

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088693.D
 Acq On : 4 Jul 2016 14:03
 Operator : UM/SJ
 Sample : H3822-09
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C9-B3(0-11)C

Quant Time: Jul 05 01:42:40 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 01:06:52 2016
 Response via : Initial Calibration

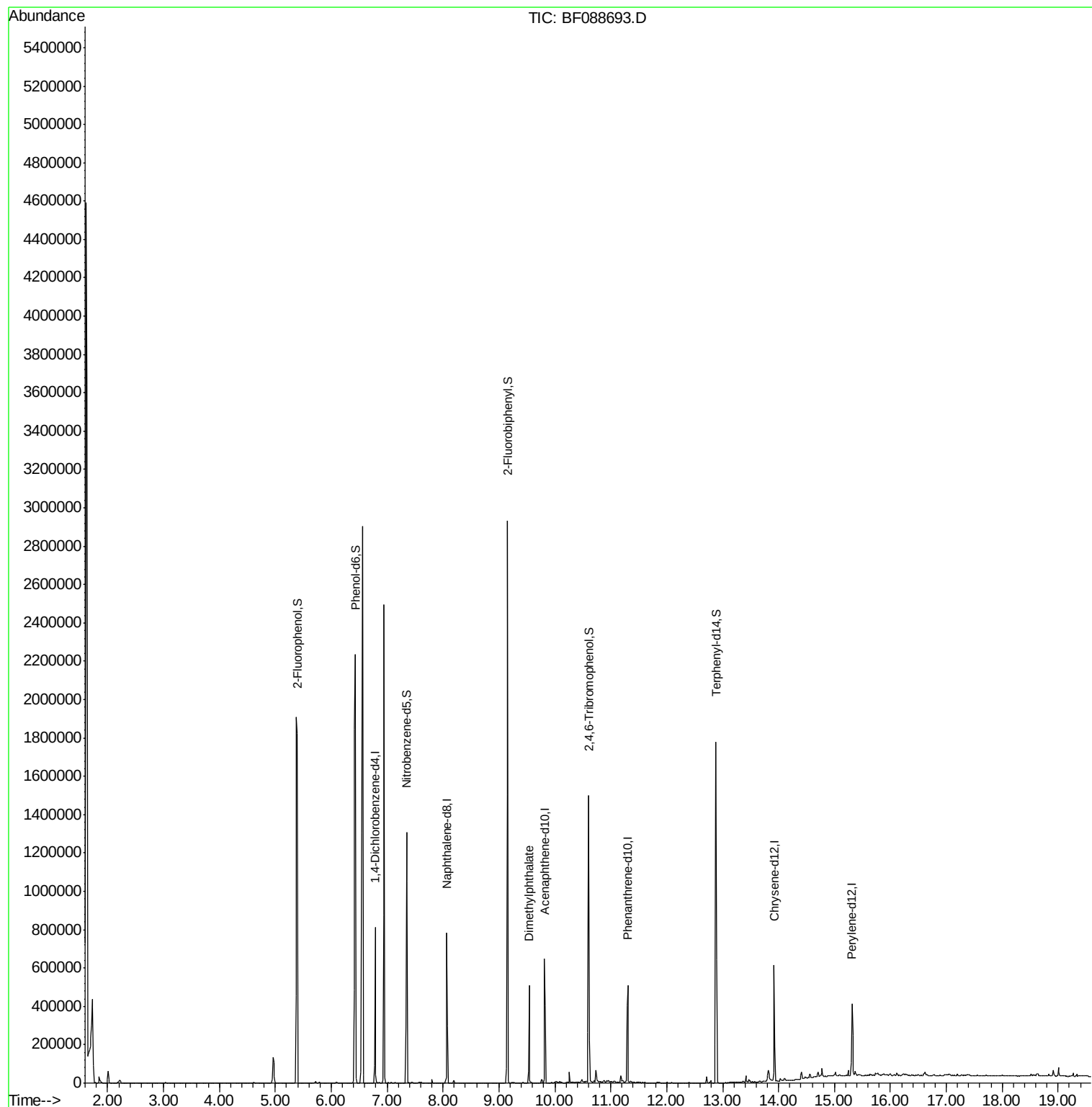
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	106070	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	376215	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	149853	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	249504	20.00	ng	0.01
75) Chrysene-d12	13.92	240	193808	20.00	ng	0.00
86) Perylene-d12	15.31	264	156101	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	861115	121.67	ng	0.02
7) Phenol-d6	6.43	99	1157108	126.53	ng	0.01
23) Nitrobenzene-d5	7.35	82	650830	90.66	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	149701	107.58	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1038684	109.49	ng	0.00
78) Terphenyl-d14	12.88	244	577556	66.38	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.54	163	183832	17.22	ng	Qvalue 99

