

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
 Data File : BF092307.D
 Acq On : 17 Jan 2017 3:45
 Operator : UM/SJ
 Sample : PB96012TB
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96012TB

Quant Time: Jan 17 06:25:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 00:52:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	165568	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	656214	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	406844	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	624115	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	389762	20.00	ng	-0.01
86) Perylene-d12	15.05	264	410438	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	1234211	124.47	ng	0.01
7) Phenol-d6	6.23	99	1662492	137.32	ng	0.00
23) Nitrobenzene-d5	7.14	82	1074155	91.02	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	350480	104.09	ng	-0.01
44) 2-Fluorobiphenyl	8.93	172	1633357	81.77	ng	0.00
78) Terphenyl-d14	12.66	244	1307038	81.33	ng	0.00

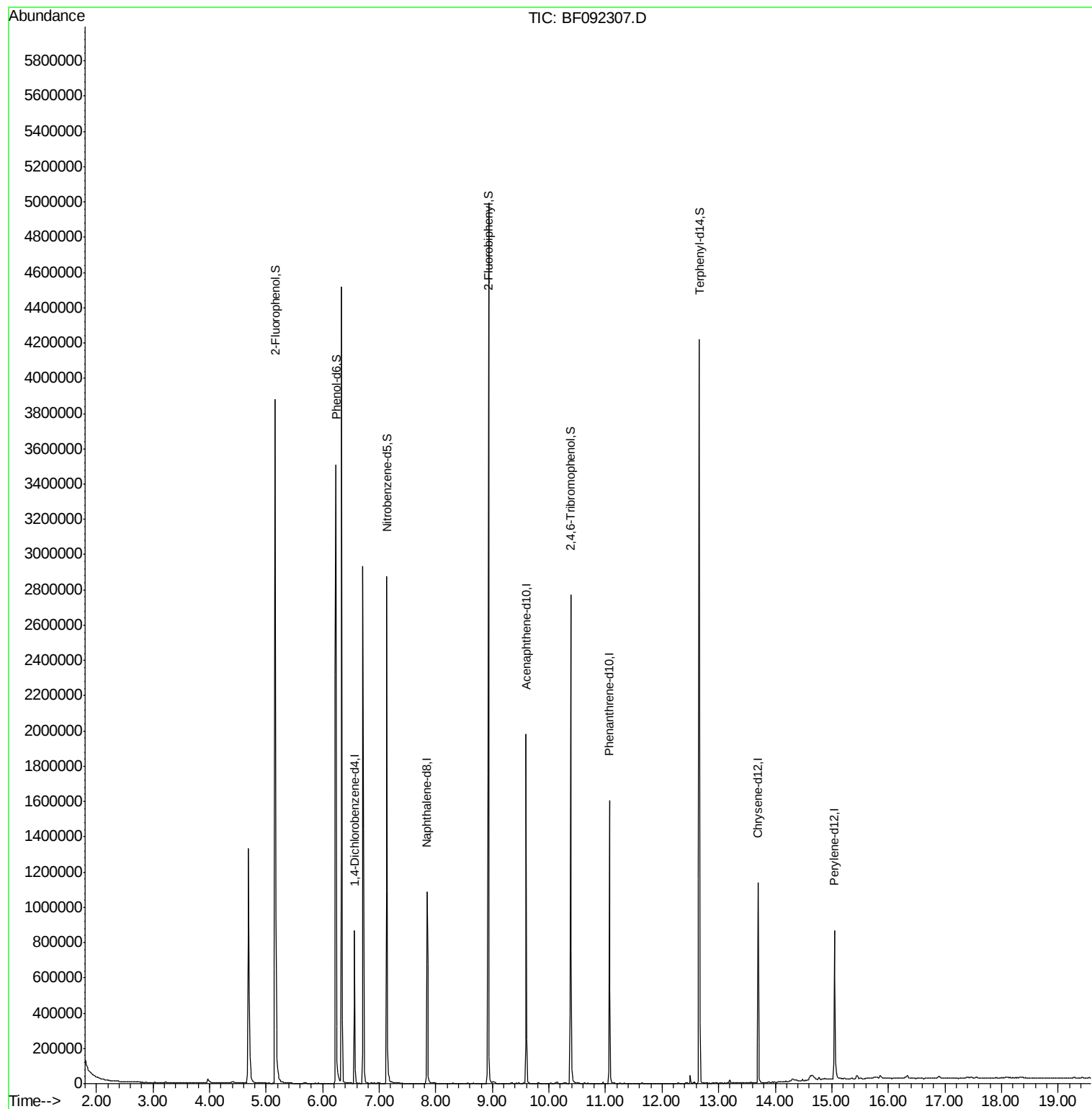
Target Compounds Qvalue

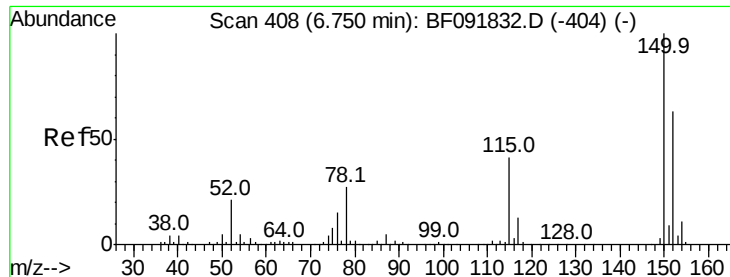
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.00 min

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Acq: 17 Jan 2017 3:45

Instrument :

BNA_F

ClientSampleId :

PB96012TB

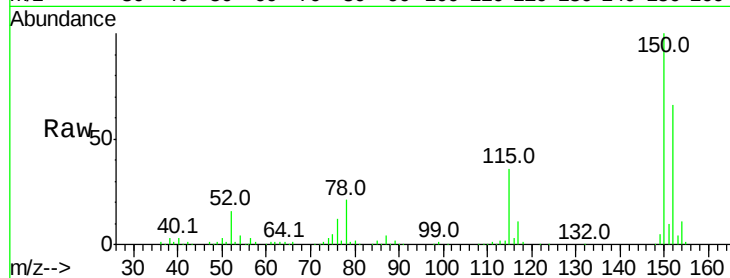
Tot Ion:152 Resp: 165568

Ion Ratio Lower Upper

152 100

150 151.0 124.9 187.3

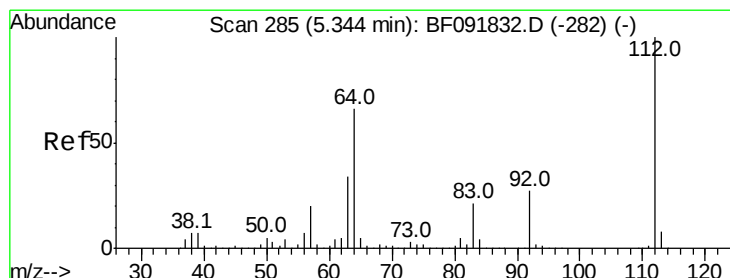
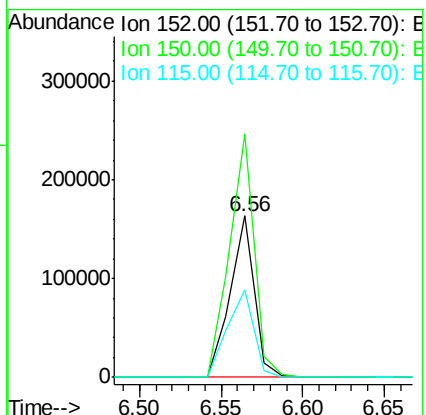
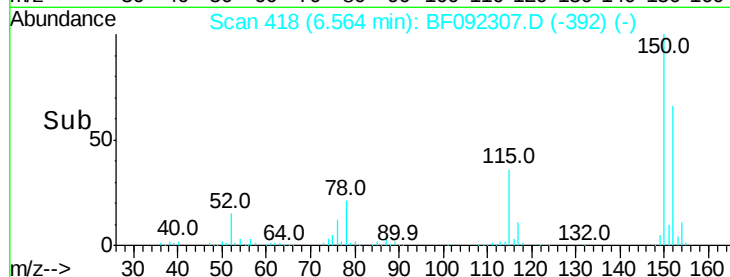
115 54.2 46.0 69.0



