

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
 Data File : BF091723.D
 Acq On : 18 Dec 2016 1:12
 Operator : UM/SJ
 Sample : PB95409BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95409BL

Quant Time: Dec 18 03:23:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	265141	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	1152466	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	593082	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	1094306	20.00	ng	0.00
75) Chrysene-d12	13.92	240	977103	20.00	ng	-0.01
86) Perylene-d12	15.32	264	914924	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	2078059	131.31	ng	0.01
7) Phenol-d6	6.41	99	2364523	122.51	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1595054	79.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	630546	125.38	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2596501	87.95	ng	-0.01
78) Terphenyl-d14	12.88	244	2486640	64.26	ng	0.00

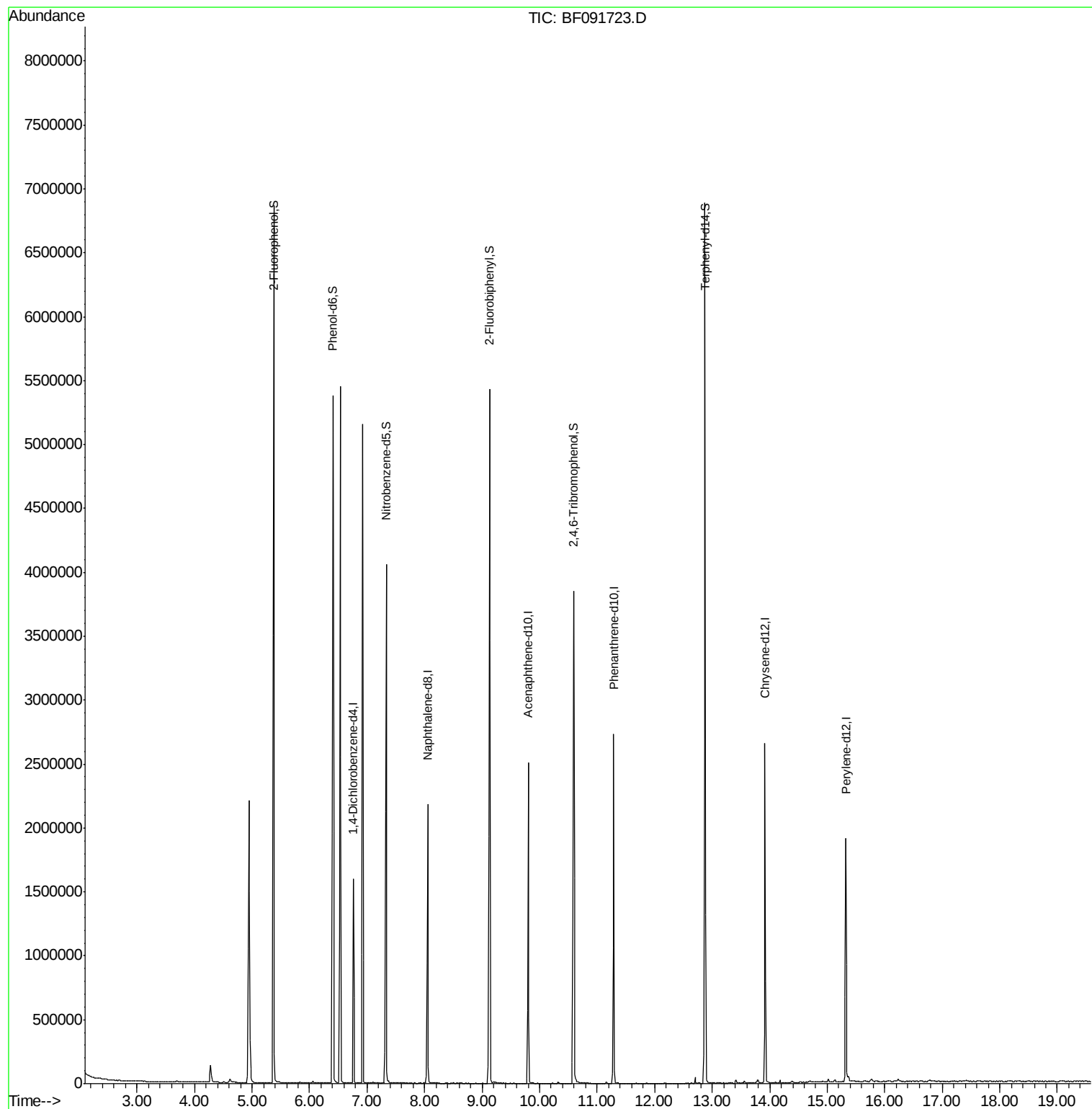
Target Compounds Qvalue

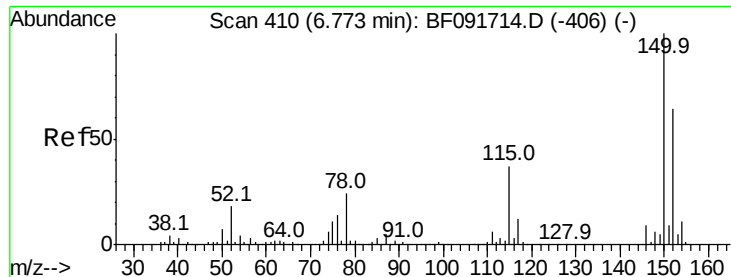
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

