

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
 Data File : BF089297.D
 Acq On : 26 Jul 2016 2:18
 Operator : UM/SJ
 Sample : H4184-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Quant Time: Jul 26 03:52:28 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

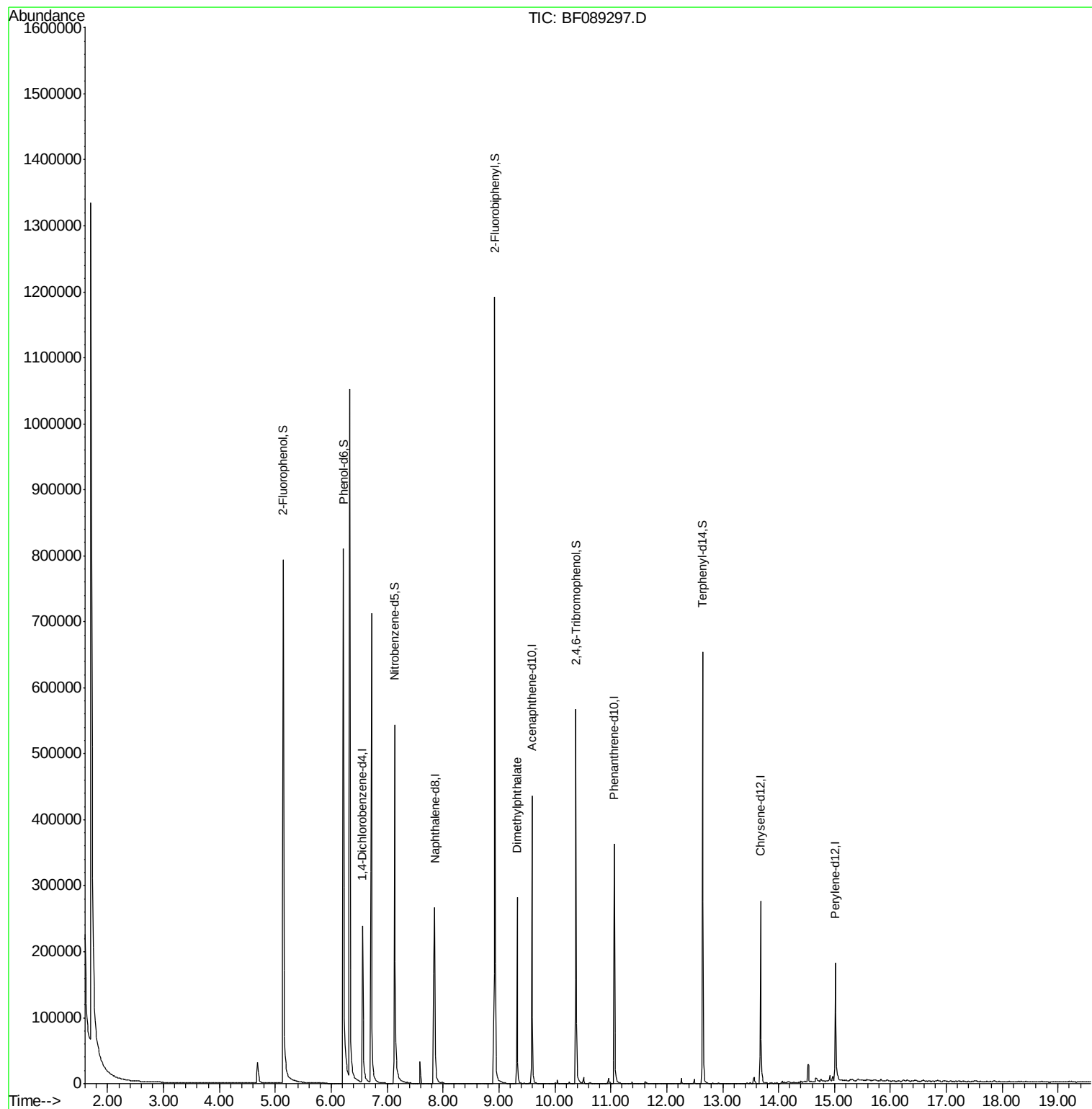
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	49812	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	191490	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	86255	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	150644	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	101171	20.00	ng	-0.01
86) Perylene-d12	15.02	264	84767	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	298528	91.15	ng	0.00
7) Phenol-d6	6.22	99	378747	89.67	ng	-0.01
23) Nitrobenzene-d5	7.13	82	244742	67.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	66197	85.24	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	388069	61.99	ng	-0.01
78) Terphenyl-d14	12.64	244	228101	48.90	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.32	163	116760	17.64	ng	99

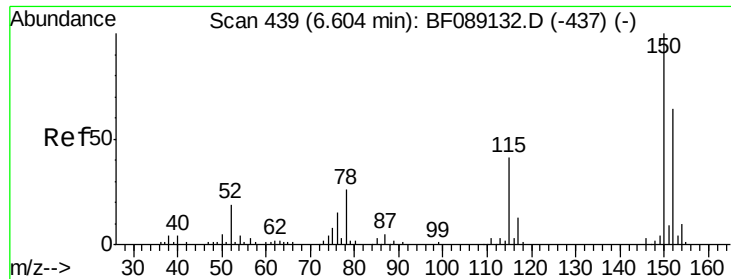
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089297.D

