

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\
 Data File : BF092703.D
 Acq On : 1 Feb 2017 14:47
 Operator : SJ/MA
 Sample : PB96611BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96611BL

Quant Time: Feb 01 15:34:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	170192	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	638358	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	361821	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	570019	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	485683	20.00	ng	-0.02
86) Perylene-d12	15.59	264	376250	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1260864	127.10	ng	-0.01
7) Phenol-d6	6.59	99	1583465	124.06	ng	-0.01
23) Nitrobenzene-d5	7.52	82	978545	85.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	320614	122.52	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1697903	85.02	ng	-0.01
78) Terphenyl-d14	13.07	244	1453287	70.31	ng	-0.01

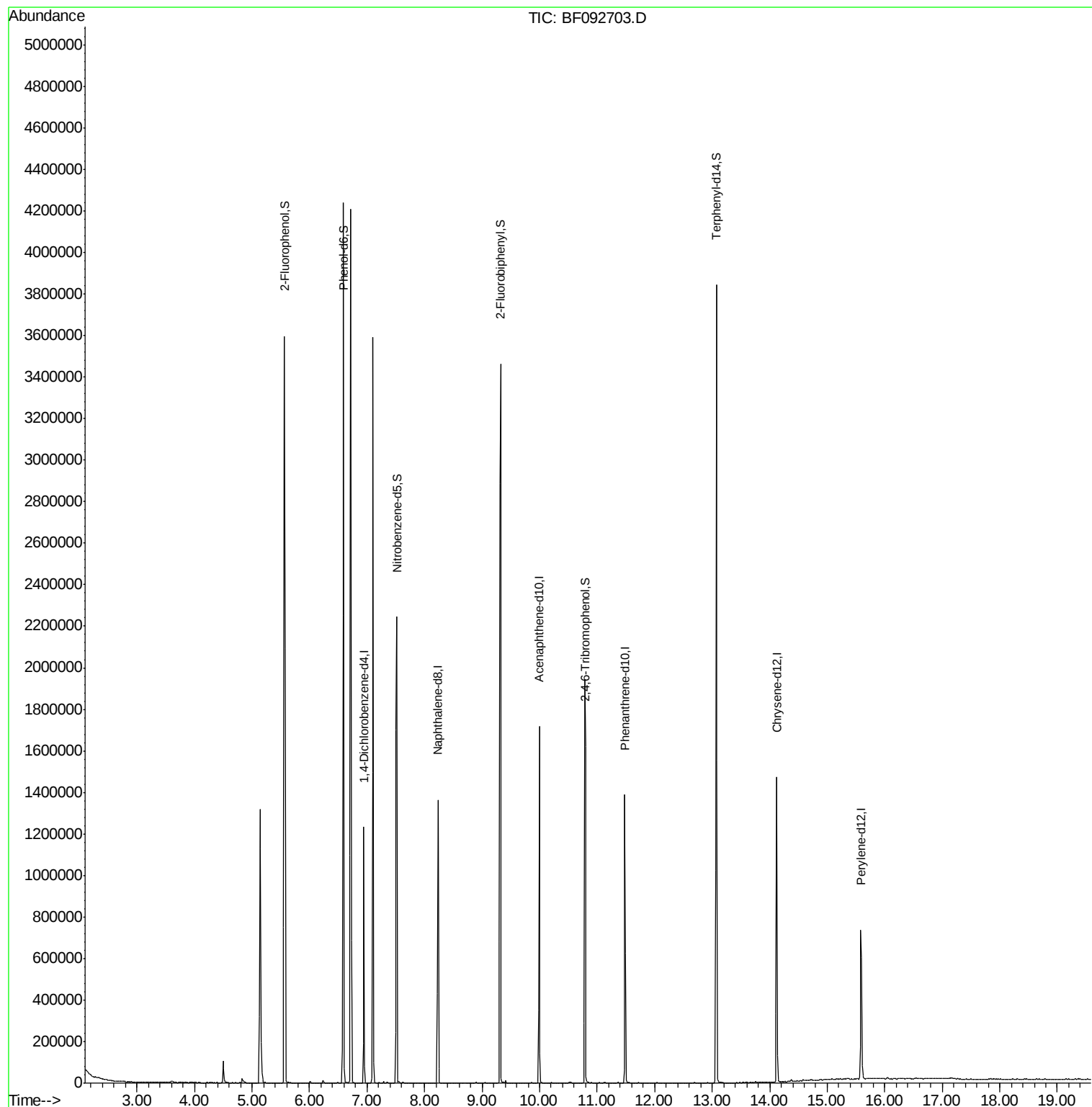
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092703.D

