

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
 Data File : BF088700.D
 Acq On : 5 Jul 2016 13:48
 Operator : UM/SJ
 Sample : H3790-06RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BAG-19RE

Quant Time: Jul 05 17:36:33 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 17:15:08 2016
 Response via : Initial Calibration

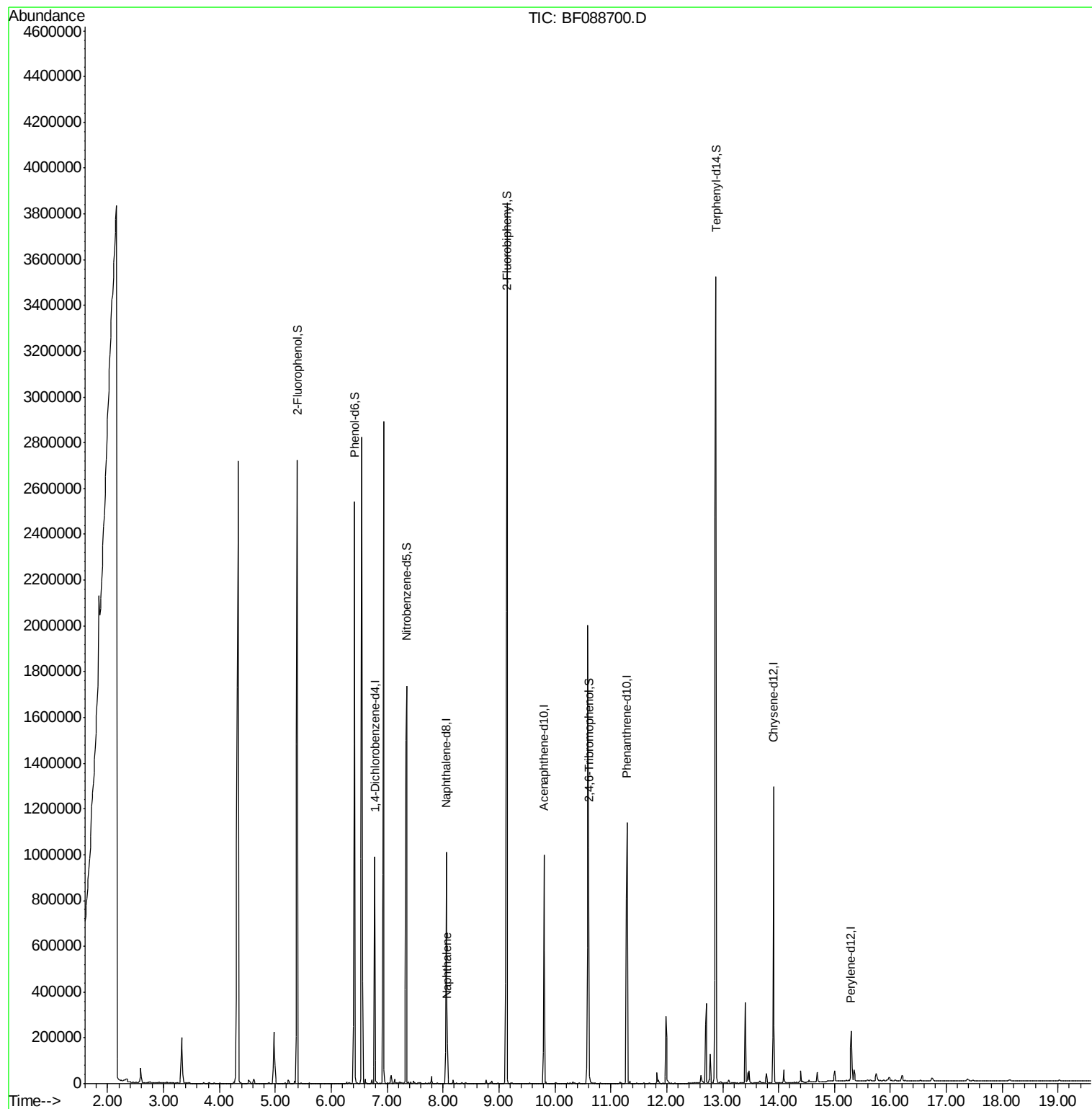
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	130756	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	516428	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	226147	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	536862	20.00	ng	0.00
75) Chrysene-d12	13.91	240	394841	20.00	ng	-0.01
86) Perylene-d12	15.29	264	40138	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	854170	97.90	ng	0.02
7) Phenol-d6	6.42	99	1035702	91.87	ng	0.01
23) Nitrobenzene-d5	7.35	82	893320	90.65	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	345882	164.70	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1408536	98.38	ng	0.00
78) Terphenyl-d14	12.88	244	1408766	79.47	ng	0.01
Target Compounds						
31) Naphthalene	8.08	128	73618	2.89	ng	Qvalue 98

