

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091216\
 Data File : BF090071.D
 Acq On : 12 Sep 2016 18:53
 Operator : UM/SJ
 Sample : PB93335BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93335BL

Quant Time: Sep 13 03:41:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 16:07:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	176813	20.00	ng	-0.03
21) Naphthalene-d8	7.86	136	681490	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	289737	20.00	ng	-0.02
63) Phenanthrene-d10	11.07	188	495953	20.00	ng	-0.03
75) Chrysene-d12	13.69	240	453568	20.00	ng	-0.03
86) Perylene-d12	15.03	264	320032	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1320067	119.50	ng	-0.01
7) Phenol-d6	6.23	99	1458893	108.69	ng	-0.02
23) Nitrobenzene-d5	7.14	82	869615	74.01	ng	-0.03
41) 2,4,6-Tribromophenol	10.39	330	280972	98.29	ng	-0.03
44) 2-Fluorobiphenyl	8.95	172	1764008	99.94	ng	-0.02
78) Terphenyl-d14	12.66	244	1387800	75.58	ng	-0.02

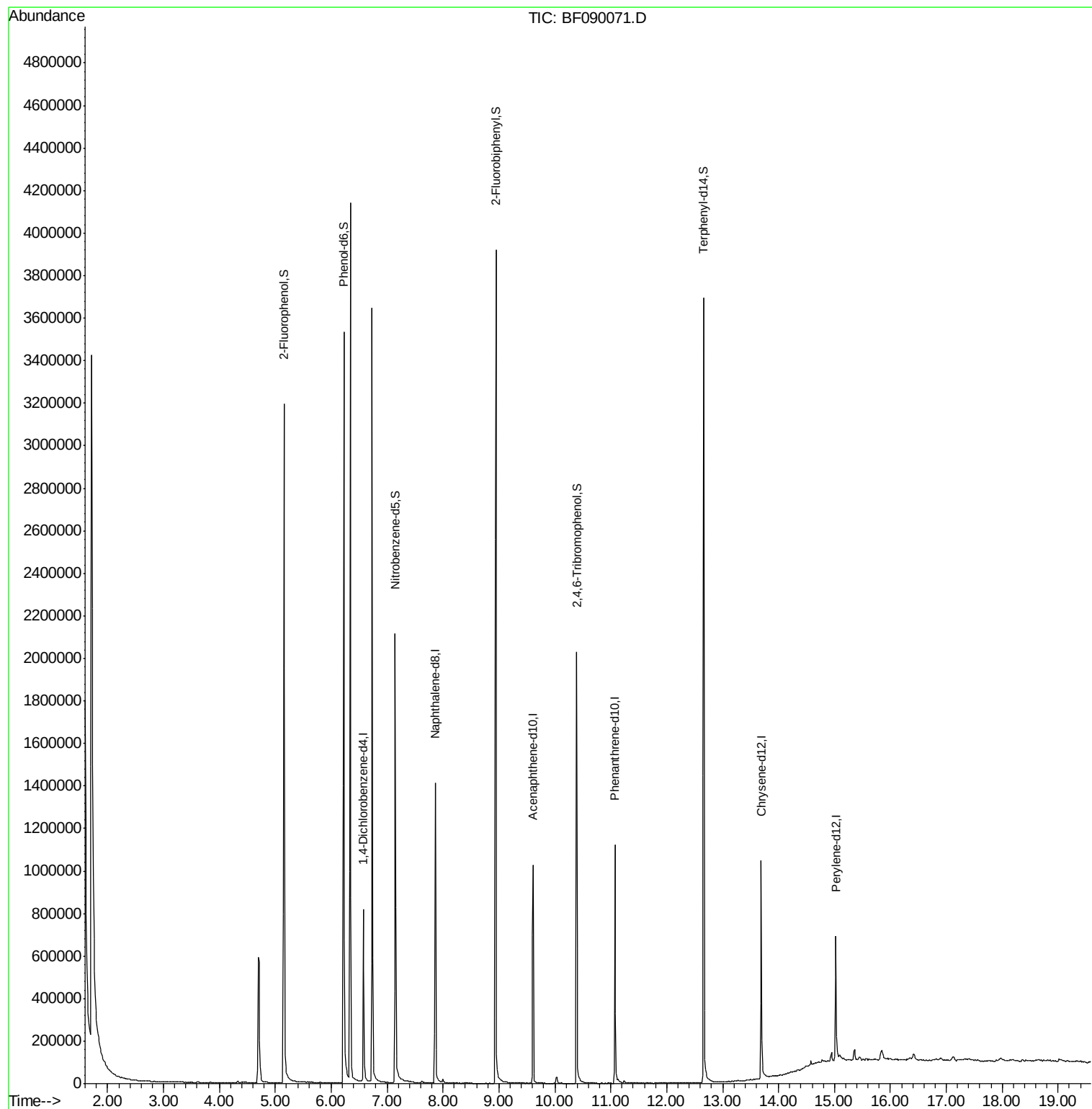
Target Compounds	Qvalue
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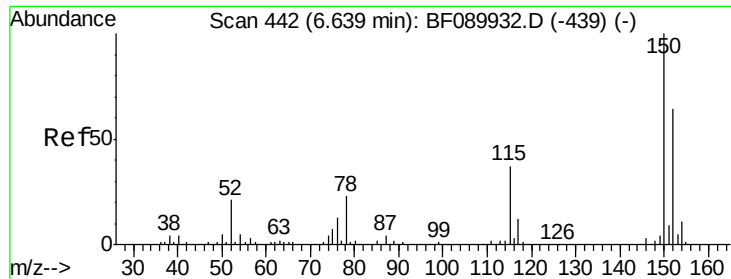
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF090071.D