Acq: 1 Feb 2017 14:47

Instrument :

BNA_F

ClientSampleId :

PB96611BL

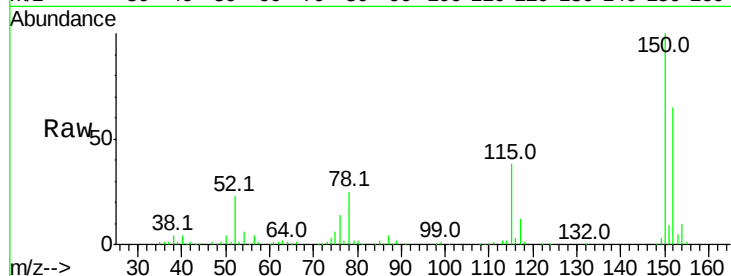
Tot Ion:152 Resp: 170192

Ion Ratio Lower Upper

152 100

150 154.7 124.9 187.3

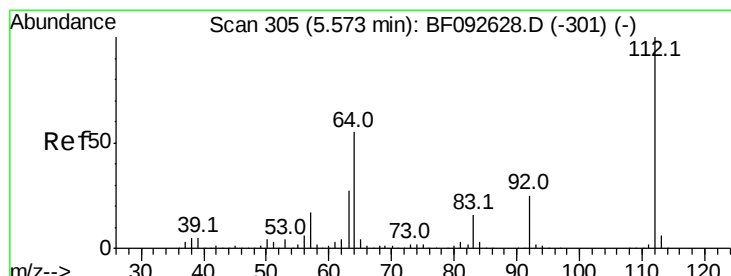
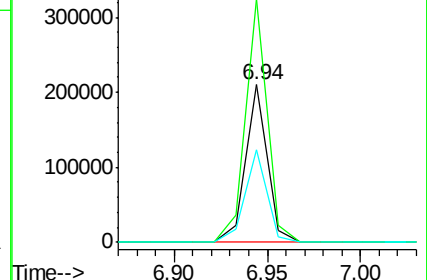
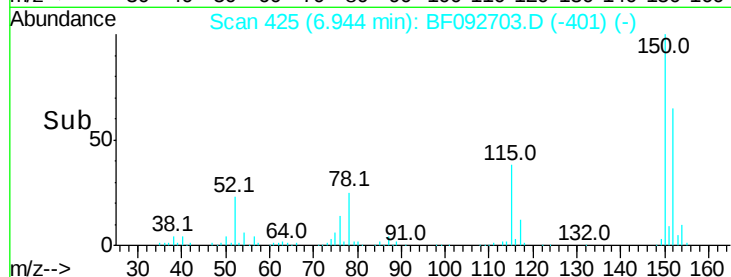
115 59.1 46.0 69.0



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: 127.10 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092703.D