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: 124.47 ng

RT: 5.16 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF092307.D

Acq: 17 Jan 2017 3:45

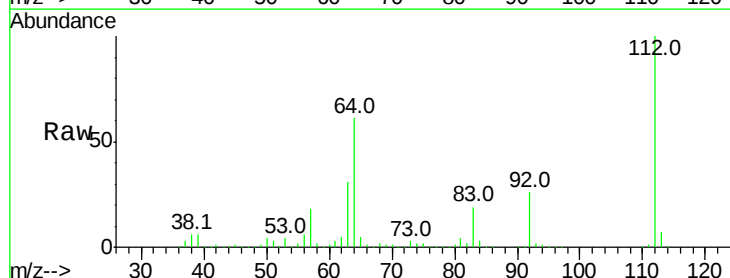
Tgt Ion:112 Resp: 1234211

Ion Ratio Lower Upper

112 100

64 61.0 46.1 69.1

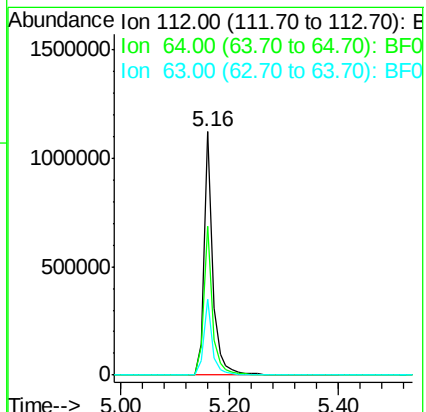
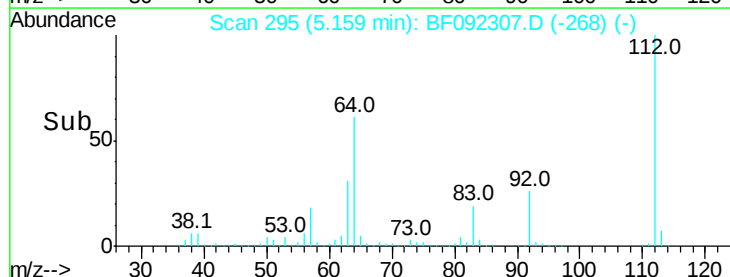
63 31.0 23.8 35.6



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: 137.32 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF092307.D

Acq: 17 Jan 2017 3:45

Instrument :

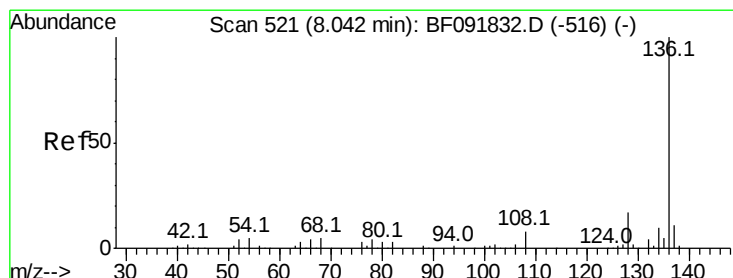
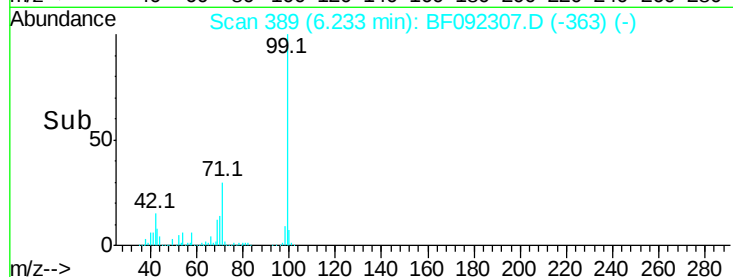
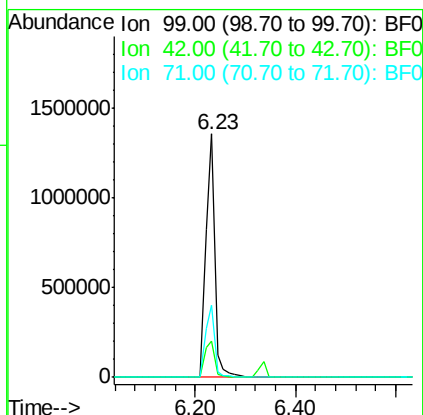
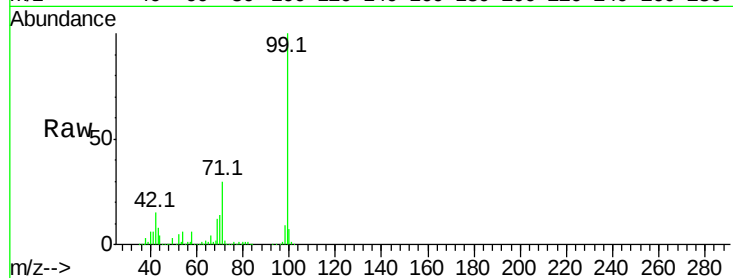
BNA_F

ClientSampleId :

PB96012TB

Tot Ion: 99 Resp: 1662492

Ion	Ratio	Lower	Upper
99	100		
42	15.1	15.6	23.4#
71	29.5	27.5	41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 530