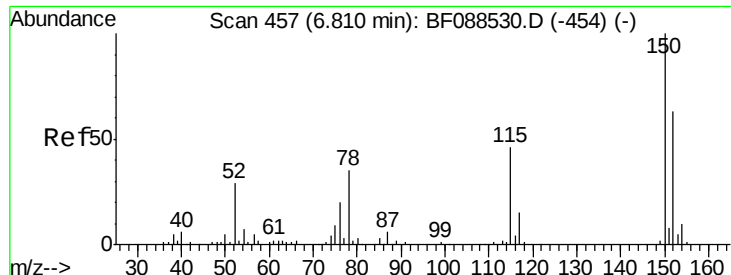
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF088700.D

Acq: 5 Jul 2016 13:48

Instrument :

BNA_F

ClientSampleId :

BAG-19RE

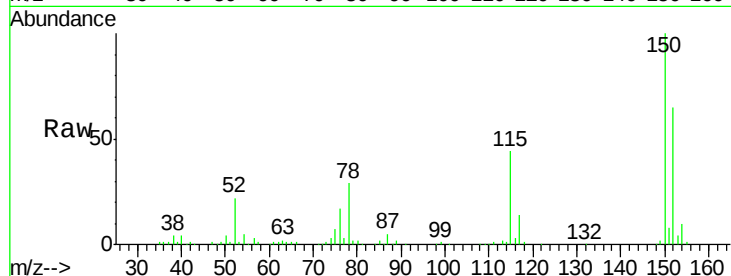
Tot Ion:152 Resp: 130756

Ion Ratio Lower Upper

152 100

150 154.8 123.8 185.6

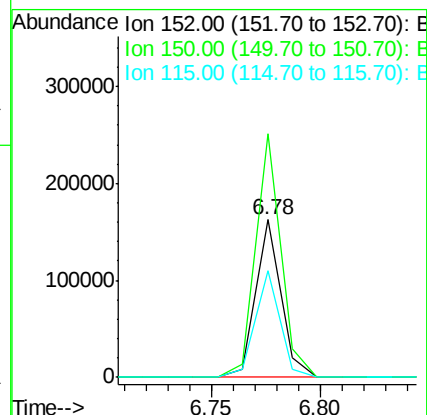
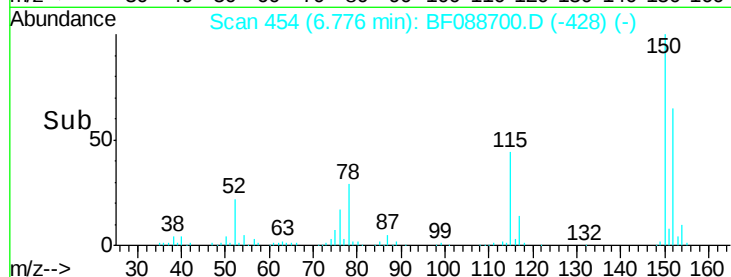
115 67.8 39.6 59.4#



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: 97.90 ng

RT: 5.39 min Scan# 333

Delta R.T. 0.02 min

Lab File: BF088700.D

Acq: 5 Jul 2016 13:48

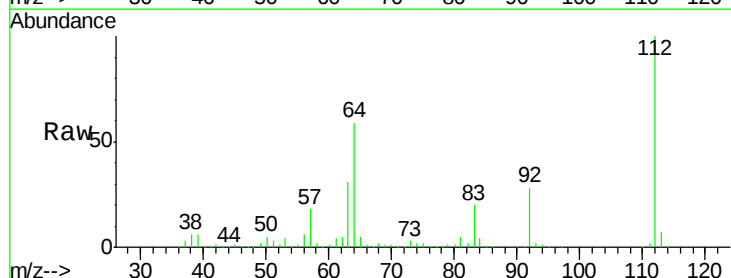
Tgt Ion:112 Resp: 854170

Ion Ratio Lower Upper

112 100

64 59.3 42.2 63.2

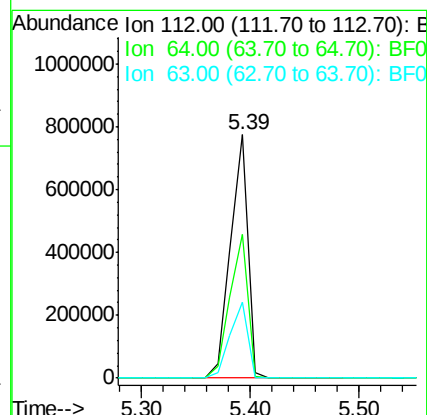
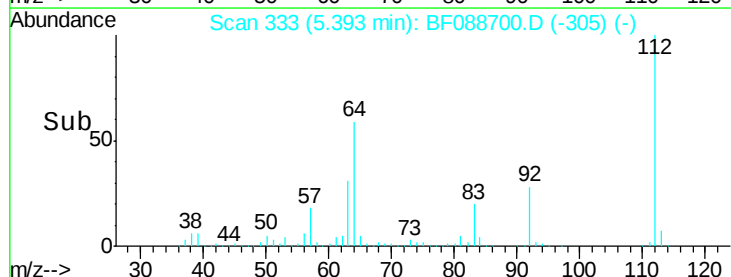
63 31.2 21.8 32.8