Acq: 1 Feb 2017 14:47

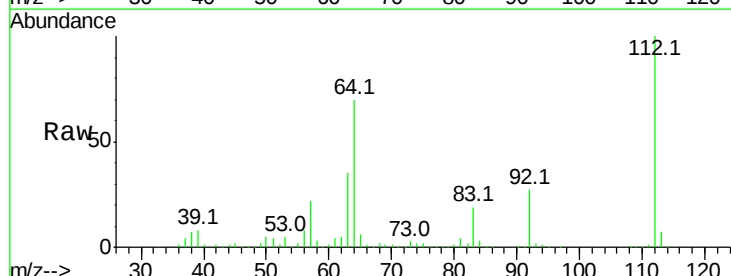
Tgt Ion:112 Resp: 1260864

Ion Ratio Lower Upper

112 100

64 70.2 46.1 69.1#

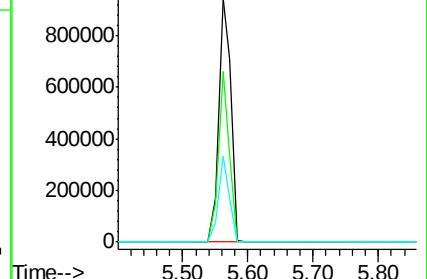
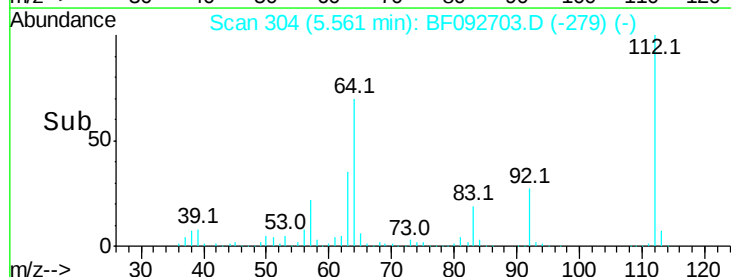
63 35.2 23.8 35.6



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: 124.06 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092703.D

Acq: 1 Feb 2017 14:47

Instrument :

BNA_F

ClientSampleId :

PB96611BL

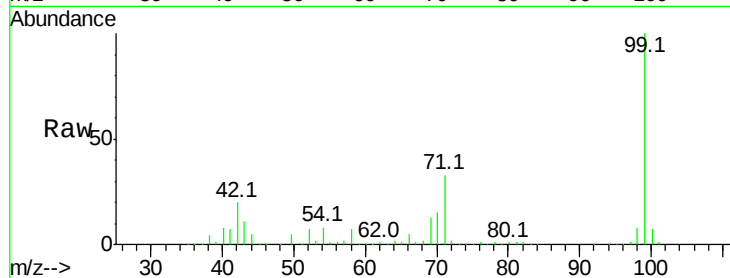
Tot Ion: 99 Resp: 1583465

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

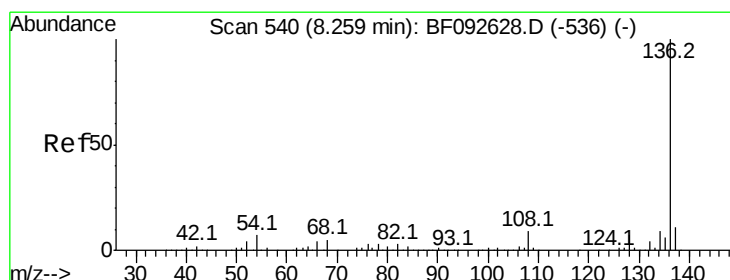
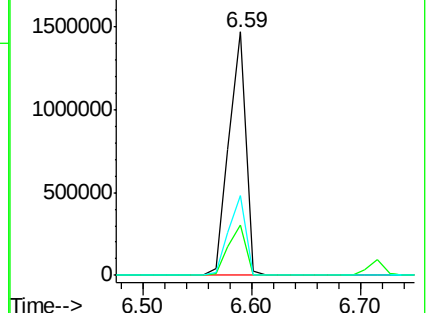
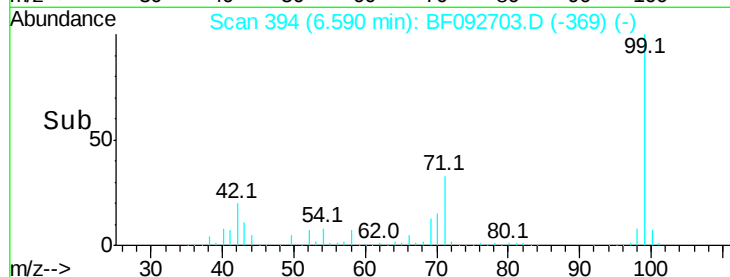
71 33.0 27.5 41.3



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: 8.24 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF092703.D

Acq: 1 Feb 2017 14:47

Tgt Ion:136 Resp: 638358

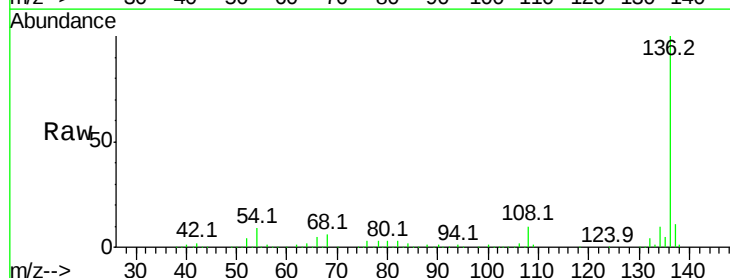
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 9.0 4.5 6.7#

