

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092888.D
 Acq On : 10 Feb 2017 17:39
 Operator : SJ/MA
 Sample : PB96841BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BL

Quant Time: Feb 10 23:42:44 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 10 23:31:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	156912	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	642037	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	378580	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	652583	20.00	ng	0.00
75) Chrysene-d12	14.05	240	556258	20.00	ng	-0.01
86) Perylene-d12	15.51	264	477809	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	802460	87.74	ng	0.01
7) Phenol-d6	6.53	99	1070727	90.99	ng	0.00
23) Nitrobenzene-d5	7.46	82	801044	69.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	239448	87.45	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1645106	78.73	ng	-0.01
78) Terphenyl-d14	13.01	244	1627435	68.74	ng	0.00

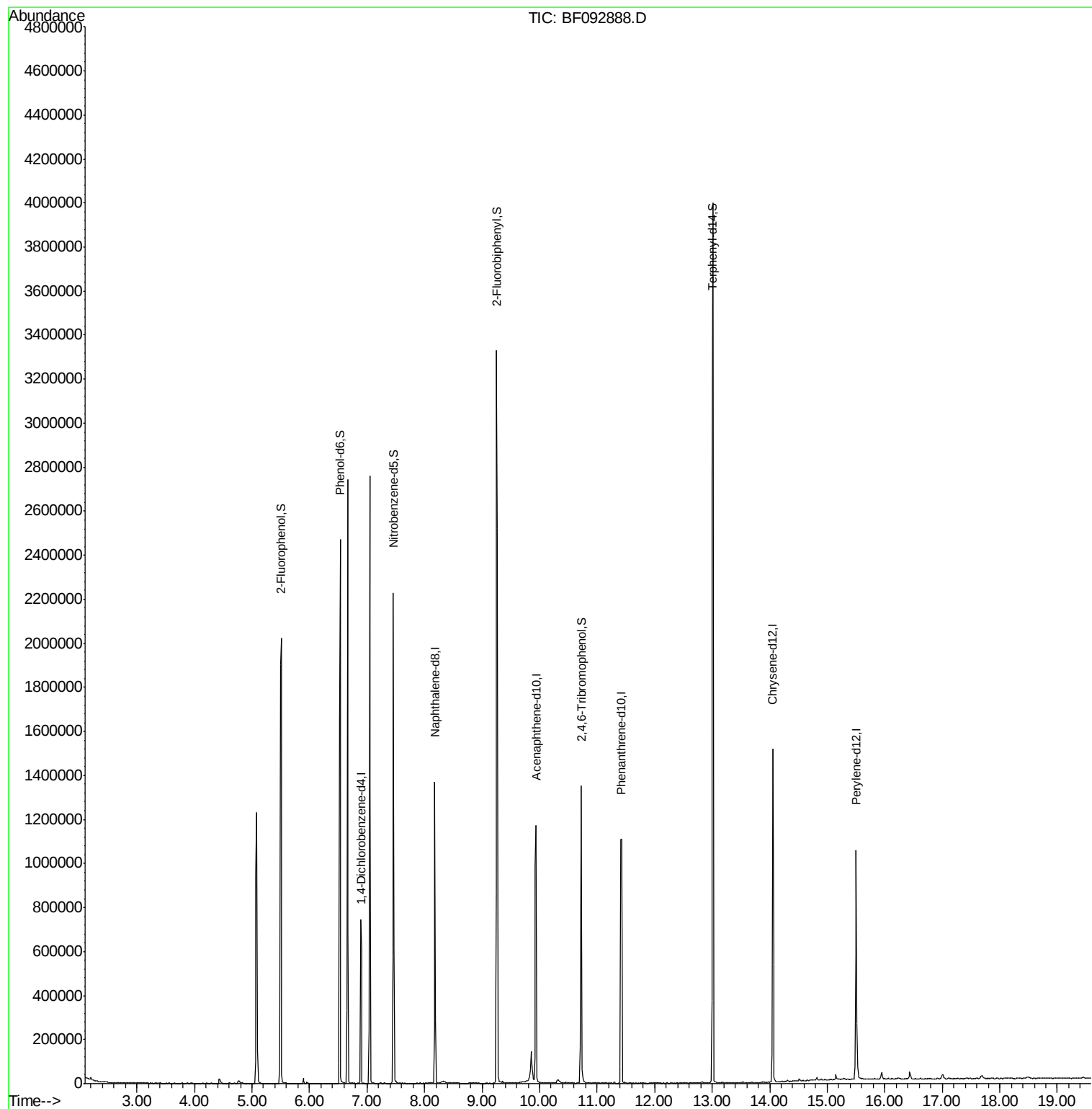
Target Compounds	Qvalue
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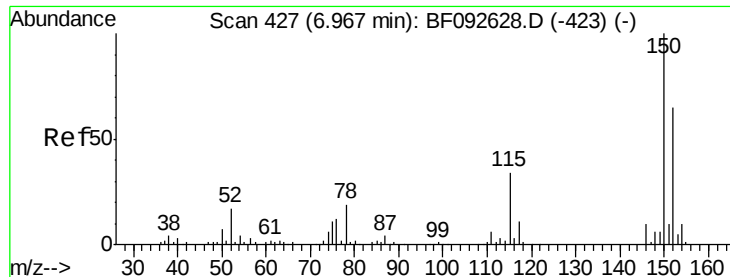
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF092888.D