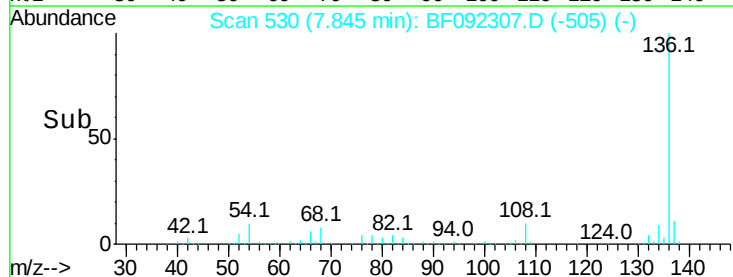
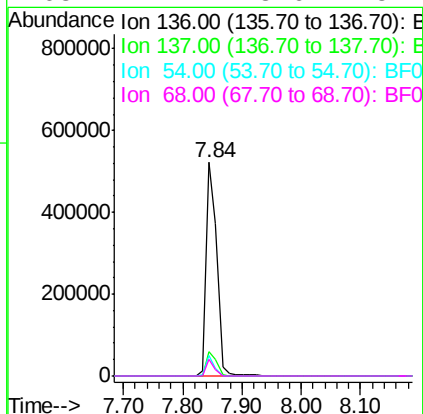
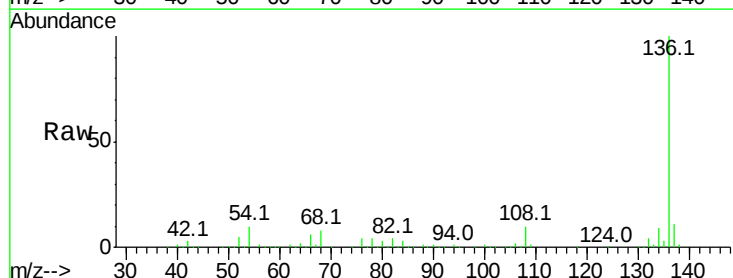
Delta R.T. -0.01 min

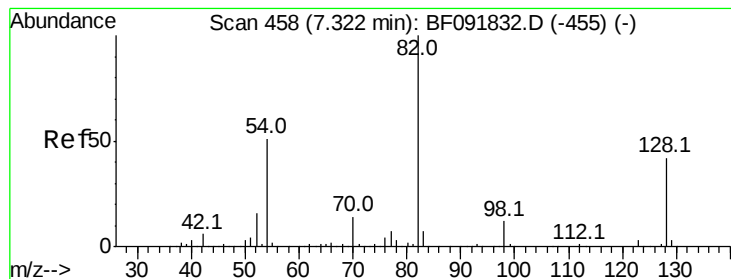
Lab File: BF092307.D

Acq: 17 Jan 2017 3:45

Tgt Ion: 136 Resp: 656214

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	9.7	4.5	6.7#
68	7.7	3.6	5.4#





#23

Nitrobenzene-d5

Concen: 91.02 ng

RT: 7.14 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF092307.D

Acq: 17 Jan 2017 3:45

Instrument :

BNA_F

ClientSampleId :

