

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089490.D
 Acq On : 1 Aug 2016 2:33
 Operator : UM/SJ
 Sample : H4222-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Quant Time: Aug 01 07:07:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 04:11:30 2016
 Response via : Initial Calibration

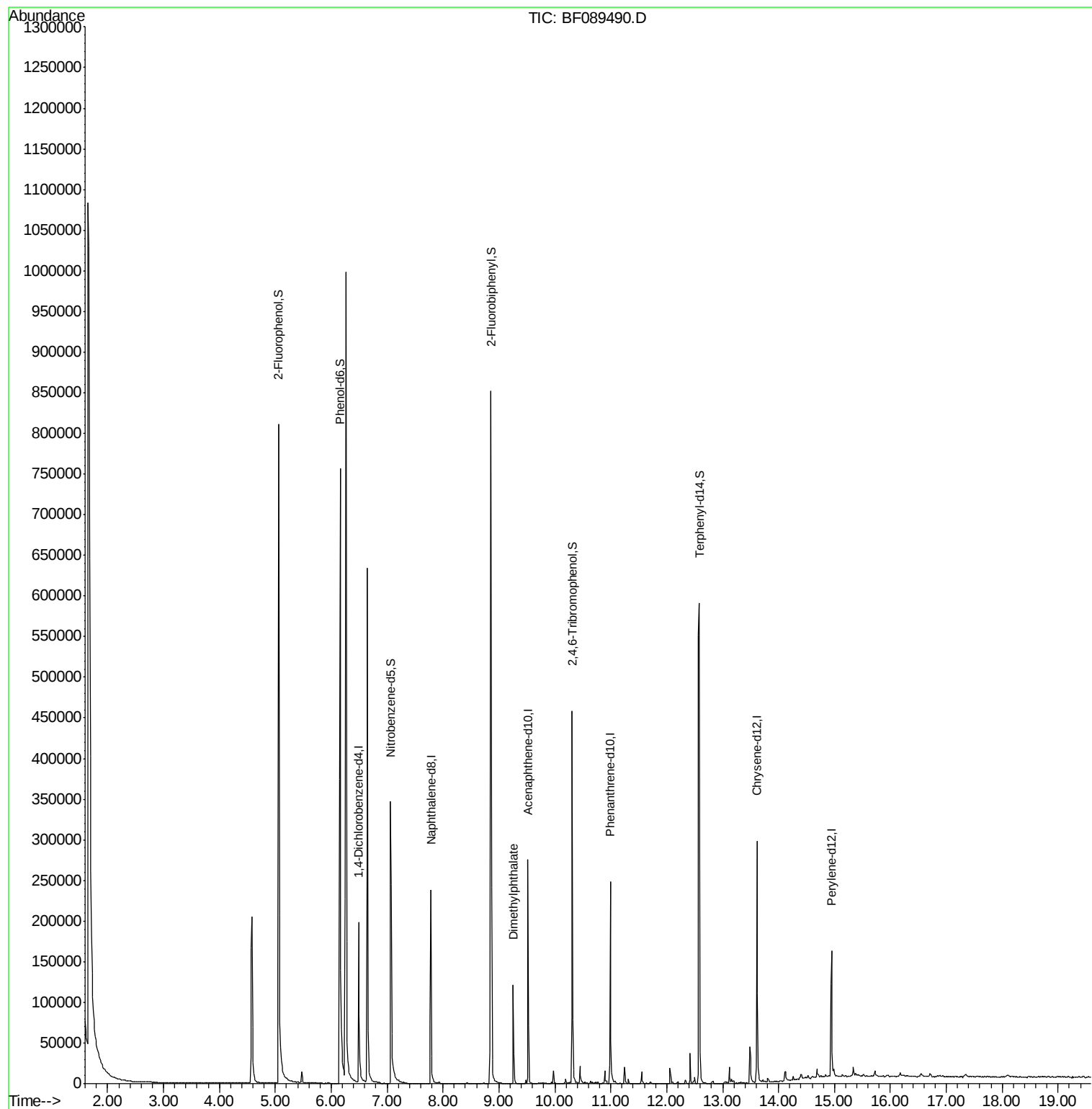
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	40999	20.00	ng	-0.01
21) Naphthalene-d8	7.78	136	139412	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	54319	20.00	ng	-0.01
63) Phenanthrene-d10	10.99	188	105407	20.00	ng	-0.01
75) Chrysene-d12	13.61	240	109030	20.00	ng	-0.01
86) Perylene-d12	14.95	264	80386	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	284353	110.74	ng	0.00
7) Phenol-d6	6.16	99	379222	111.76	ng	-0.01
23) Nitrobenzene-d5	7.06	82	198723	84.14	ng	-0.02
41) 2,4,6-Tribromophenol	10.31	330	49027	108.98	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	287511	77.68	ng	-0.01
78) Terphenyl-d14	12.58	244	278125	59.70	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.26	163	53281	12.89	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF089490.D