Instrument :

BNA_F

ClientSampleId :

PB95409BL

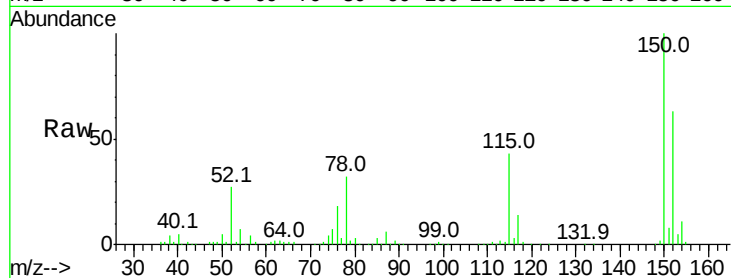
Tot Ion:152 Resp: 265141

Ion Ratio Lower Upper

152 100

150 157.6 124.9 187.3

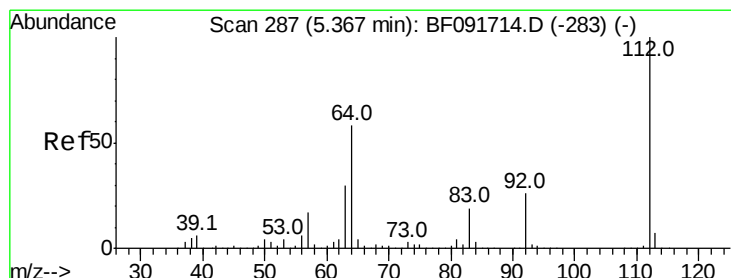
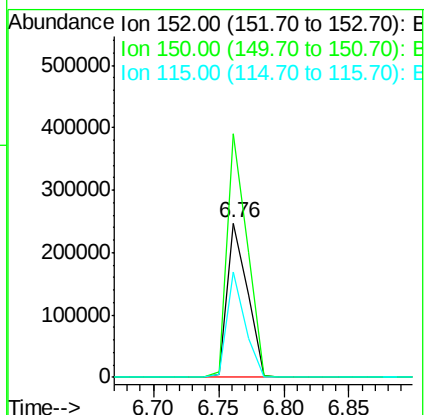
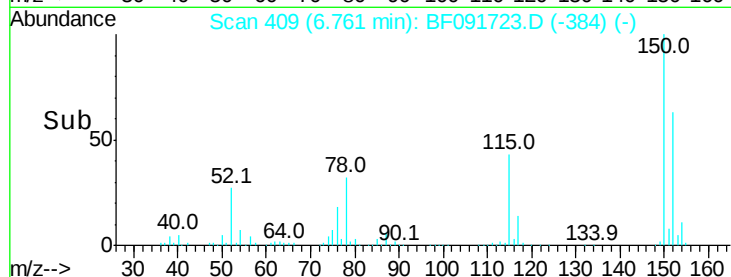
115 68.1 46.0 69.0



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: 131.31 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