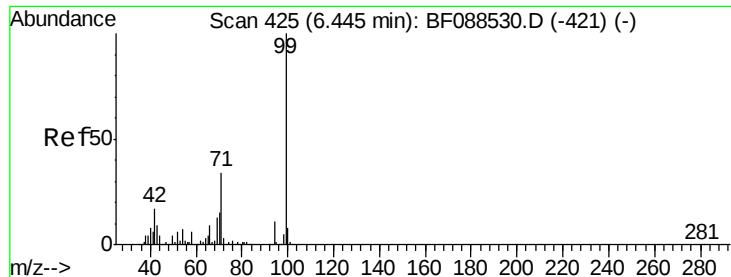


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 91.87 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.01 min

Lab File: BF088700.D

Acq: 5 Jul 2016 13:48

Instrument :

BNA_F

ClientSampleId :

BAG-19RE

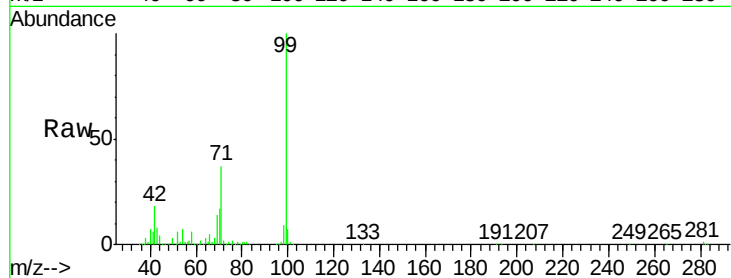
Tot Ion: 99 Resp: 1035702

Ion Ratio Lower Upper

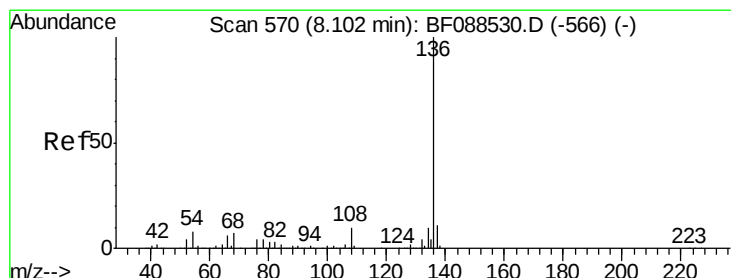
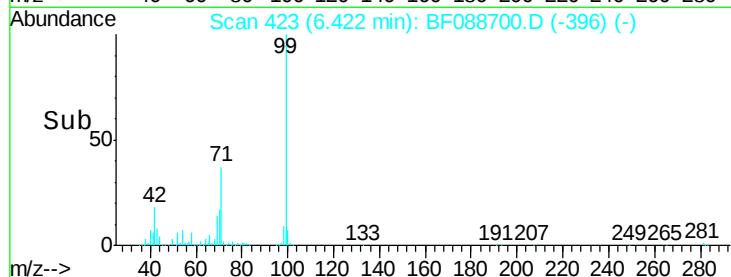
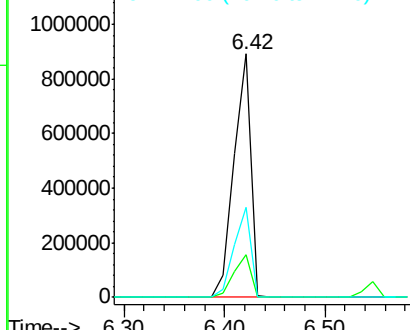
99 100

42 17.5 12.2 18.2

71 36.7 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: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF088700.D