Acq: 12 Sep 2016 18:53

Instrument :

BNA_F

ClientSampleId :

PB93335BL

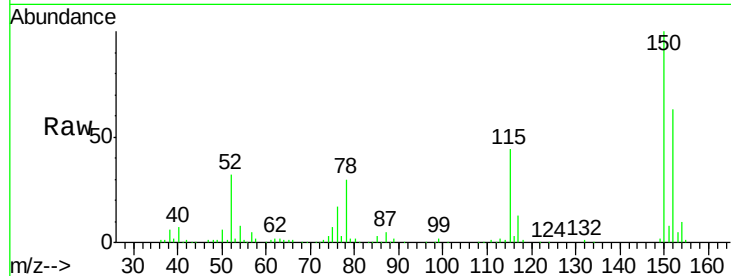
Tgt Ion:152 Resp: 176813

Ion Ratio Lower Upper

152 100

150 158.0 127.4 191.2

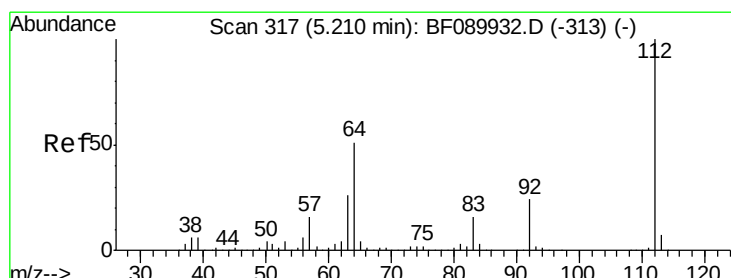
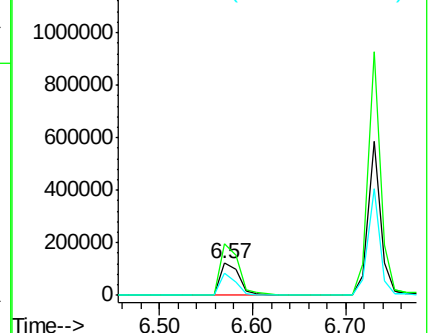
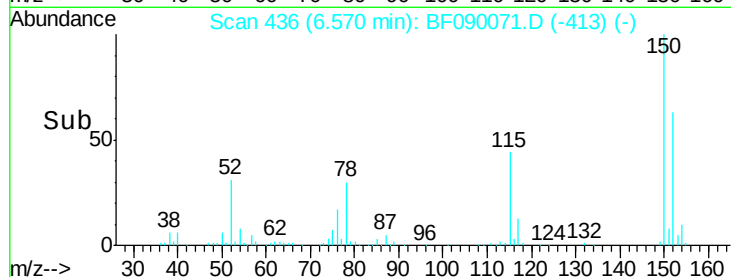
115 69.4 46.3 69.5



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: 119.50 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.01 min