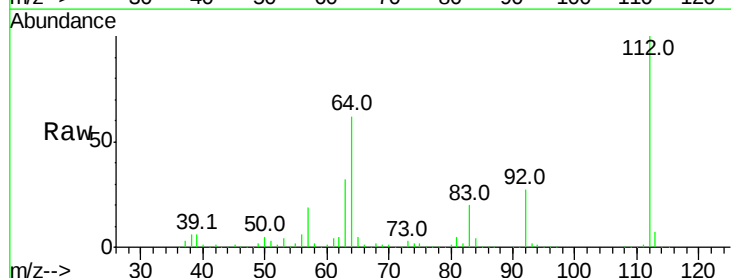
Tgt Ion:112 Resp: 2078059

Ion Ratio Lower Upper

112 100

64 62.2 46.1 69.1

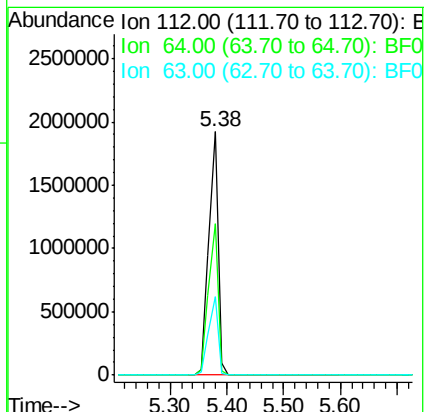
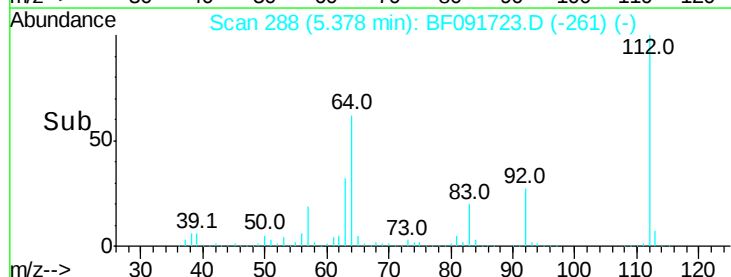
63 32.0 23.8 35.6

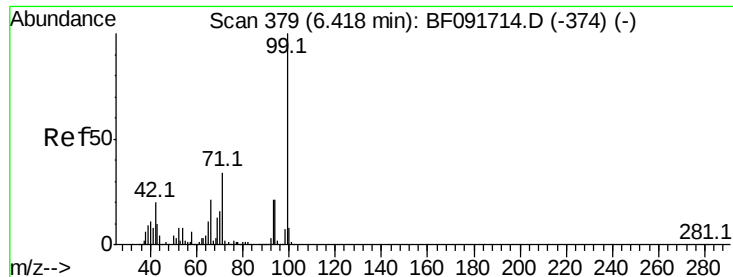


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.51 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

Instrument :

BNA_F

ClientSampleId :

PB95409BL

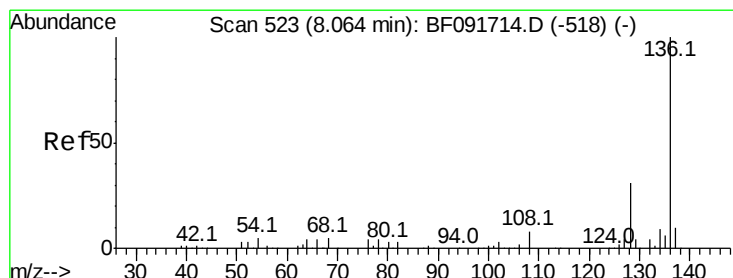
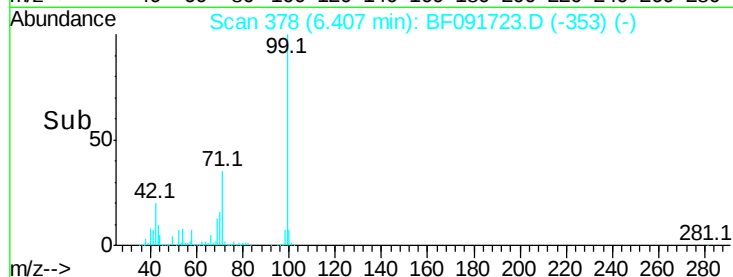
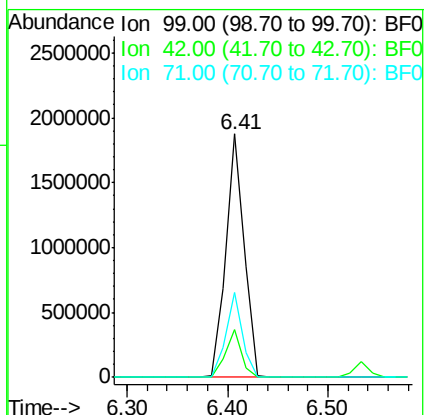
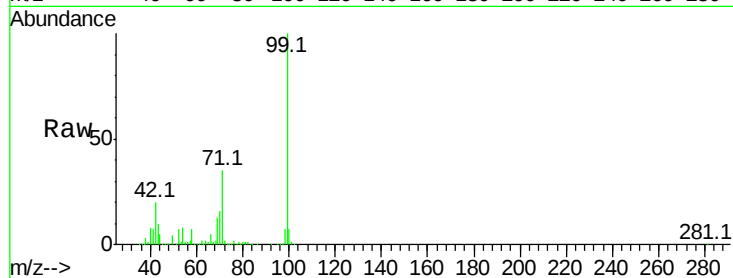
Tot Ion: 99 Resp: 2364523