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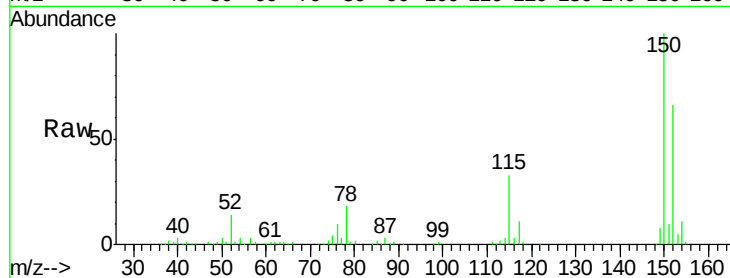
Tgt Ion:152 Resp: 156912

Ion Ratio Lower Upper

152 100

150 151.3 124.9 187.3

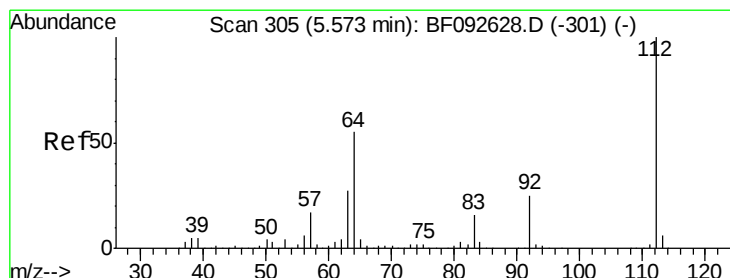
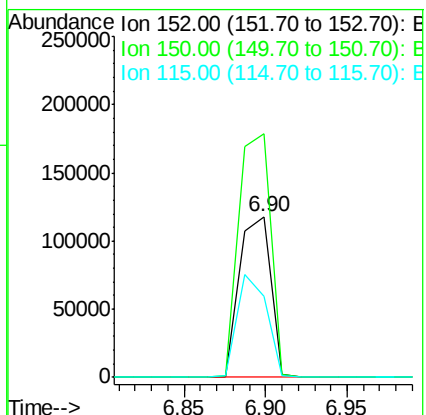
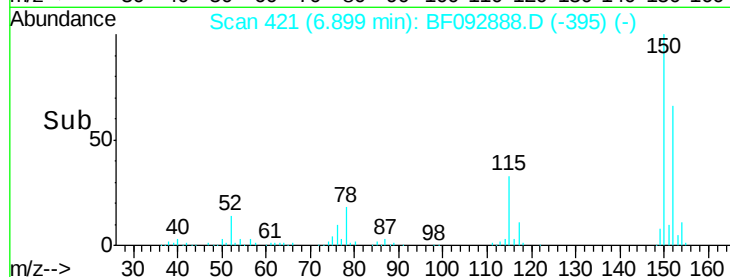
115 50.4 46.0 69.0



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: 87.74 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF092888.D