Lab File: BF090071.D

Acq: 12 Sep 2016 18:53

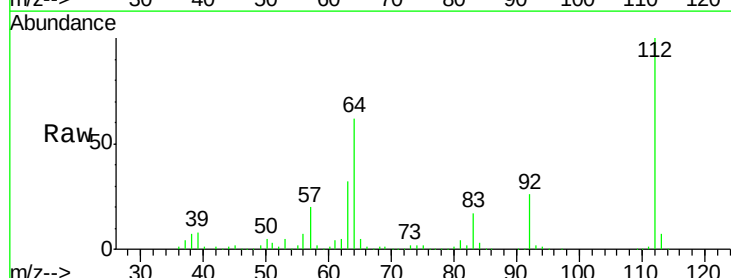
Tgt Ion:112 Resp: 1320067

Ion Ratio Lower Upper

112 100

64 61.8 41.1 61.7#

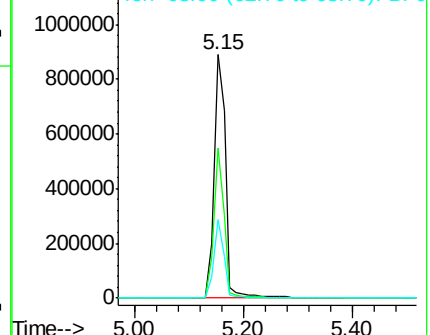
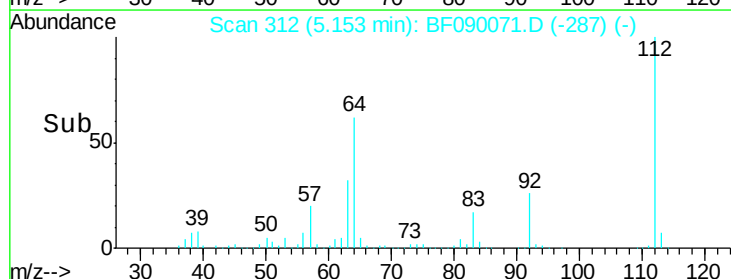
63 32.4 21.2 31.8#

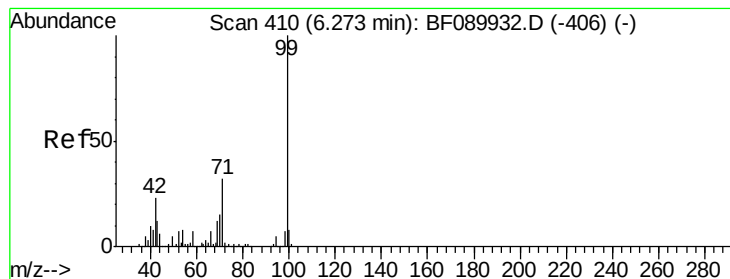


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.69 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF090071.D

Acq: 12 Sep 2016 18:53

Instrument :

BNA_F

ClientSampleId :

PB93335BL

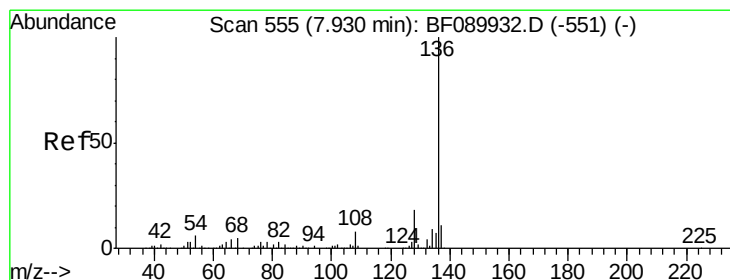
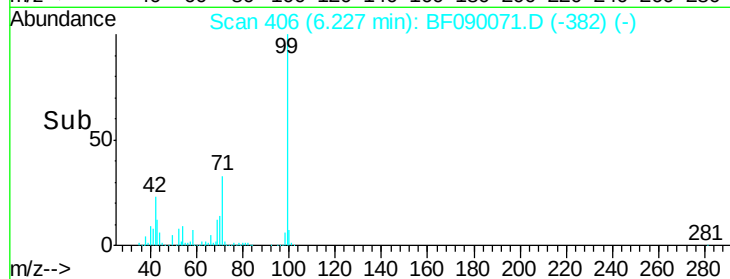
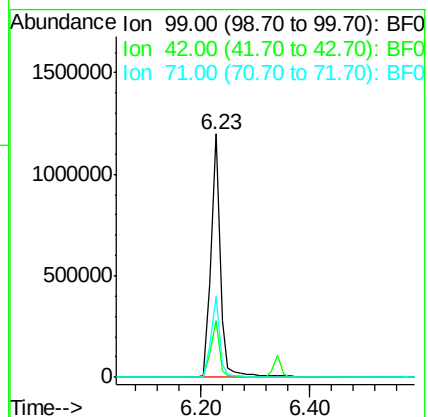
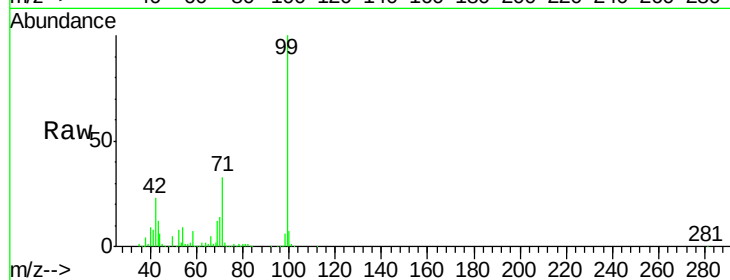
Tgt Ion: 99 Resp: 1458893