Acq: 26 Jul 2016 2:18

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

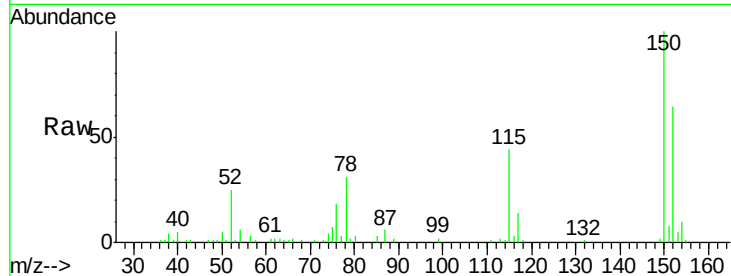
Tot Ion:152 Resp: 49812

Ion Ratio Lower Upper

152 100

150 156.2 125.1 187.7

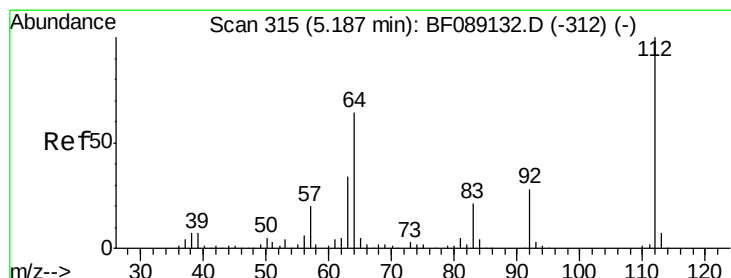
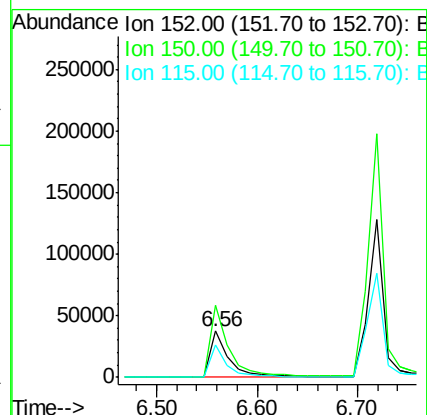
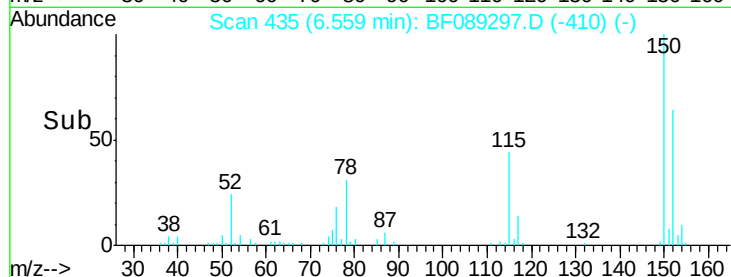
115 69.4 51.1 76.7



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: 91.15 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF089297.D

Acq: 26 Jul 2016 2:18

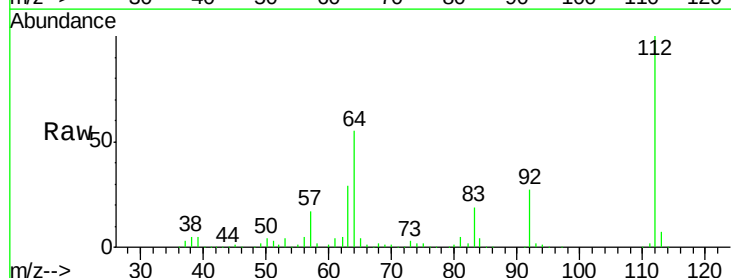
Tgt Ion:112 Resp: 298528

Ion Ratio Lower Upper

112 100

64 55.3 51.0 76.4

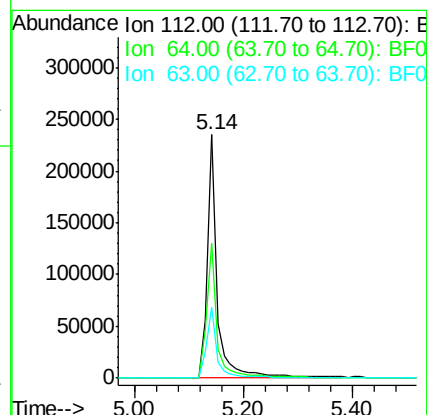
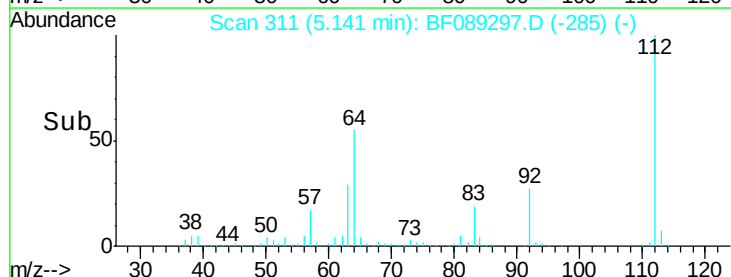
63 29.1 27.3 40.9