Acq: 10 Feb 2017 17:39

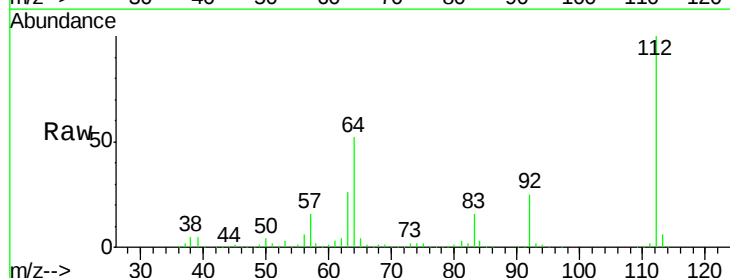
Tgt Ion:112 Resp: 802460

Ion Ratio Lower Upper

112 100

64 52.3 46.1 69.1

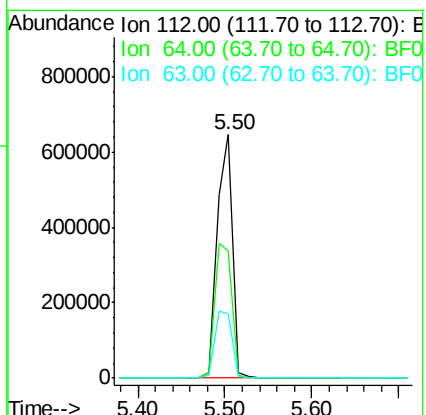
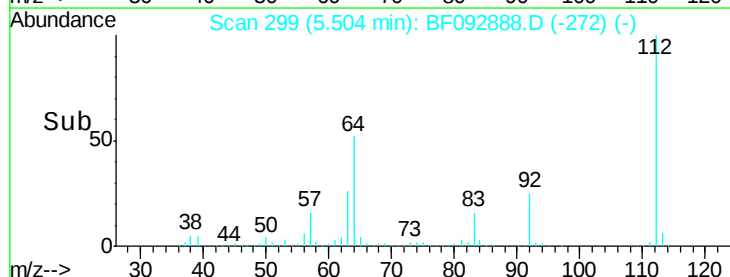
63 26.3 23.8 35.6



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: 90.99 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF092888.D

Acq: 10 Feb 2017 17:39

Instrument :

BNA_F

ClientSampleId :

PB96841BL

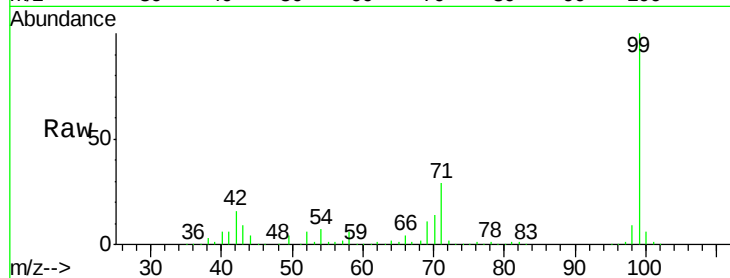
Tgt Ion: 99 Resp: 1070727

Ion Ratio Lower Upper

99 100

42 16.1 15.6 23.4

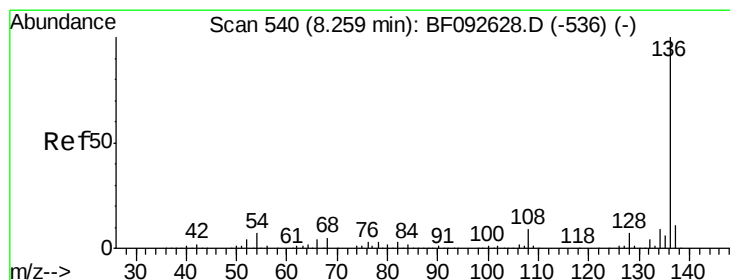
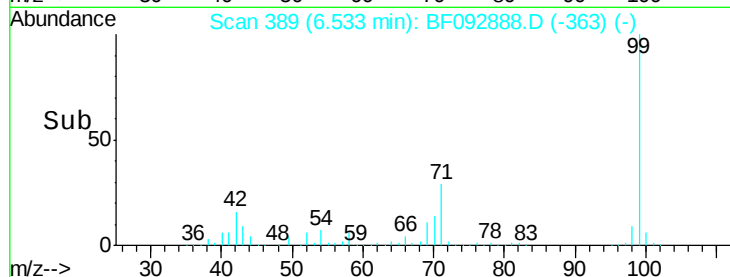
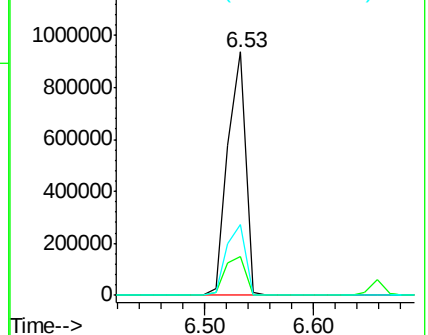
71 29.2 27.5 41.3



