/MA
 Sample : I1822-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-01-65-70

Quant Time: Feb 16 01:07:48 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

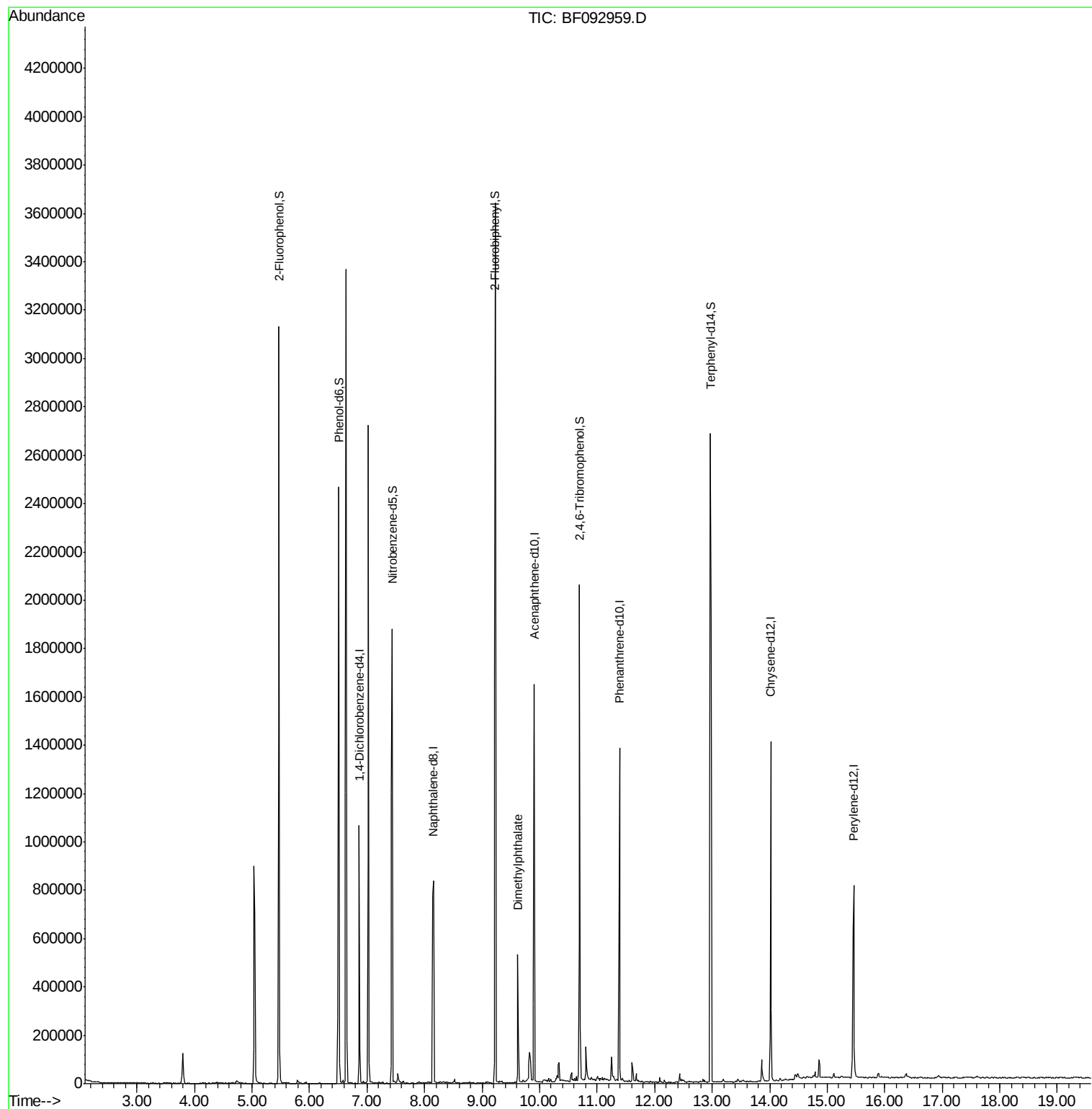
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	147238	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	568770	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	334136	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	561772	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	468862	20.00	ng	-0.03
86) Perylene-d12	15.46	264	394167	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	924855	107.76	ng	-0.01
7) Phenol-d6	6.51	99	1232182	111.59	ng	-0.02
23) Nitrobenzene-d5	7.44	82	749369	73.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	215105	89.01	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1287364	69.80	ng	-0.01
78) Terphenyl-d14	12.97	244	1122466	56.25	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.62	163	228866	10.17	ng	Qvalue 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF092959.D