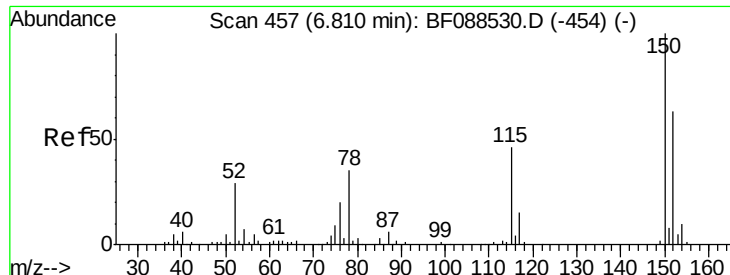
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF088693.D

Acq: 4 Jul 2016 14:03

Instrument :

BNA_F

ClientSampleId :

C9-B3(0-11)C

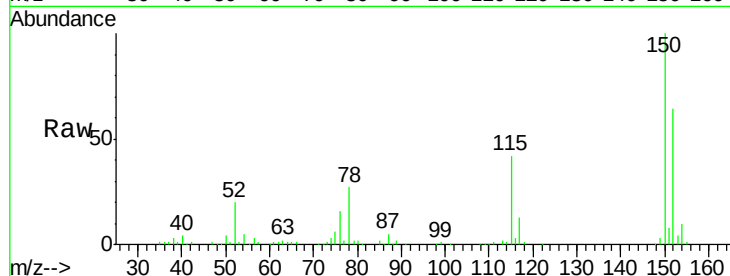
Tot Ion:152 Resp: 106070

Ion Ratio Lower Upper

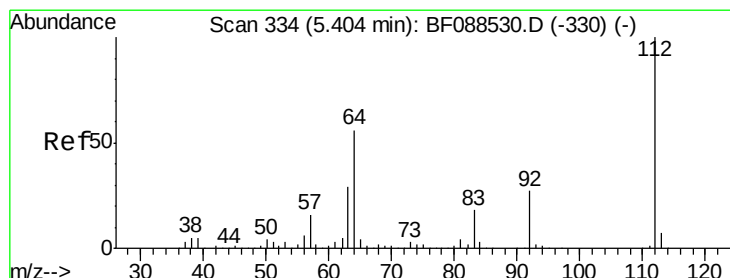
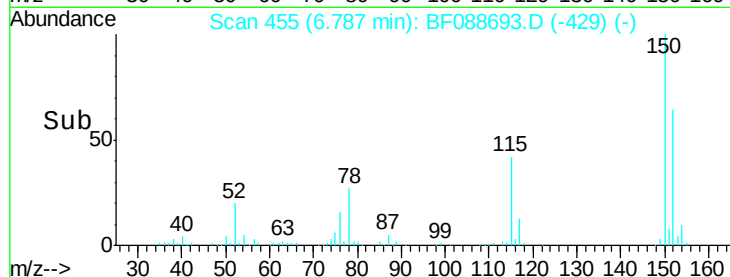
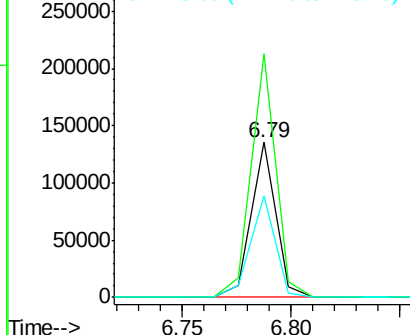
152 100

150 157.2 123.8 185.6

115 65.3 39.6 59.4#



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: 121.67 ng

RT: 5.39 min Scan# 333

Delta R.T. 0.02 min

Lab File: BF088693.D

Acq: 4 Jul 2016 14:03

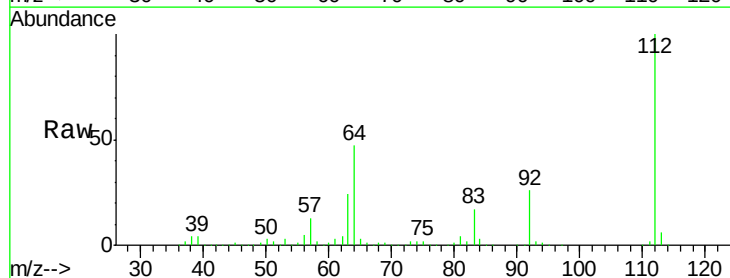
Tgt Ion:112 Resp: 861115

Ion Ratio Lower Upper

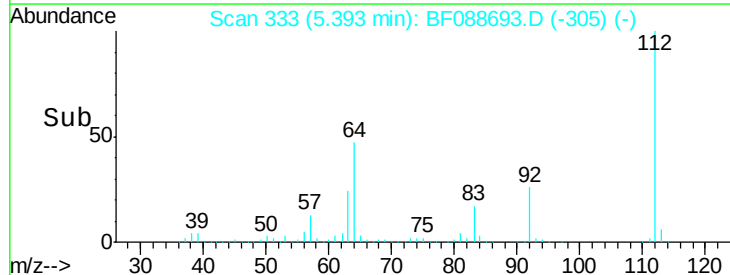
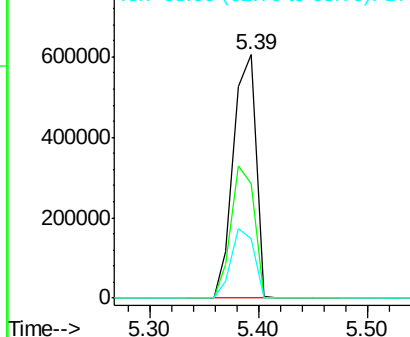
112 100

