

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
 Data File : BF089296.D
 Acq On : 26 Jul 2016 1:49
 Operator : UM/SJ
 Sample : H4184-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Quant Time: Jul 26 02:30:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

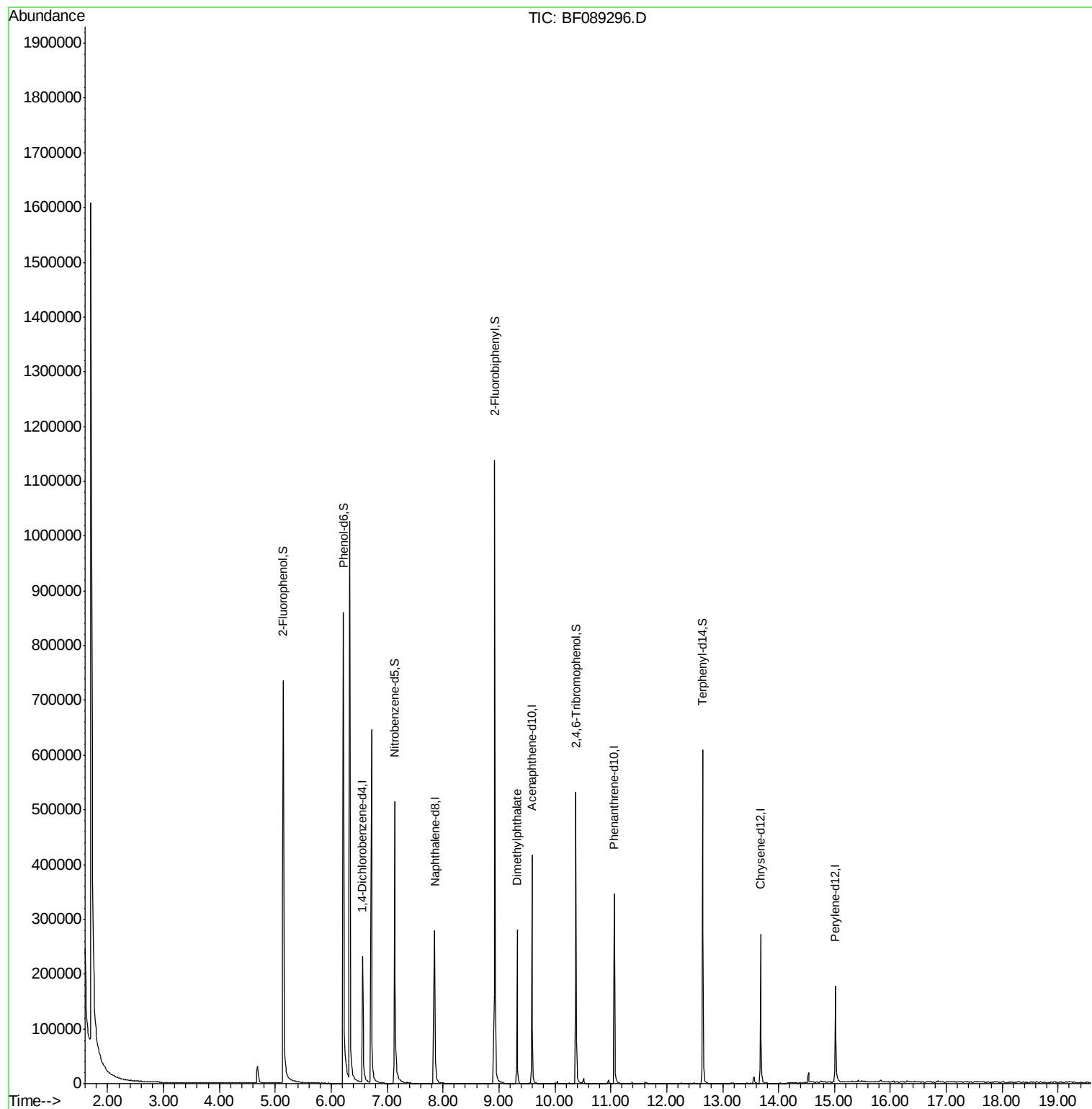
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	48214	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	188025	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	83913	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	145603	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	103233	20.00	ng	-0.01
86) Perylene-d12	15.02	264	85462	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	302574	95.45	ng	0.00
7) Phenol-d6	6.22	99	387369	94.75	ng	-0.01
23) Nitrobenzene-d5	7.13	82	237734	67.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	64924	85.94	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	370291	60.80	ng	-0.01
78) Terphenyl-d14	12.64	244	222962	46.85	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.32	163	117406	18.23	ng	99