Acq: 5 Jul 2016 13:48

Tgt Ion: 136 Resp: 516428

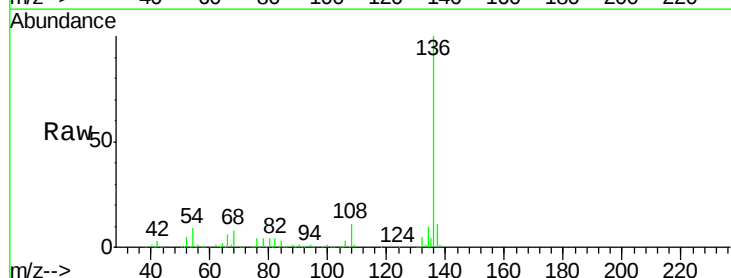
Ion Ratio Lower Upper

136 100

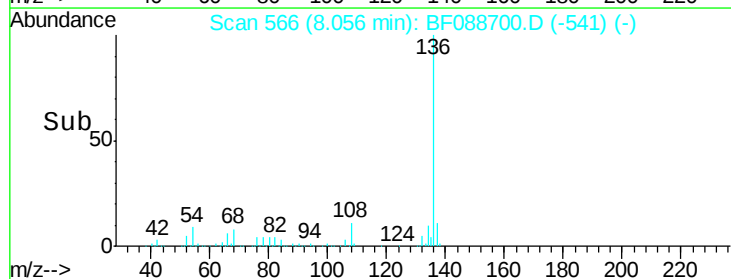
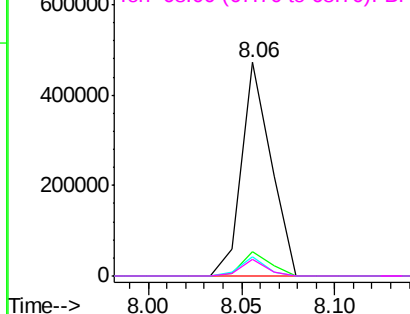
137 11.2 9.1 13.7

54 8.9 6.6 10.0

68 7.6 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

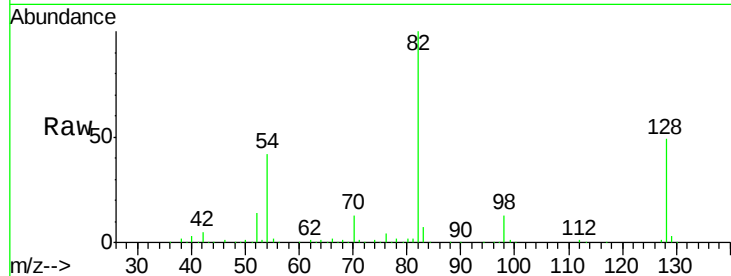




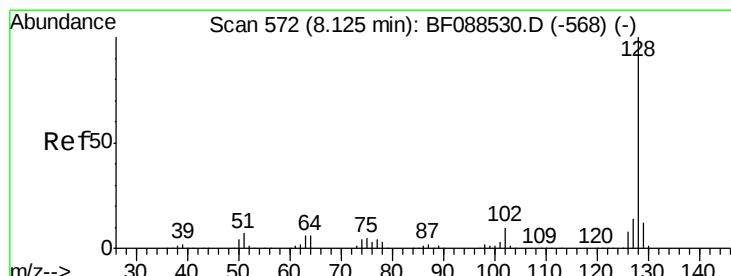
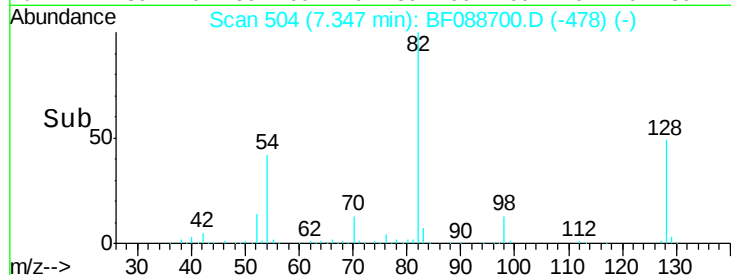
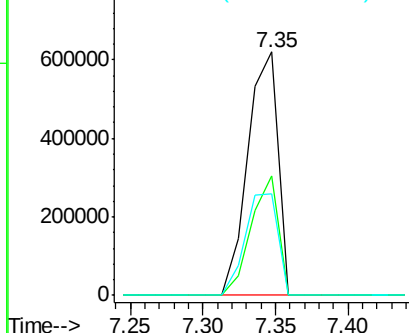
#23
 Nitrobenzene-d5
 Concen: 90.65 ng
 RT: 7.35 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF088700.D
 Acq: 5 Jul 2016 13:48

Instrument :
 BNA_F
 ClientSampleId :
 BAG-19RE

Tot Ion: 82 Resp: 893320
 Ion Ratio Lower Upper
 82 100
 128 49.0 35.9 53.9
 54 41.9 40.9 61.3