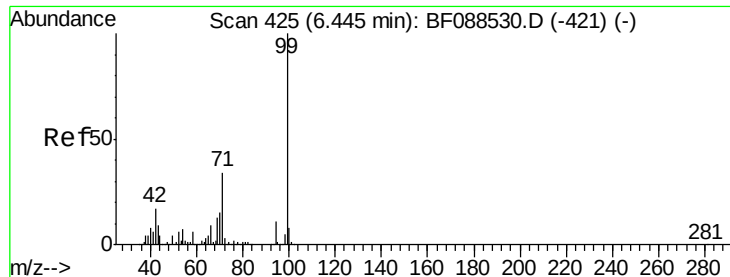
64 47.1 42.2 63.2

63 24.3 21.8 32.8



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: 126.53 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.01 min

Lab File: BF088693.D

Acq: 4 Jul 2016 14:03

Instrument :

BNA_F

ClientSampleId :

C9-B3(0-11)C

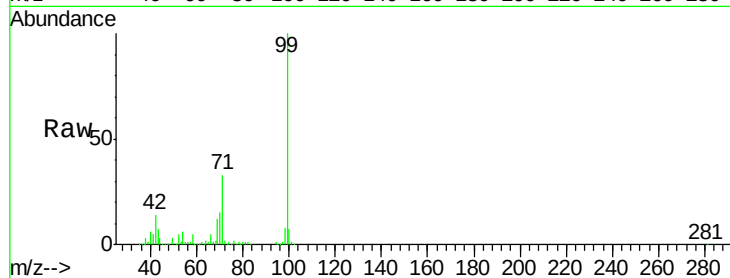
Tot Ion: 99 Resp: 1157108

Ion Ratio Lower Upper

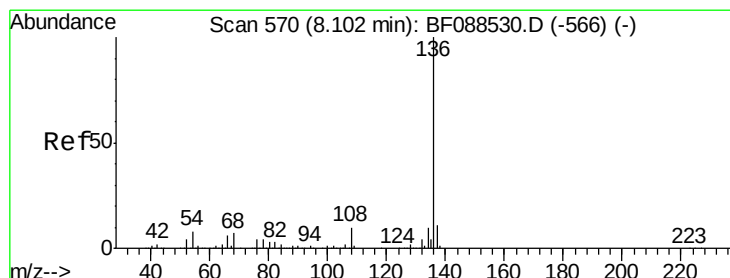
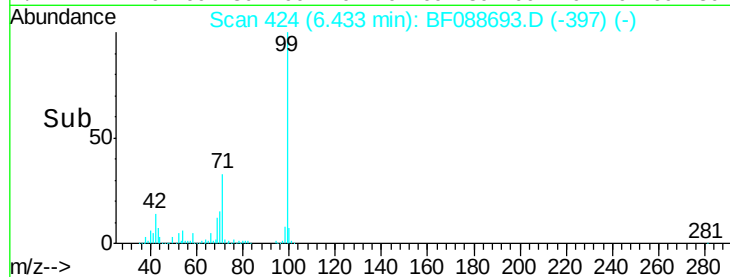
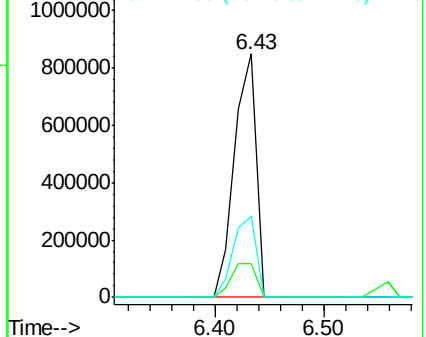
99 100

42 14.0 12.2 18.2

71 33.5 23.4 35.0



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: 8.07 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF088693.D