Acq: 1 Aug 2016 2:33

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

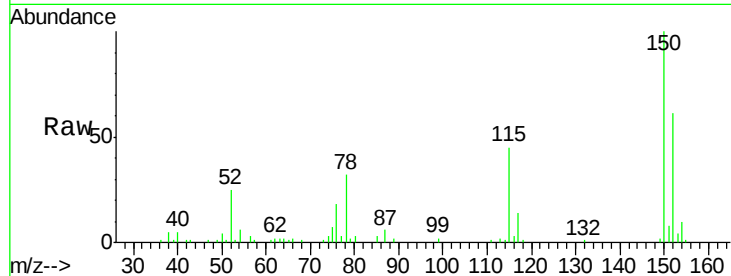
Tot Ion:152 Resp: 40999

Ion Ratio Lower Upper

152 100

150 163.9 129.5 194.3

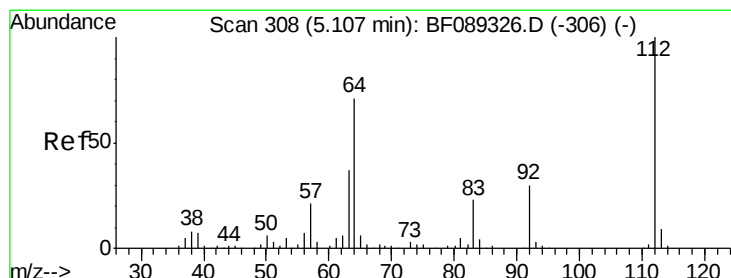
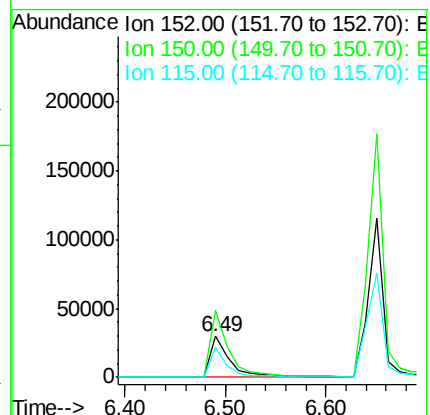
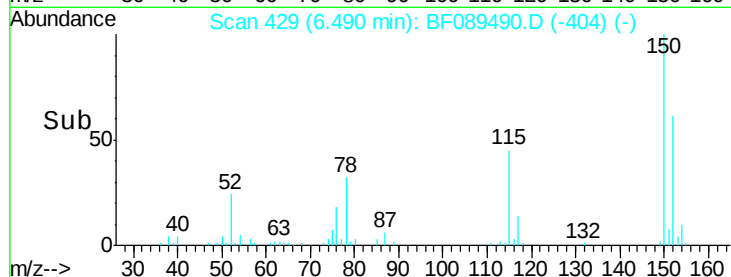
115 73.8 51.4 77.2