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38-SB-01-65-70

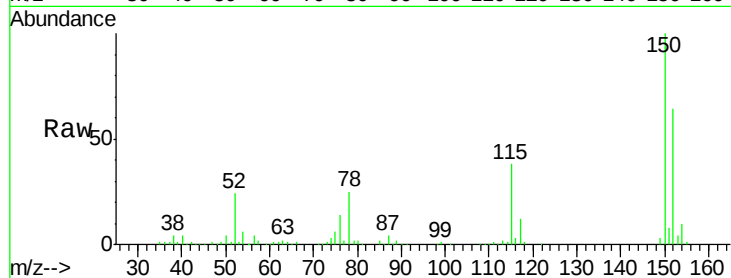
Tgt Ion:152 Resp: 147238

Ion Ratio Lower Upper

152 100

150 157.2 124.9 187.3

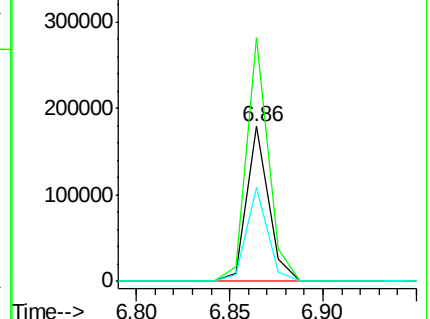
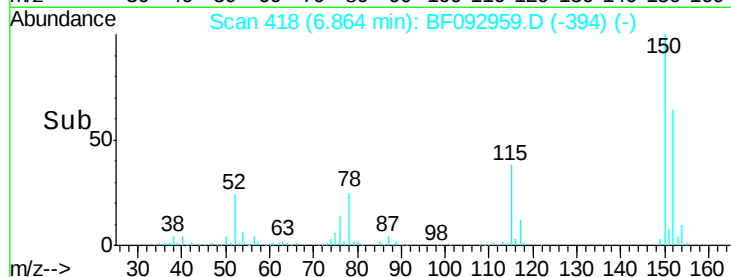
115 60.5 46.0 69.0



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: 107.76 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF092959.D

Acq: 15 Feb 2017 19:03

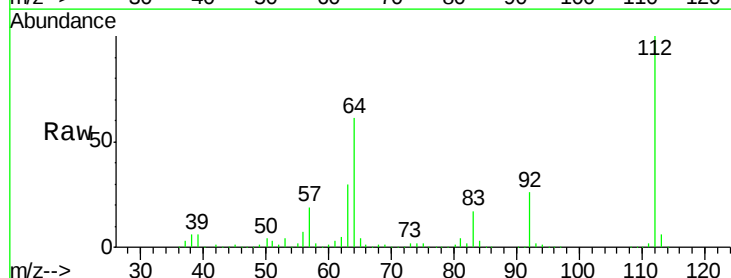
Tgt Ion:112 Resp: 924855

Ion Ratio Lower Upper

112 100

64 61.1 46.1 69.1

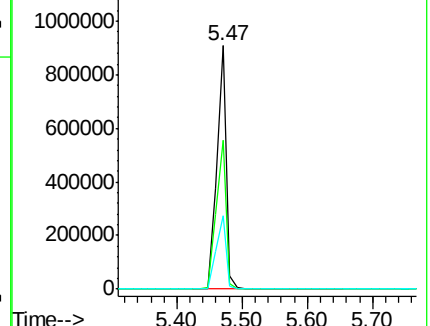
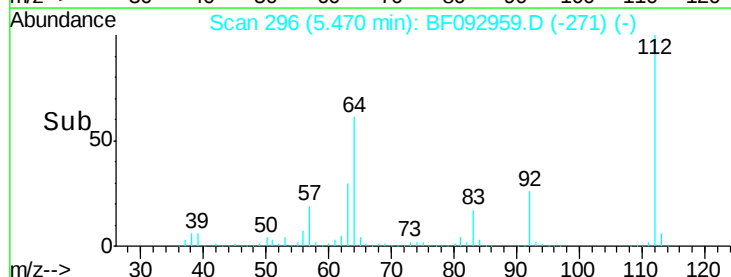
63 30.4 23.8 35.6



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: 111.59 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092959.D

Acq: 15 Feb 2017 19:03

Instrument :