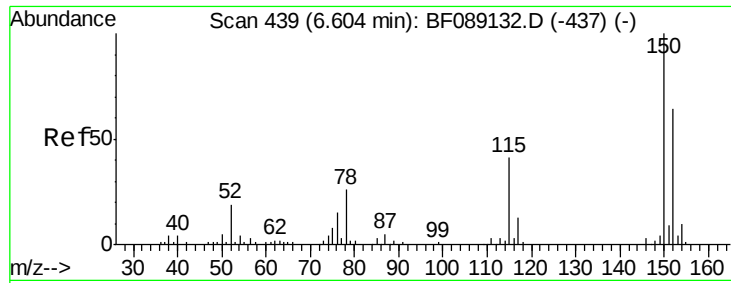
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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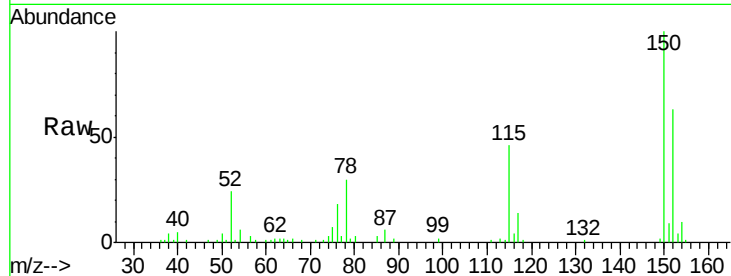


#1

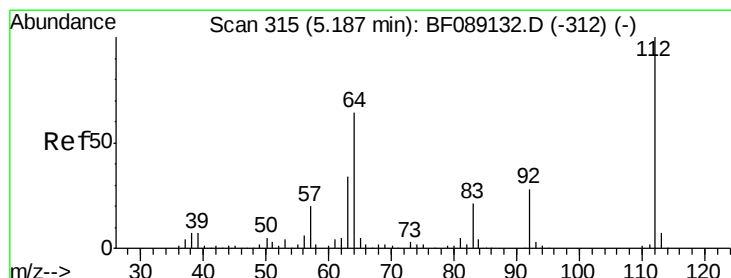
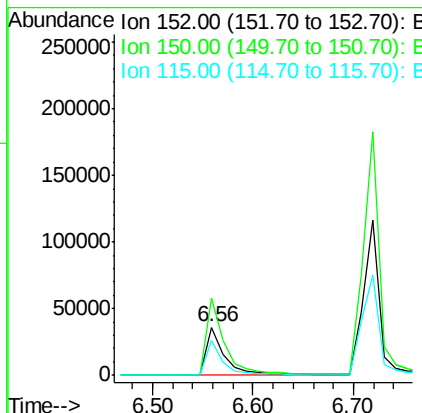
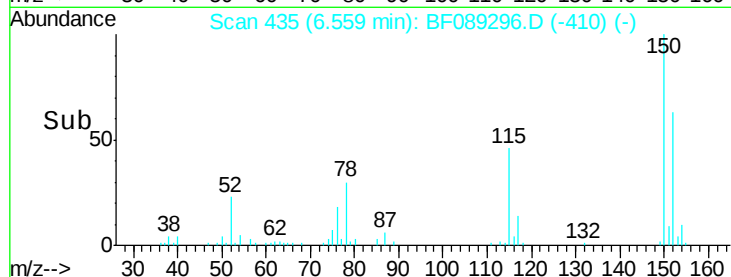
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.56 min Scan# 435
 Delta R.T. -0.01 min
 Lab File: BF089296.D
 Acq: 26 Jul 2016 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Tot Ion:152 Resp: 48214
 Ion Ratio Lower Upper
 152 100
 150 159.8 125.1 187.7
 115 72.7 51.1 76.7



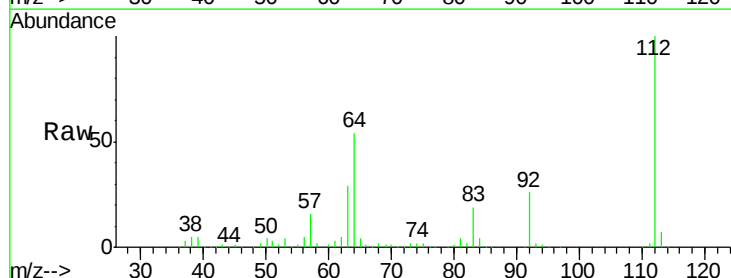
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