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: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF092888.D

Acq: 10 Feb 2017 17:39

Tgt Ion: 136 Resp: 642037

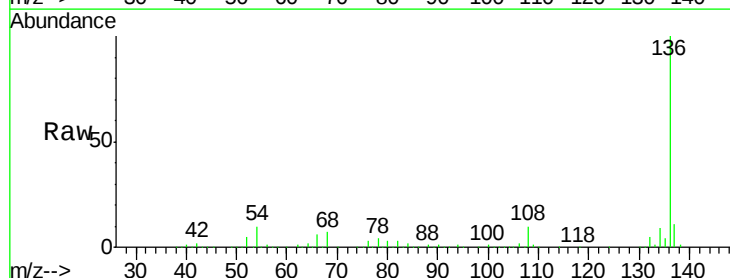
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 10.5 4.5 6.7#

68 6.7 3.6 5.4#

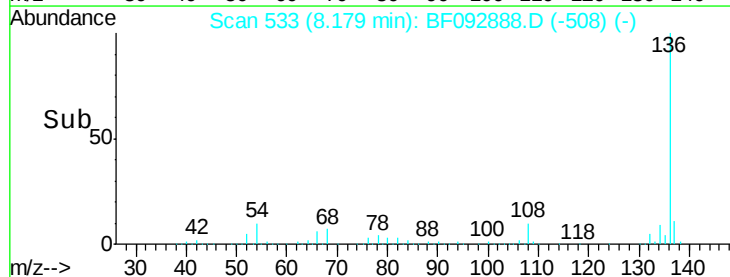
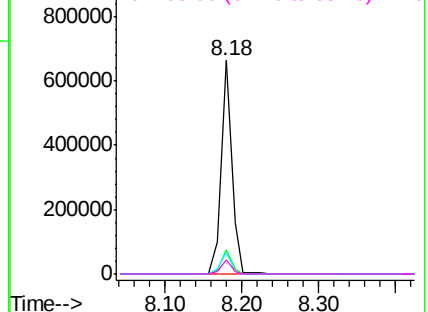


Abundance Ion 136.00 (135.70 to 136.70): E

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

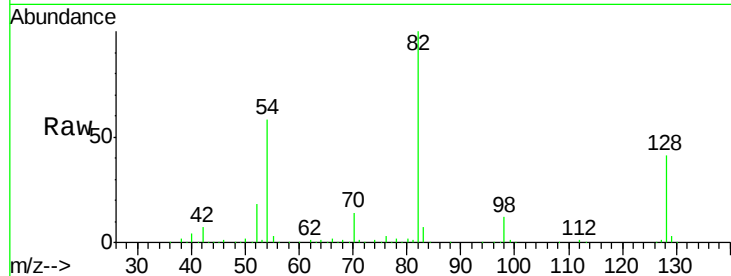




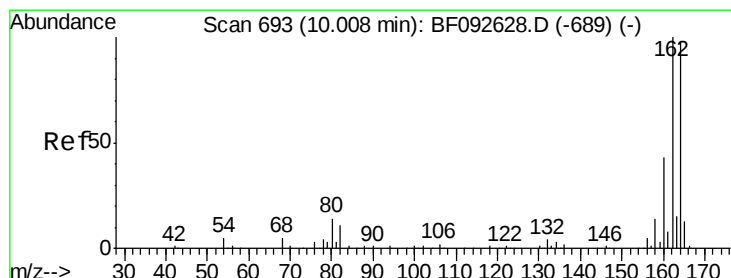
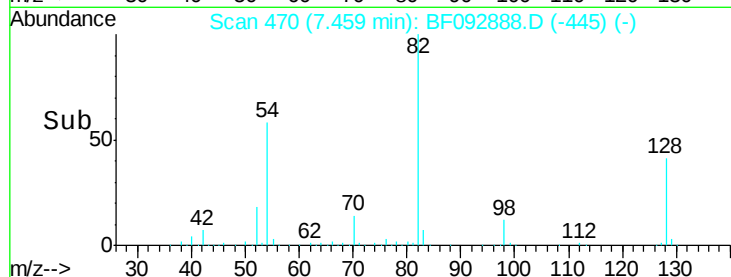
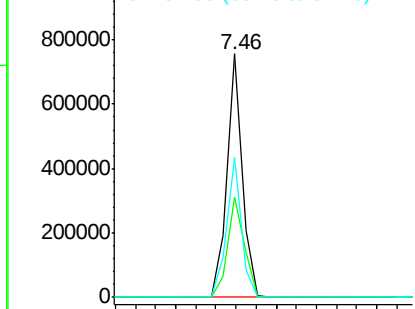
#23
 Nitrobenzene-d5
 Concen: 69.48 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF092888.D
 Acq: 10 Feb 2017 17:39