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

71 35.0 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

Tgt Ion: 136 Resp: 1152466

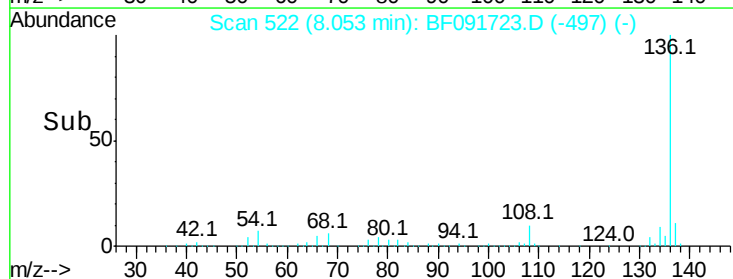
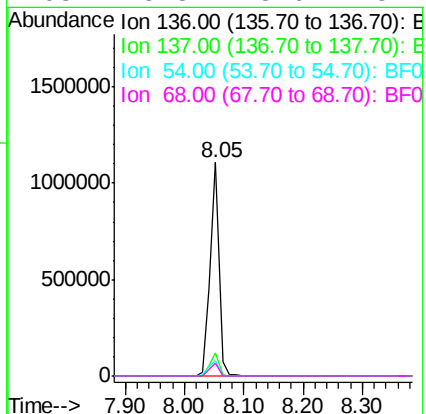
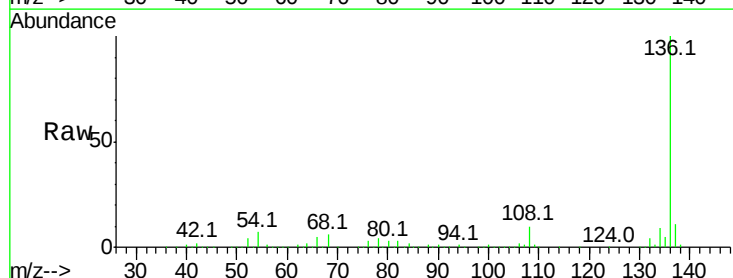
Ion Ratio Lower Upper

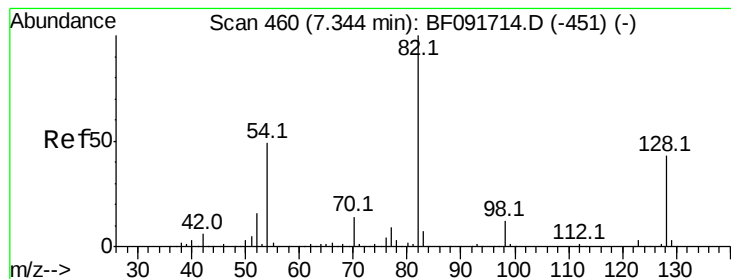
136 100

137 10.9 8.4 12.6

54 7.3 4.5 6.7#

68 5.8 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 79.81 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

Instrument :

BNA_F

ClientSampleId :

PB95409BL

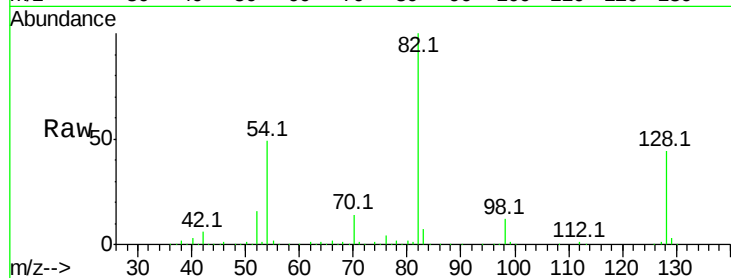
Tot Ion: 82 Resp: 1595054

Ion Ratio Lower Upper

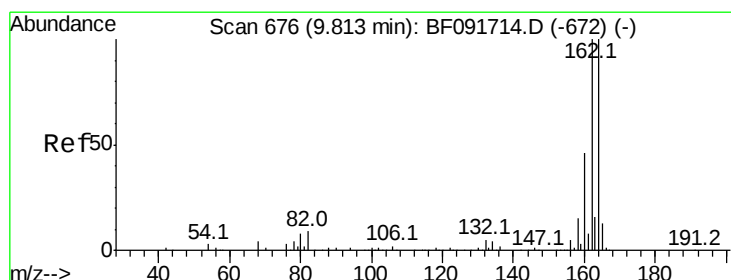
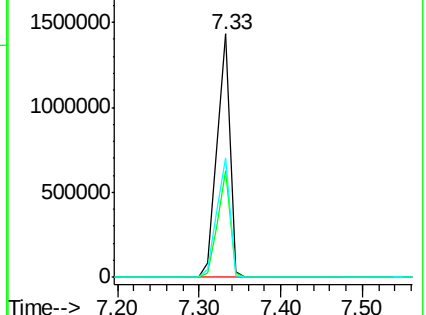
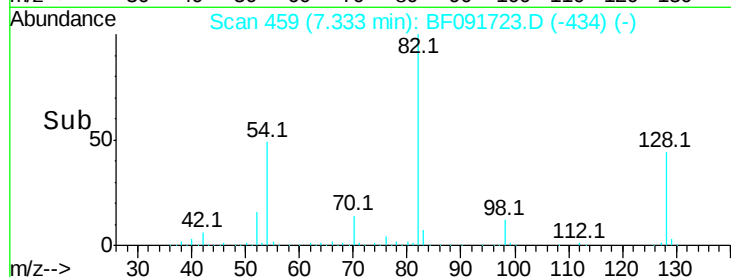
82 100