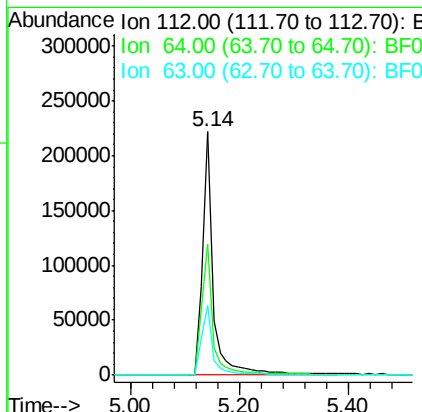
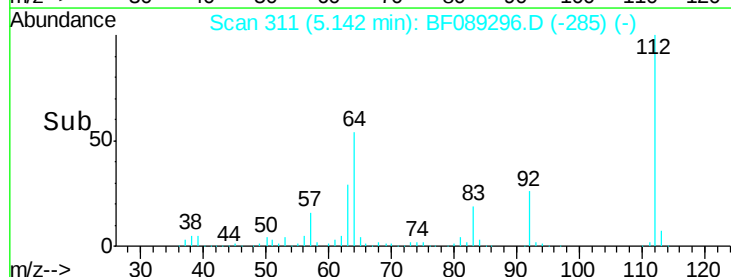
#5

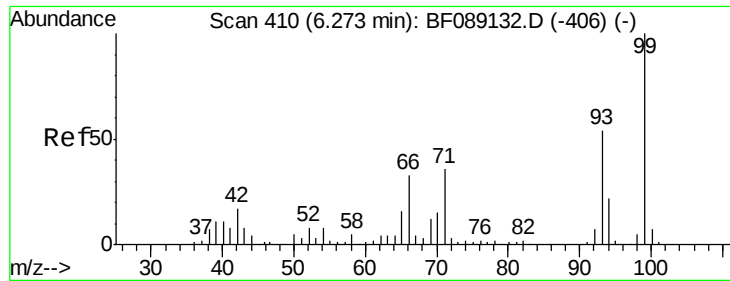
2-Fluorophenol
 Concen: 95.45 ng
 RT: 5.14 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: BF089296.D
 Acq: 26 Jul 2016 1:49

Tgt Ion:112 Resp: 302574
 Ion Ratio Lower Upper
 112 100
 64 53.9 51.0 76.4
 63 28.8 27.3 40.9



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: 94.75 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089296.D

Acq: 26 Jul 2016 1:49

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

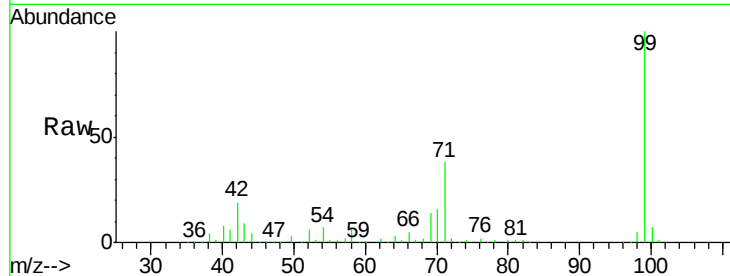
Tot Ion: 99 Resp: 387369

Ion Ratio Lower Upper

99 100

42 18.7 13.5 20.3

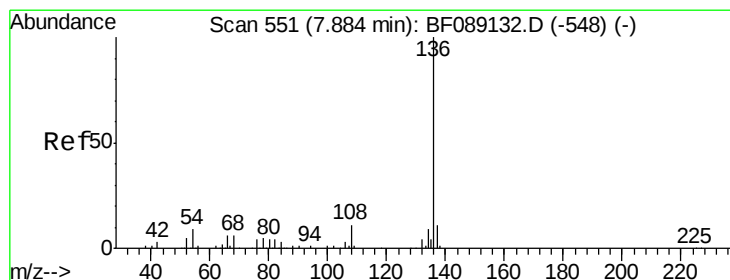
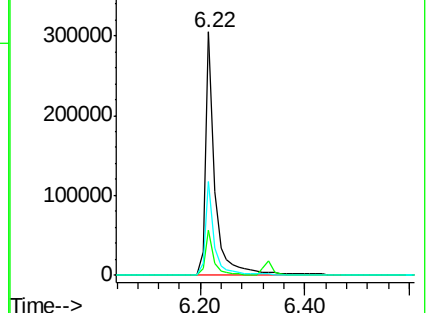
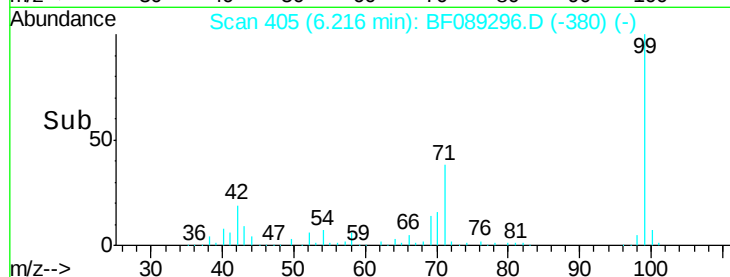
71 38.5 28.9 43.3



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: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF089296.D