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BL

Tgt Ion: 82 Resp: 801044
 Ion Ratio Lower Upper
 82 100
 128 41.4 34.6 52.0
 54 57.7 39.5 59.3

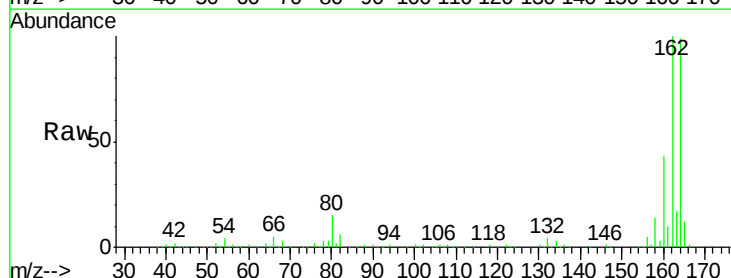


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

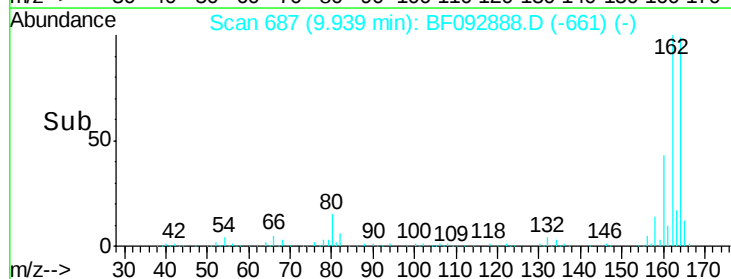
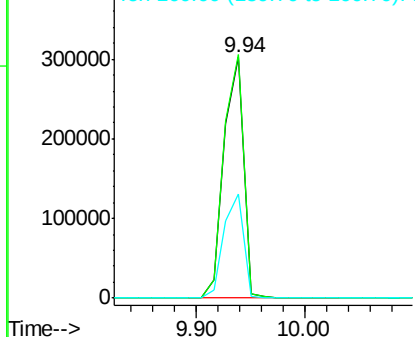


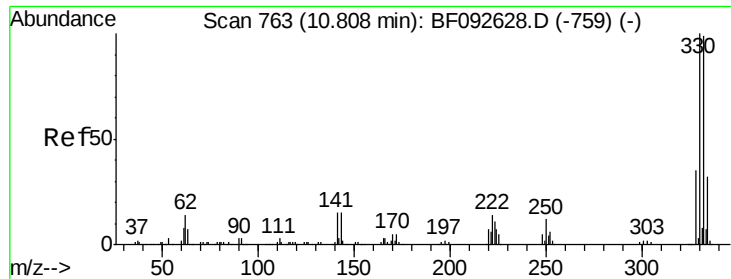
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF092888.D
 Acq: 10 Feb 2017 17:39

Tgt Ion: 164 Resp: 378580
 Ion Ratio Lower Upper
 164 100
 162 101.2 80.2 120.2
 160 43.3 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