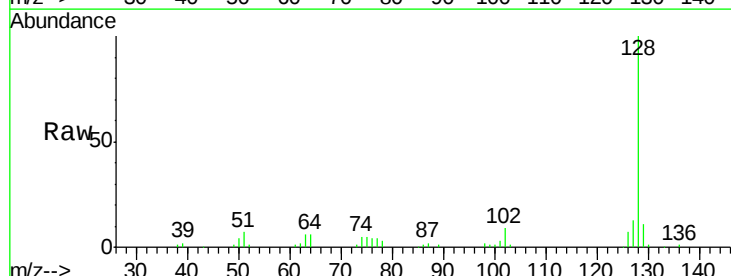


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

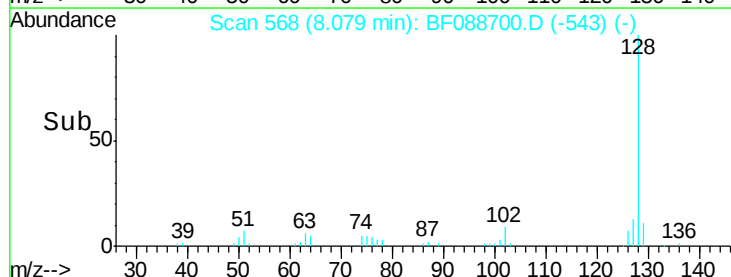
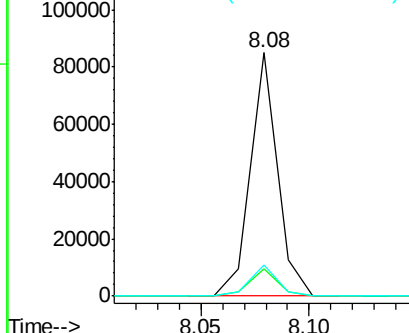


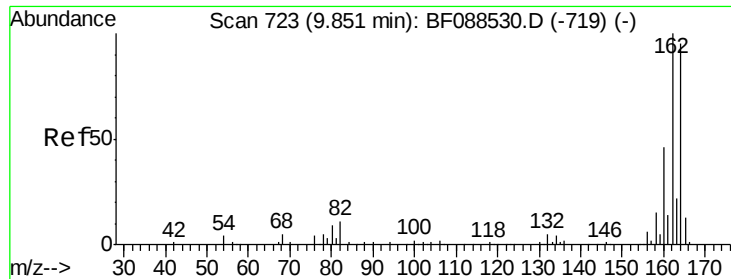
#31
 Naphthalene
 Concen: 2.89 ng
 RT: 8.08 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF088700.D
 Acq: 5 Jul 2016 13:48

Tgt Ion: 128 Resp: 73618
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.4 14.2
 127 12.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

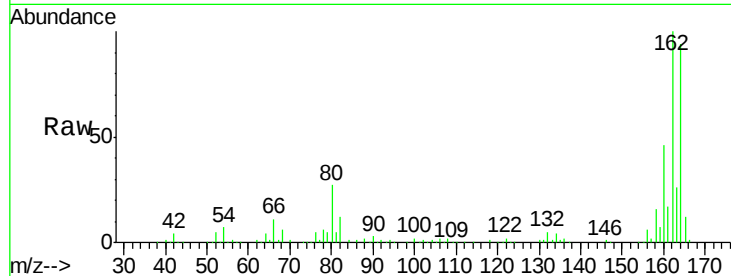




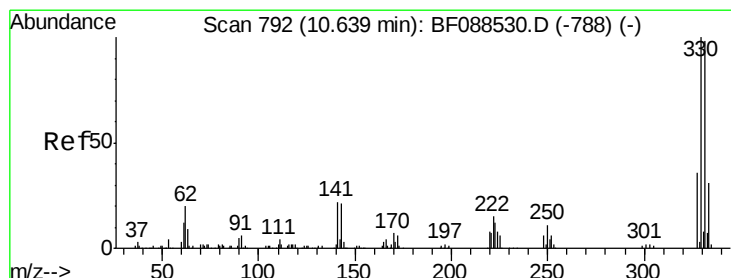
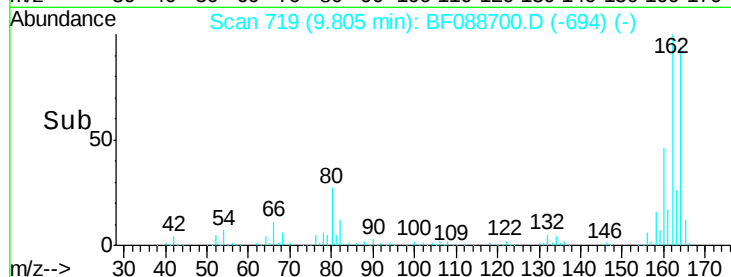
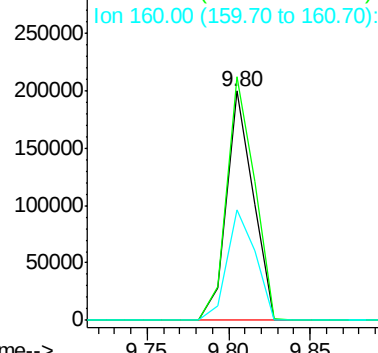
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF088700.D
Acq: 5 Jul 2016 13:48

Instrument :
BNA_F
ClientSampleId :
BAG-19RE

Tot Ion:164 Resp: 226147
Ion Ratio Lower Upper
164 100
162 106.3 85.4 128.2
160 48.4 39.5 59.3