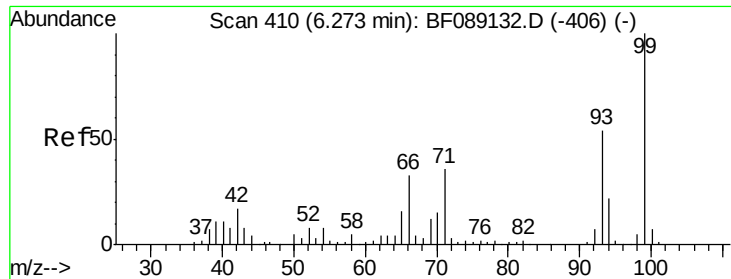


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 89.67 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089297.D

Acq: 26 Jul 2016 2:18

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

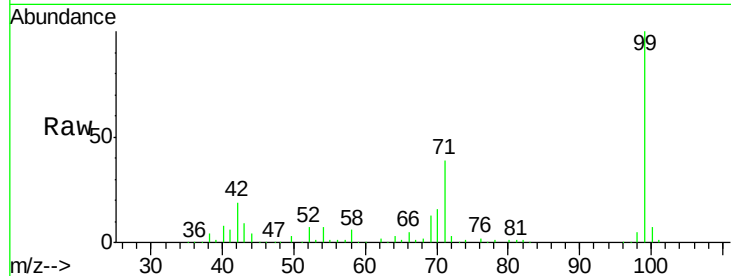
Tot Ion: 99 Resp: 378747

Ion Ratio Lower Upper

99 100

42 19.0 13.5 20.3

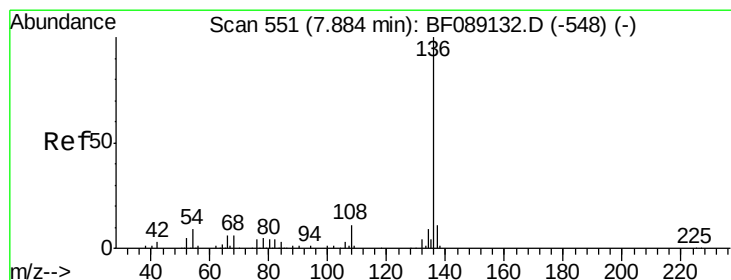
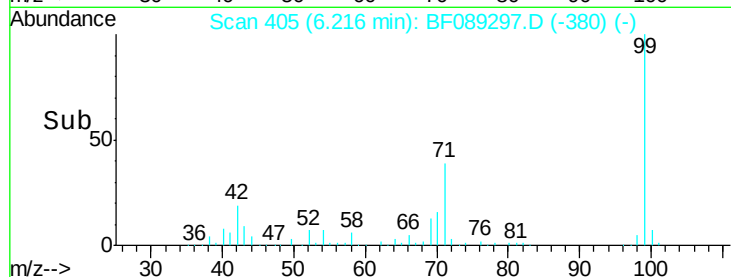
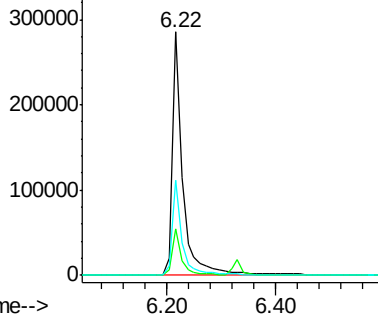
71 38.9 28.9 43.3



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: BF089297.D

Acq: 26 Jul 2016 2:18

Tgt Ion: 136 Resp: 191490

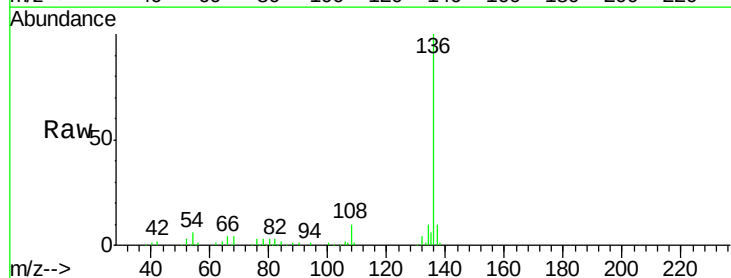
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 5.7 7.0 10.4#

