

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080916\
 Data File : BF089697.D
 Acq On : 9 Aug 2016 19:58
 Operator : UM/SJ
 Sample : PB92711BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92711BL

Quant Time: Aug 10 02:05:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	44339	20.00	ng	-0.03
21) Naphthalene-d8	9.44	136	189523	20.00	ng	-0.03
38) Acenaphthene-d10	12.26	164	90126	20.00	ng	-0.03
63) Phenanthrene-d10	14.65	188	165878	20.00	ng	-0.05
75) Chrysene-d12	18.37	240	106298	20.00	ng	-0.02
86) Perylene-d12	20.02	264	96353	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	296739	112.17	ng	0.02
7) Phenol-d6	6.98	99	389568	108.55	ng	0.00
23) Nitrobenzene-d5	8.32	82	239552	69.91	ng	-0.05
41) 2,4,6-Tribromophenol	13.55	330	63627	85.55	ng	-0.03
44) 2-Fluorobiphenyl	11.22	172	461940	66.61	ng	-0.03
78) Terphenyl-d14	17.03	244	371483	68.99	ng	-0.02

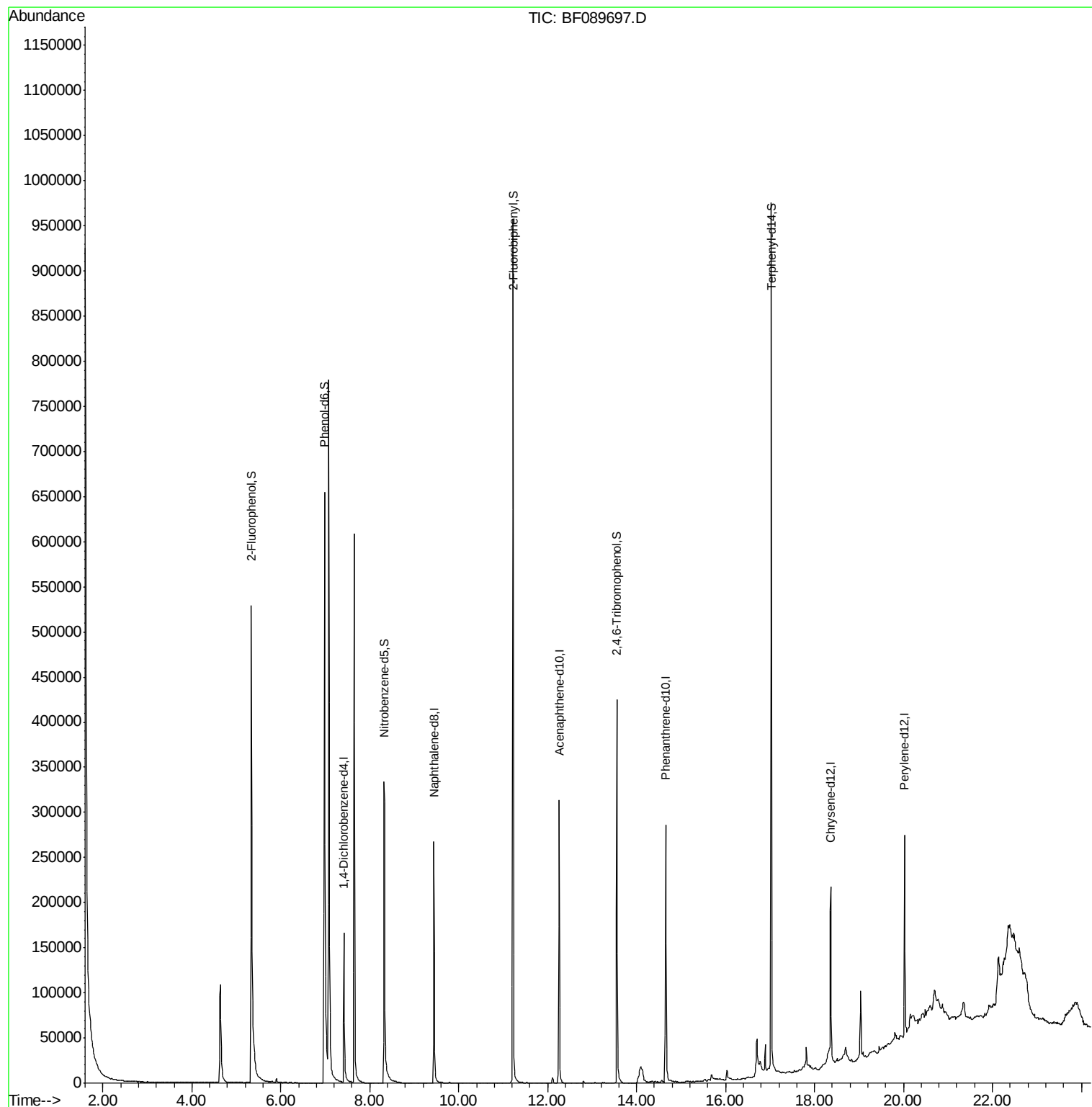
Target Compounds Qvalue

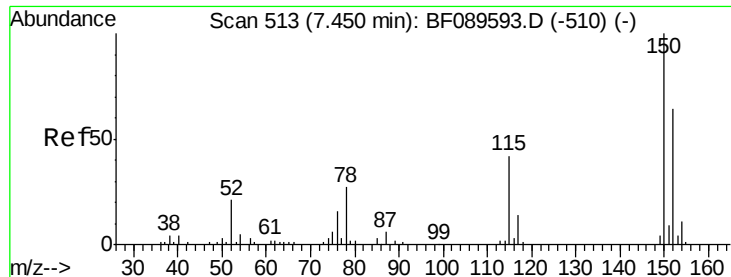
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 05 01:39:23 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.03 min

Lab File: BF089697.D

Acq: 9 Aug 2016 19:58

Instrument :

BNA_F

ClientSampleId :

PB92711BL

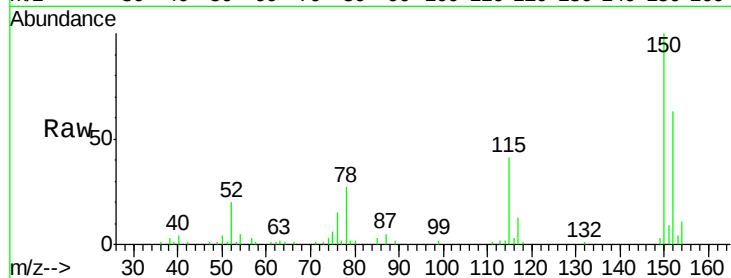
Tot Ion:152 Resp: 44339

Ion Ratio Lower Upper

152 100

150 159.7 125.5 188.3

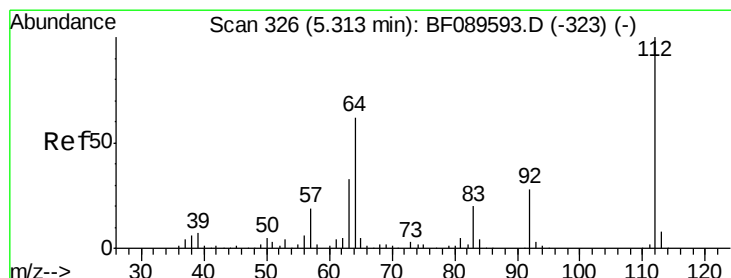
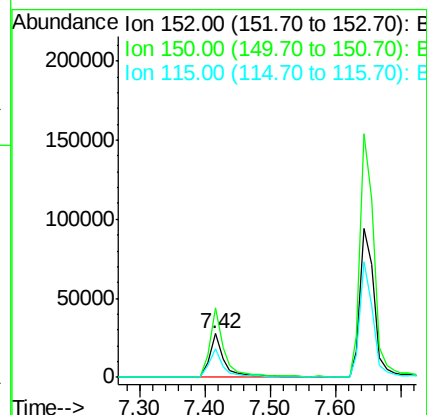
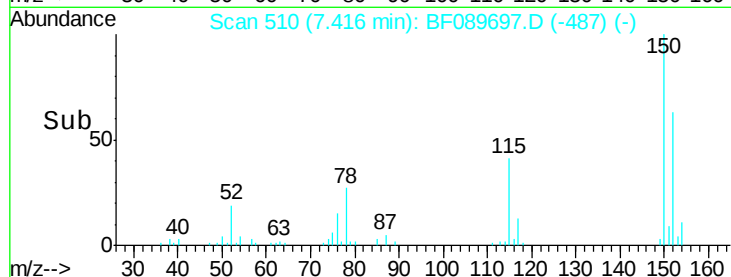
115 66.1 52.0 78.0



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: 112.17 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.02 min