Acq: 26 Jul 2016 1:49

Tgt Ion: 136 Resp: 188025

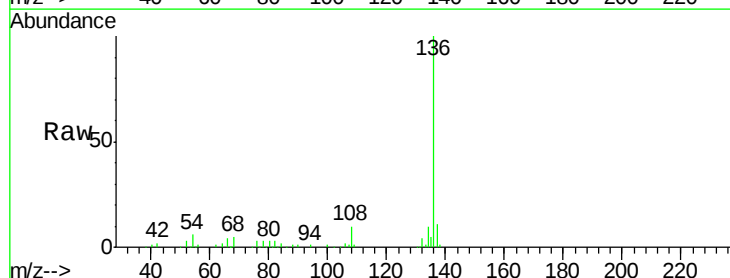
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 5.8 7.0 10.4#

68 5.0 5.0 7.6#

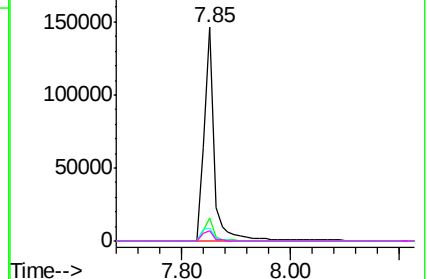
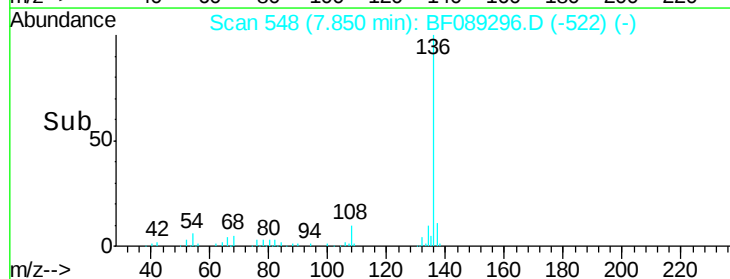


Abundance Ion 136.00 (135.70 to 136.70): E

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

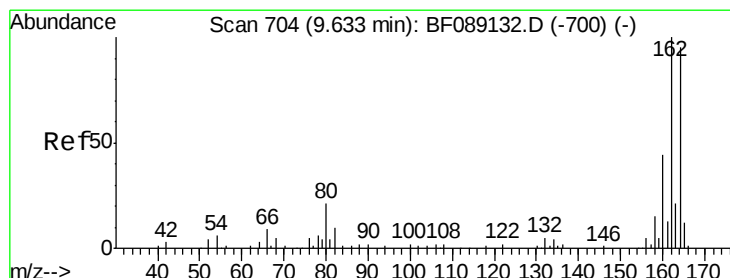
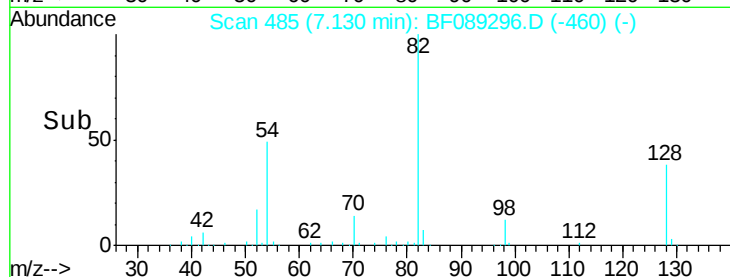
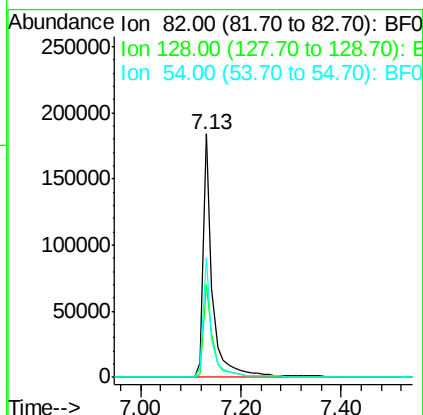
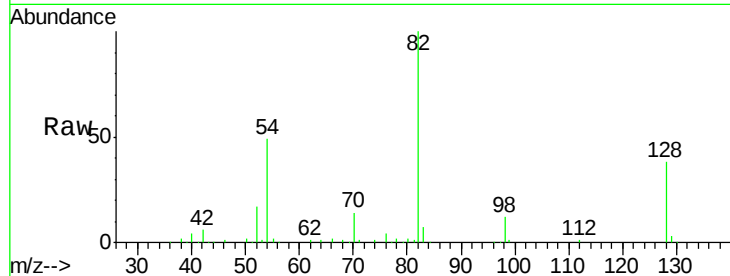




#23
 Nitrobenzene-d5
 Concen: 67.18 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF089296.D
 Acq: 26 Jul 2016 1:49