68 4.5 5.0 7.6#

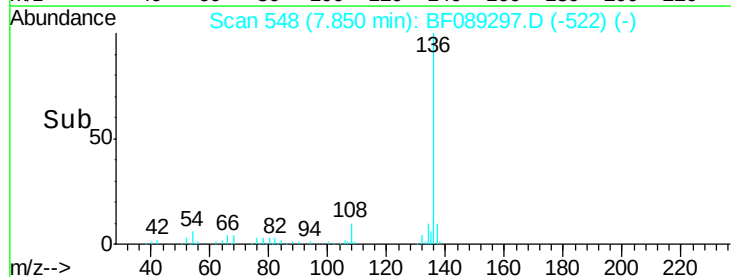
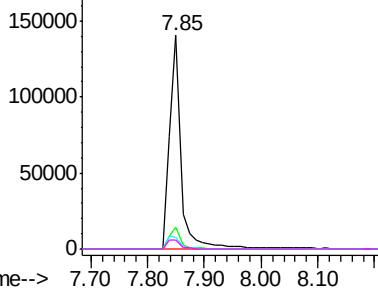


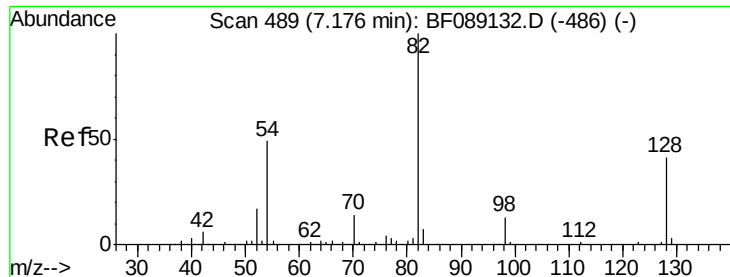
Abundance Ion 136.00 (135.70 to 136.70): E

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

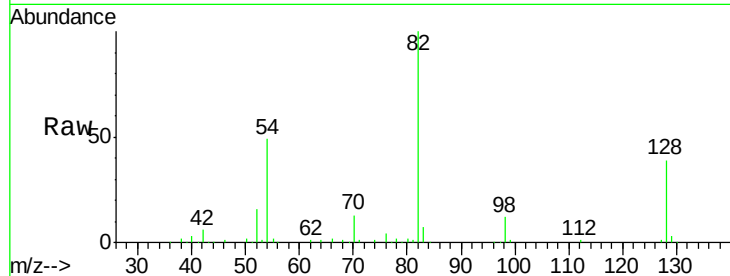




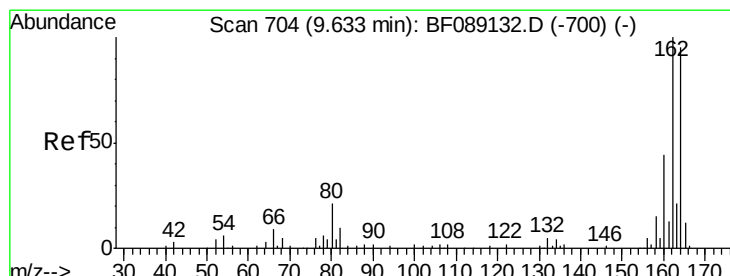
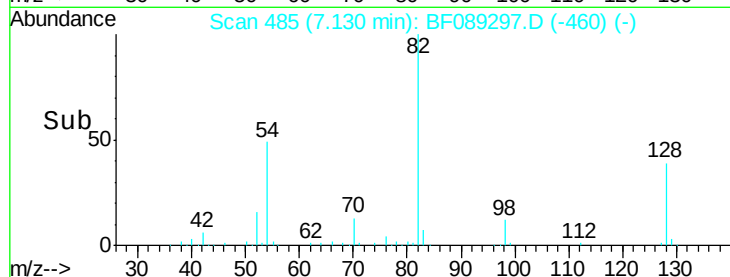
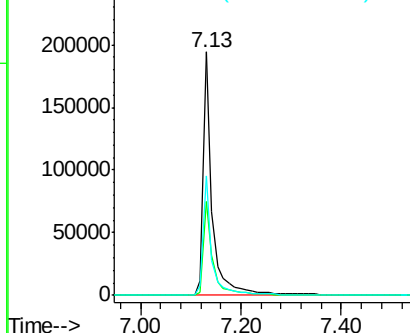
#23
Nitrobenzene-d5
Concen: 67.91 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF089297.D
Acq: 26 Jul 2016 2:18

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Tot Ion: 82 Resp: 244742
Ion Ratio Lower Upper
82 100
128 38.7 33.0 49.6
54 48.9 39.0 58.4