Lab File: BF089697.D

Acq: 9 Aug 2016 19:58

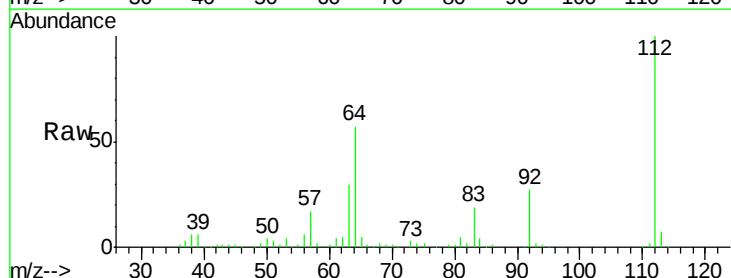
Tgt Ion:112 Resp: 296739

Ion Ratio Lower Upper

112 100

64 56.8 49.9 74.9

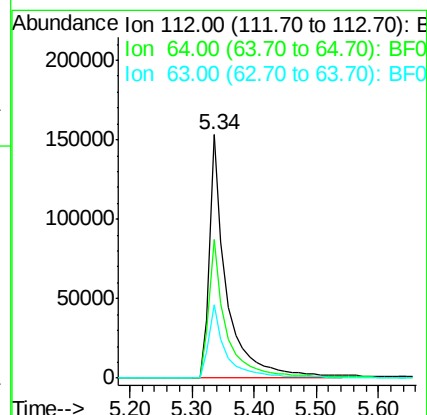
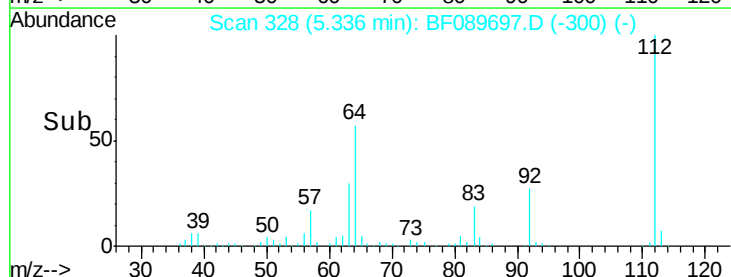
63 30.3 26.1 39.1

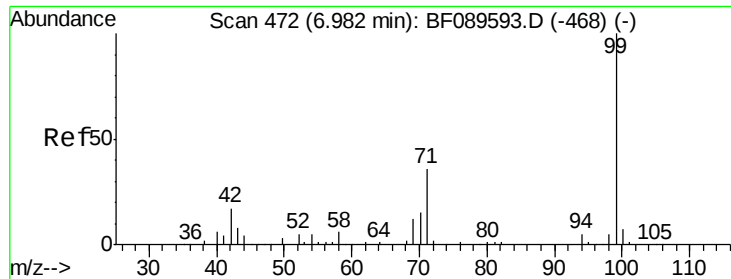


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.55 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089697.D

Acq: 9 Aug 2016 19:58

Instrument :

BNA_F

ClientSampleId :

PB92711BL

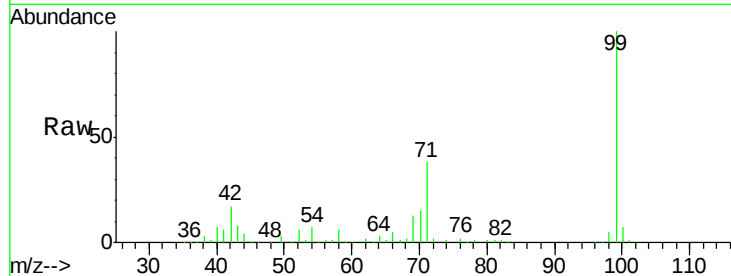
Tot Ion: 99 Resp: 389568

Ion Ratio Lower Upper

99 100

42 17.4 13.7 20.5

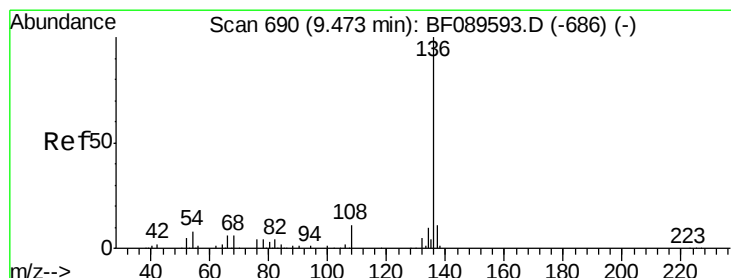
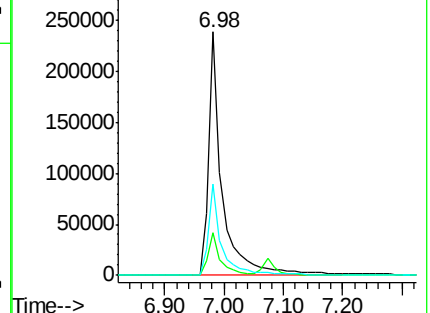
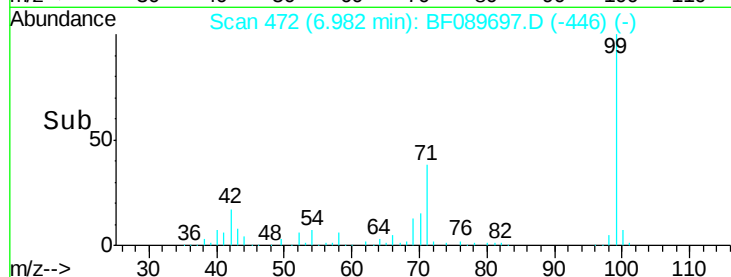
71 37.7 29.0 43.4