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: 110.74 ng

RT: 5.06 min Scan# 304

Delta R.T. 0.00 min

Lab File: BF089490.D

Acq: 1 Aug 2016 2:33

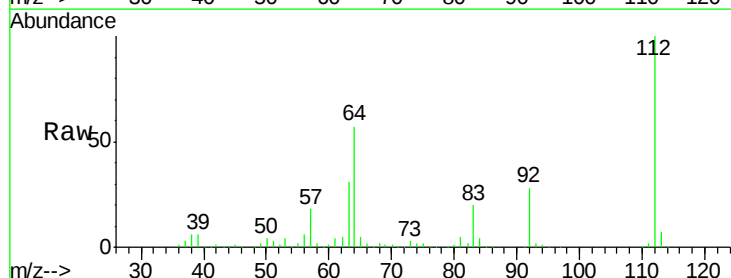
Tgt Ion:112 Resp: 284353

Ion Ratio Lower Upper

112 100

64 57.4 55.0 82.6

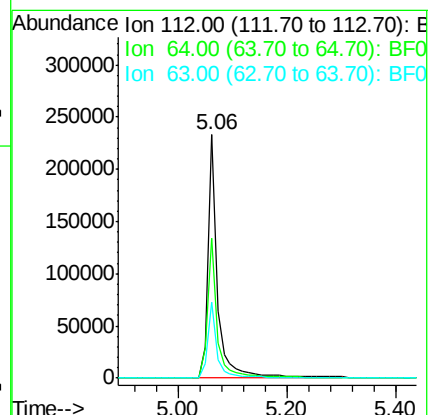
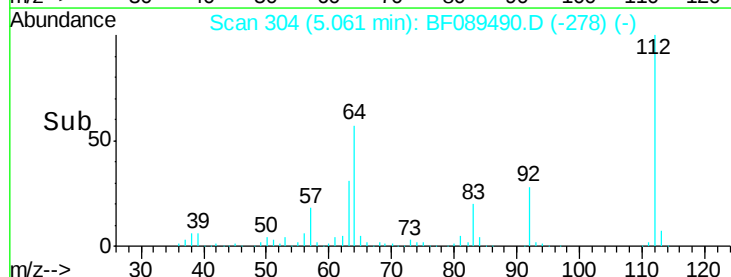
63 31.1 29.4 44.2



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: 111.76 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF089490.D

Acq: 1 Aug 2016 2:33

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

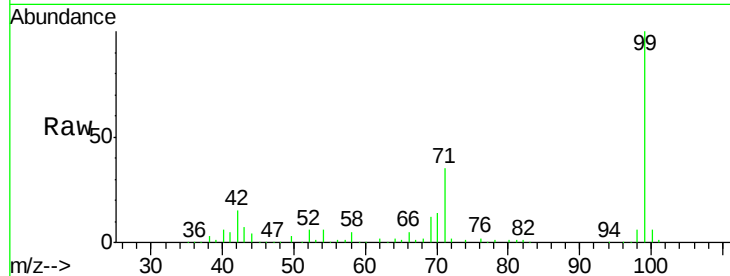
Tot Ion: 99 Resp: 379222

Ion Ratio Lower Upper

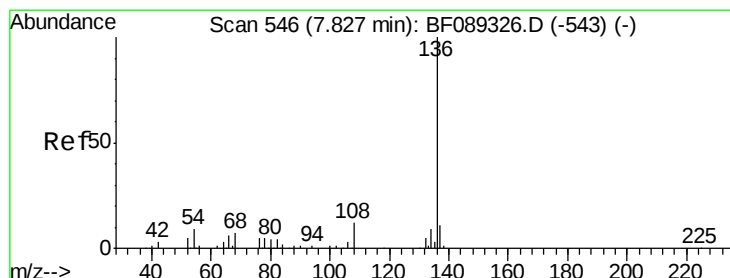
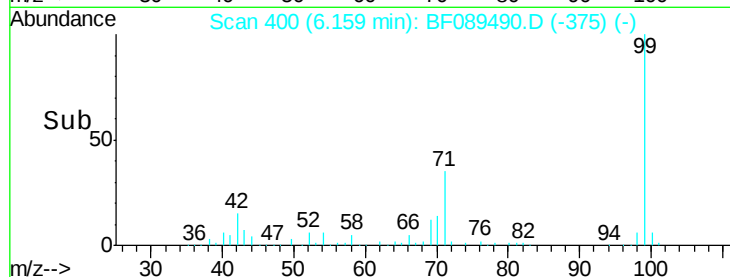
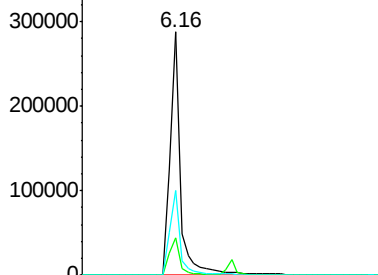
99 100