Ion Ratio Lower Upper

99 100

42 23.3 18.6 27.8

71 33.2 25.8 38.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF090071.D

Acq: 12 Sep 2016 18:53

Tgt Ion: 136 Resp: 681490

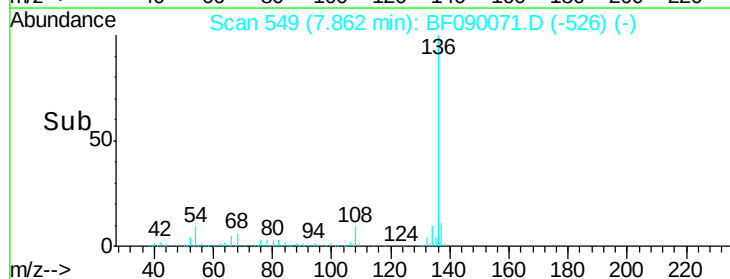
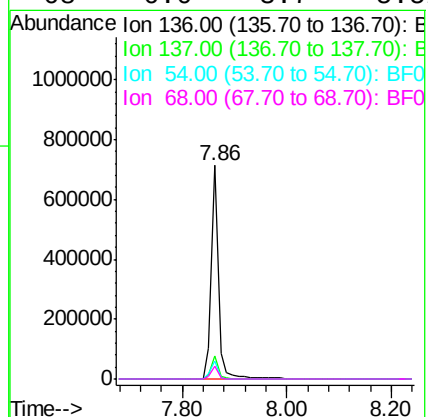
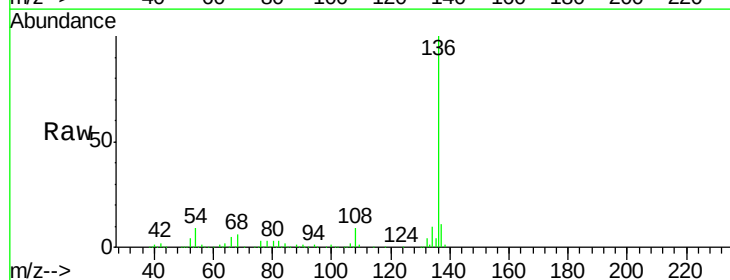
Ion Ratio Lower Upper

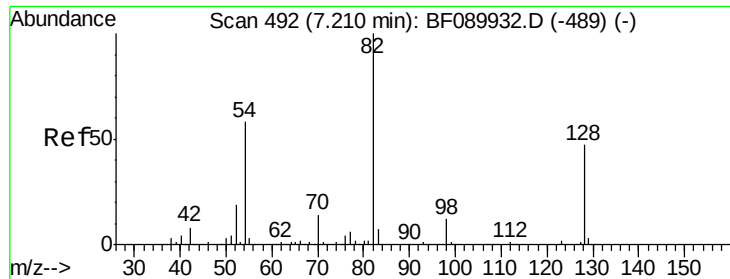
136 100

137 11.0 8.3 12.5

54 8.6 4.8 7.2#

68 6.0 3.7 5.5#

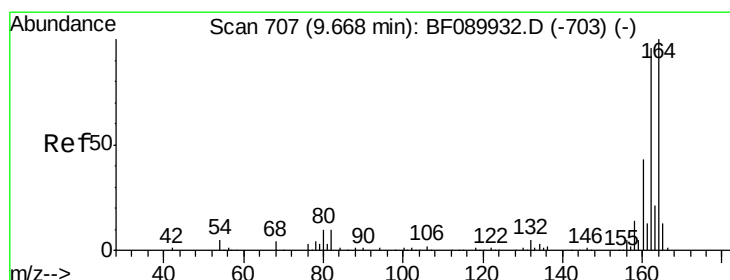
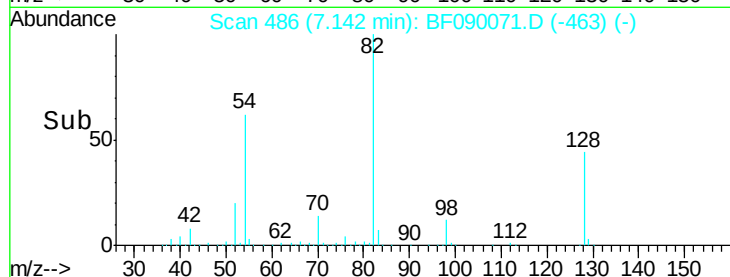
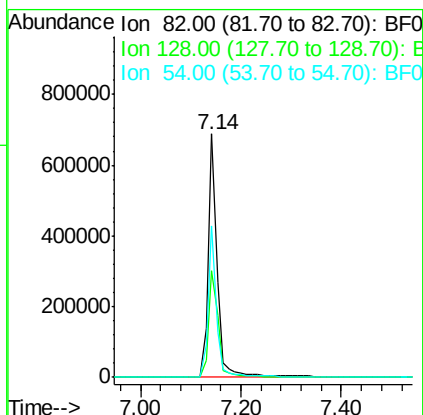
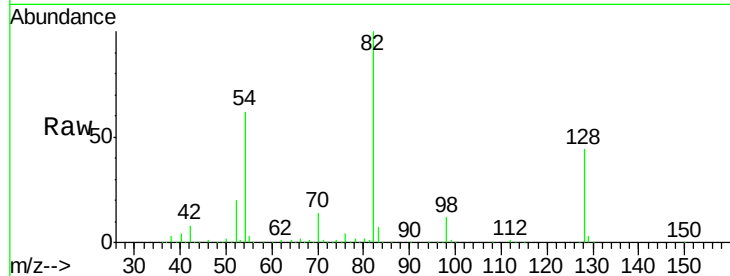