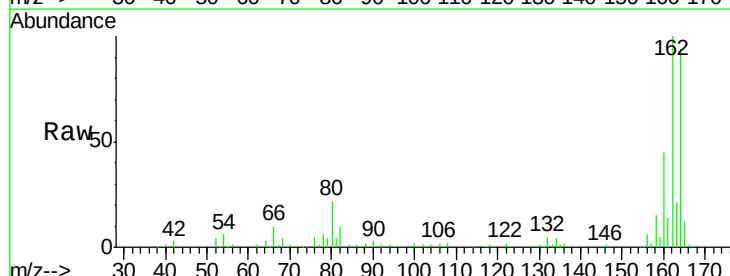


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

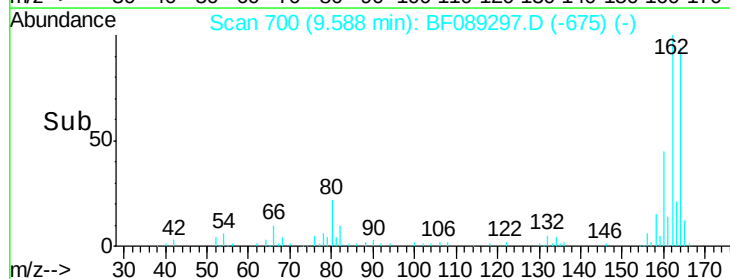
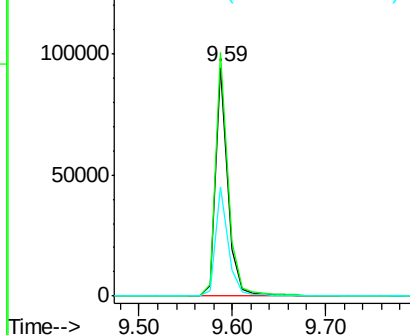


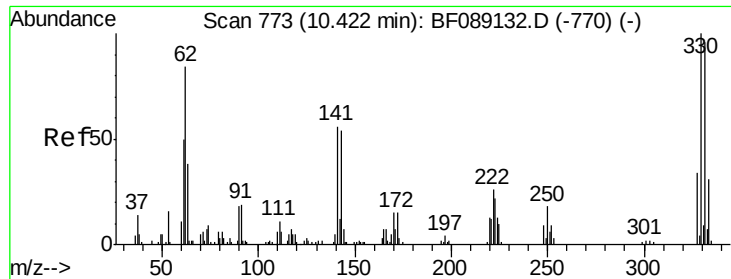
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF089297.D
Acq: 26 Jul 2016 2:18

Tgt Ion:164 Resp: 86255
Ion Ratio Lower Upper
164 100
162 106.6 84.1 126.1
160 47.6 37.1 55.7



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

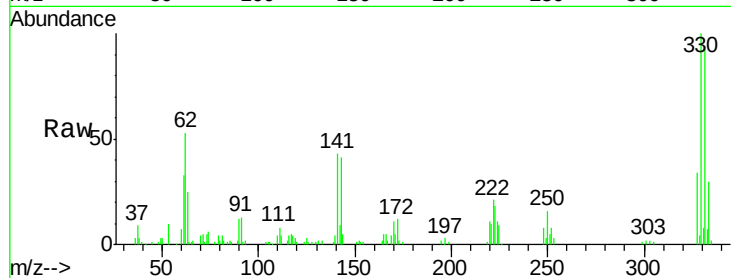




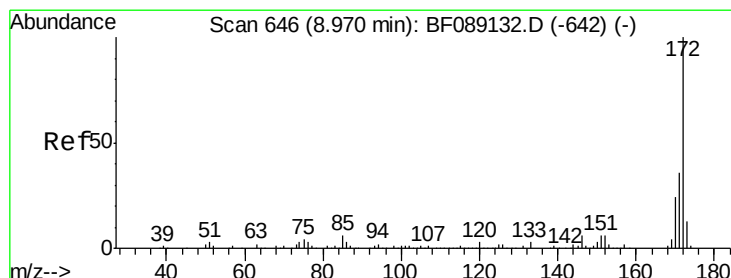
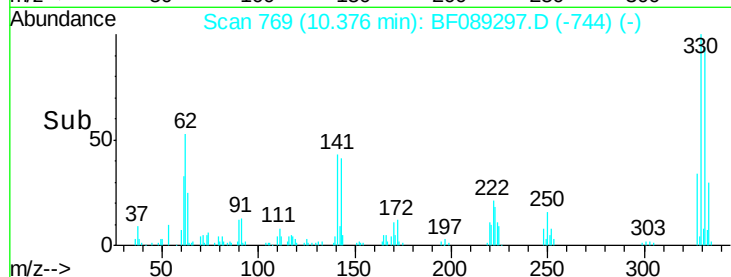
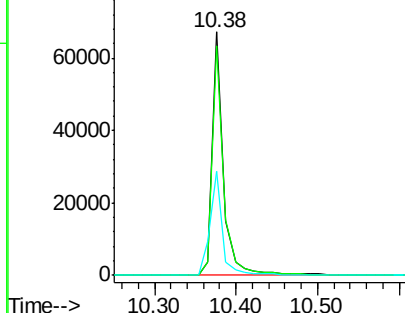
#41
 2,4,6-Tribromophenol
 Concen: 85.24 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF089297.D
 Acq: 26 Jul 2016 2:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Tot Ion:330 Resp: 66197
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.2 115.8
 141 47.4 42.2 63.2