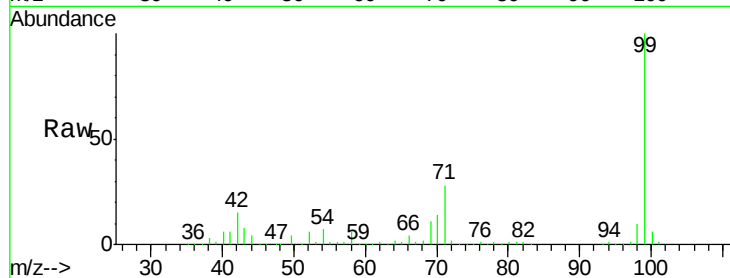
BNA_F

ClientSampleId :

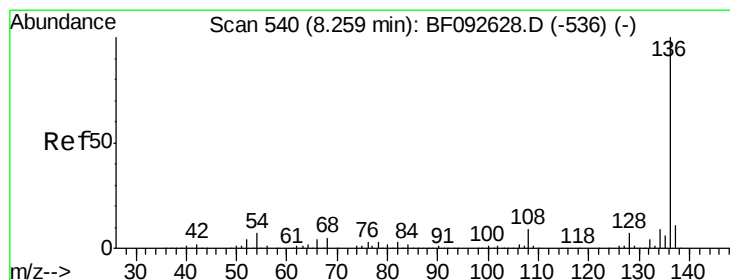
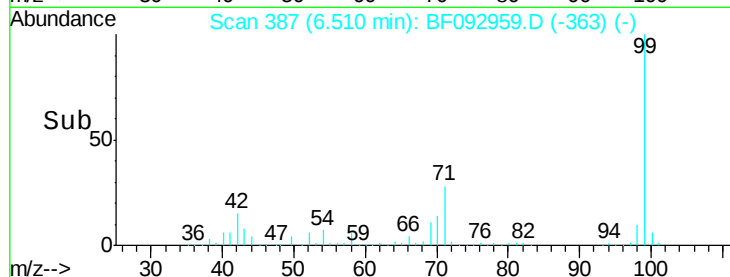
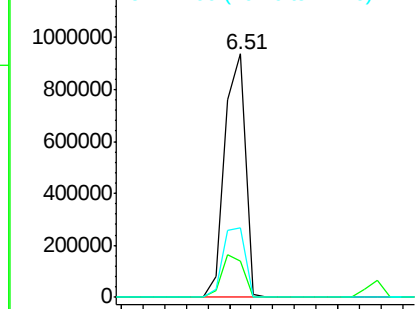
38-SB-01-65-70

Tgt Ion: 99 Resp: 1232182

Ion	Ratio	Lower	Upper
99	100		
42	15.1	15.6	23.4#
71	28.3	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: 8.16 min Scan# 531

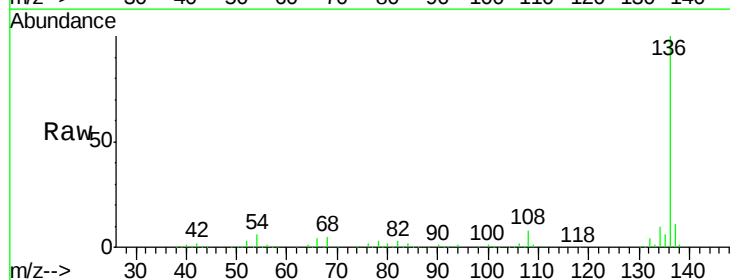
Delta R.T. -0.01 min

Lab File: BF092959.D

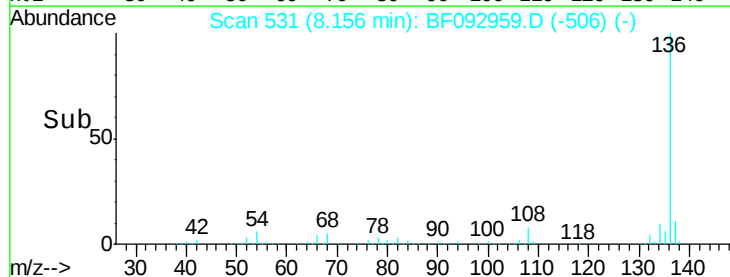
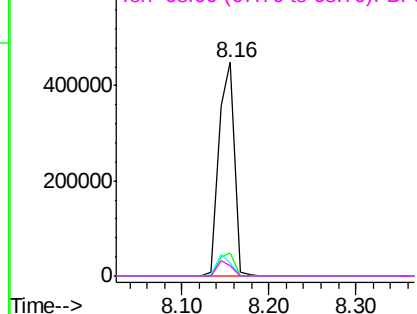
Acq: 15 Feb 2017 19:03