128 43.8 34.6 52.0

54 49.0 39.5 59.3



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

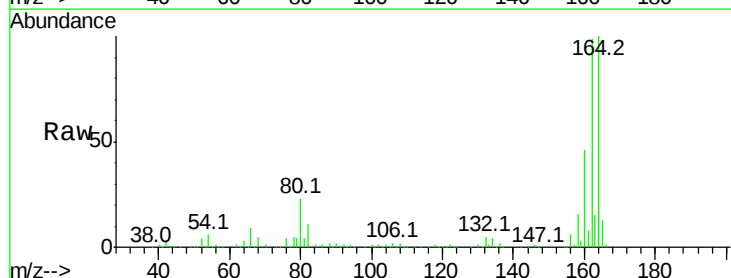
Tgt Ion:164 Resp: 593082

Ion Ratio Lower Upper

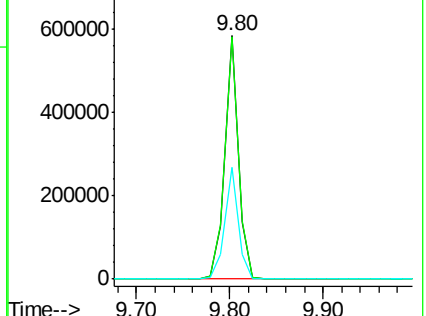
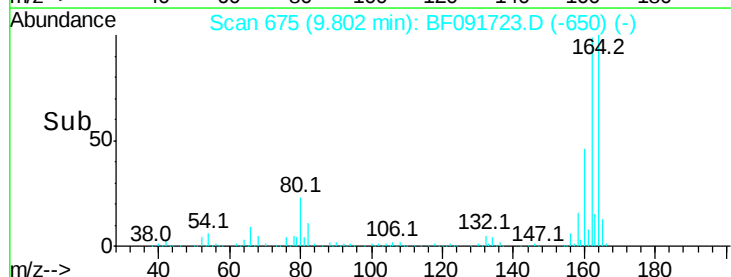
164 100