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: 9.44 min Scan# 687

Delta R.T. -0.03 min

Lab File: BF089697.D

Acq: 9 Aug 2016 19:58

Tgt Ion: 136 Resp: 189523

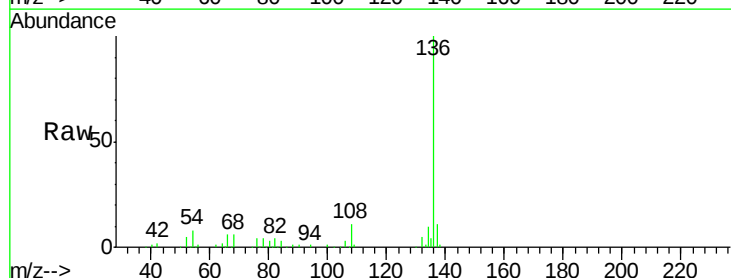
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 8.0 6.0 9.0

68 6.2 4.6 6.8

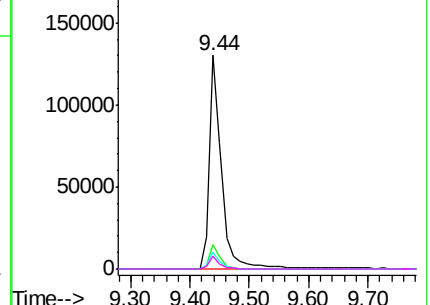
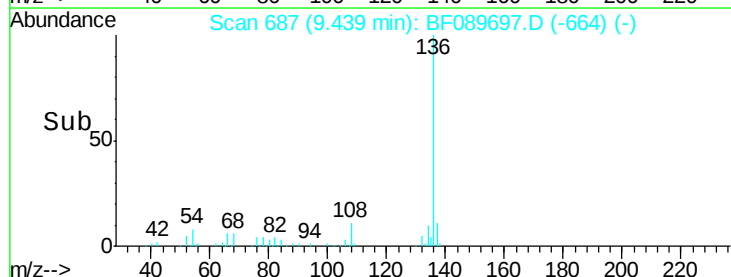


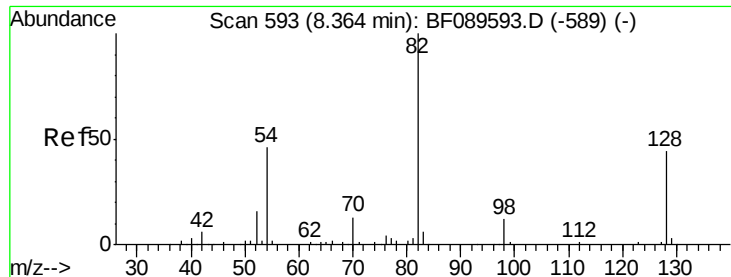
Abundance Ion 136.00 (135.70 to 136.70): E

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

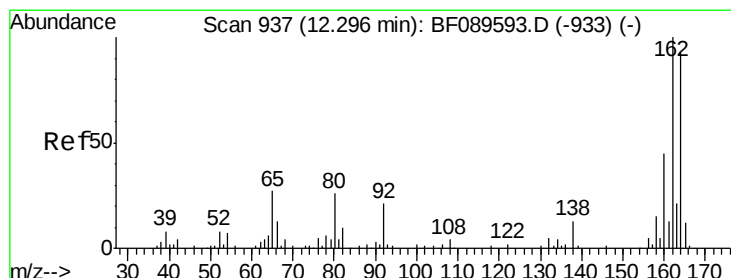
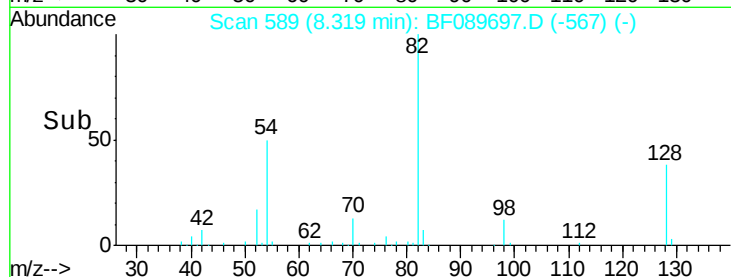
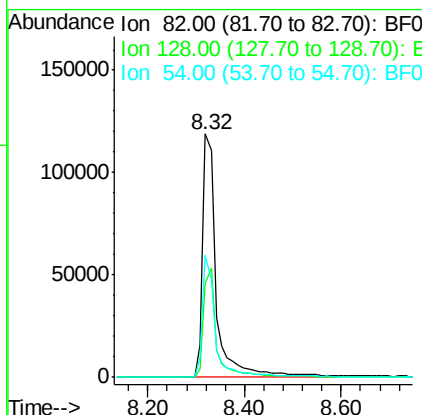
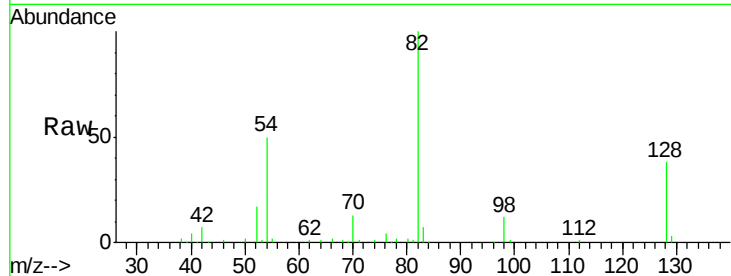