Tgt Ion: 136 Resp: 568770

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	6.2	4.5	6.7
68	4.8	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

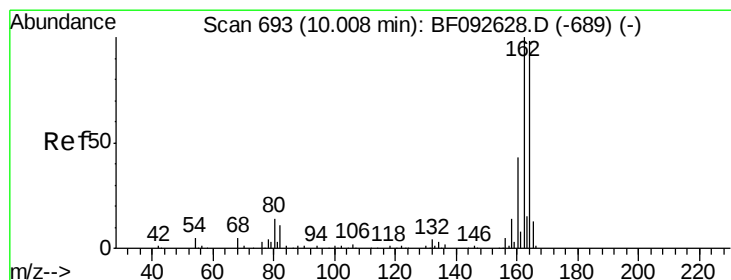
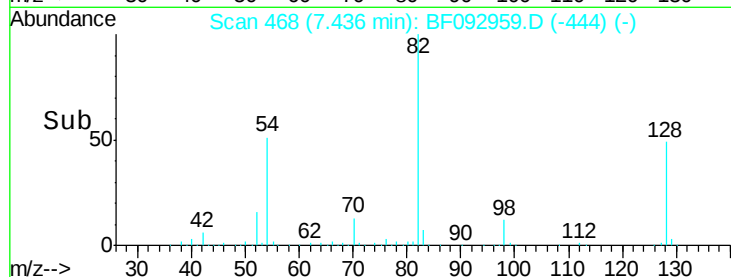
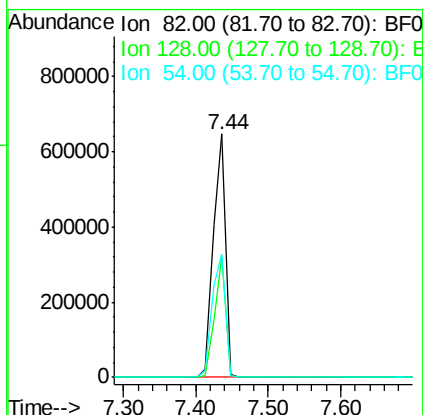
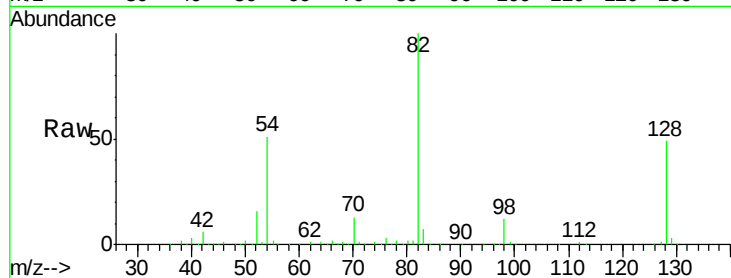




#23
 Nitrobenzene-d5
 Concen: 73.37 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF092959.D
 Acq: 15 Feb 2017 19:03

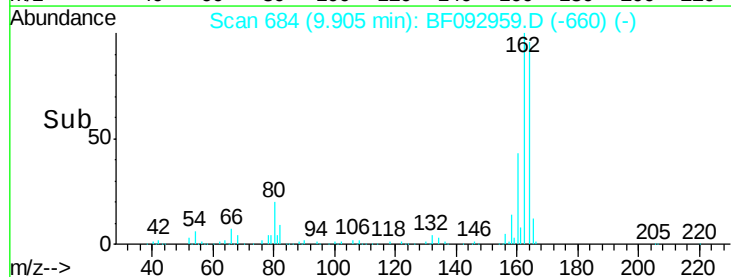
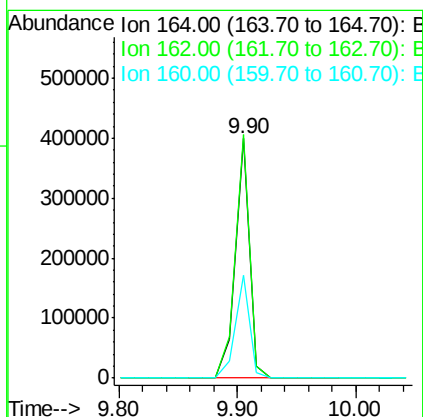
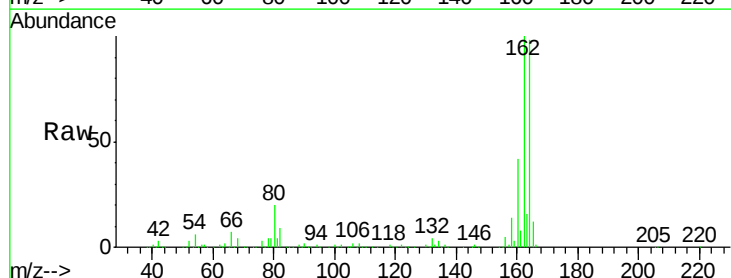
Instrument :
 BNA_F
 ClientSampleId :
 38-SB-01-65-70