68 6.1 3.6 5.4#

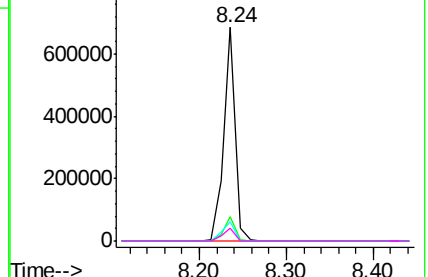
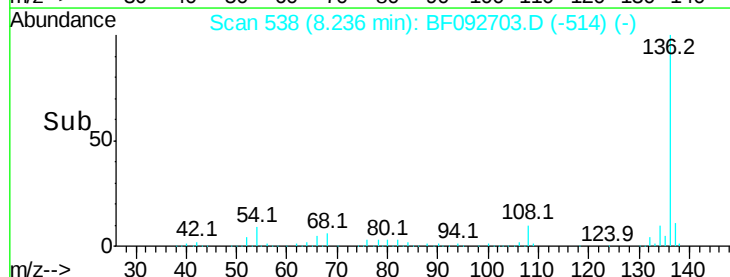


Abundance Ion 136.00 (135.70 to 136.70): E

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

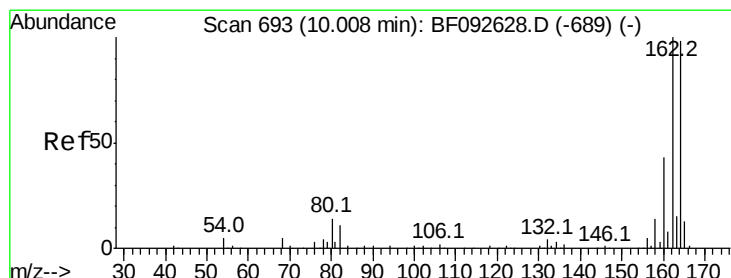
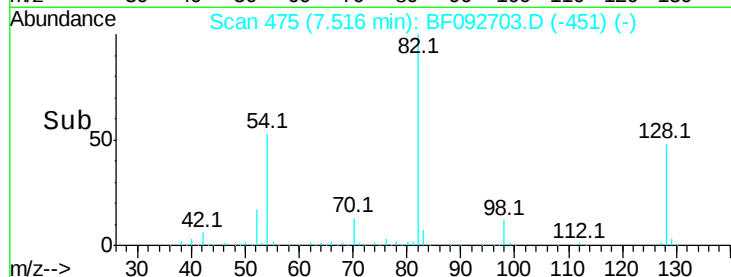
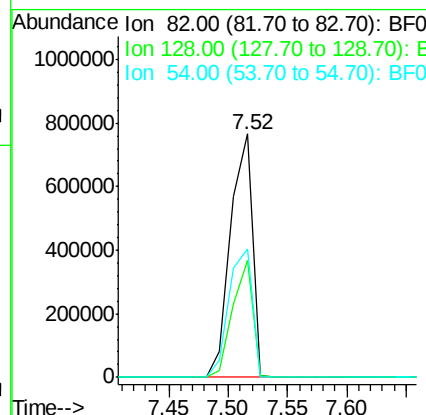
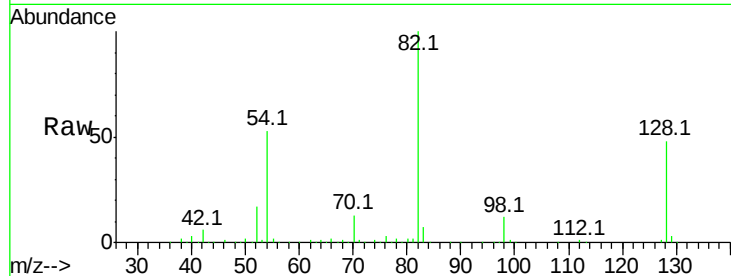




#23
 Nitrobenzene-d5
 Concen: 85.36 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF092703.D
 Acq: 1 Feb 2017 14:47