#23
 Nitrobenzene-d5
 Concen: 74.01 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: BF090071.D
 Acq: 12 Sep 2016 18:53

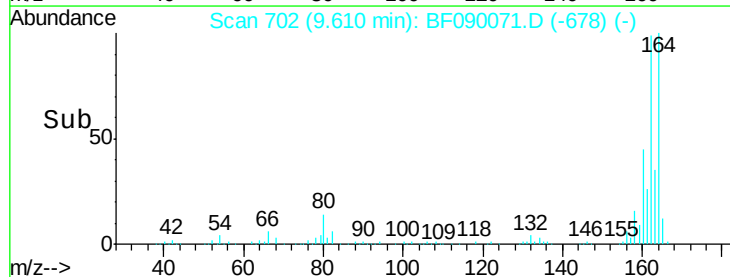
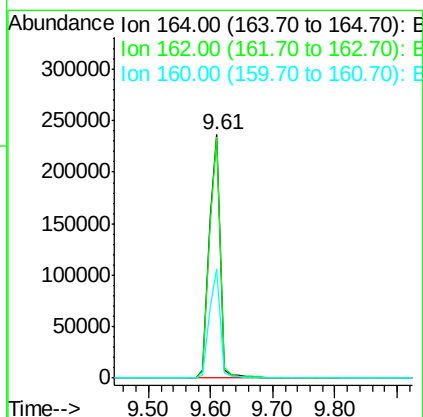
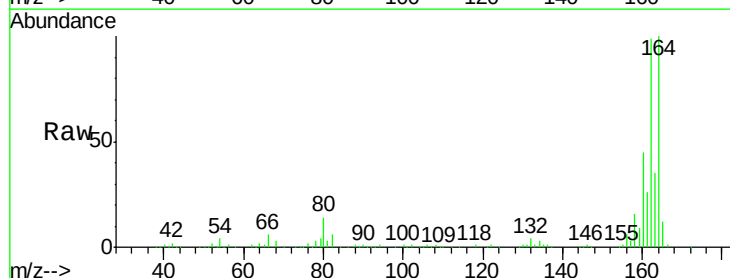
Instrument :
 BNA_F
 ClientSampleId :
 PB93335BL

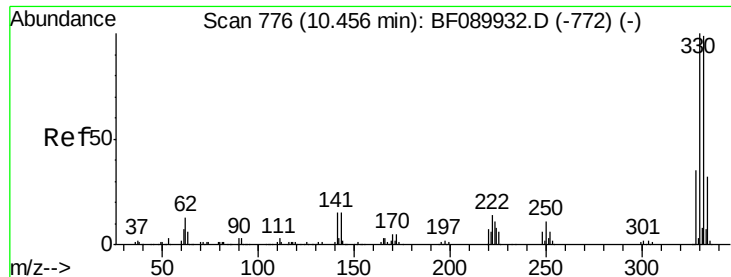
Tgt Ion: 82 Resp: 869615
 Ion Ratio Lower Upper
 82 100
 128 43.7 37.8 56.8
 54 62.1 46.9 70.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF090071.D
 Acq: 12 Sep 2016 18:53

Tgt Ion: 164 Resp: 289737
 Ion Ratio Lower Upper
 164 100
 162 99.2 77.1 115.7
 160 44.9 35.3 52.9