Tgt Ion: 82 Resp: 749369
 Ion Ratio Lower Upper
 82 100
 128 49.5 34.6 52.0
 54 50.9 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF092959.D
 Acq: 15 Feb 2017 19:03

Tgt Ion: 164 Resp: 334136
 Ion Ratio Lower Upper
 164 100
 162 101.6 80.2 120.2
 160 43.1 36.9 55.3

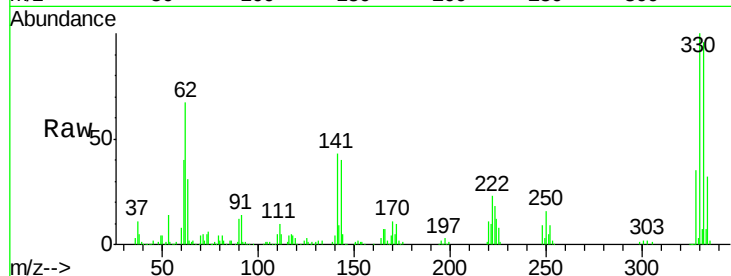




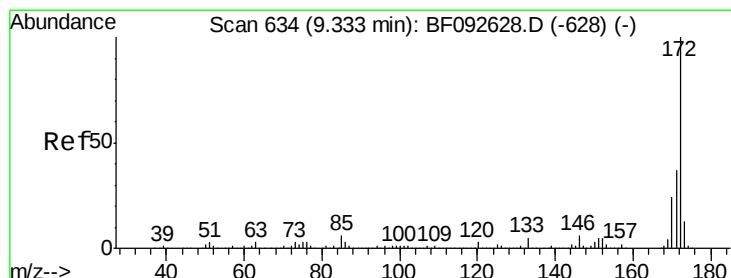
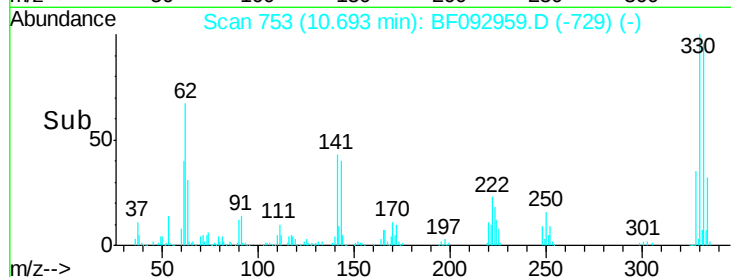
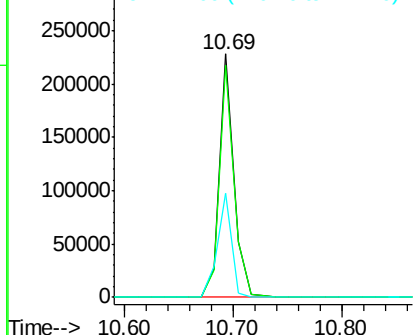
#41
 2,4,6-Tribromophenol
 Concen: 89.01 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF092959.D
 Acq: 15 Feb 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-01-65-70