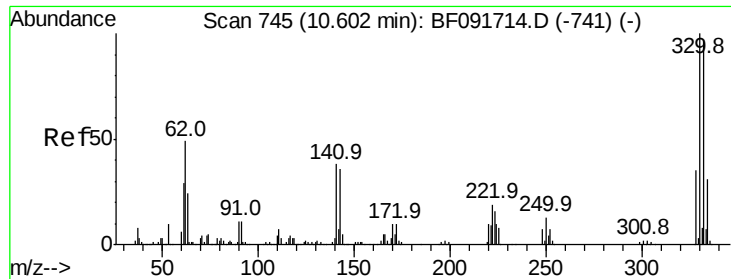
162 99.3 80.2 120.2

160 45.7 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

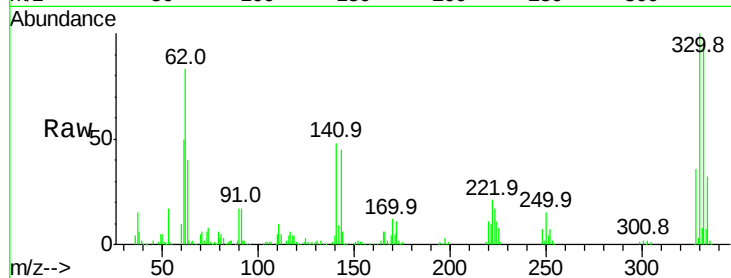




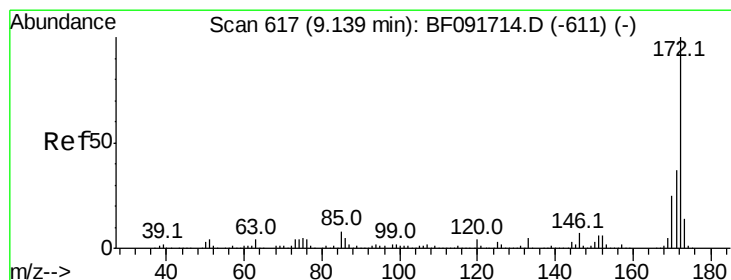
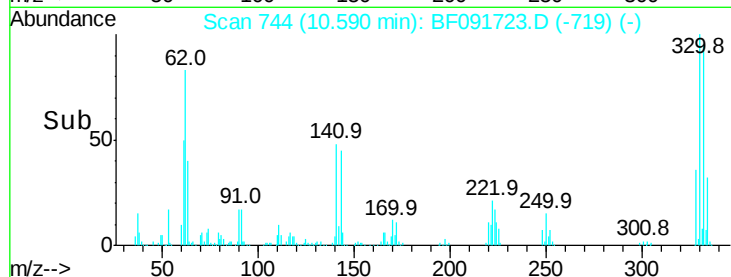
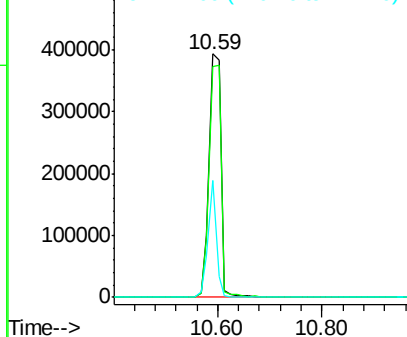
#41
 2,4,6-Tribromophenol
 Concen: 125.38 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF091723.D
 Acq: 18 Dec 2016 1:12

Instrument :
 BNA_F
 ClientSampleID :
 PB95409BL

Tot Ion:330 Resp: 630546
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 33.3 34.1 51.1#

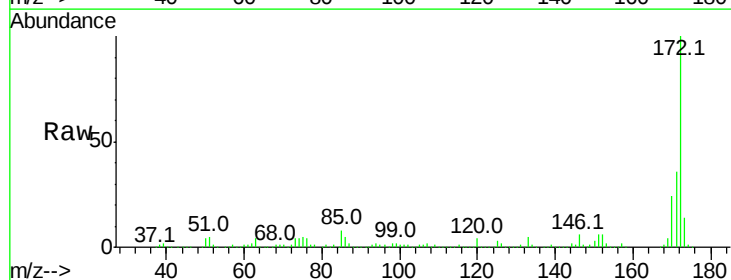


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

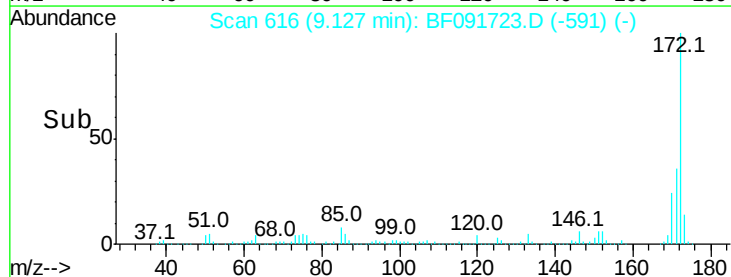
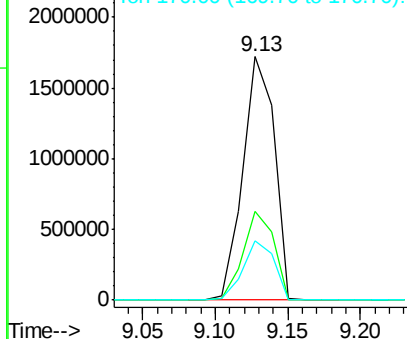


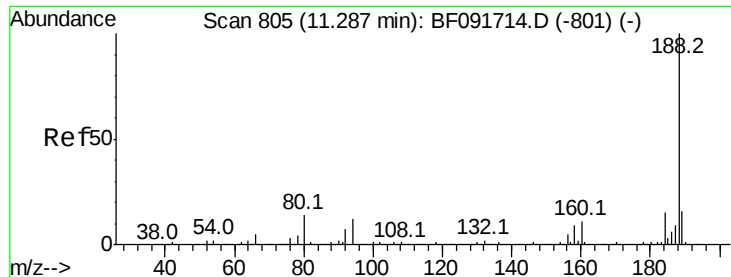
#44
 2-Fluorobiphenyl
 Concen: 87.95 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091723.D
 Acq: 18 Dec 2016 1:12

Tgt Ion:172 Resp: 2596501
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.4 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