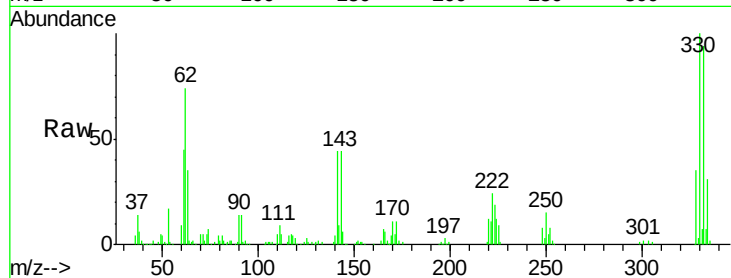




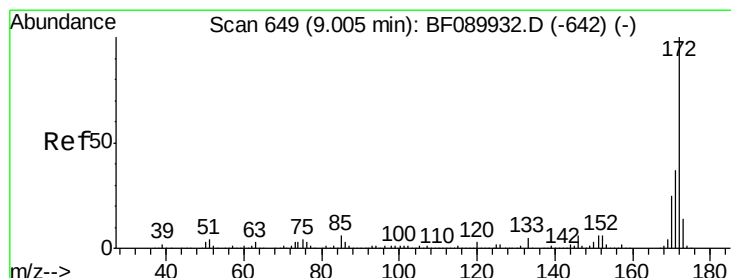
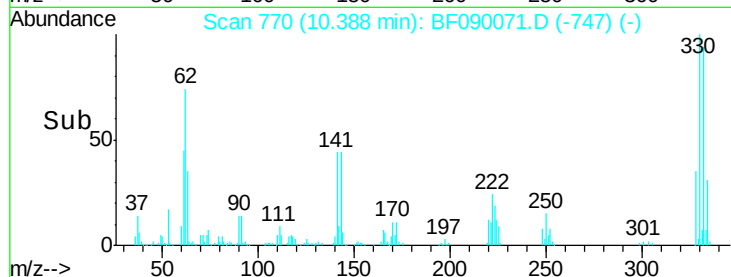
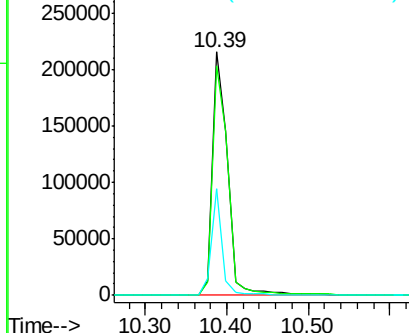
#41
 2,4,6-Tribromophenol
 Concen: 98.29 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.03 min
 Lab File: BF090071.D
 Acq: 12 Sep 2016 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB93335BL

Tgt Ion:330 Resp: 280972
 Ion Ratio Lower Upper
 330 100
 332 97.5 78.6 117.8
 141 32.9 23.3 34.9

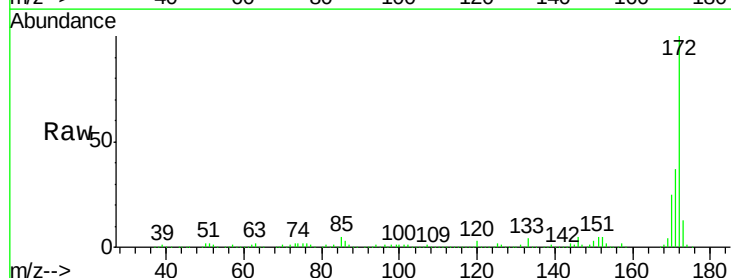


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

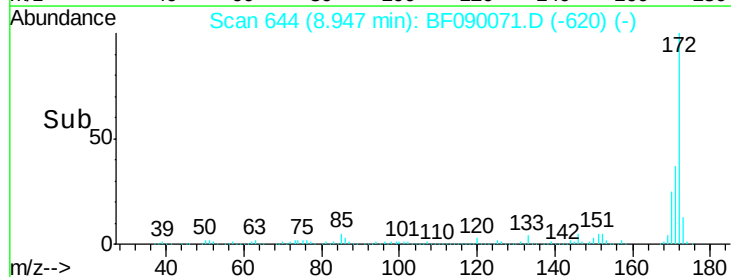
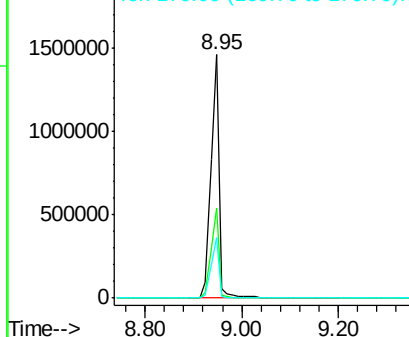