Acq: 4 Jul 2016 14:03

Tgt Ion: 136 Resp: 376215

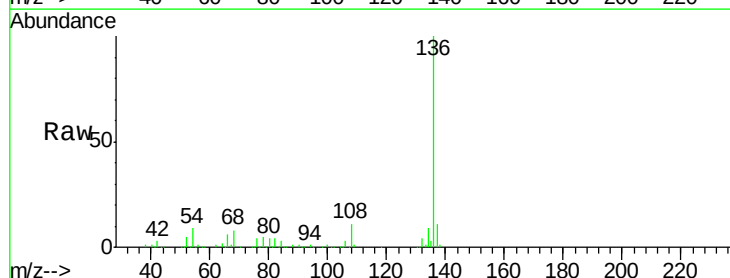
Ion Ratio Lower Upper

136 100

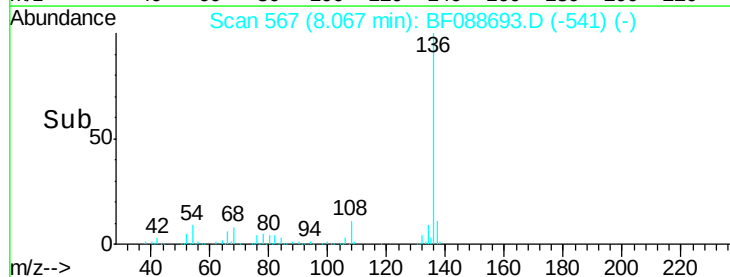
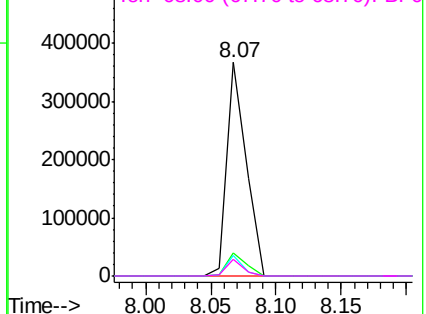
137 11.1 9.1 13.7

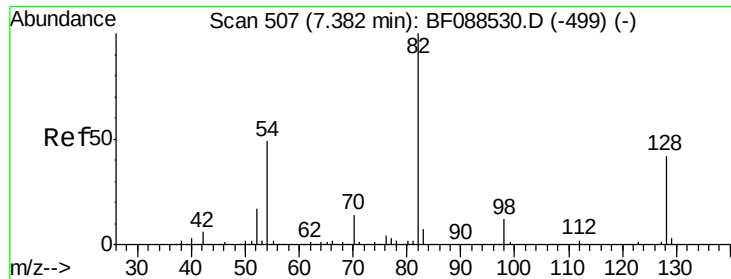
54 9.5 6.6 10.0

68 7.8 5.1 7.7#



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

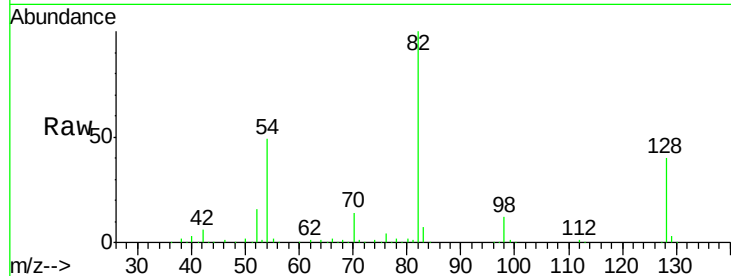




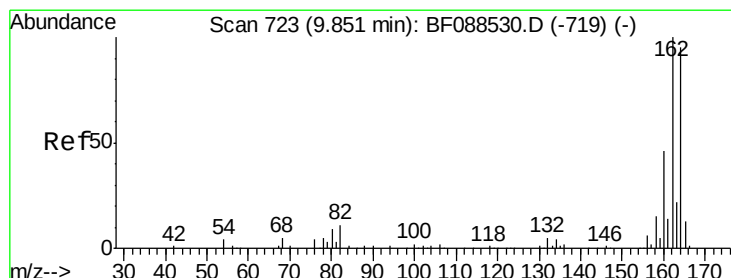
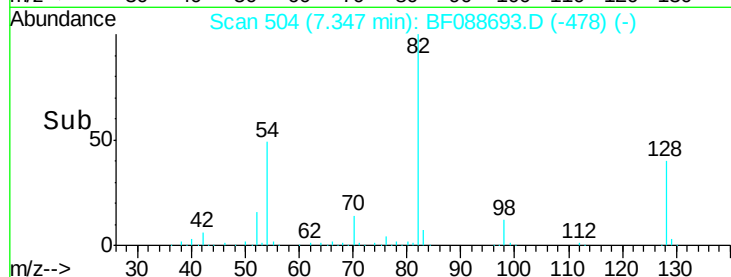
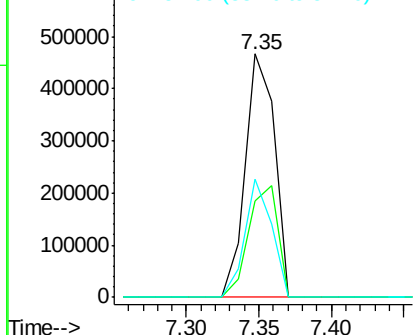
#23
 Nitrobenzene-d5
 Concen: 90.66 ng
 RT: 7.35 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF088693.D
 Acq: 4 Jul 2016 14:03

Instrument :
 BNA_F
 ClientSampleId :
 C9-B3(0-11)C

Tot Ion: 82 Resp: 650830
 Ion Ratio Lower Upper
 82 100
 128 39.9 35.9 53.9
 54 48.6 40.9 61.3