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	42.3	34.1	51.1

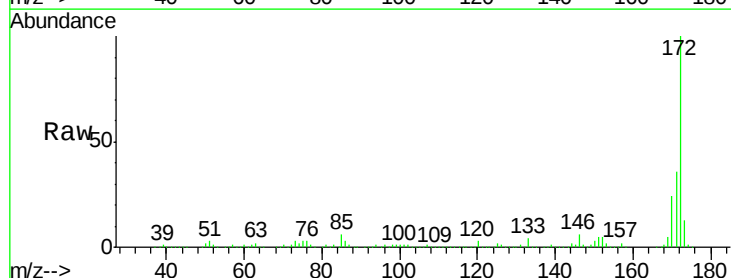


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

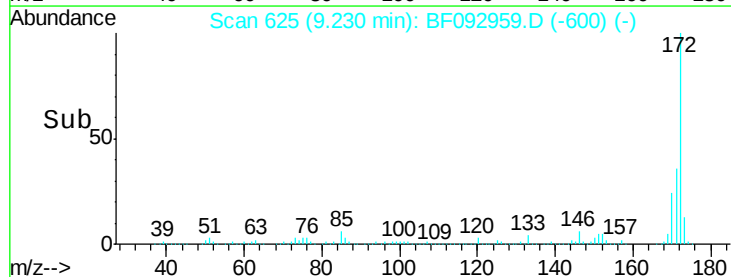
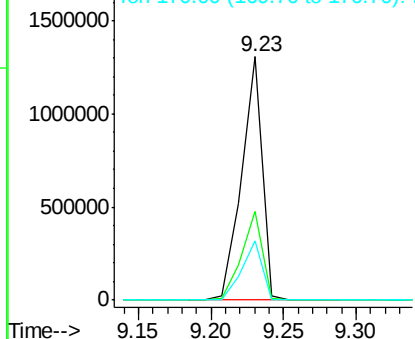


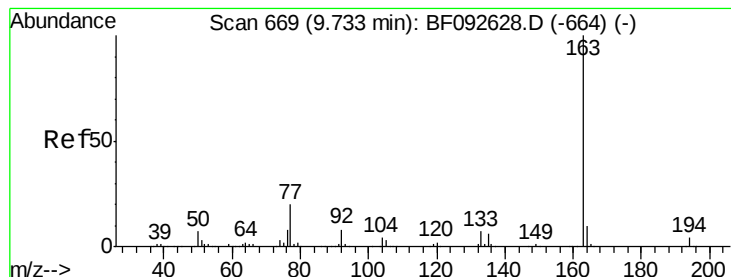
#44
 2-Fluorobiphenyl
 Concen: 69.80 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092959.D
 Acq: 15 Feb 2017 19:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.5	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





#49

Dimethylphthalate

Concen: 10.17 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF092959.D

Acq: 15 Feb 2017 19:03

Instrument :

BNA_F

ClientSampleId :

38-SB-01-65-70

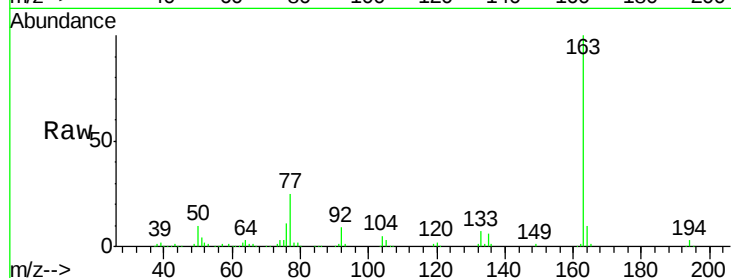
Tgt Ion:163 Resp: 228866

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

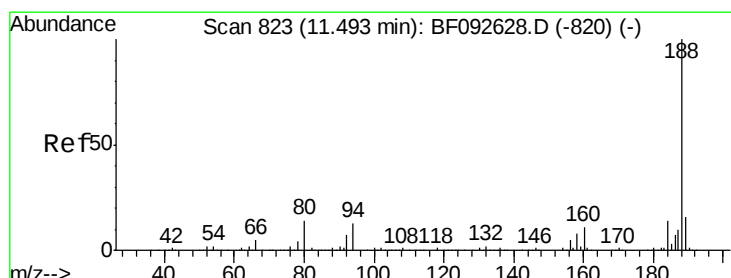
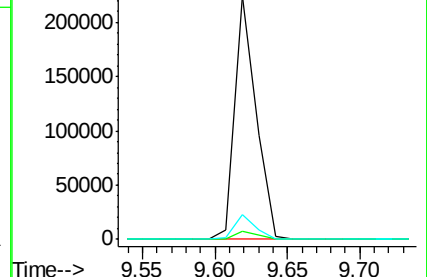
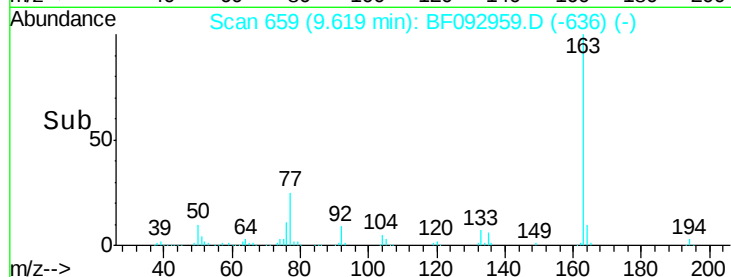
164 10.2 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF092959.D