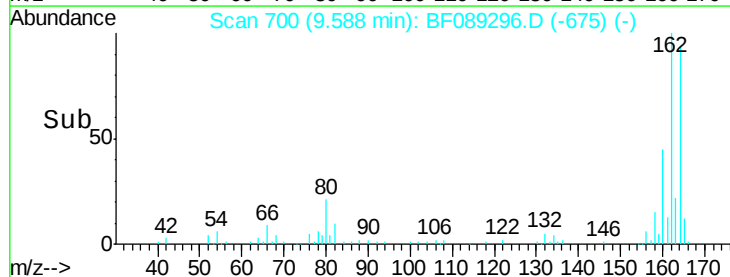
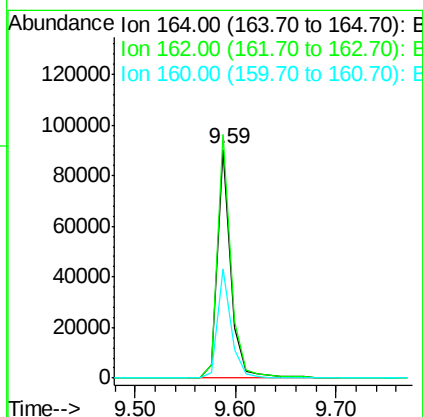
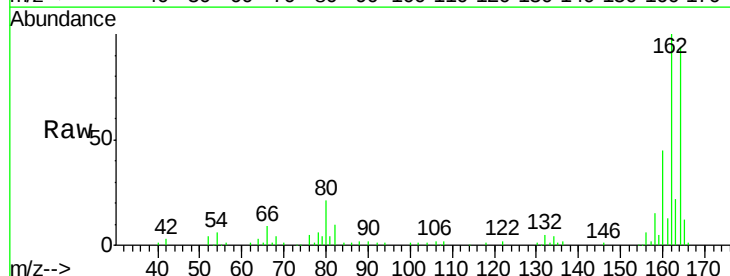
Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Tot Ion	82	Resp	237734
Ion Ratio	100	Lower	Upper
128	38.0	33.0	49.6
54	49.2	39.0	58.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF089296.D
 Acq: 26 Jul 2016 1:49

Tgt Ion	164	Resp	83913
Ion Ratio	100	Lower	Upper
162	106.6	84.1	126.1
160	47.7	37.1	55.7

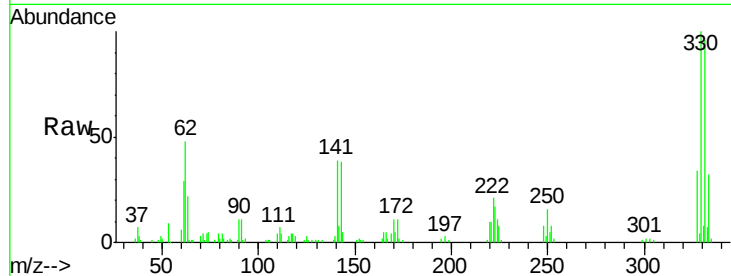




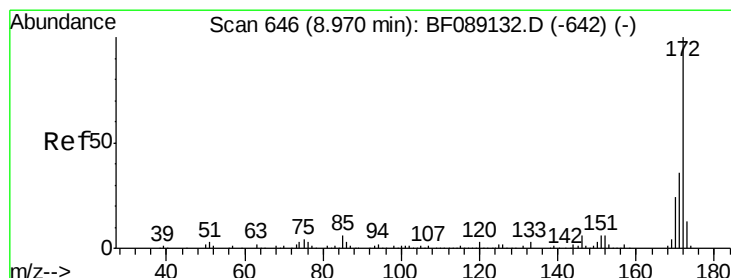
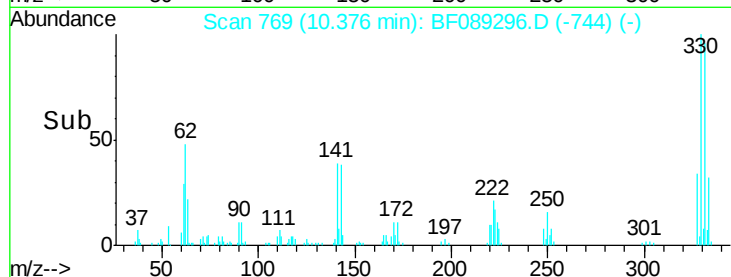
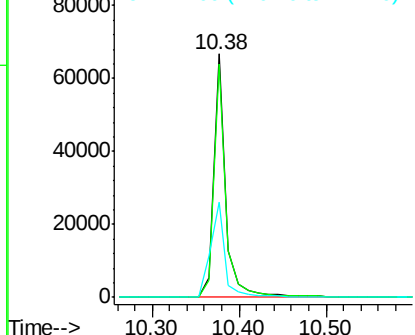
#41
 2,4,6-Tribromophenol
 Concen: 85.94 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF089296.D
 Acq: 26 Jul 2016 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Tot Ion:330 Resp: 64924
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.2 115.8
 141 47.0 42.2 63.2