#23
 Nitrobenzene-d5
 Concen: 69.91 ng
 RT: 8.32 min Scan# 589
 Delta R.T. -0.05 min
 Lab File: BF089697.D
 Acq: 9 Aug 2016 19:58

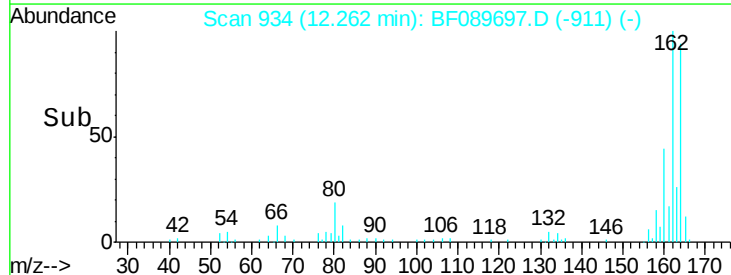
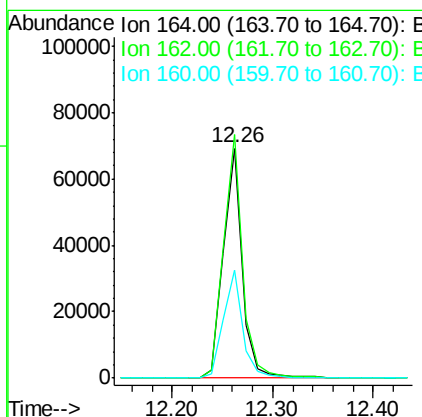
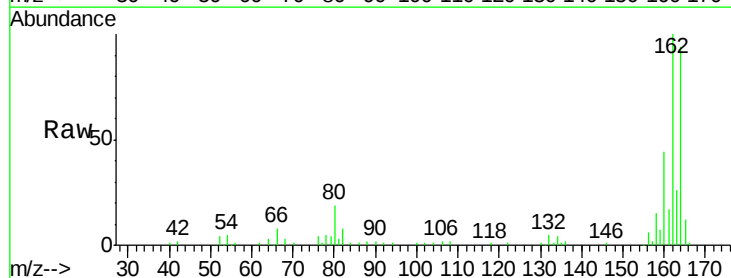
Instrument :
 BNA_F
 ClientSampleId :
 PB92711BL

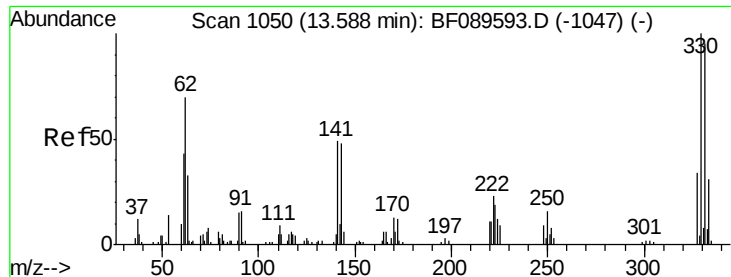
Tot Ion	82	Resp	239552
Ion Ratio	Lower	Upper	
82	100		
128	38.4	35.4	53.0
54	50.2	36.4	54.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.26 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF089697.D
 Acq: 9 Aug 2016 19:58

Tgt Ion	164	Resp	90126
Ion Ratio	Lower	Upper	
164	100		
162	106.0	85.7	128.5
160	47.0	38.2	57.4