Acq: 15 Feb 2017 19:03

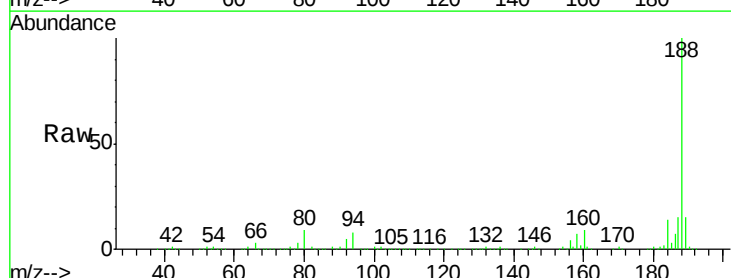
Tgt Ion:188 Resp: 561772

Ion Ratio Lower Upper

188 100

94 8.2 10.0 15.0#

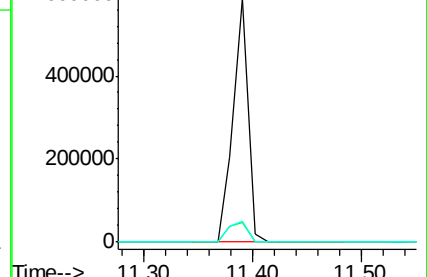
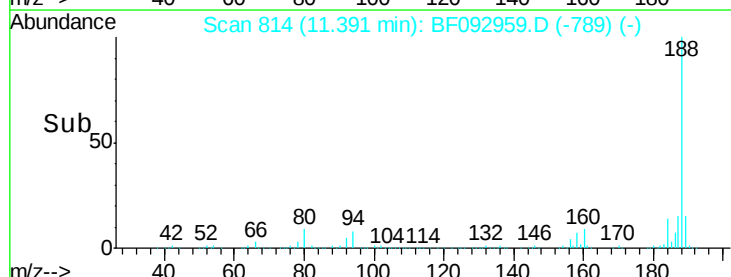
80 8.7 11.2 16.8#

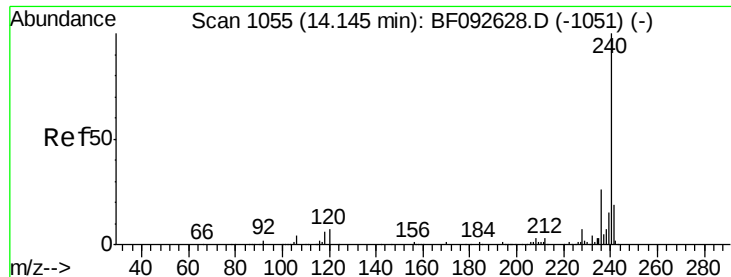


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF092959.D

Acq: 15 Feb 2017 19:03

Instrument :

BNA_F

ClientSampleId :