42 15.2 13.6 20.4

71 35.1 29.4 44.2



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: 7.78 min Scan# 542

Delta R.T. -0.01 min

Lab File: BF089490.D

Acq: 1 Aug 2016 2:33

Tgt Ion: 136 Resp: 139412

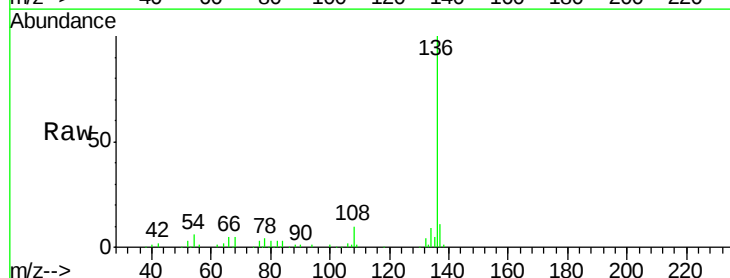
Ion Ratio Lower Upper

136 100

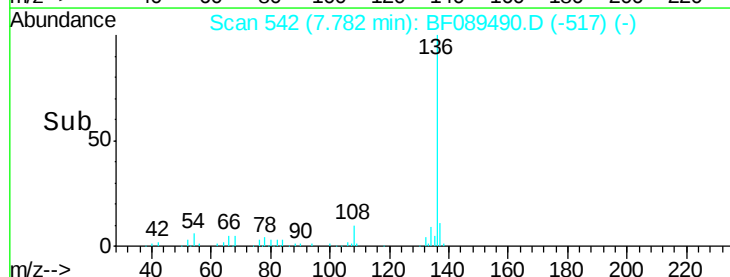
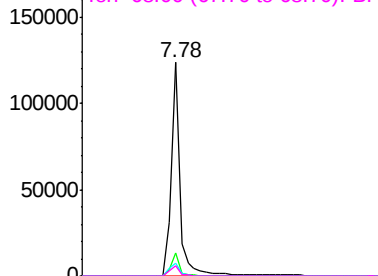
137 10.7 8.6 13.0

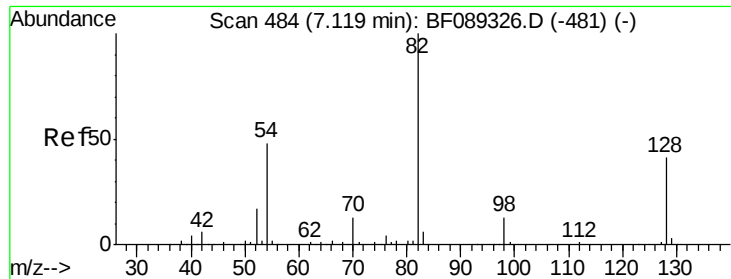
54 5.9 7.0 10.4

68 5.0 4.9 7.3



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

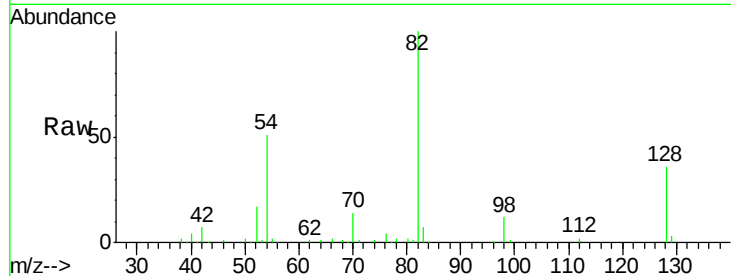




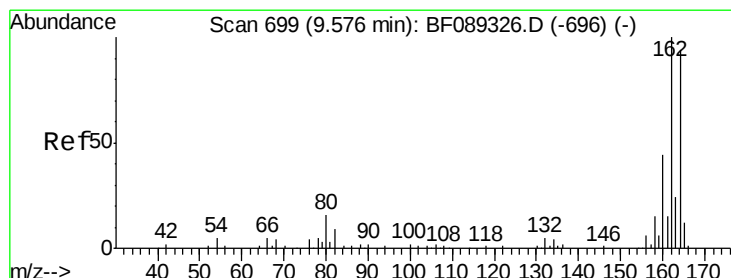
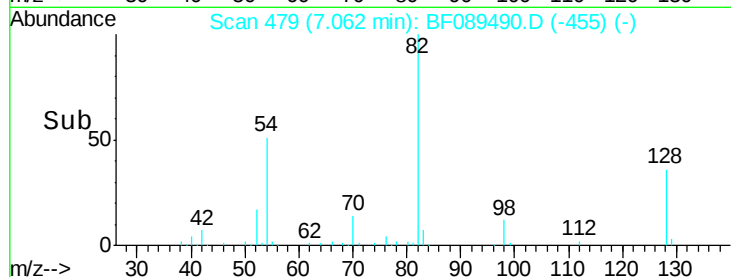
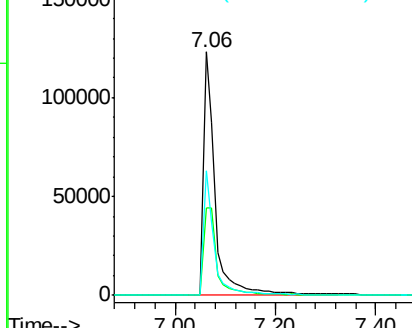
#23
 Nitrobenzene-d5
 Concen: 84.14 ng
 RT: 7.06 min Scan# 479
 Delta R.T. -0.02 min
 Lab File: BF089490.D
 Acq: 1 Aug 2016 2:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tot Ion: 82 Resp: 198723
 Ion Ratio Lower Upper
 82 100
 128 35.9 32.5 48.7
 54 51.2 38.8 58.2