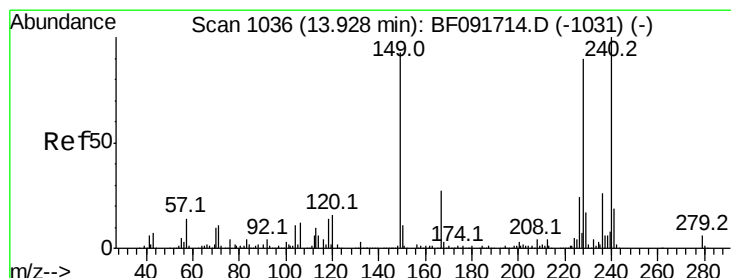
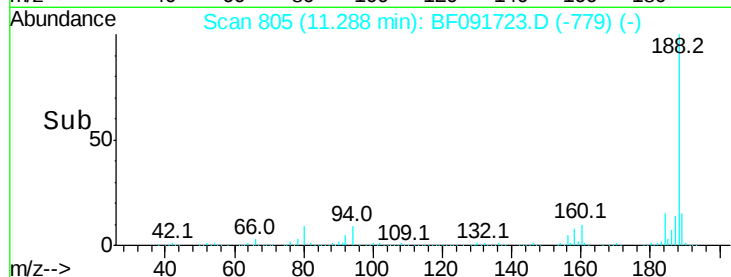
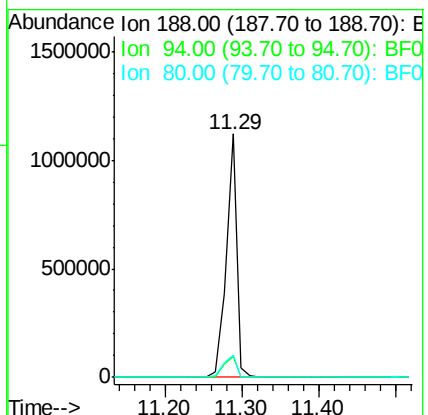
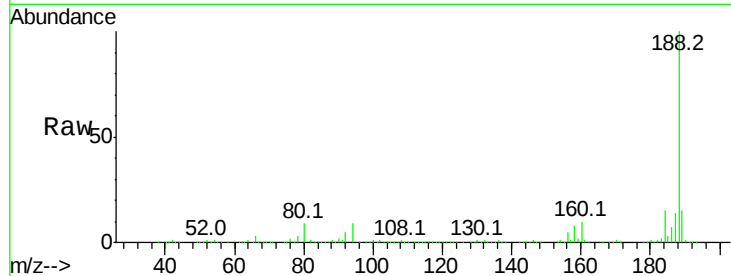




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF091723.D
Acq: 18 Dec 2016 1:12

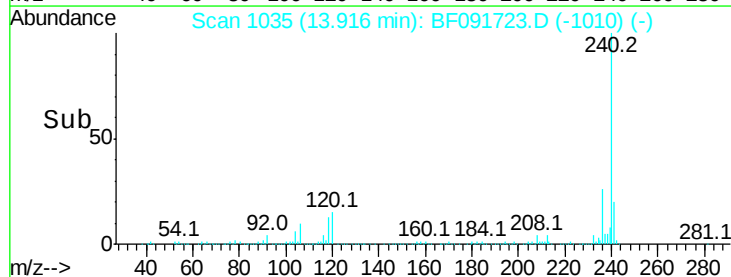
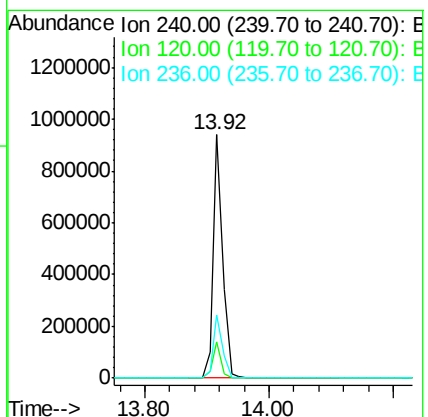
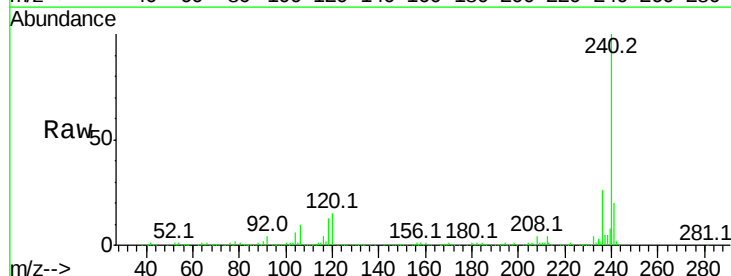
Instrument :
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PB95409BL