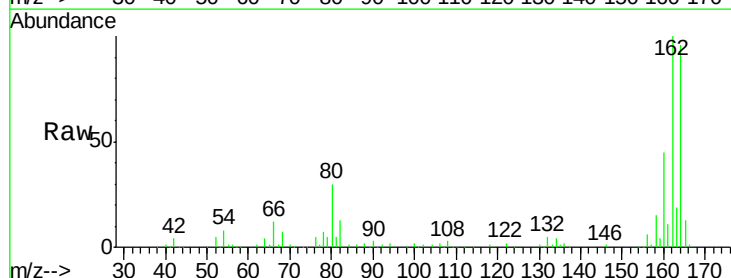


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

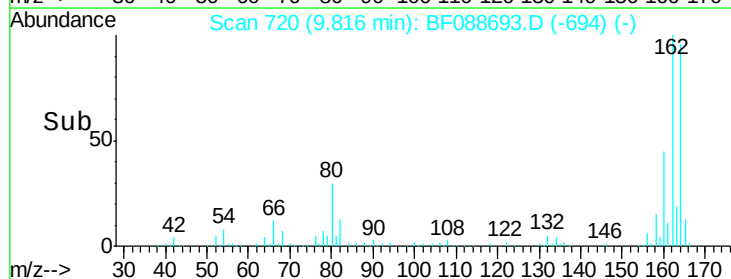
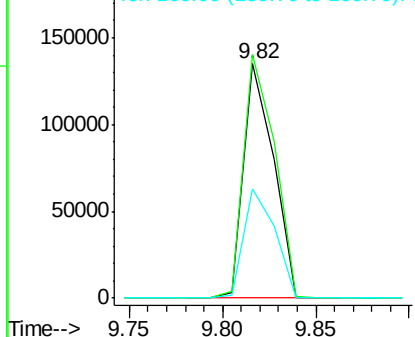


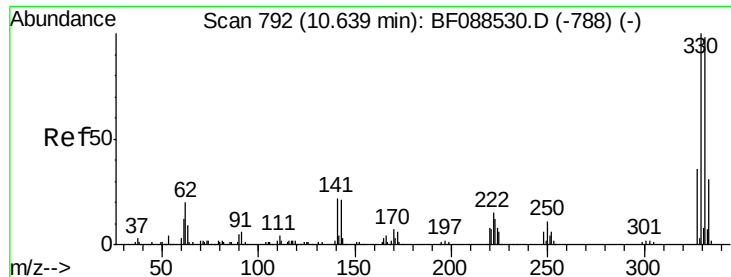
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF088693.D
 Acq: 4 Jul 2016 14:03

Tgt Ion: 164 Resp: 149853
 Ion Ratio Lower Upper
 164 100
 162 103.9 85.4 128.2
 160 46.9 39.5 59.3



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

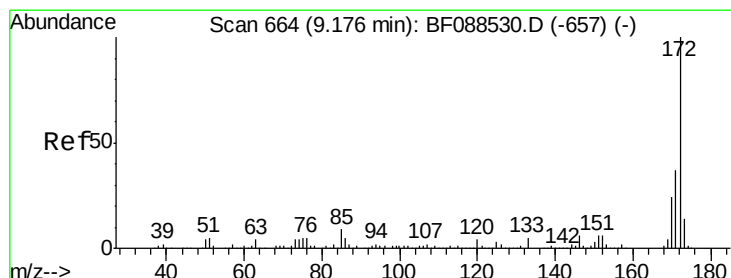
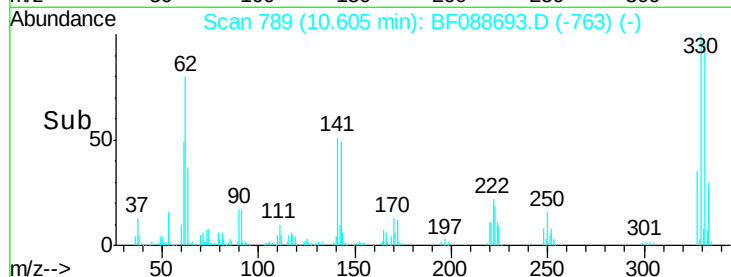
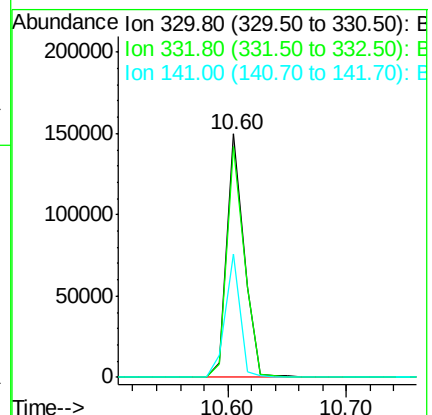
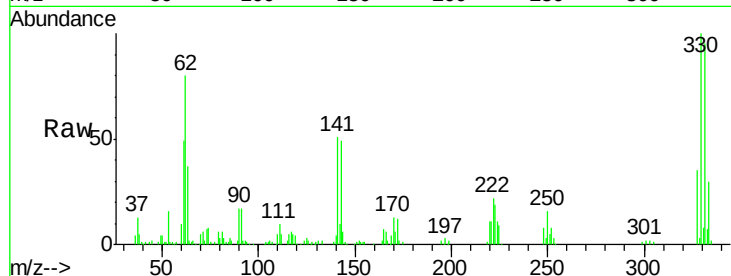