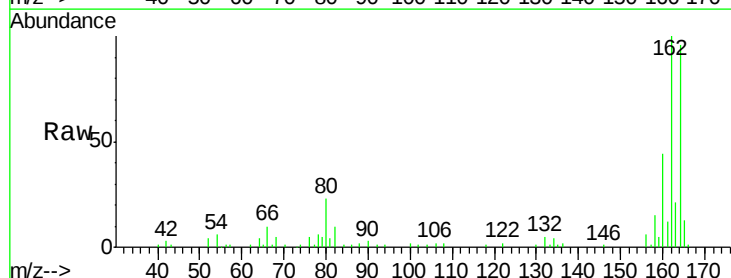


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

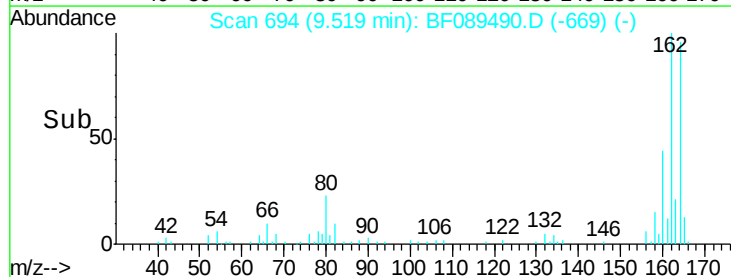
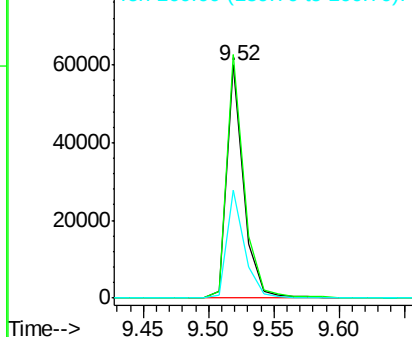


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF089490.D
 Acq: 1 Aug 2016 2:33

Tgt Ion:164 Resp: 54319
 Ion Ratio Lower Upper
 164 100
 162 104.3 83.7 125.5
 160 46.1 37.8 56.6



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

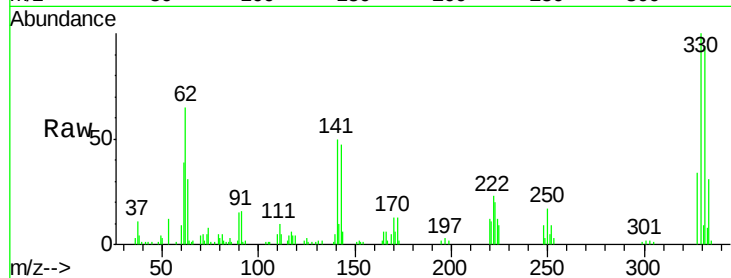




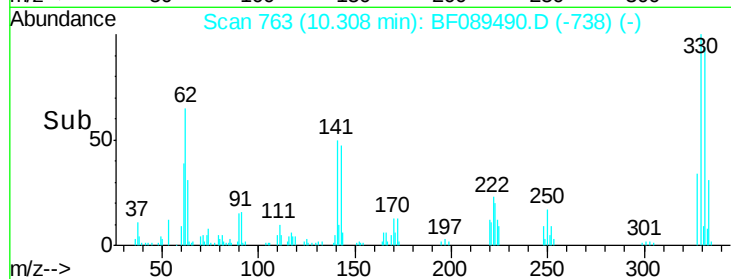
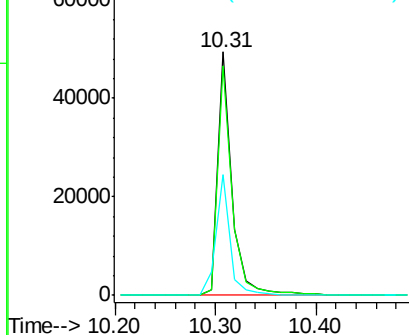
#41
 2,4,6-Tribromophenol
 Concen: 108.98 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF089490.D
 Acq: 1 Aug 2016 2:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.8	115.2
141	48.7	37.3	55.9