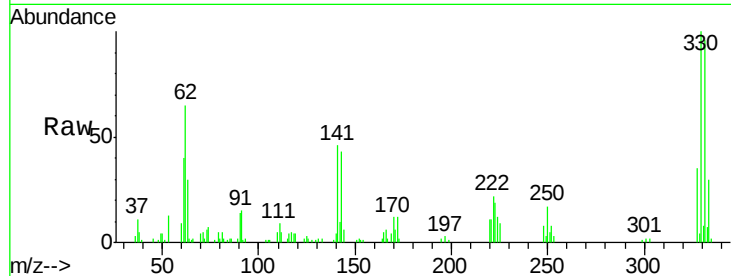




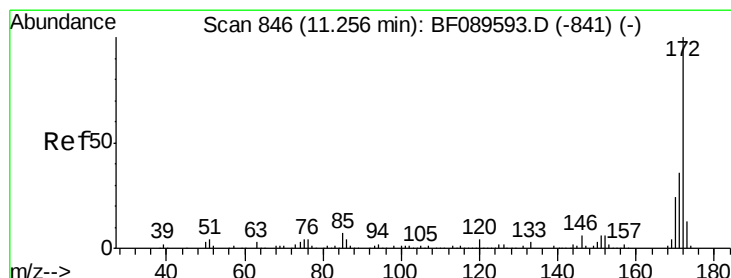
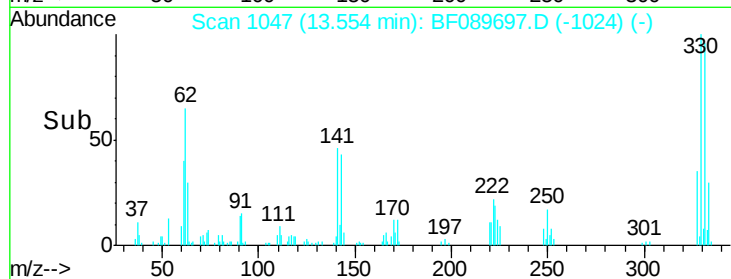
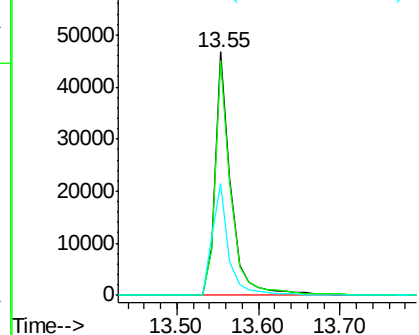
#41
 2,4,6-Tribromophenol
 Concen: 85.55 ng
 RT: 13.55 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF089697.D
 Acq: 9 Aug 2016 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB92711BL

Tot Ion:330 Resp: 63627
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 48.0 38.6 57.8

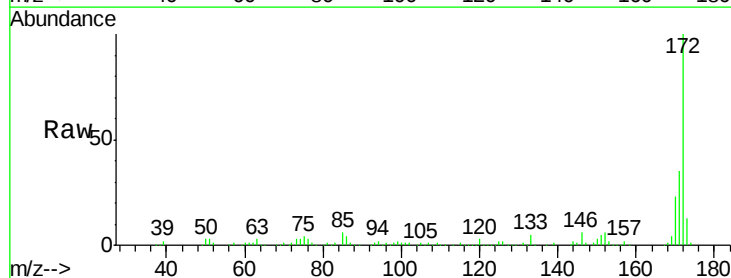


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

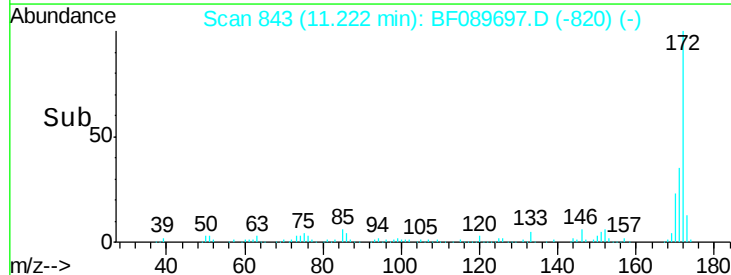
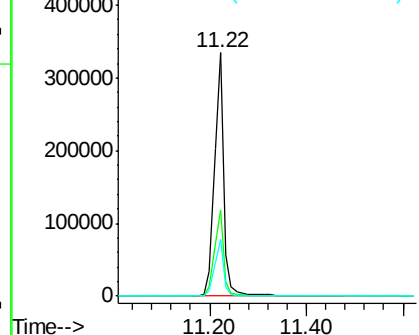


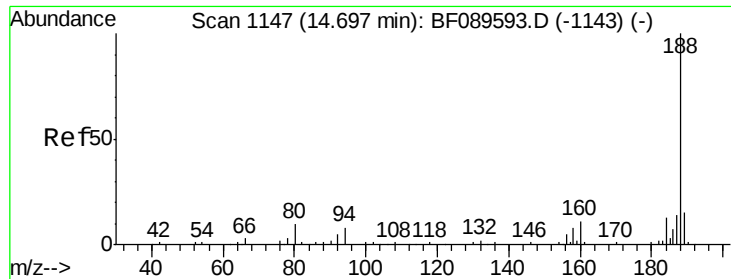
#44
 2-Fluorobiphenyl
 Concen: 66.61 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.03 min
 Lab File: BF089697.D
 Acq: 9 Aug 2016 19:58