PB96012TB

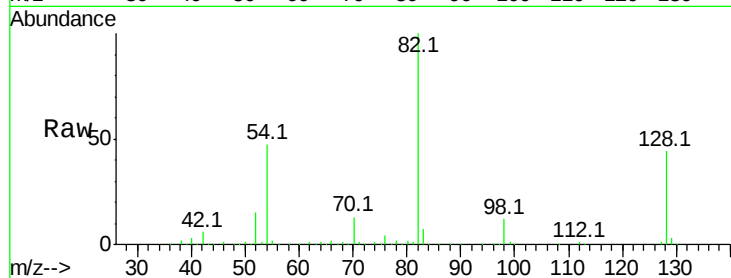
Tot Ion: 82 Resp: 1074155

Ion Ratio Lower Upper

82 100

128 43.8 34.6 52.0

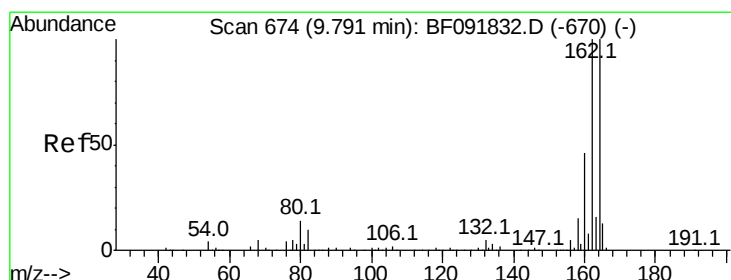
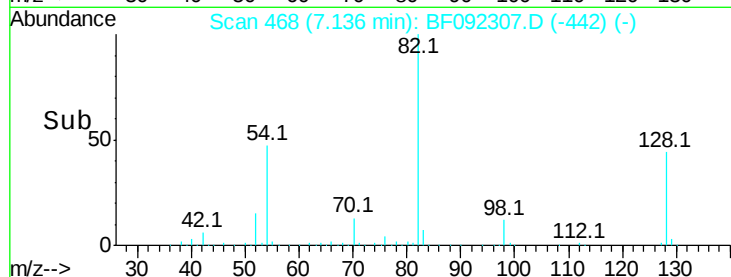
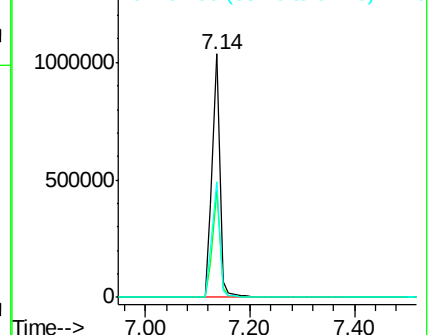
54 47.4 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF092307.D

Acq: 17 Jan 2017 3:45

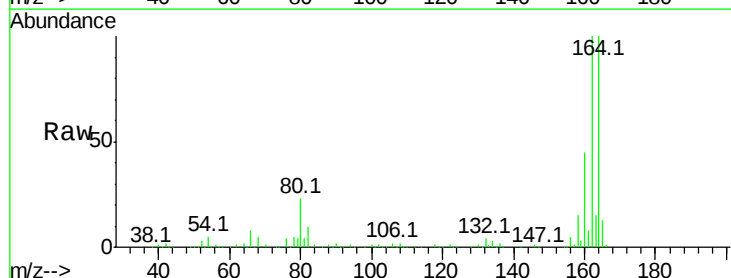
Tgt Ion:164 Resp: 406844

Ion Ratio Lower Upper

164 100

162 99.8 80.2 120.2

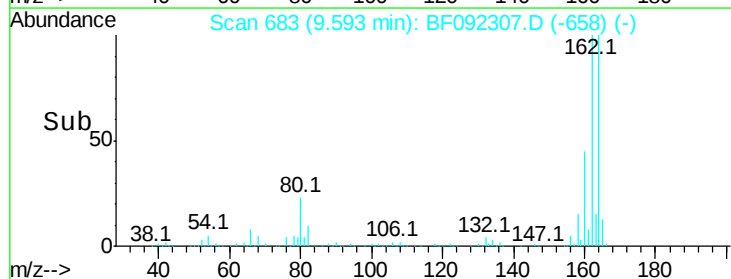
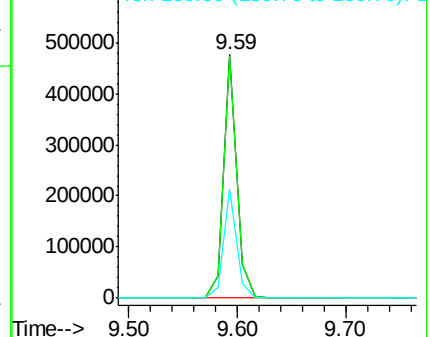
160 44.6 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