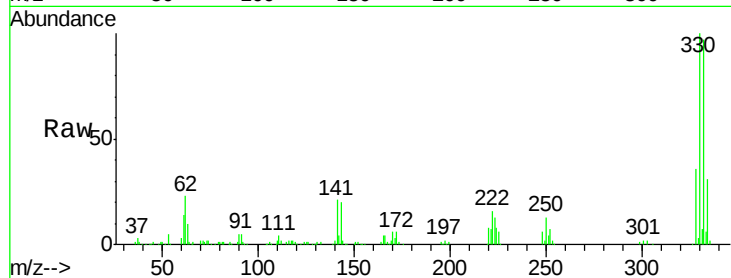




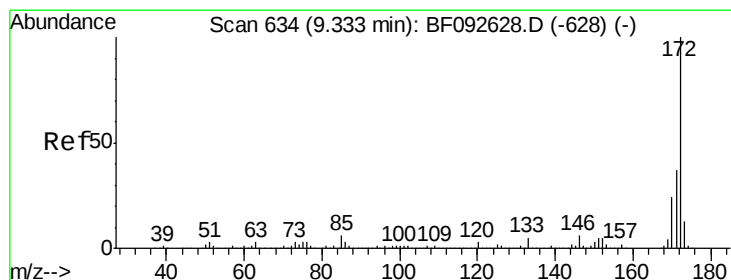
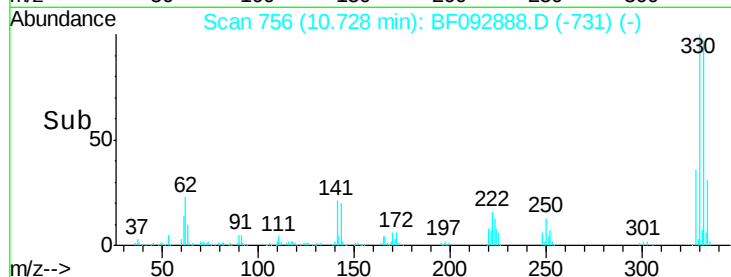
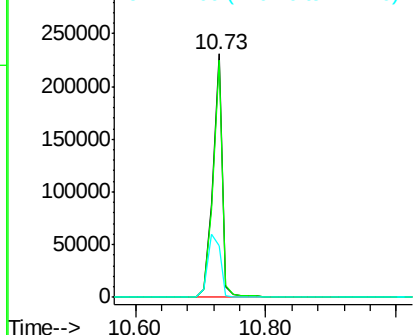
#41
 2,4,6-Tribromophenol
 Concen: 87.45 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF092888.D
 Acq: 10 Feb 2017 17:39

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BL

Tgt Ion:330 Resp: 239448
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 34.4 34.1 51.1

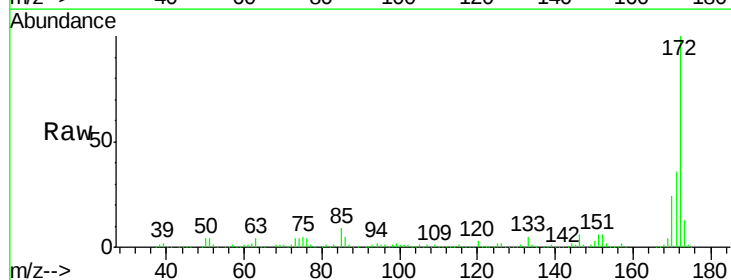


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

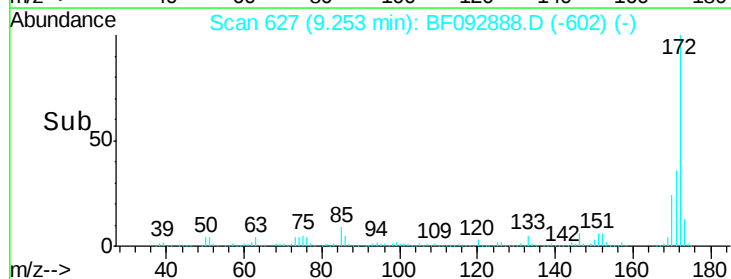
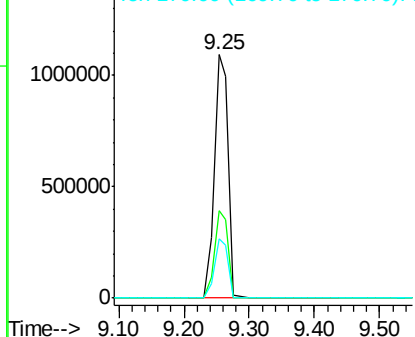


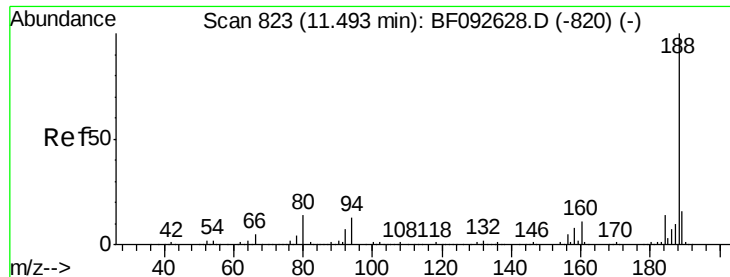
#44
 2-Fluorobiphenyl
 Concen: 78.73 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF092888.D
 Acq: 10 Feb 2017 17:39