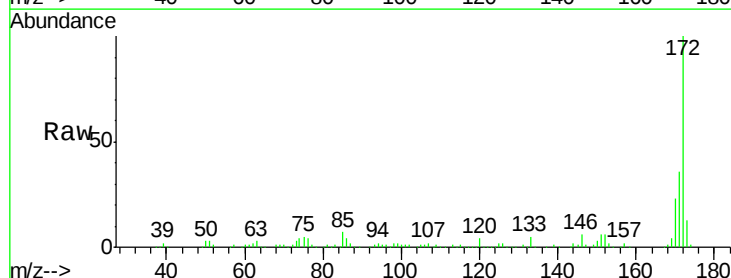


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

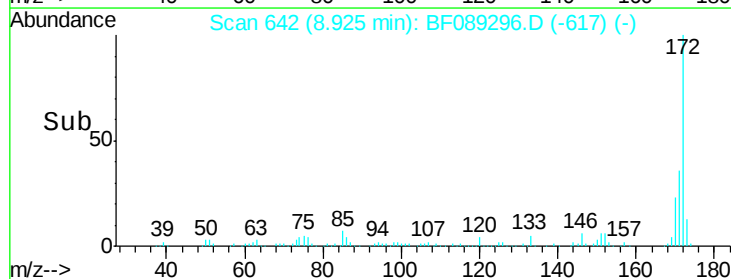
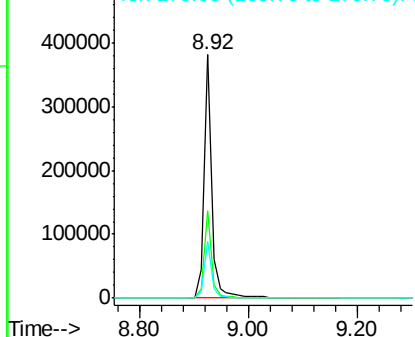


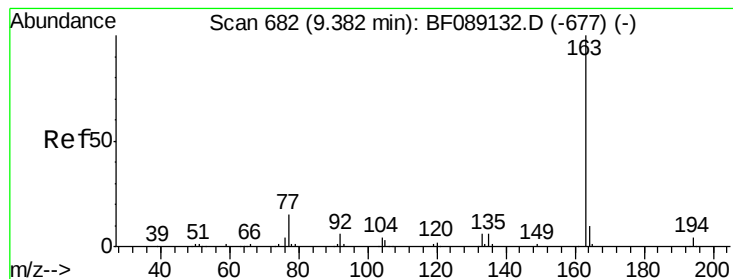
#44
 2-Fluorobiphenyl
 Concen: 60.80 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089296.D
 Acq: 26 Jul 2016 1:49

Tgt Ion:172 Resp: 370291
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.2 43.8
 170 23.4 19.1 28.7



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: 18.23 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF089296.D

Acq: 26 Jul 2016 1:49

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

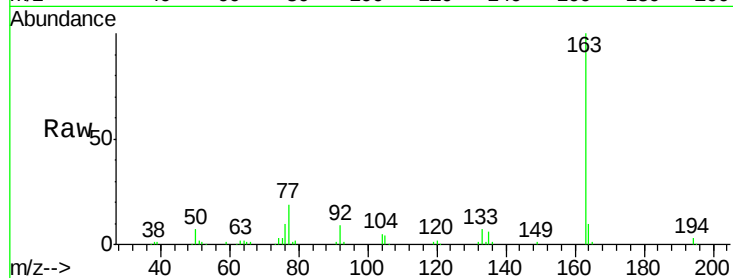
Tot Ion:163 Resp: 117406

Ion Ratio Lower Upper

163 100

194 3.2 2.9 4.3

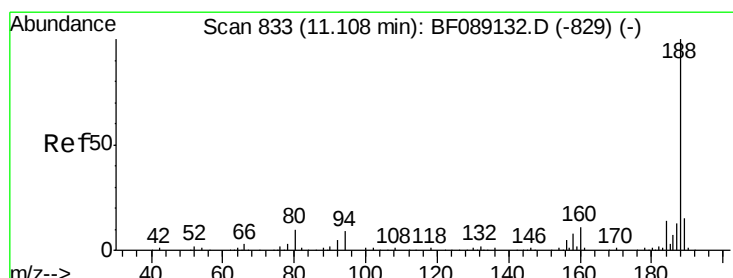
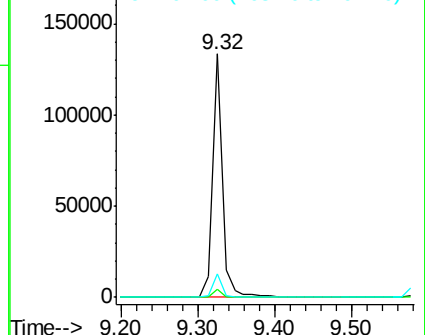
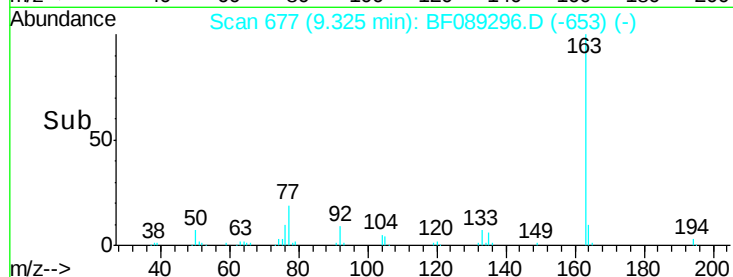
164 9.7 7.6 11.4