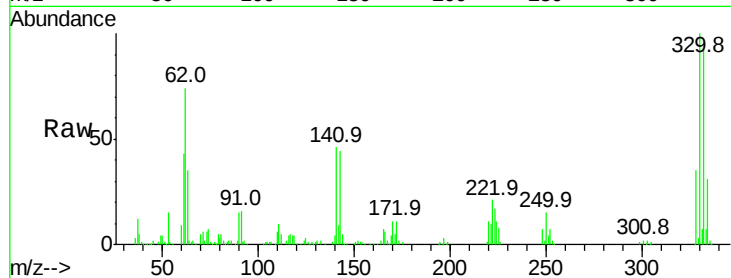




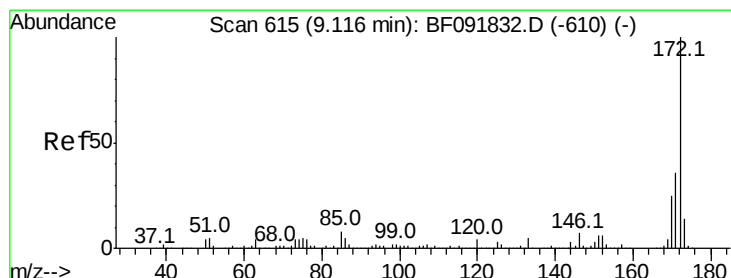
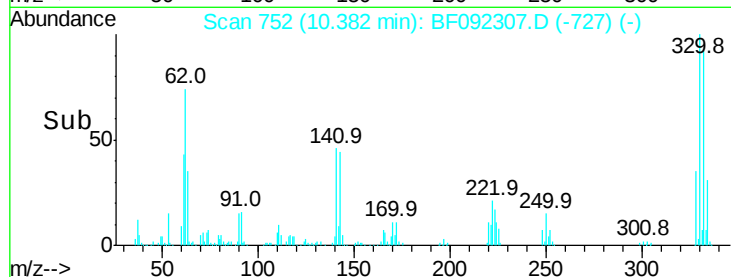
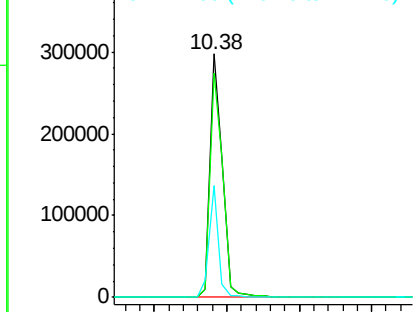
#41
 2,4,6-Tribromophenol
 Concen: 104.09 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF092307.D
 Acq: 17 Jan 2017 3:45

Instrument :
 BNA_F
 ClientSampleId :
 PB96012TB

Tot Ion:330 Resp: 350480
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.2
 141 35.6 34.1 51.1

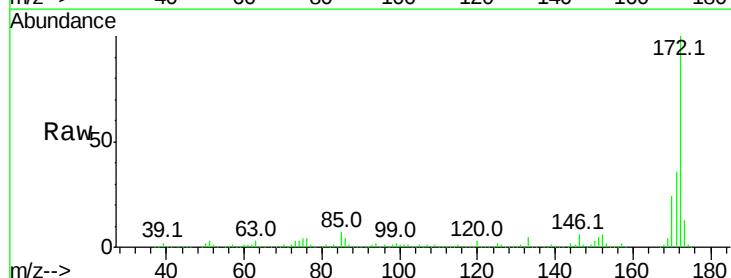


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

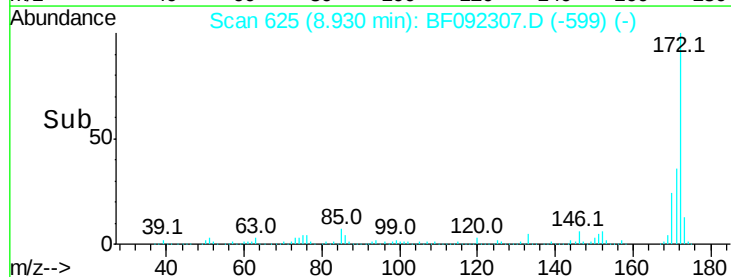
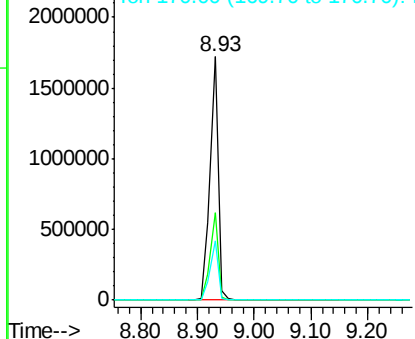


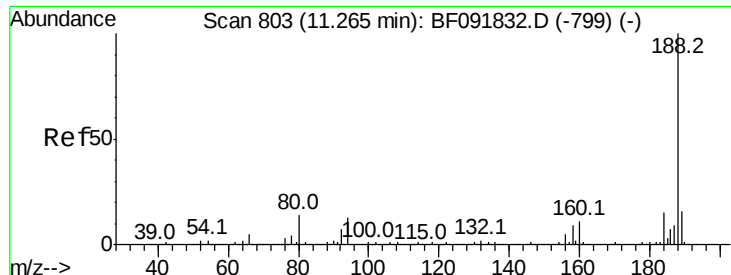
#44
 2-Fluorobiphenyl
 Concen: 81.77 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092307.D
 Acq: 17 Jan 2017 3:45

Tgt Ion:172 Resp: 1633357
 Ion Ratio Lower Upper
 172 100
 171 35.8 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