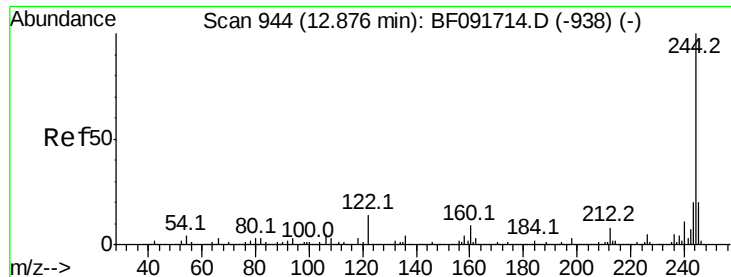
Tot Ion:188 Resp: 1094306
Ion Ratio Lower Upper
188 100
94 8.7 10.0 15.0#
80 9.3 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF091723.D
Acq: 18 Dec 2016 1:12

Tgt Ion:240 Resp: 977103
Ion Ratio Lower Upper
240 100
120 14.7 12.9 19.3
236 25.8 20.9 31.3

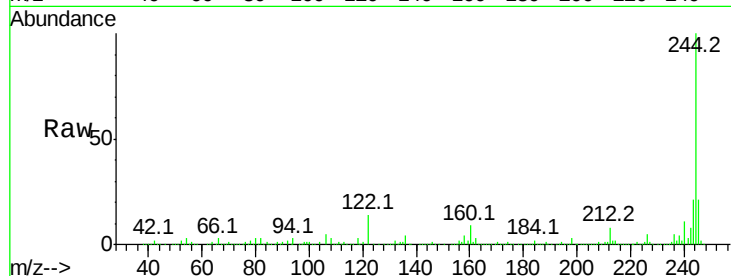




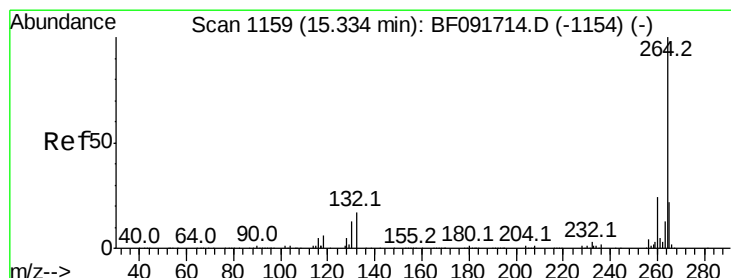
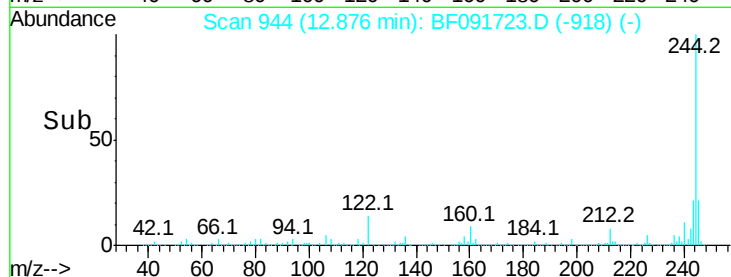
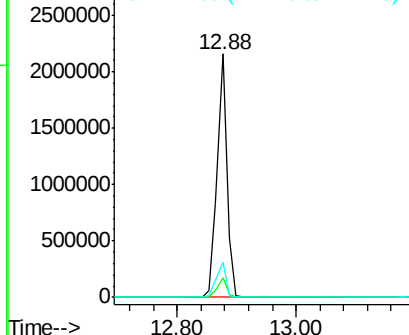
#78
 Terphenyl-d14
 Concen: 64.26 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF091723.D
 Acq: 18 Dec 2016 1:12

Instrument :
 BNA_F
 ClientSampleID :
 PB95409BL

Tot Ion:244 Resp: 2486640
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 14.2 11.4 17.2

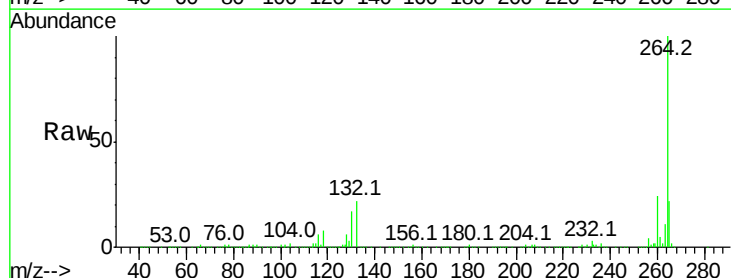


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF091723.D
 Acq: 18 Dec 2016 1:12

Tgt Ion:264 Resp: 914924
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 22.3 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