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: 11.06 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF089296.D

Acq: 26 Jul 2016 1:49

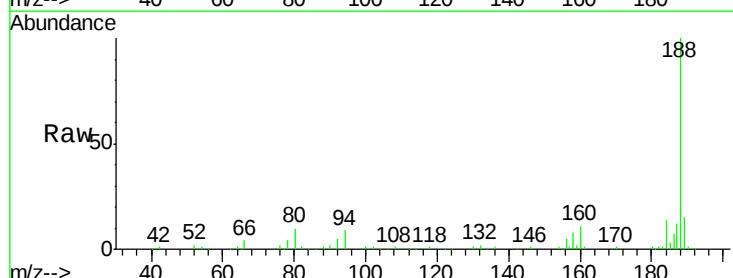
Tgt Ion:188 Resp: 145603

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.4

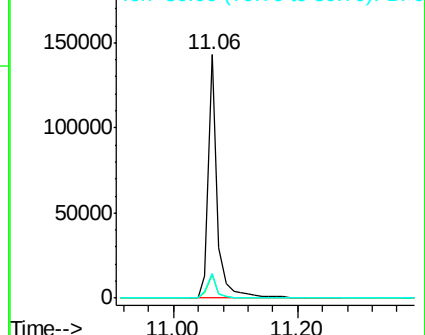
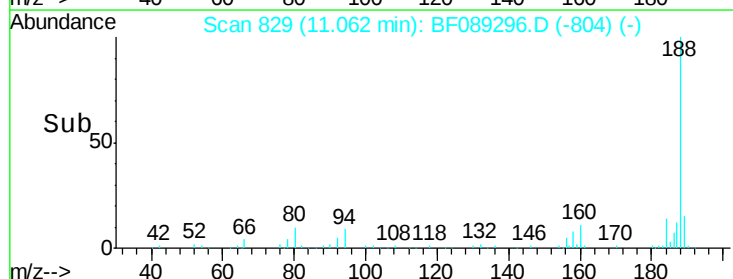
80 10.2 7.7 11.5



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: 13.68 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF089296.D

Acq: 26 Jul 2016 1:49

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

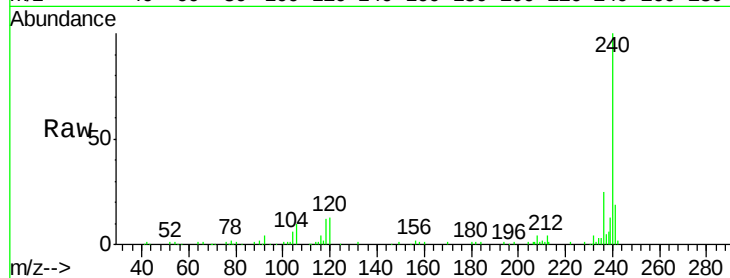
Tot Ion:240 Resp: 103233

Ion Ratio Lower Upper

240 100

120 12.6 13.6 20.4#

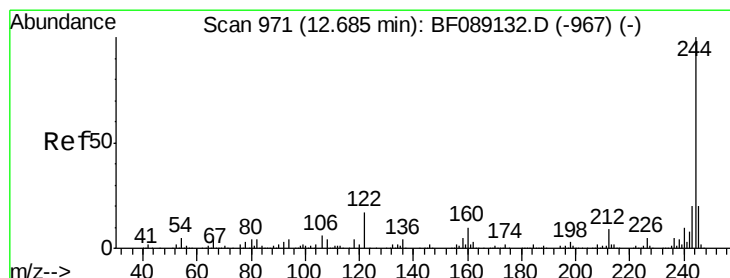
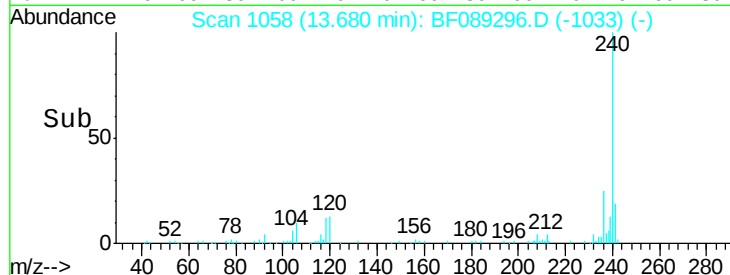
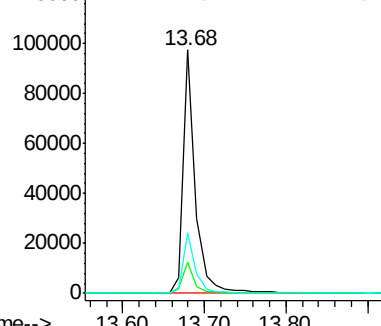
236 25.0 20.5 30.7