Tgt Ion:172 Resp: 1645106
 Ion Ratio Lower Upper
 172 100
 171 36.0 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

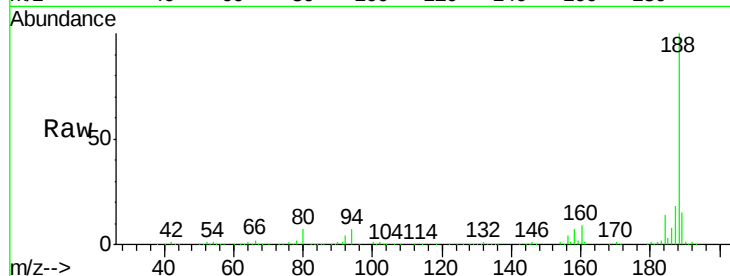




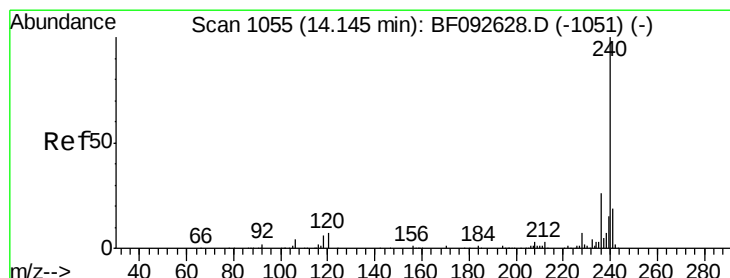
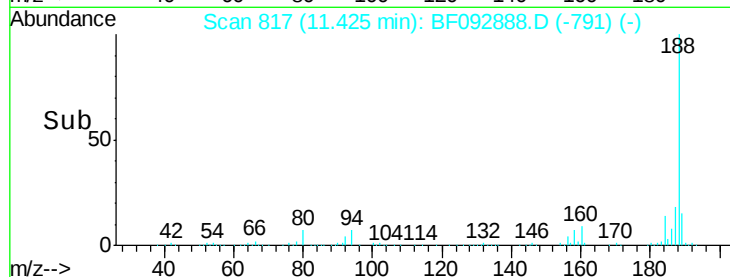
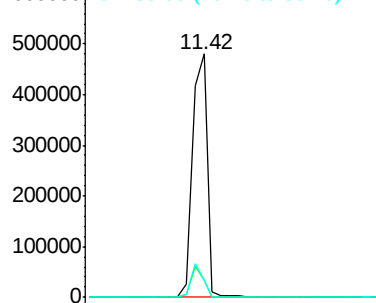
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF092888.D
Acq: 10 Feb 2017 17:39

Instrument :
BNA_F
ClientSampleId :
PB96841BL

Tgt Ion:188 Resp: 652583
Ion Ratio Lower Upper
188 100
94 7.0 10.0 15.0#
80 7.1 11.2 16.8#

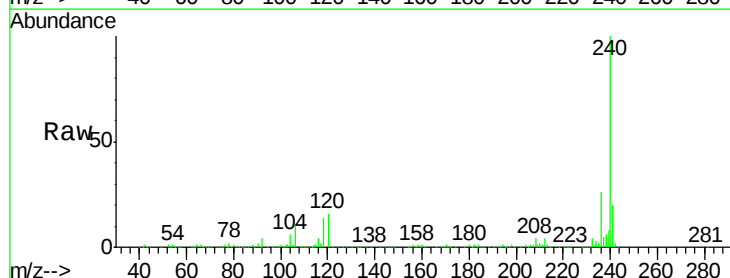


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

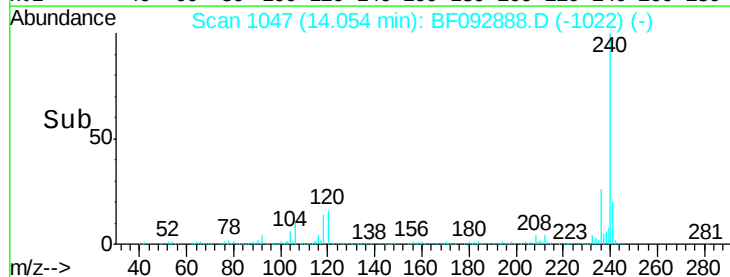
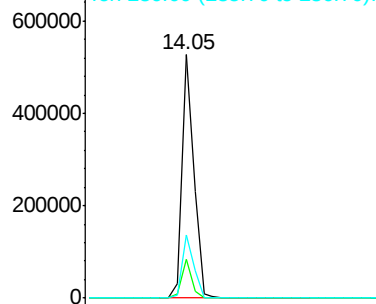