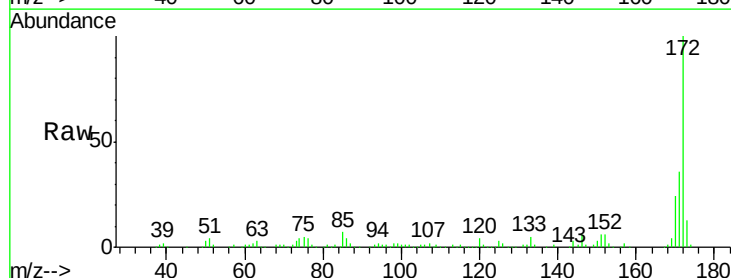


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

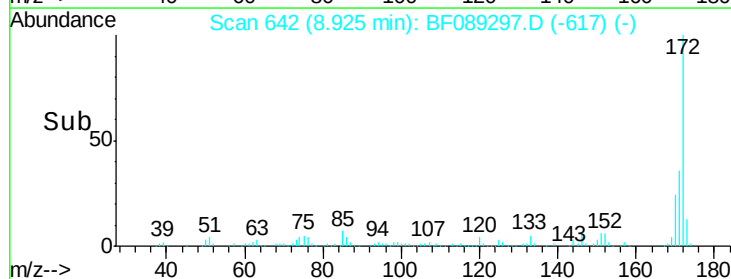
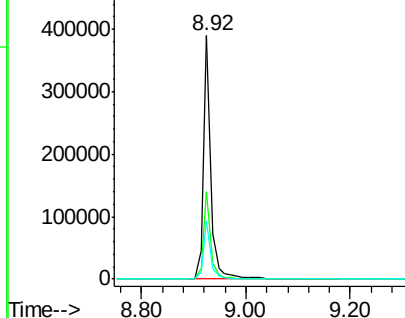


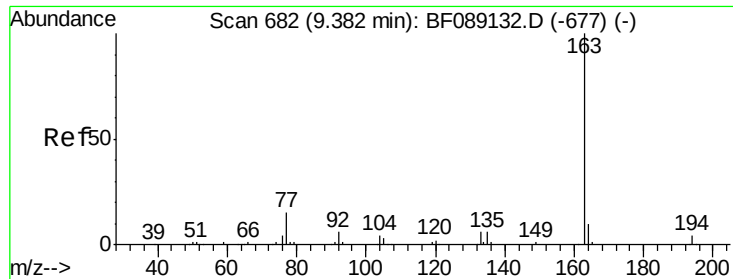
#44
 2-Fluorobiphenyl
 Concen: 61.99 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089297.D
 Acq: 26 Jul 2016 2:18

Tgt Ion:172 Resp: 388069
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.2 43.8
 170 23.8 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

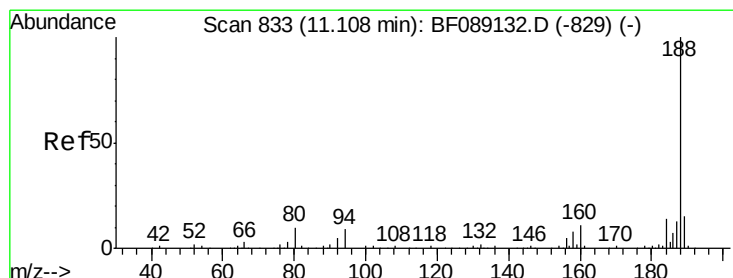
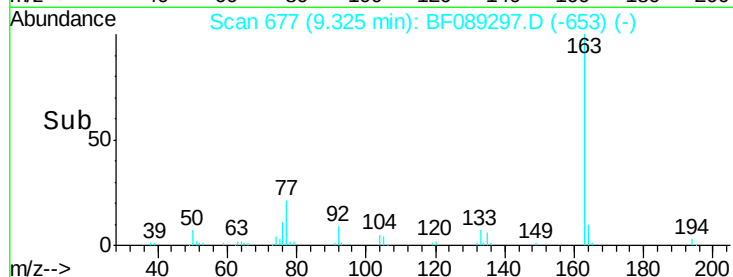
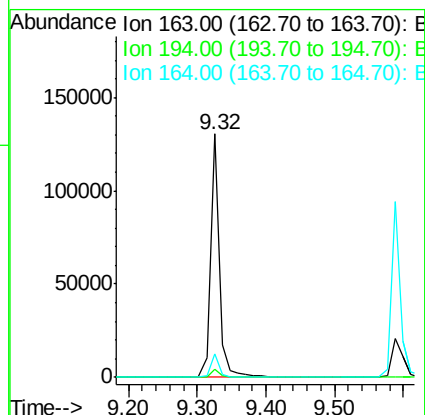
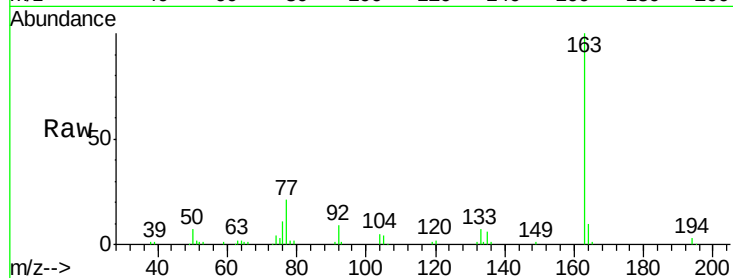