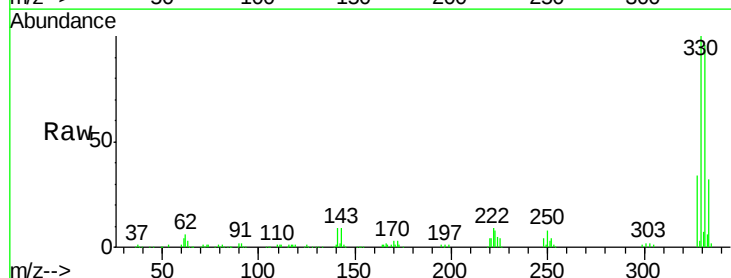


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

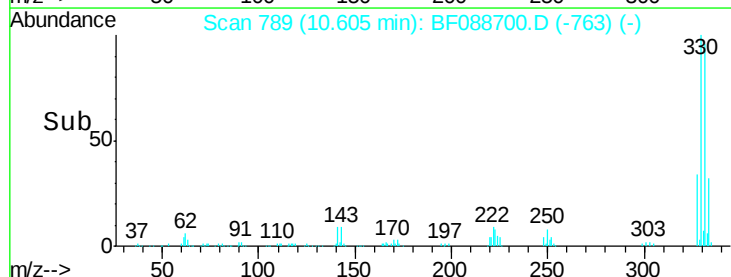
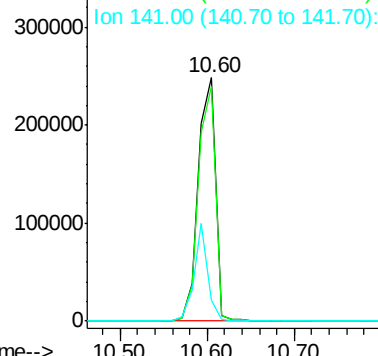


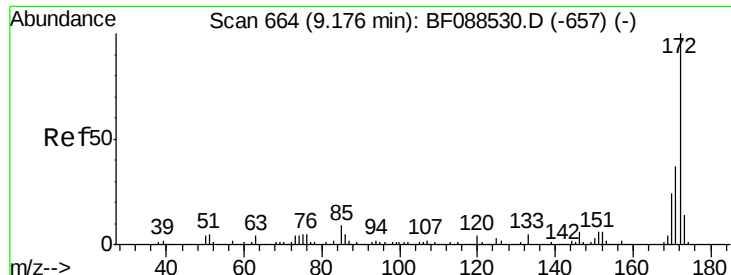
#41
2,4,6-Tribromophenol
Concen: 164.70 ng
RT: 10.60 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF088700.D
Acq: 5 Jul 2016 13:48

Tgt Ion:330 Resp: 345882
Ion Ratio Lower Upper
330 100
332 95.9 0.0 0.0#
141 31.9 0.0 0.0#



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



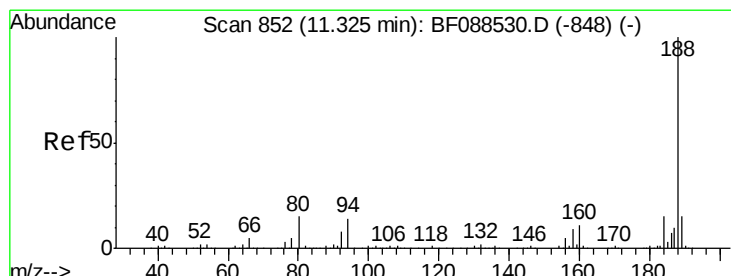
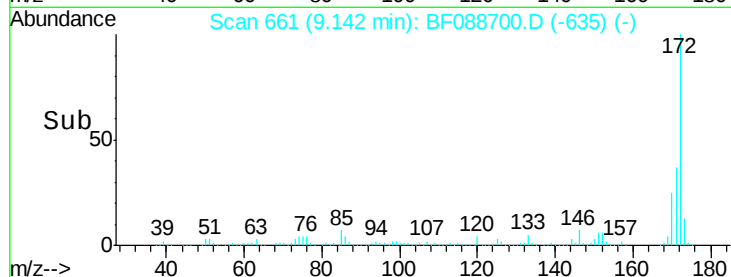
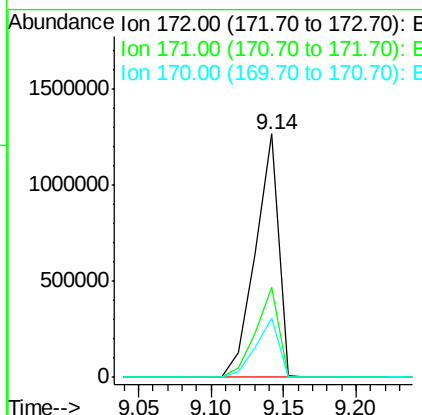
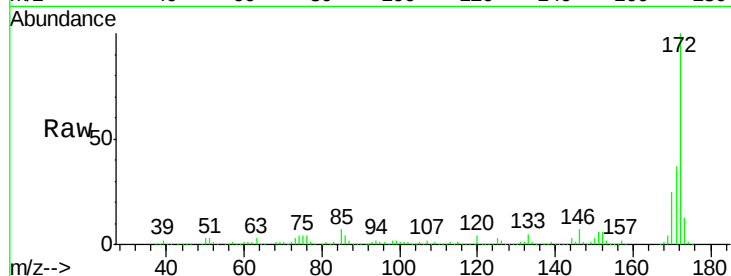