Tgt Ion:172 Resp: 461940
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.9 43.3
 170 23.3 19.0 28.6



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: 14.65 min Scan# 1143

Delta R.T. -0.05 min

Lab File: BF089697.D

Acq: 9 Aug 2016 19:58

Instrument :

BNA_F

ClientSampleId :

PB92711BL

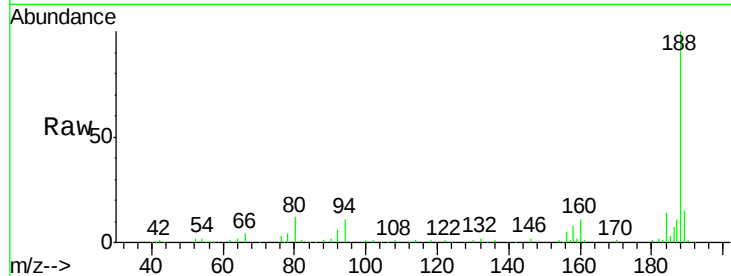
Tot Ion:188 Resp: 165878

Ion Ratio Lower Upper

188 100

94 10.6 6.5 9.7#

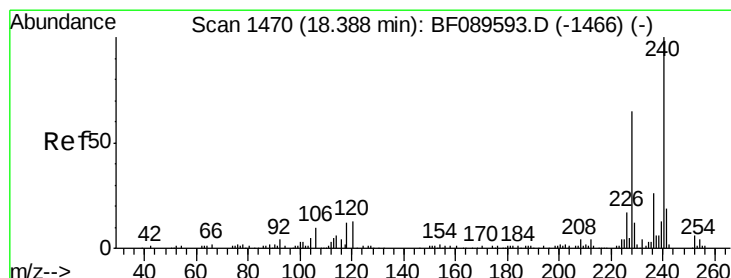
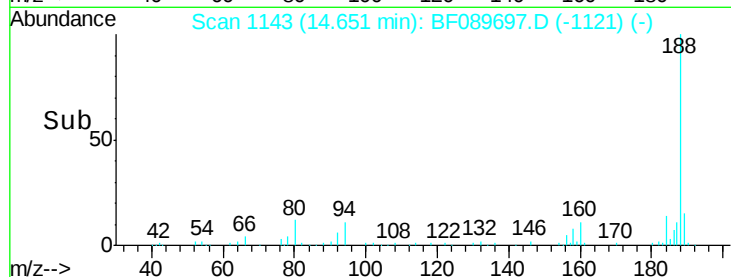
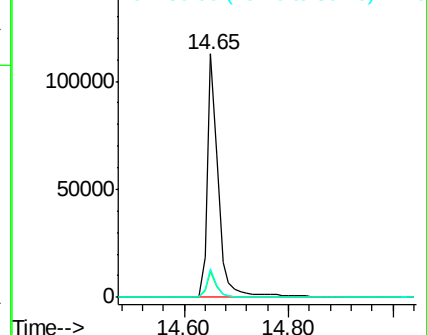
80 12.0 8.0 12.0



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: 18.37 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BF089697.D

Acq: 9 Aug 2016 19:58

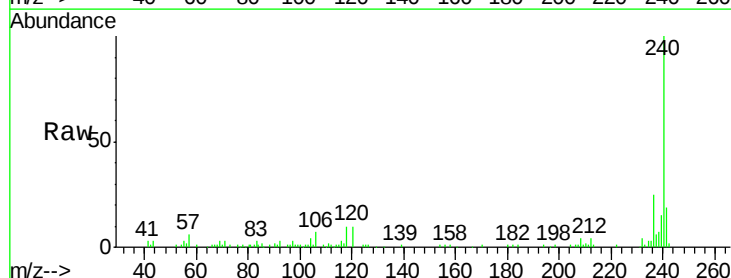
Tgt Ion:240 Resp: 106298

Ion Ratio Lower Upper

240 100

120 10.1 10.6 15.8#

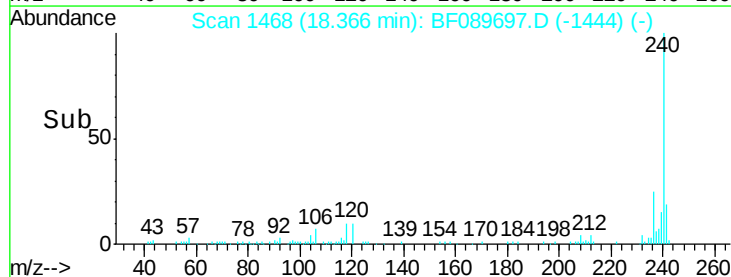
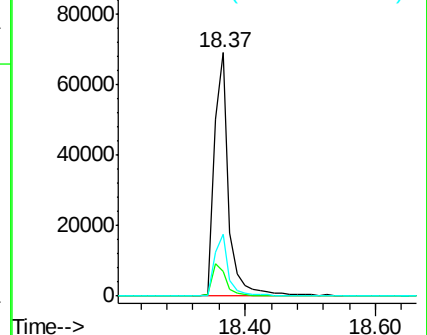
236 25.4 20.6 30.8