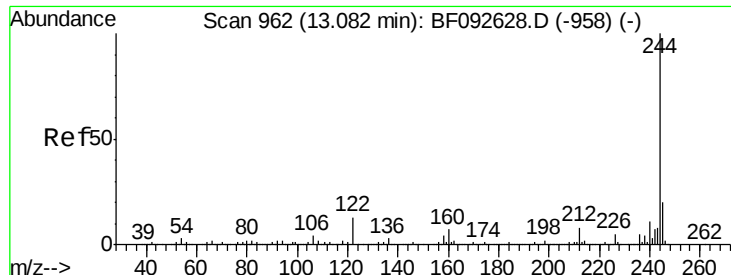
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF092888.D
Acq: 10 Feb 2017 17:39

Tgt Ion:240 Resp: 556258
Ion Ratio Lower Upper
240 100
120 16.0 12.9 19.3
236 26.0 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

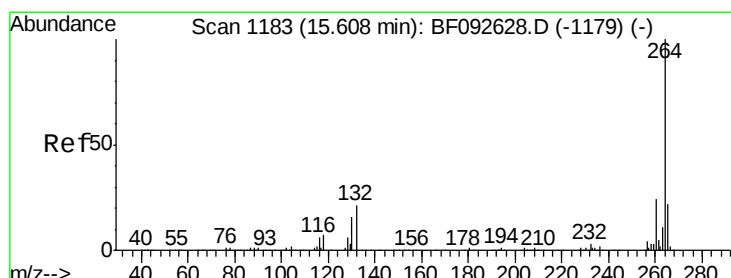
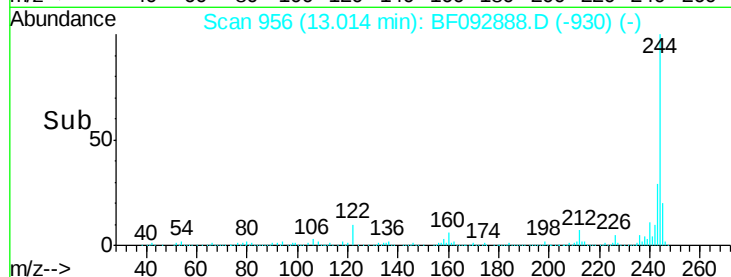
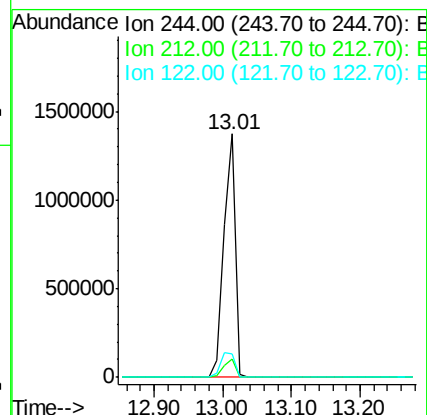
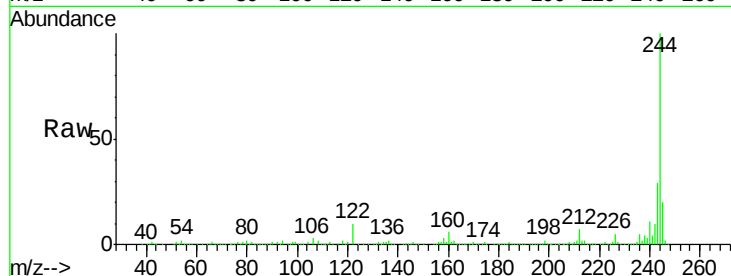




#78
 Terphenyl-d14
 Concen: 68.74 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF092888.D
 Acq: 10 Feb 2017 17:39

Instrument :
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 PB96841BL

Tgt Ion:244 Resp: 1627435
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 9.6 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF092888.D
 Acq: 10 Feb 2017 17:39

Tgt Ion:264 Resp: 477809
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.4 17.4 26.0