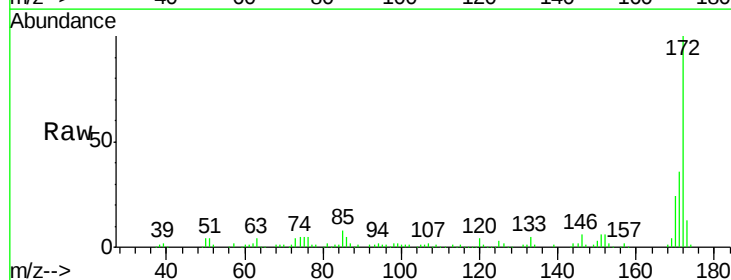


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

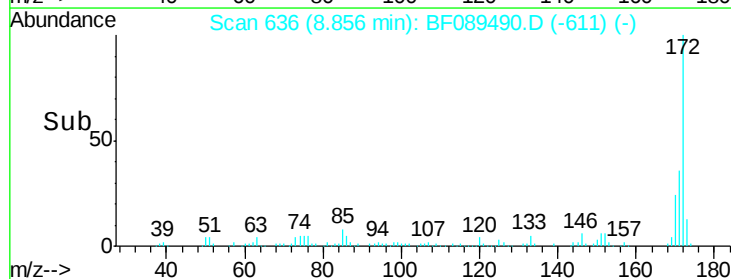
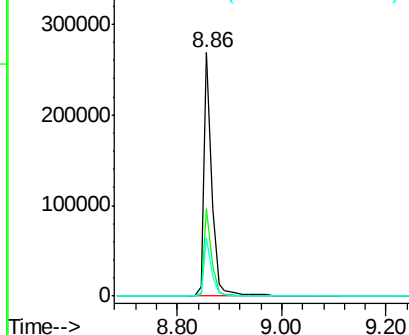


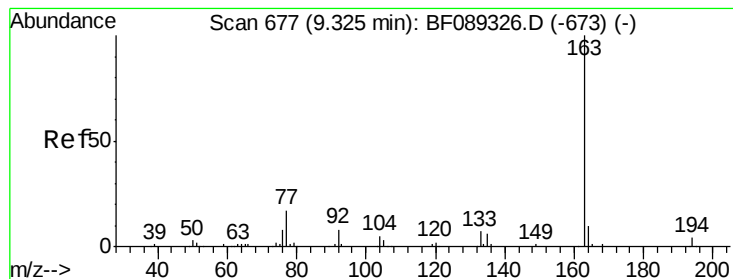
#44
 2-Fluorobiphenyl
 Concen: 77.68 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF089490.D
 Acq: 1 Aug 2016 2:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.2	43.8
170	23.8	19.2	28.8