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: 46.85 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF089296.D

Acq: 26 Jul 2016 1:49

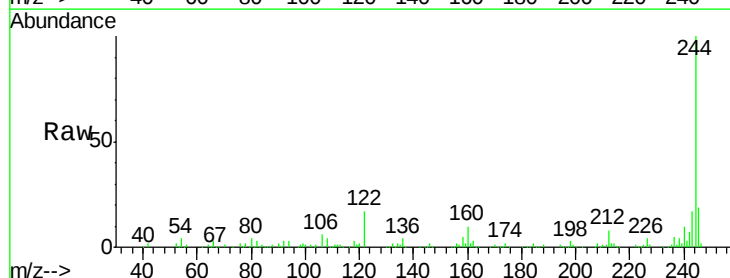
Tgt Ion:244 Resp: 222962

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

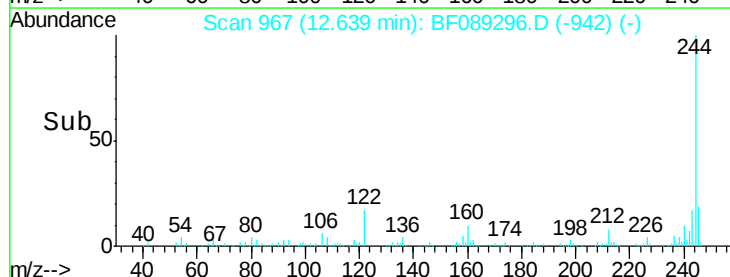
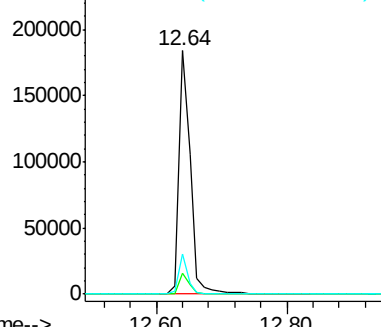
122 16.6 13.8 20.8

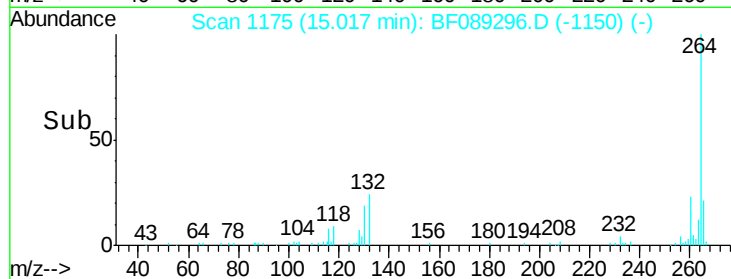
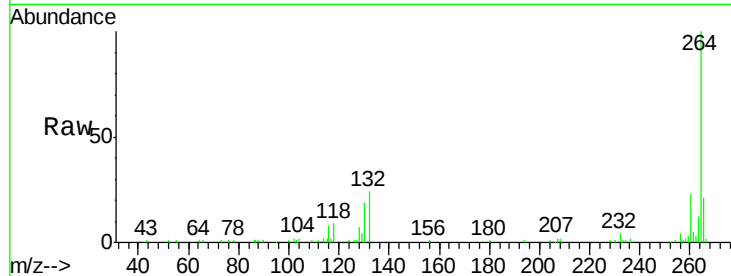
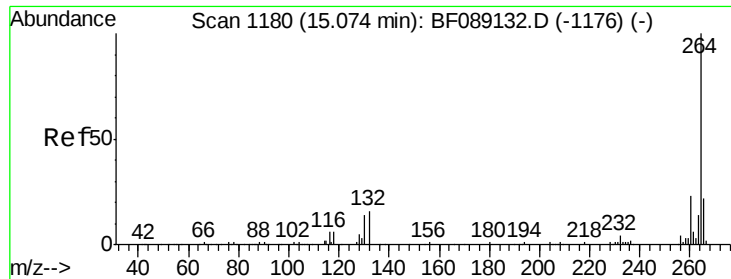


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.02 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF089296.D
Acq: 26 Jul 2016 1:49

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tot Ion: 264 Resp: 85462
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 21.4 17.3 25.9