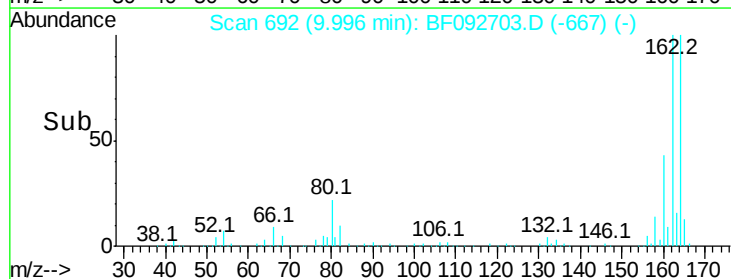
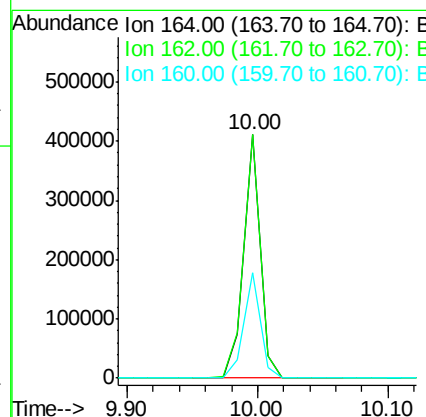
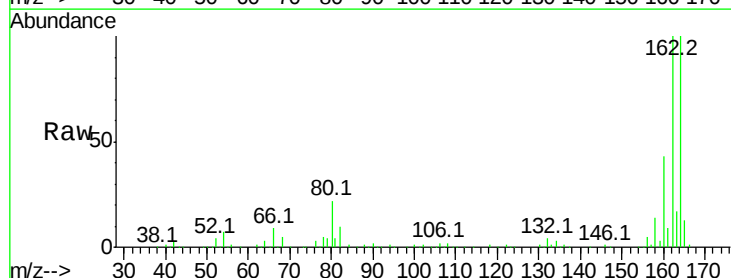
Instrument :
 BNA_F
 ClientSampleId :
 PB96611BL

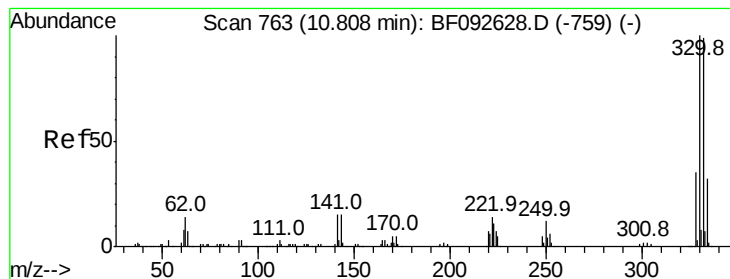
Tot Ion	82	Resp	978545
Ion Ratio	Lower	Upper	
82	100		
128	48.2	34.6	52.0
54	52.7	39.5	59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF092703.D
 Acq: 1 Feb 2017 14:47

Tgt Ion	164	Resp	361821
Ion Ratio	Lower	Upper	
164	100		
162	100.0	80.2	120.2
160	43.5	36.9	55.3





#41

2,4,6-Tribromophenol

Concen: 122.52 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF092703.D

Acq: 1 Feb 2017 14:47

Instrument :

BNA_F

ClientSampleId :