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





#49

Dimethylphthalate

Concen: 12.89 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF089490.D

Acq: 1 Aug 2016 2:33

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

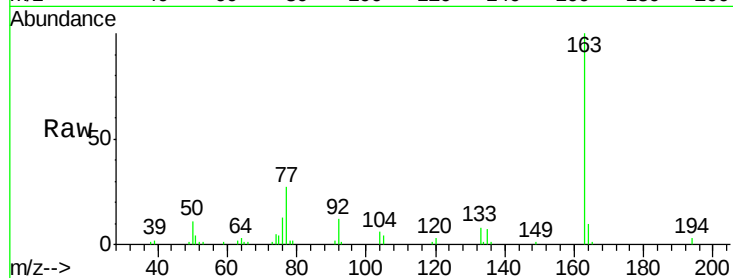
Tot Ion:163 Resp: 53281

Ion Ratio Lower Upper

163 100

194 2.9 2.8 4.2

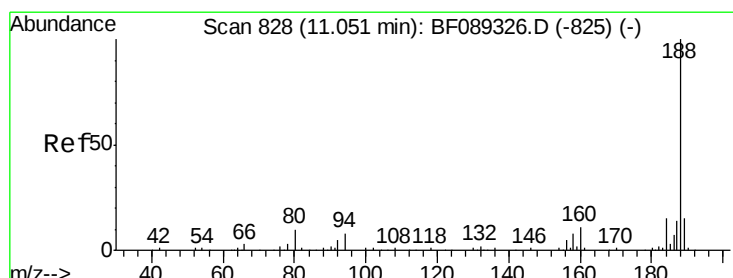
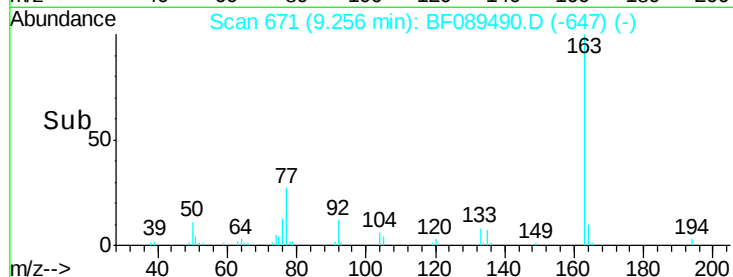
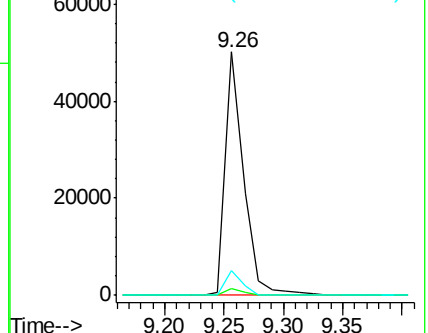
164 10.3 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF089490.D

Acq: 1 Aug 2016 2:33

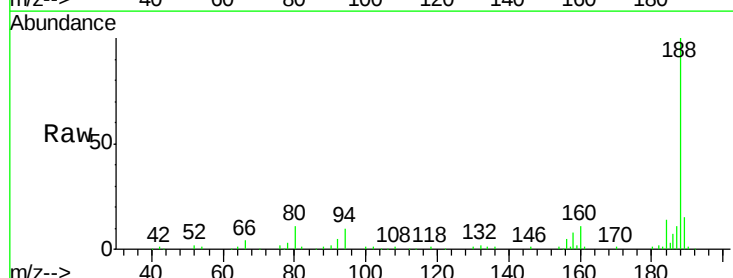
Tgt Ion:188 Resp: 105407

Ion Ratio Lower Upper

188 100

94 9.6 6.5 9.7

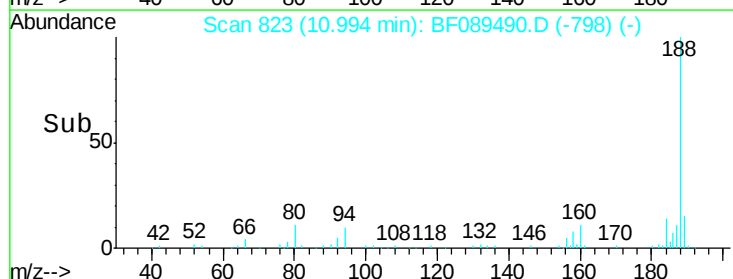
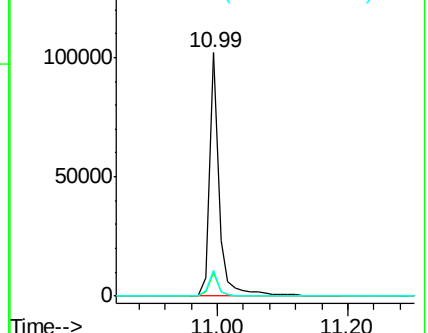
80 10.7 7.2 10.8



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: 13.61 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF089490.D