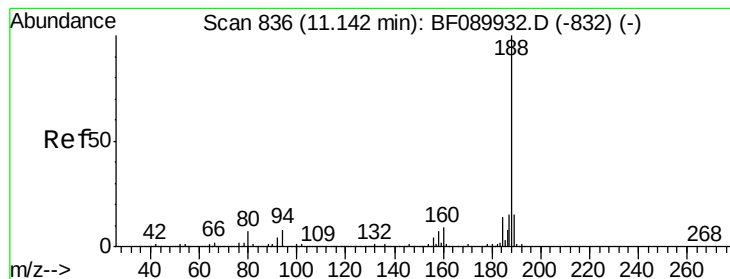
#44
 2-Fluorobiphenyl
 Concen: 99.94 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF090071.D
 Acq: 12 Sep 2016 18:53

Tgt Ion:172 Resp: 1764008
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.2
 170 25.0 20.1 30.1



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# 830

Delta R.T. -0.03 min

Lab File: BF090071.D

Acq: 12 Sep 2016 18:53

Instrument :

BNA_F

ClientSampleId :

PB93335BL

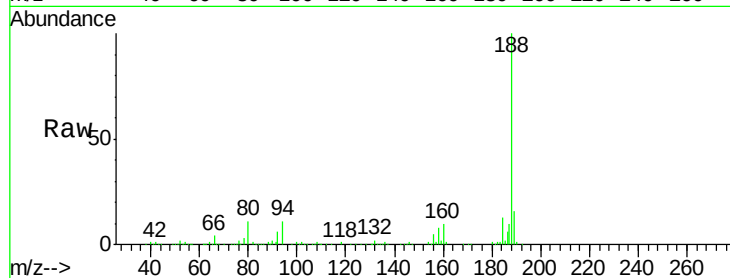
Tgt Ion:188 Resp: 495953

Ion Ratio Lower Upper

188 100

94 10.7 5.9 8.9#

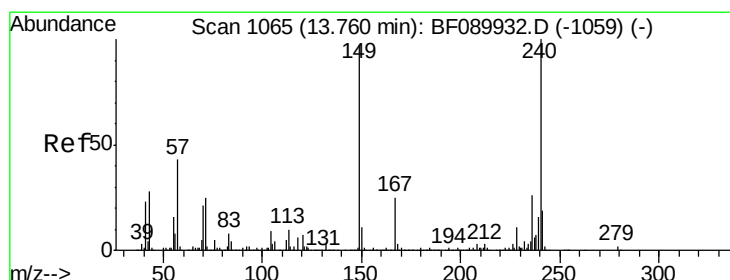
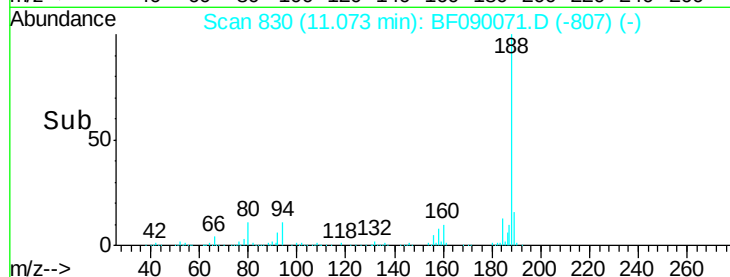
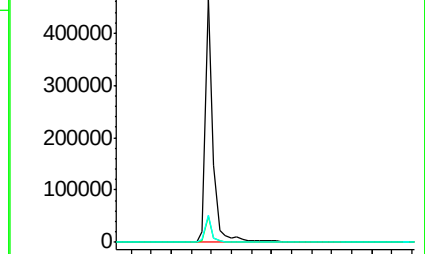
80 11.4 5.8 8.8#