PB96611BL

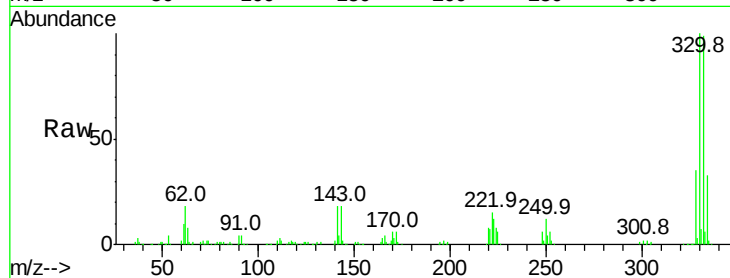
Tot Ion:330 Resp: 320614

Ion Ratio Lower Upper

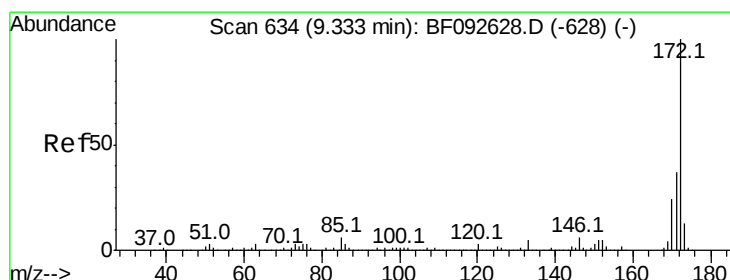
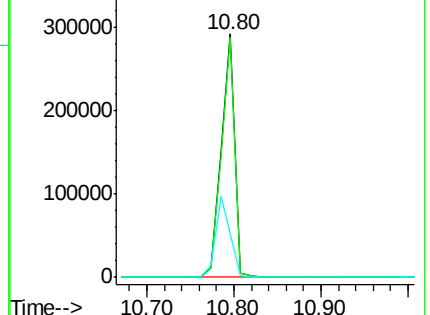
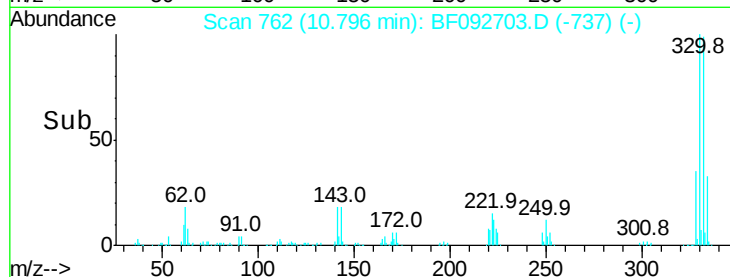
330 100

332 97.4 77.4 116.2

141 35.9 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: 85.02 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF092703.D

Acq: 1 Feb 2017 14:47

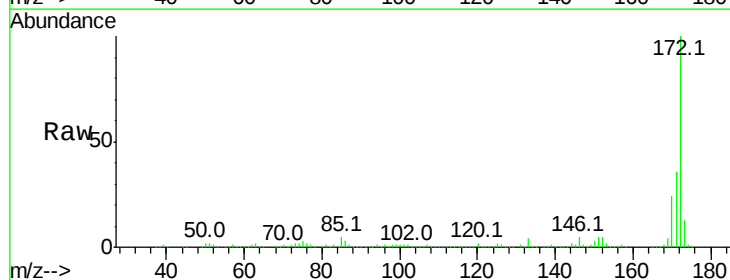
Tgt Ion:172 Resp: 1697903

Ion Ratio Lower Upper

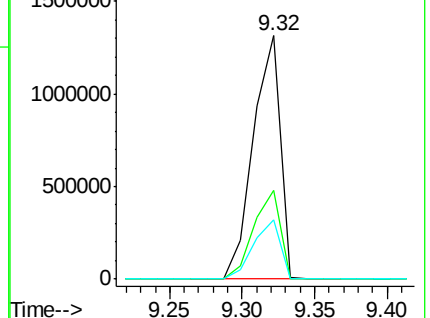
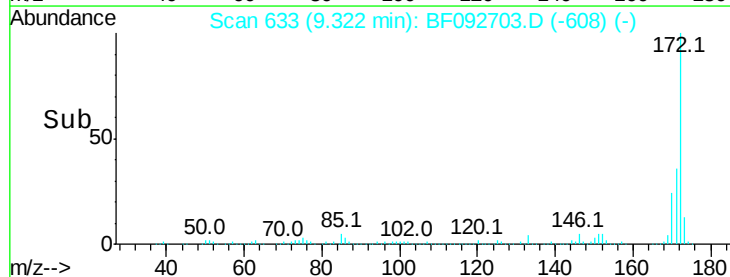
172 100