#41
 2,4,6-Tribromophenol
 Concen: 107.58 ng
 RT: 10.60 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF088693.D
 Acq: 4 Jul 2016 14:03

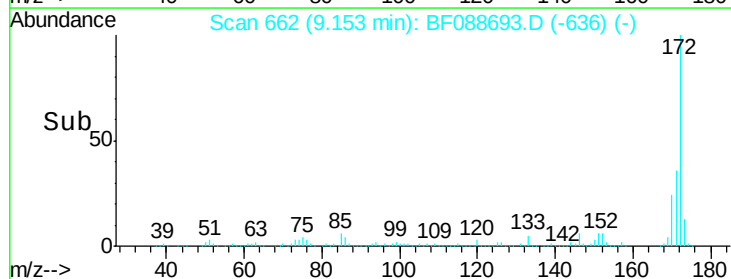
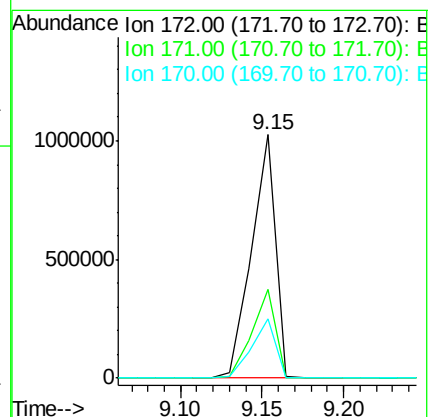
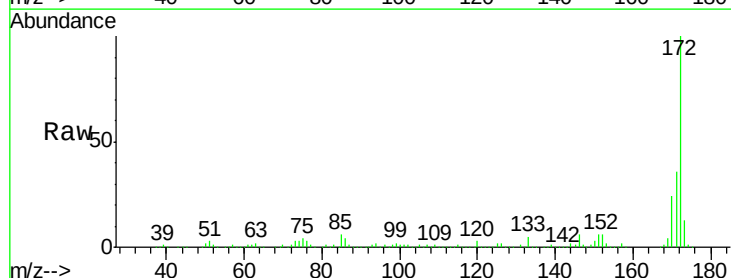
Instrument :
 BNA_F
 ClientSampleId :
 C9-B3(0-11)C

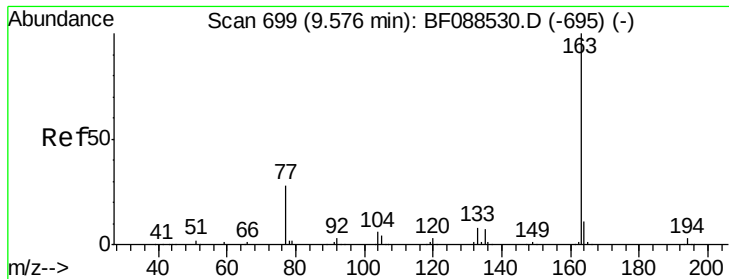
Tot Ion:330 Resp: 149701
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 43.1 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 109.49 ng
 RT: 9.15 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF088693.D
 Acq: 4 Jul 2016 14:03

Tgt Ion:172 Resp: 1038684
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.2 19.2 28.8

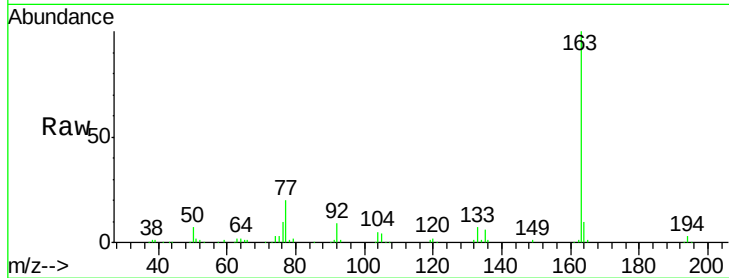




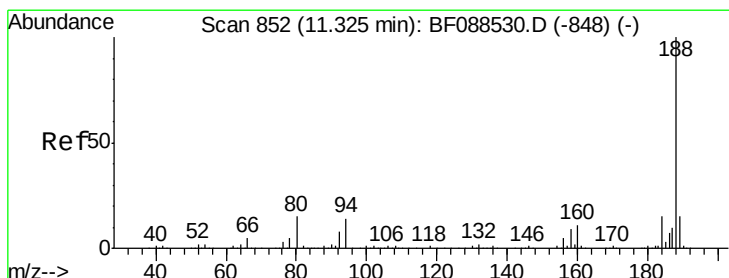
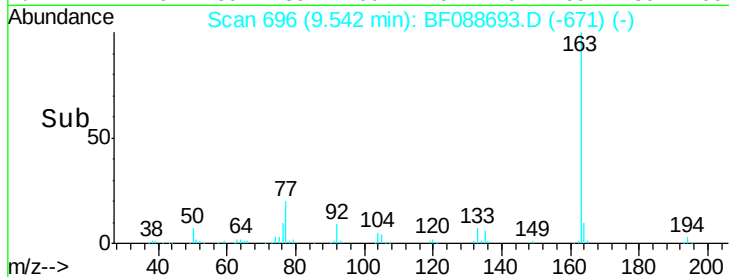
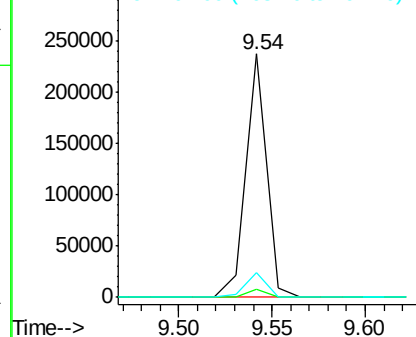
#49
Dimethylphthalate
Concen: 17.22 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF088693.D
Acq: 4 Jul 2016 14:03