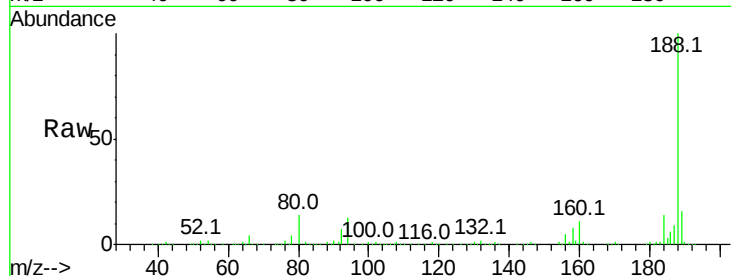




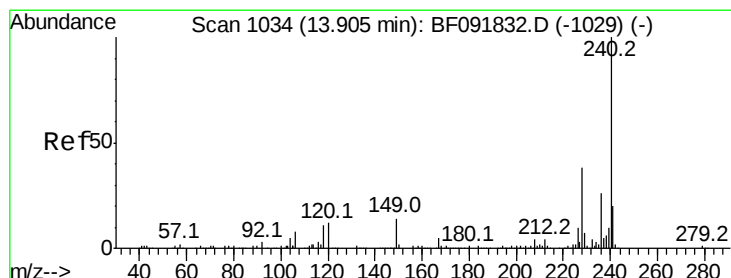
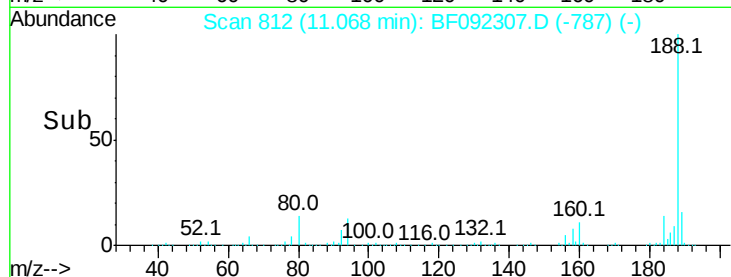
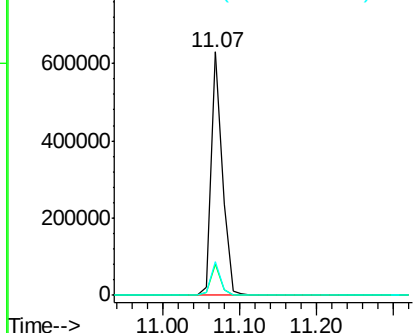
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF092307.D
 Acq: 17 Jan 2017 3:45

Instrument :
 BNA_F
 ClientSampleId :
 PB96012TB

Tot Ion:188 Resp: 624115
 Ion Ratio Lower Upper
 188 100
 94 12.6 10.0 15.0
 80 13.6 11.2 16.8

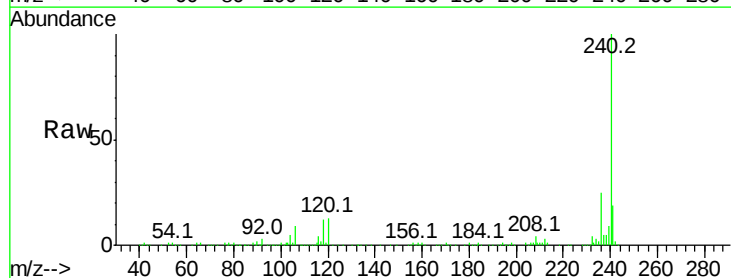


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

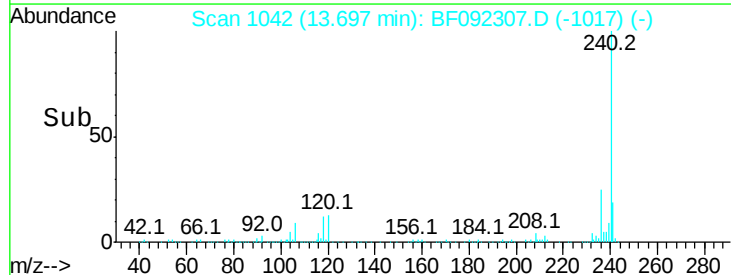
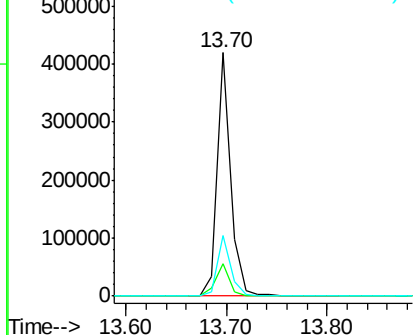