#44
 2-Fluorobiphenyl
 Concen: 98.38 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF088700.D
 Acq: 5 Jul 2016 13:48

Instrument :
 BNA_F
 ClientSampleId :
 BAG-19RE

Tot Ion:172 Resp: 1408536

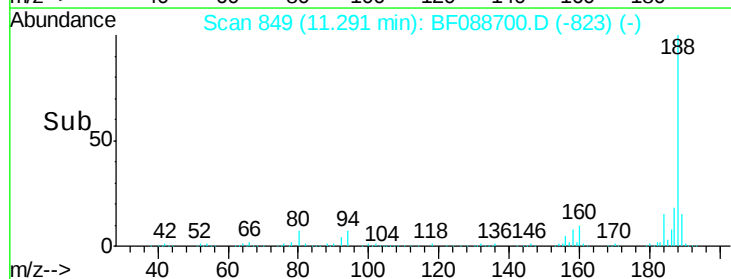
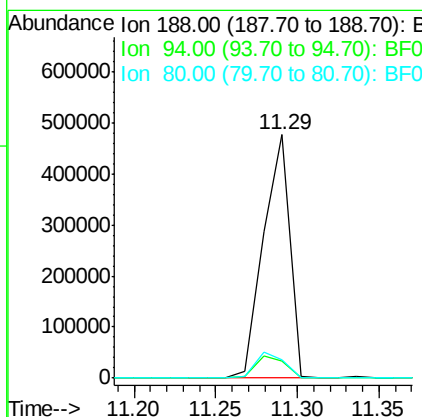
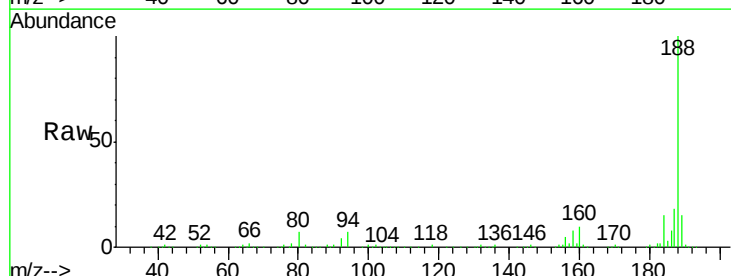
Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.6	43.0
170	24.6	19.2	28.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF088700.D
 Acq: 5 Jul 2016 13:48

Tgt Ion:188 Resp: 536862

Ion	Ratio	Lower	Upper
188	100		
94	7.0	9.0	13.6#
80	7.4	10.0	15.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BF088700.D

Acq: 5 Jul 2016 13:48

Instrument :

BNA_F

ClientSampleId :