Acq: 1 Aug 2016 2:33

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

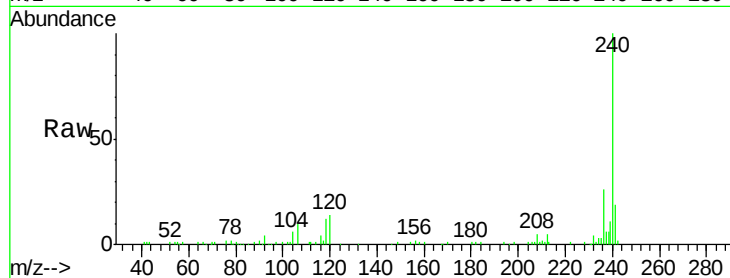
Tot Ion:240 Resp: 109030

Ion Ratio Lower Upper

240 100

120 13.8 9.1 13.7#

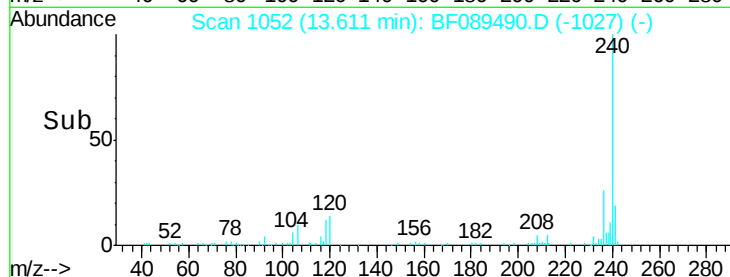
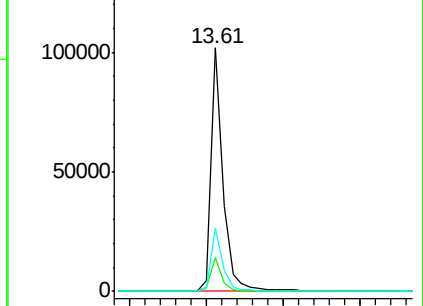
236 26.0 20.6 30.8



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: 59.70 ng

RT: 12.58 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF089490.D

Acq: 1 Aug 2016 2:33

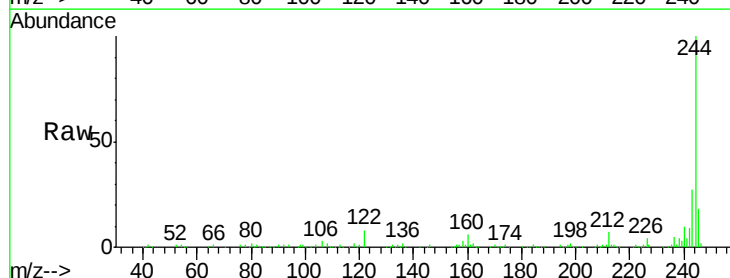
Tgt Ion:244 Resp: 278125

Ion Ratio Lower Upper

244 100

212 6.9 6.5 9.7

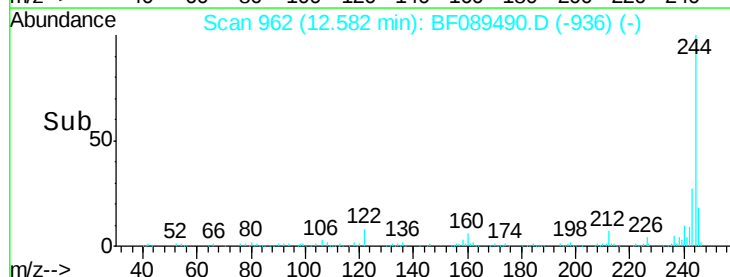
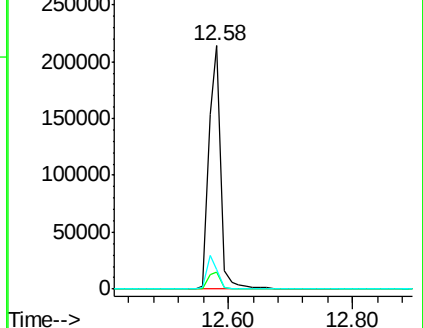
122 7.8 11.4 17.0#

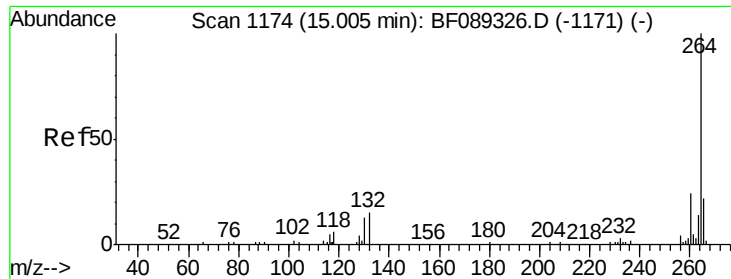


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF089490.D
 Acq: 1 Aug 2016 2:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tot Ion: 264 Resp: 80386
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.4
 265 21.0 17.5 26.3