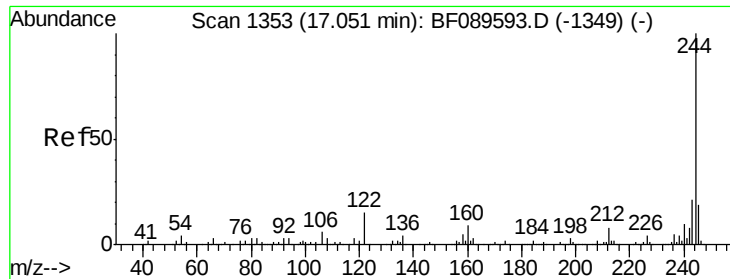


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 68.99 ng

RT: 17.03 min Scan# 1351

Delta R.T. -0.02 min

Lab File: BF089697.D

Acq: 9 Aug 2016 19:58

Instrument :

BNA_F

ClientSampleId :

PB92711BL

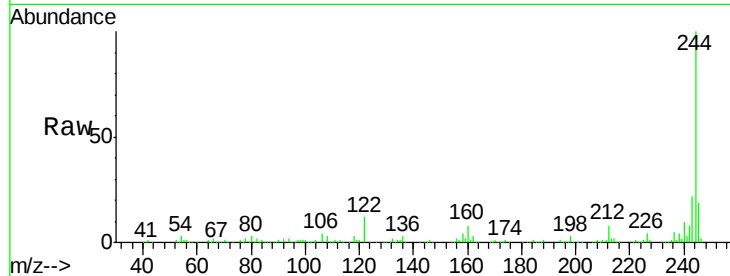
Tot Ion:244 Resp: 371483

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

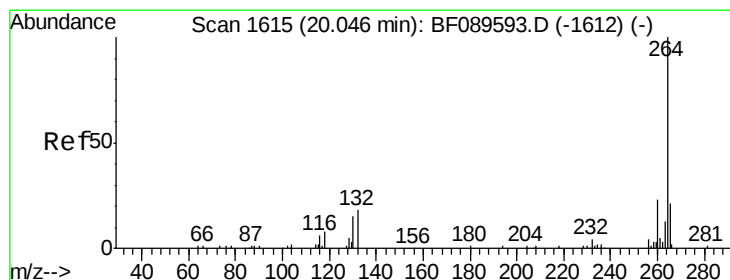
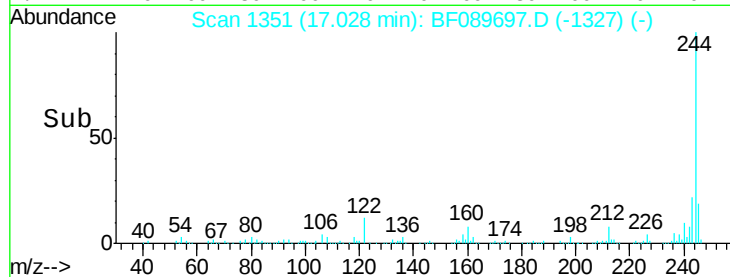
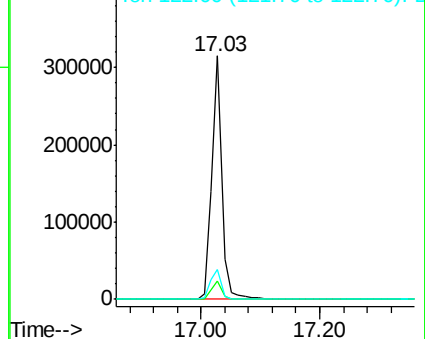
122 12.4 12.2 18.2



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: 20.02 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BF089697.D

Acq: 9 Aug 2016 19:58

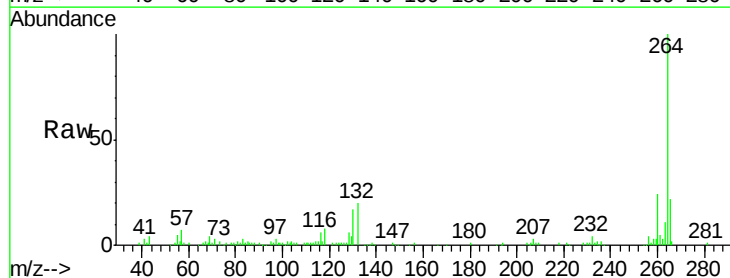
Tgt Ion:264 Resp: 96353

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.8 16.5 24.7



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