Instrument :
BNA_F
ClientSampleId :
C9-B3(0-11)C

Tot Ion:163 Resp: 183832
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.9 8.3 12.5

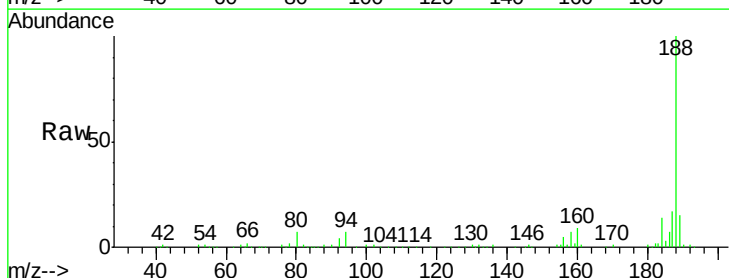


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

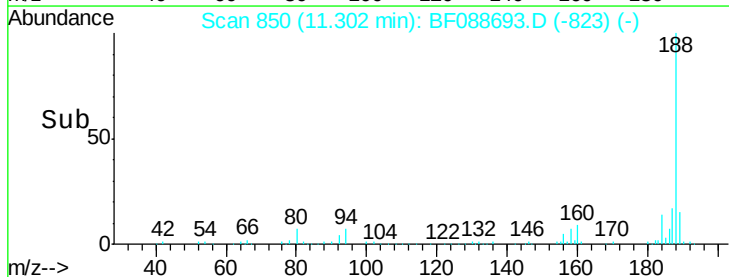
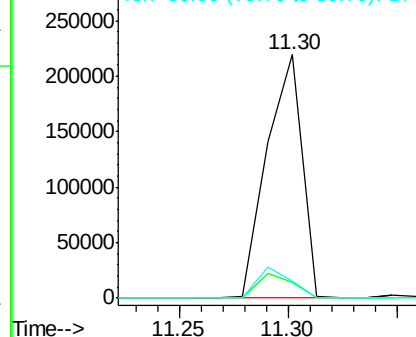


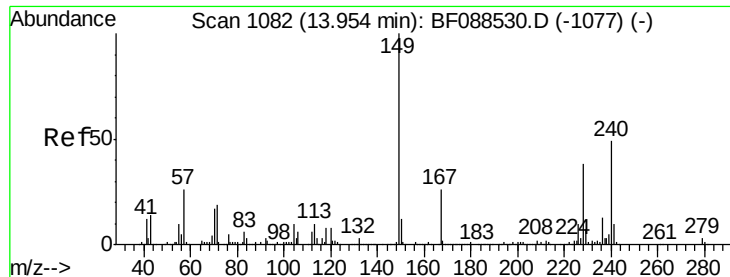
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF088693.D
Acq: 4 Jul 2016 14:03

Tgt Ion:188 Resp: 249504
Ion Ratio Lower Upper
188 100
94 6.7 9.0 13.6#
80 6.9 10.0 15.0#



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: 13.92 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BF088693.D

Acq: 4 Jul 2016 14:03

Instrument :

BNA_F

ClientSampleId :