171 36.2 29.4 44.0

170 24.1 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

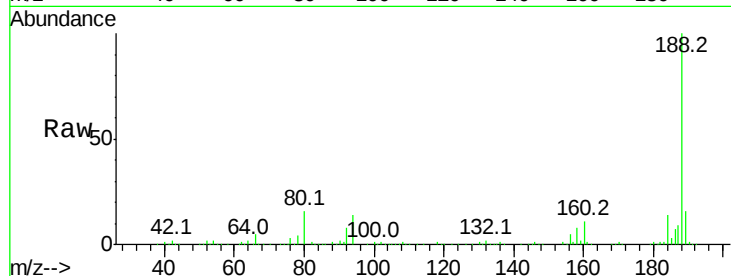




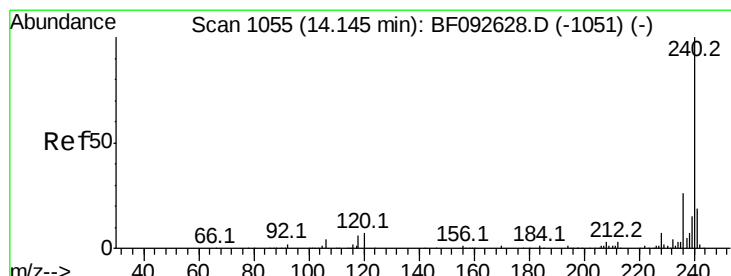
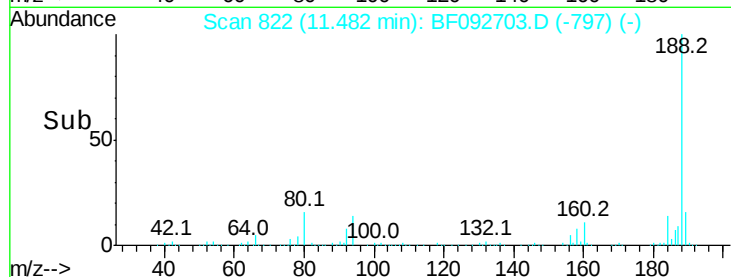
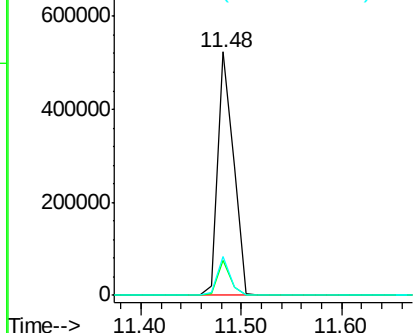
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF092703.D
Acq: 1 Feb 2017 14:47

Instrument :
BNA_F
ClientSampleId :
PB96611BL

Tot Ion:188 Resp: 570019
Ion Ratio Lower Upper
188 100
94 14.2 10.0 15.0
80 16.1 11.2 16.8

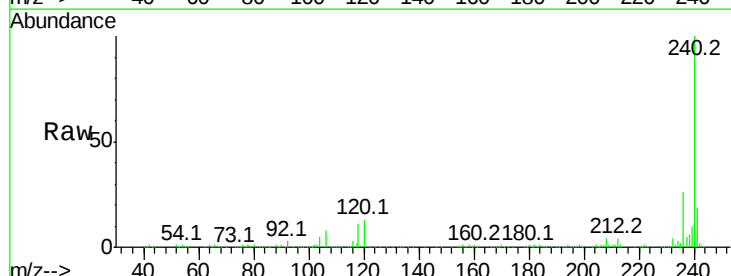


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

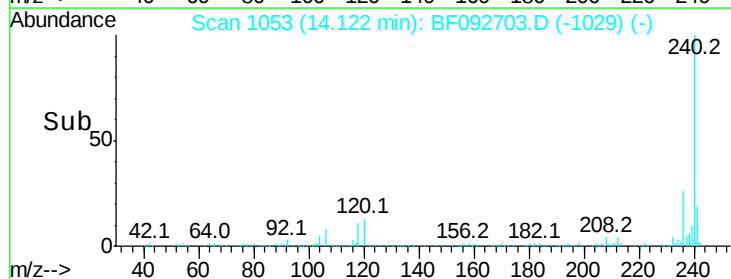
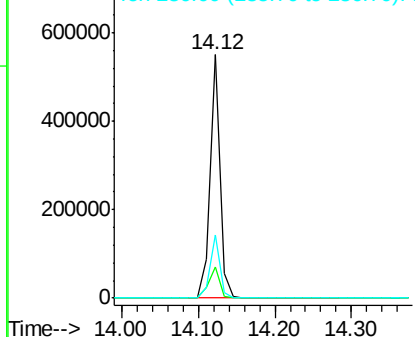