#49
Dimethylphthalate
Concen: 17.64 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF089297.D
Acq: 26 Jul 2016 2:18

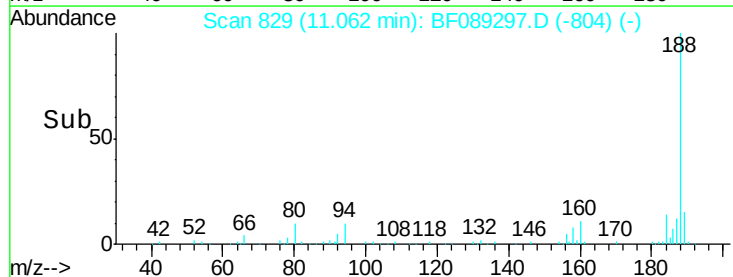
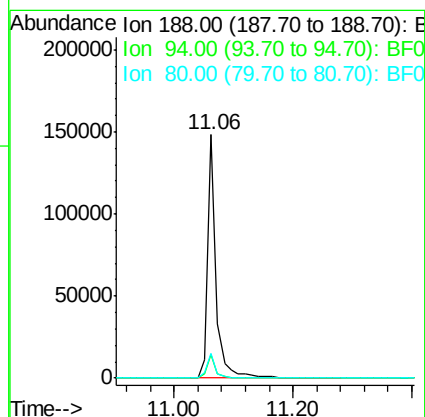
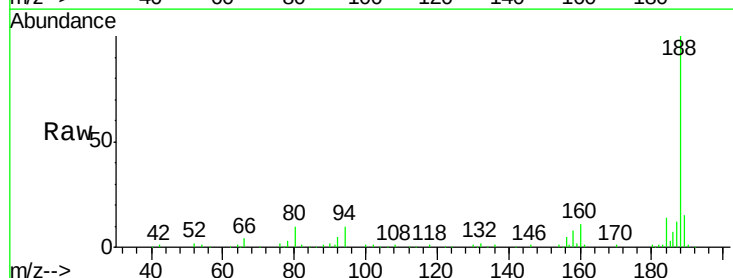
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

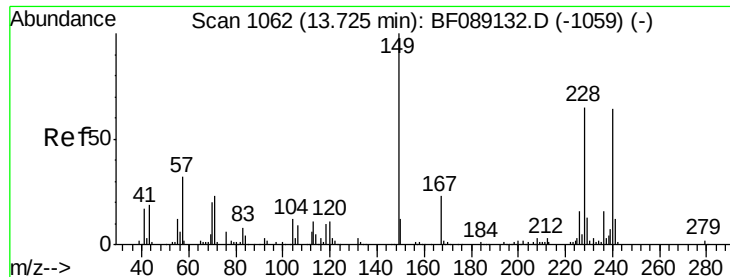
Tot Ion:163 Resp: 116760
Ion Ratio Lower Upper
163 100
194 3.2 2.9 4.3
164 9.8 7.6 11.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF089297.D
Acq: 26 Jul 2016 2:18

Tgt Ion:188 Resp: 150644
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.4
80 10.2 7.7 11.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF089297.D

Acq: 26 Jul 2016 2:18

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

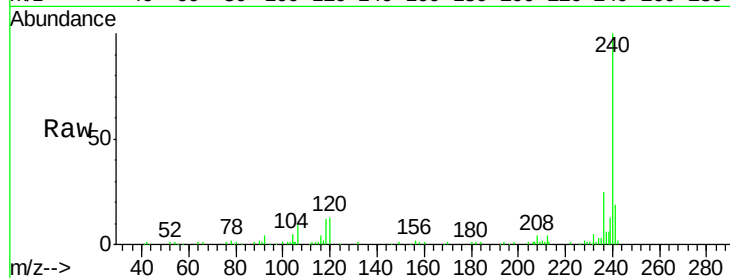
Tot Ion:240 Resp: 101171

Ion Ratio Lower Upper

240 100

120 12.8 13.6 20.4#

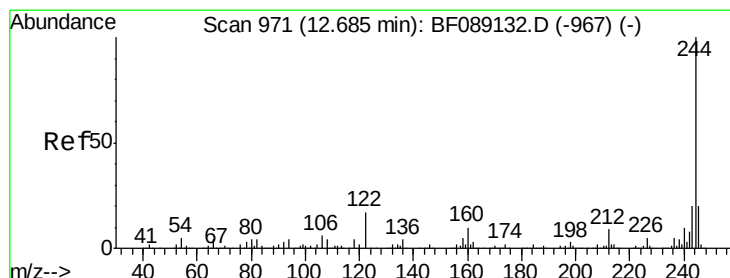
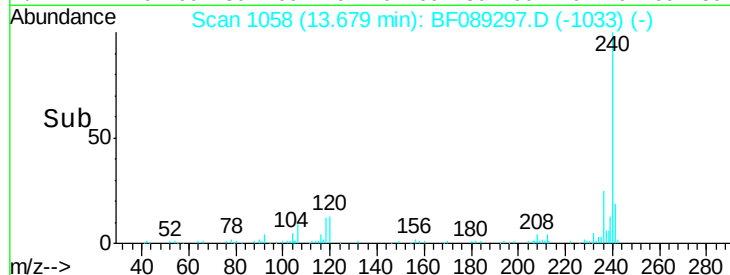
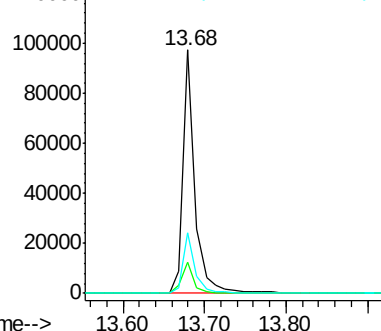
236 24.9 20.5 30.7