C9-B3(0-11)C

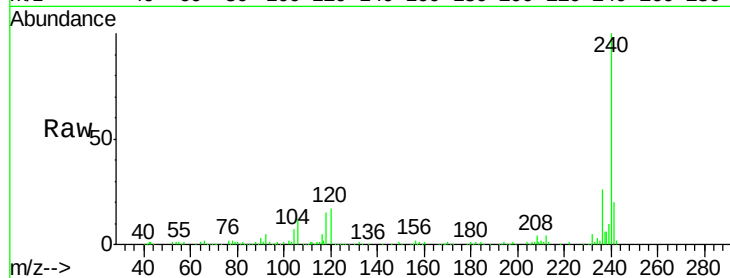
Tot Ion:240 Resp: 193808

Ion Ratio Lower Upper

240 100

120 16.6 6.8 10.2#

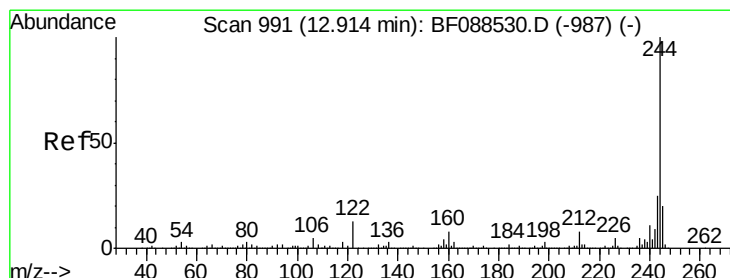
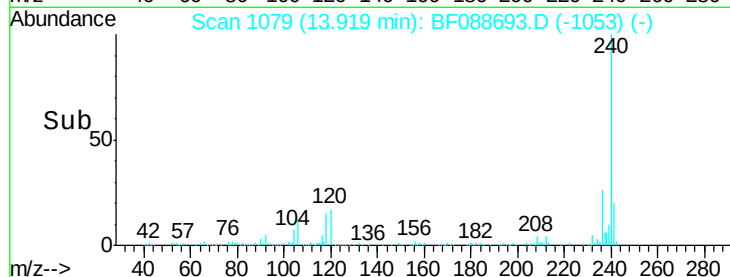
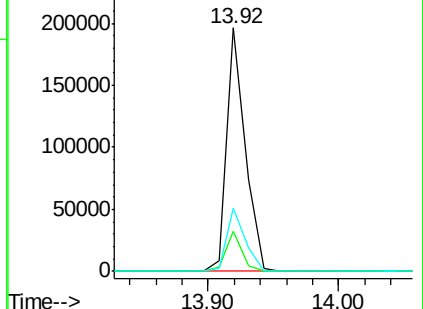
236 26.1 20.2 30.2



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: 66.38 ng

RT: 12.88 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF088693.D

Acq: 4 Jul 2016 14:03

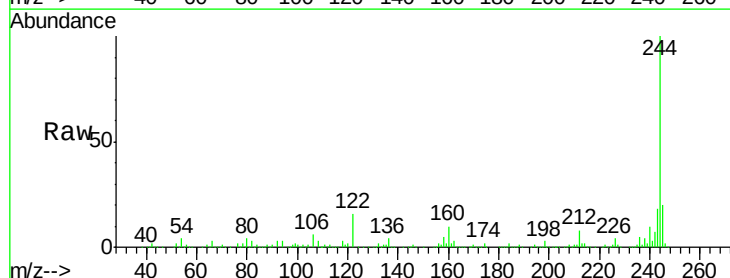
Tgt Ion:244 Resp: 577556

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

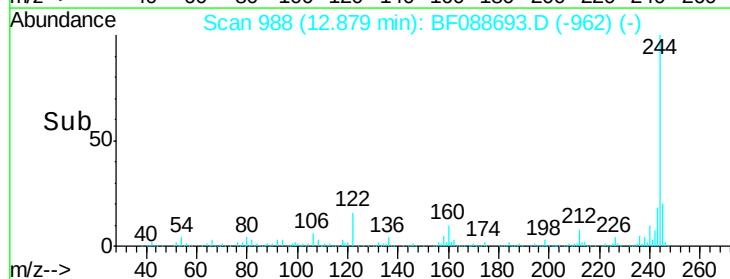
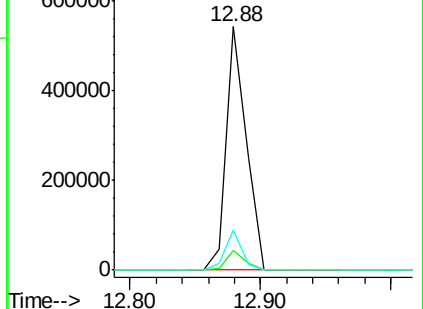
122 16.4 11.2 16.8

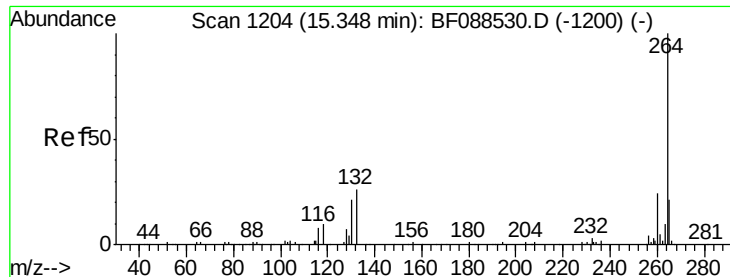


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



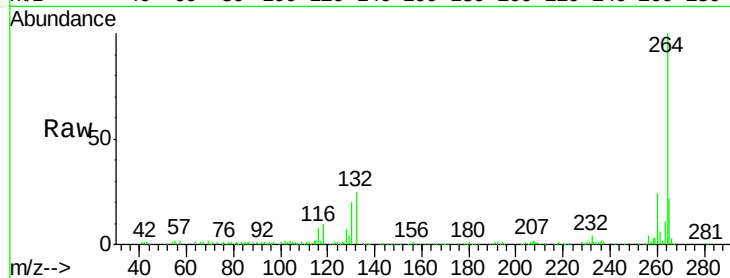


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF088693.D
Acq: 4 Jul 2016 14:03

Instrument :
BNA_F
ClientSampleId :
C9-B3(0-11)C

Tot Ion:264 Resp: 156101

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	16.9	25.3



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