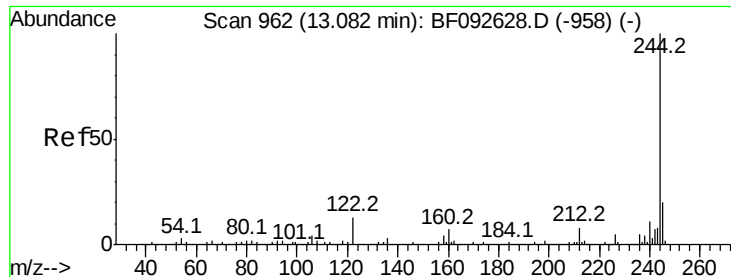
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF092703.D
Acq: 1 Feb 2017 14:47

Tgt Ion:240 Resp: 485683
Ion Ratio Lower Upper
240 100
120 12.6 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: 70.31 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092703.D

Acq: 1 Feb 2017 14:47

Instrument :

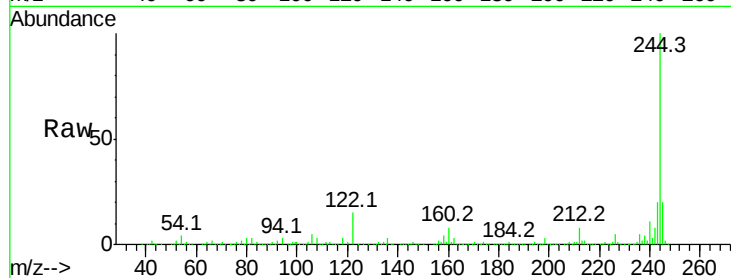
BNA_F

ClientSampleId :

PB96611BL

Tot Ion:244 Resp: 1453287

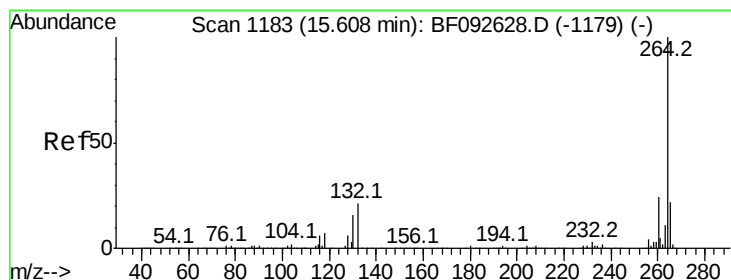
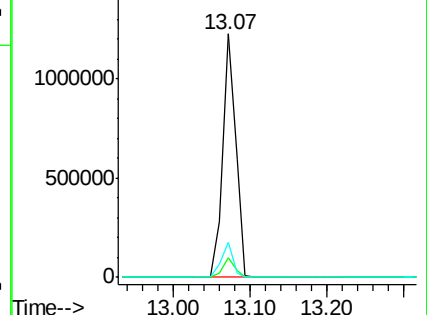
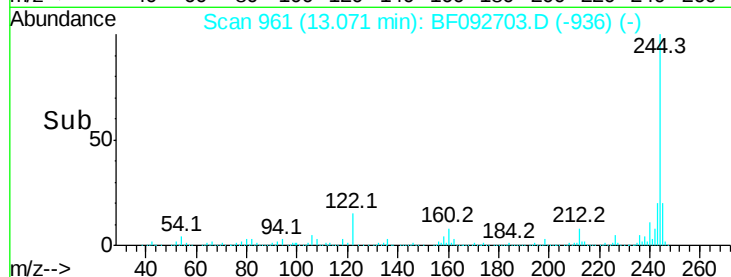
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	14.5	11.4	17.2



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: 15.59 min Scan# 1181

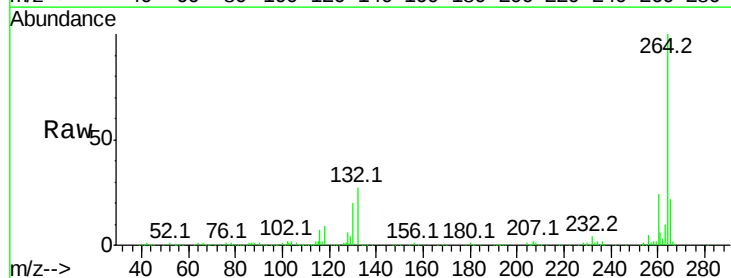
Delta R.T. -0.02 min

Lab File: BF092703.D

Acq: 1 Feb 2017 14:47

Tgt Ion:264 Resp: 376250

Ion	Ratio	Lower	Upper
264	100		
260	23.8	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