38-SB-01-65-70

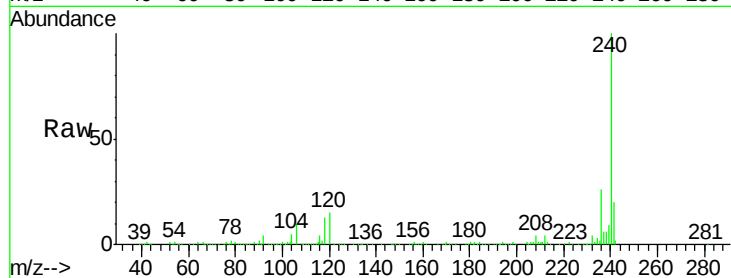
Tgt Ion:240 Resp: 468862

Ion Ratio Lower Upper

240 100

120 15.1 12.9 19.3

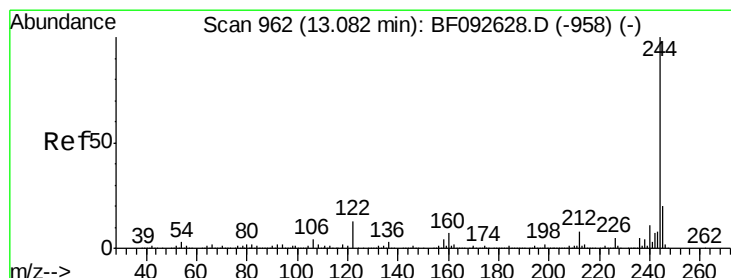
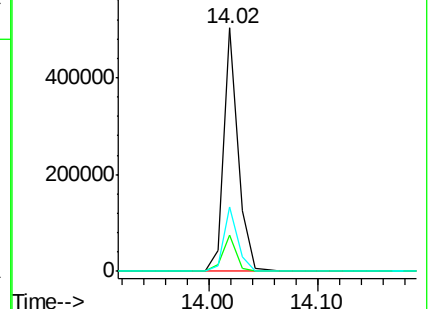
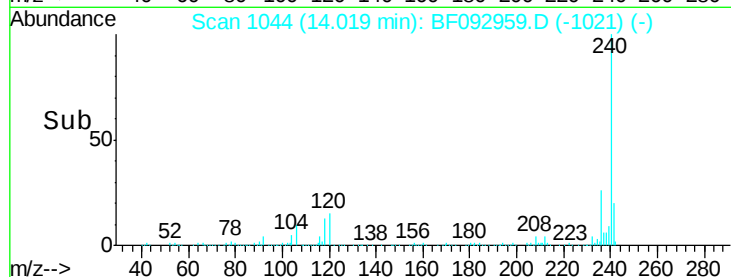
236 26.3 20.9 31.3



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: 56.25 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF092959.D

Acq: 15 Feb 2017 19:03

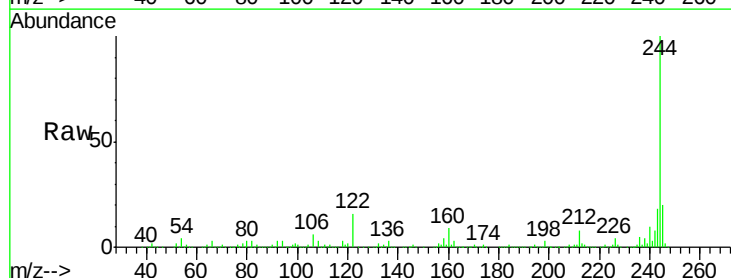
Tgt Ion:244 Resp: 1122466

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

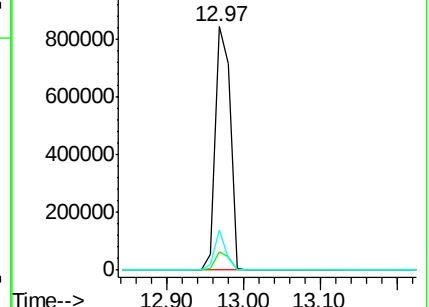
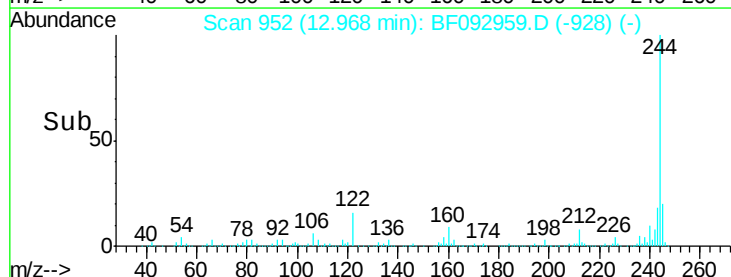
122 16.3 11.4 17.2

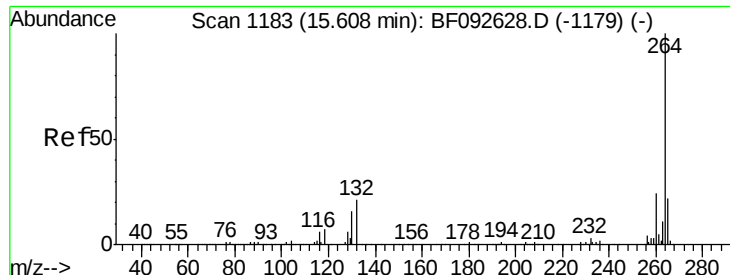


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF092959.D
Acq: 15 Feb 2017 19:03

Instrument :
BNA_F
ClientSampleId :
38-SB-01-65-70

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.5	17.4	26.0