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: 13.69 min Scan# 1059

Delta R.T. -0.03 min

Lab File: BF090071.D

Acq: 12 Sep 2016 18:53

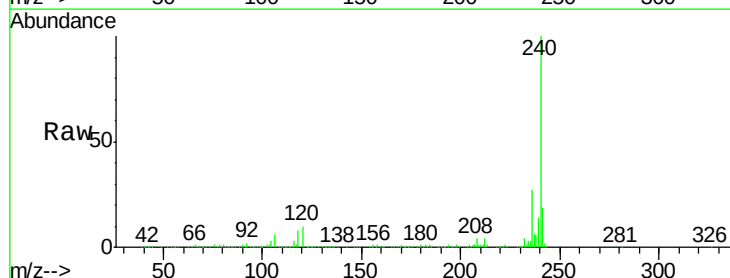
Tgt Ion:240 Resp: 453568

Ion Ratio Lower Upper

240 100

120 10.1 5.7 8.5#

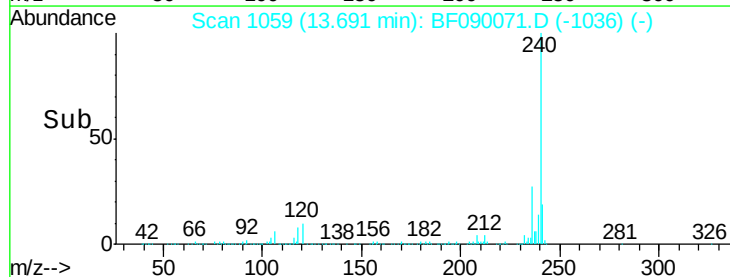
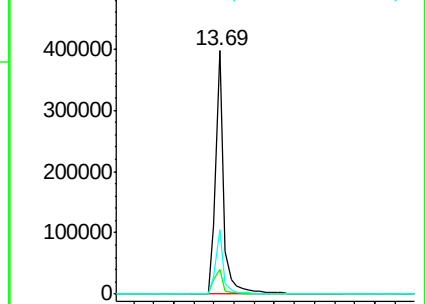
236 26.5 21.3 31.9

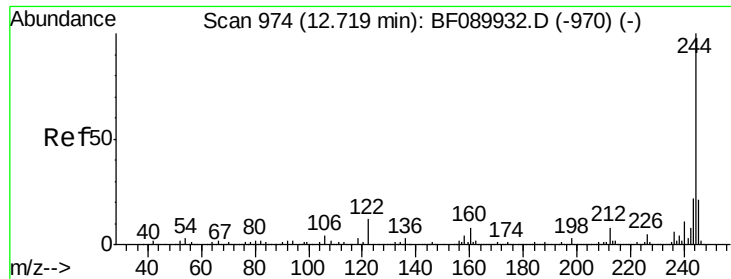


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

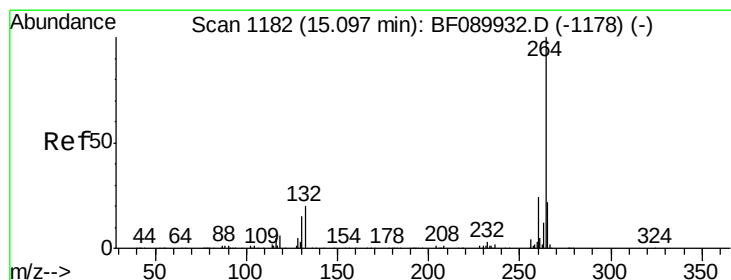
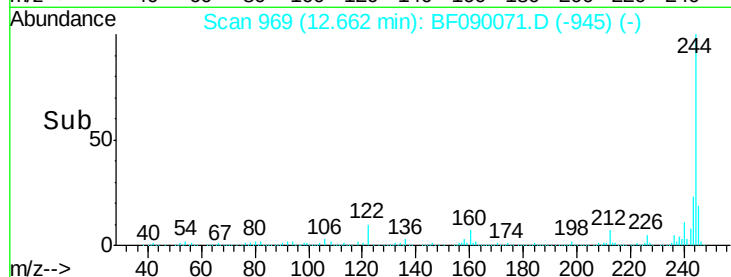
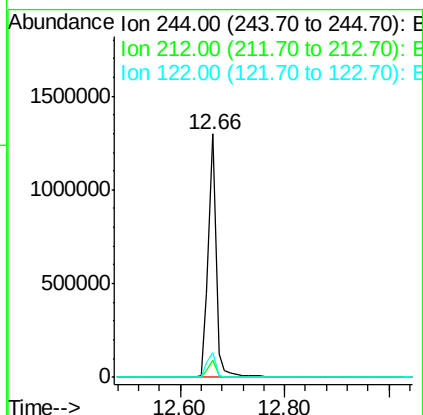
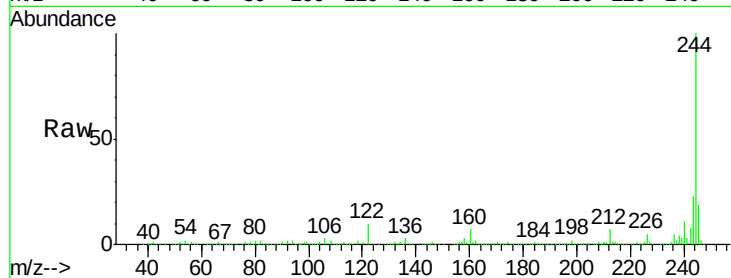




#78
 Terphenyl-d14
 Concen: 75.58 ng
 RT: 12.66 min Scan# 969
 Delta R.T. -0.02 min
 Lab File: BF090071.D
 Acq: 12 Sep 2016 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB93335BL

Tgt Ion:244 Resp: 1387800
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 10.2 9.6 14.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1176
 Delta R.T. -0.03 min
 Lab File: BF090071.D
 Acq: 12 Sep 2016 18:53

Tgt Ion:264 Resp: 320032
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.0
 265 21.7 17.4 26.2