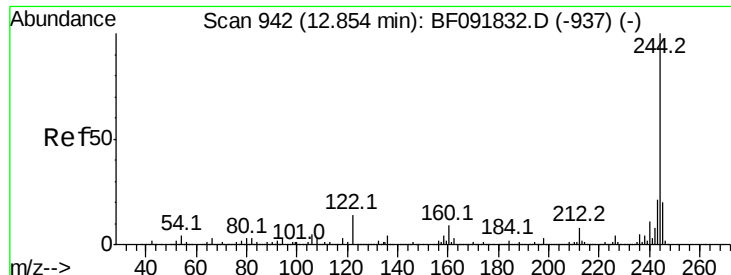
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.70 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF092307.D
 Acq: 17 Jan 2017 3:45

Tgt Ion:240 Resp: 389762
 Ion Ratio Lower Upper
 240 100
 120 13.3 12.9 19.3
 236 25.0 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: 81.33 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF092307.D

Acq: 17 Jan 2017 3:45

Instrument :

BNA_F

ClientSampleId :

PB96012TB

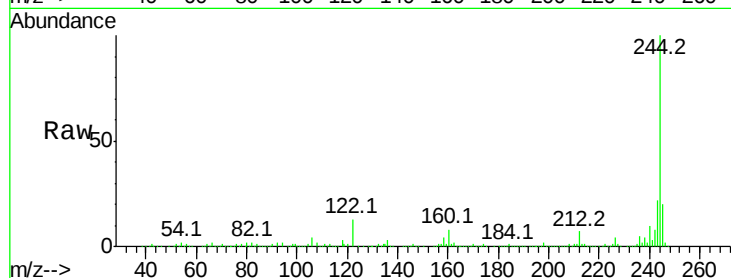
Tot Ion:244 Resp: 1307038

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

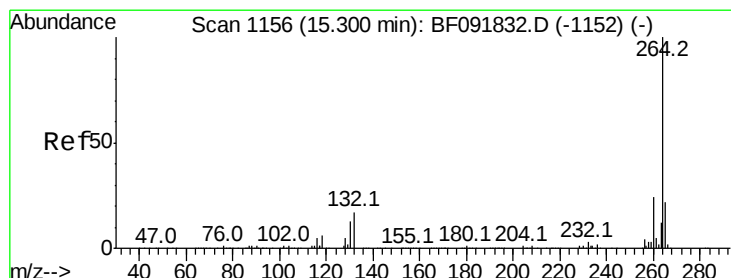
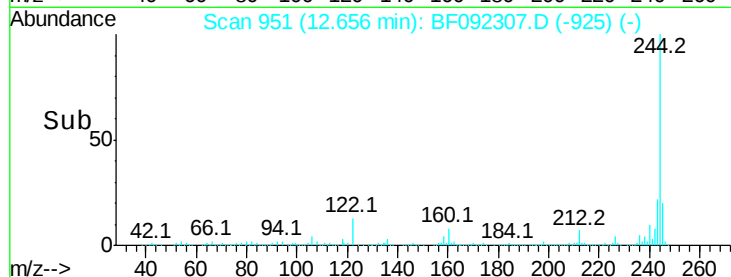
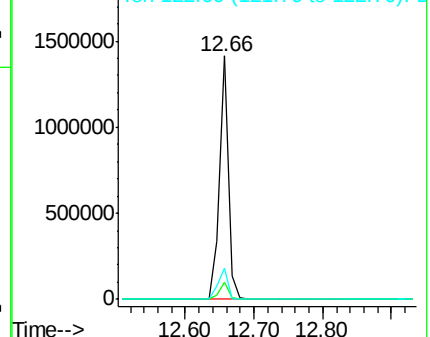
122 12.9 11.4 17.2



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: 15.05 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF092307.D

Acq: 17 Jan 2017 3:45

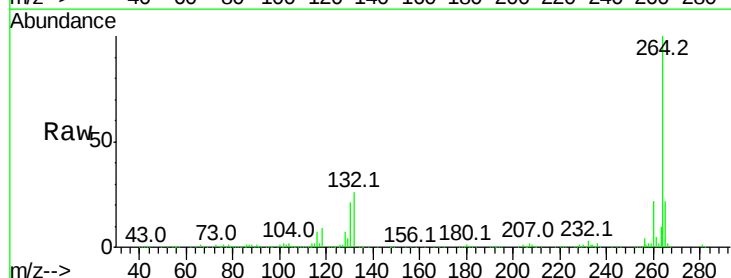
Tgt Ion:264 Resp: 410438

Ion Ratio Lower Upper

264 100

260 22.3 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