BAG-19RE

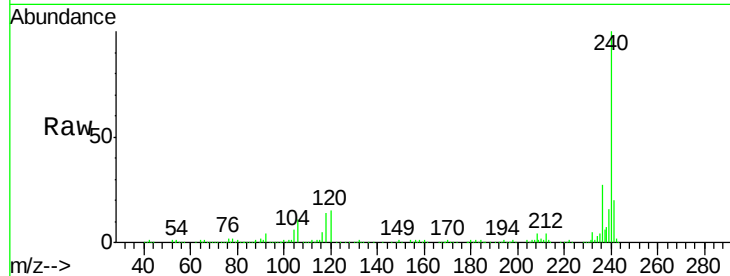
Tot Ion:240 Resp: 394841

Ion Ratio Lower Upper

240 100

120 15.2 6.8 10.2#

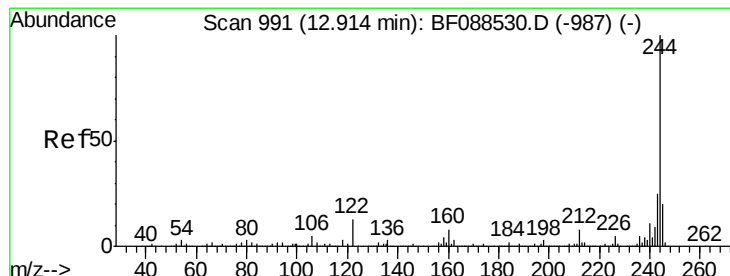
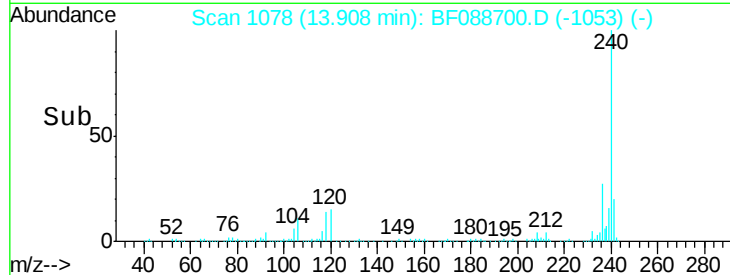
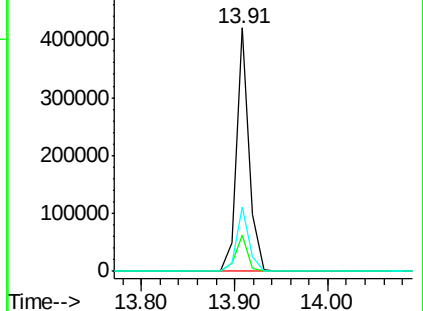
236 26.7 20.2 30.2



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: 79.47 ng

RT: 12.88 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF088700.D

Acq: 5 Jul 2016 13:48

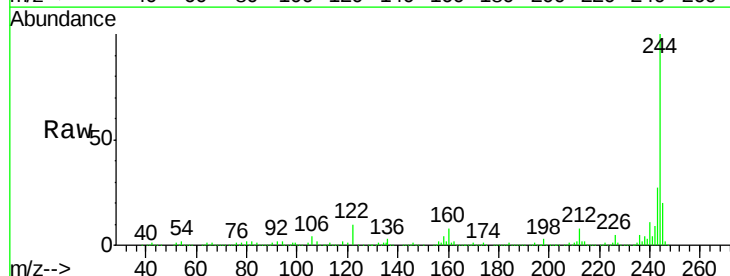
Tgt Ion:244 Resp: 1408766

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

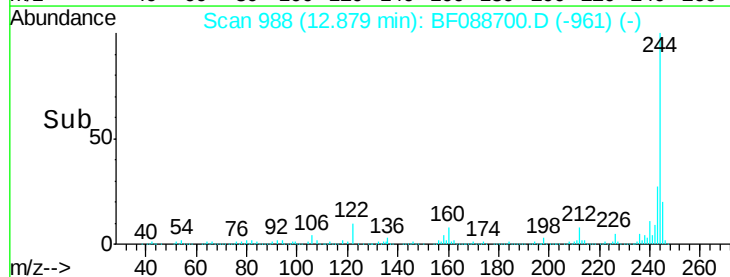
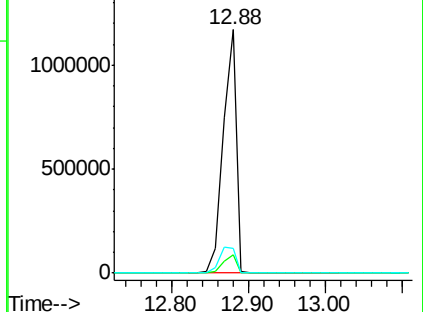
122 10.3 11.2 16.8#

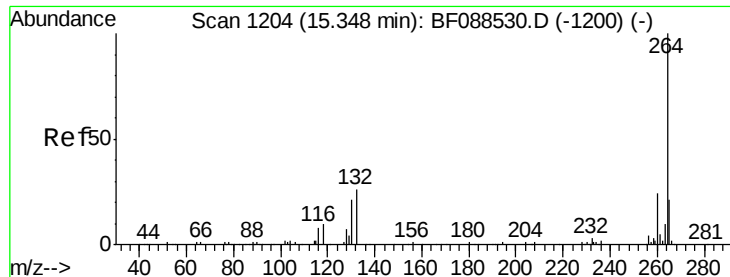


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

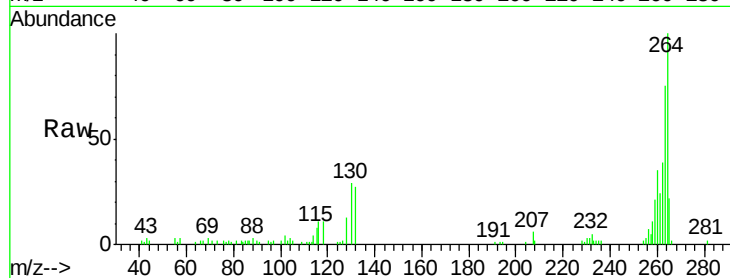




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF088700.D
Acq: 5 Jul 2016 13:48

Instrument :
BNA_F
ClientSampleId :
BAG-19RE

Tot Ion: 264 Resp: 40138
Ion Ratio Lower Upper
264 100
260 34.9 19.2 28.8#
265 21.5 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