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: 48.90 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF089297.D

Acq: 26 Jul 2016 2:18

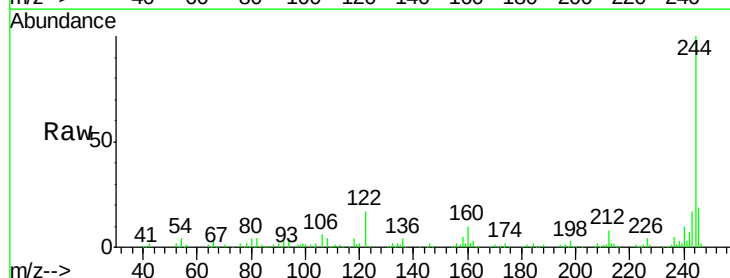
Tgt Ion:244 Resp: 228101

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

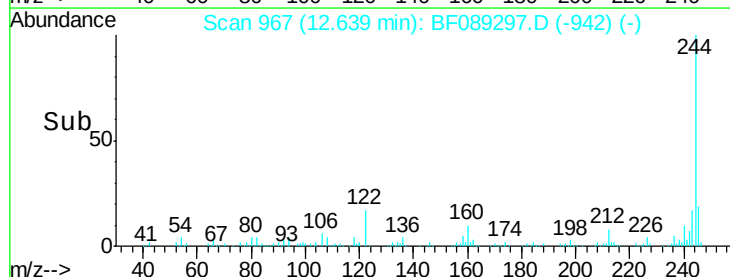
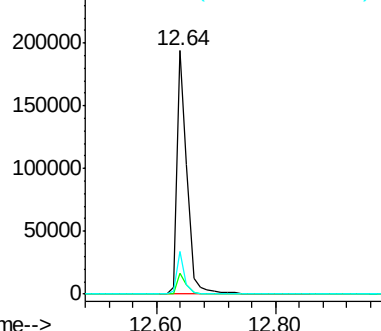
122 17.4 13.8 20.8

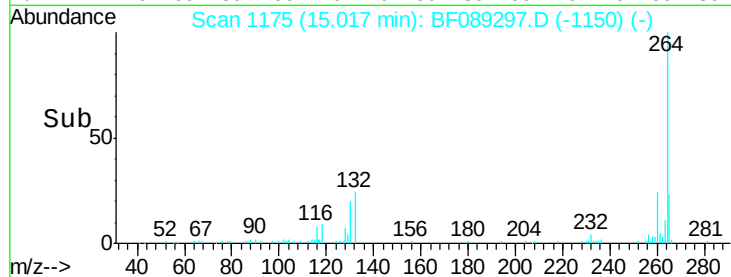
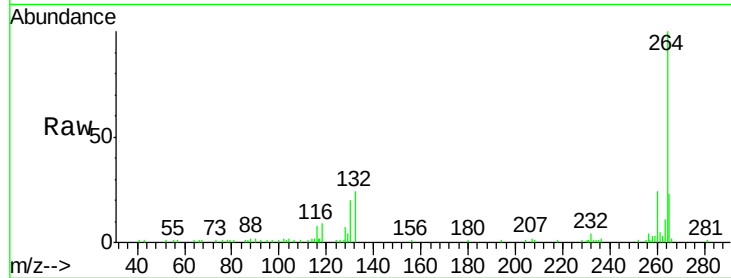
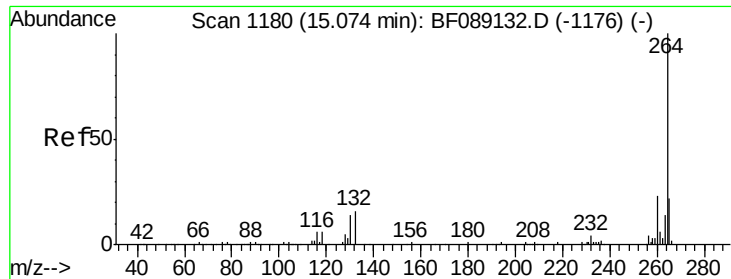


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF089297.D

Acq: 26 Jul 2016 2:18

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

Tot Ion:264 Resp: 84767

Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

265 22.7 17.3 25.9

