

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
 Data File : BF082700.D
 Acq On : 4 Nov 2015 14:50
 Operator : UM/IZ
 Sample : G4240-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(18-20)

Quant Time: Nov 05 01:52:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

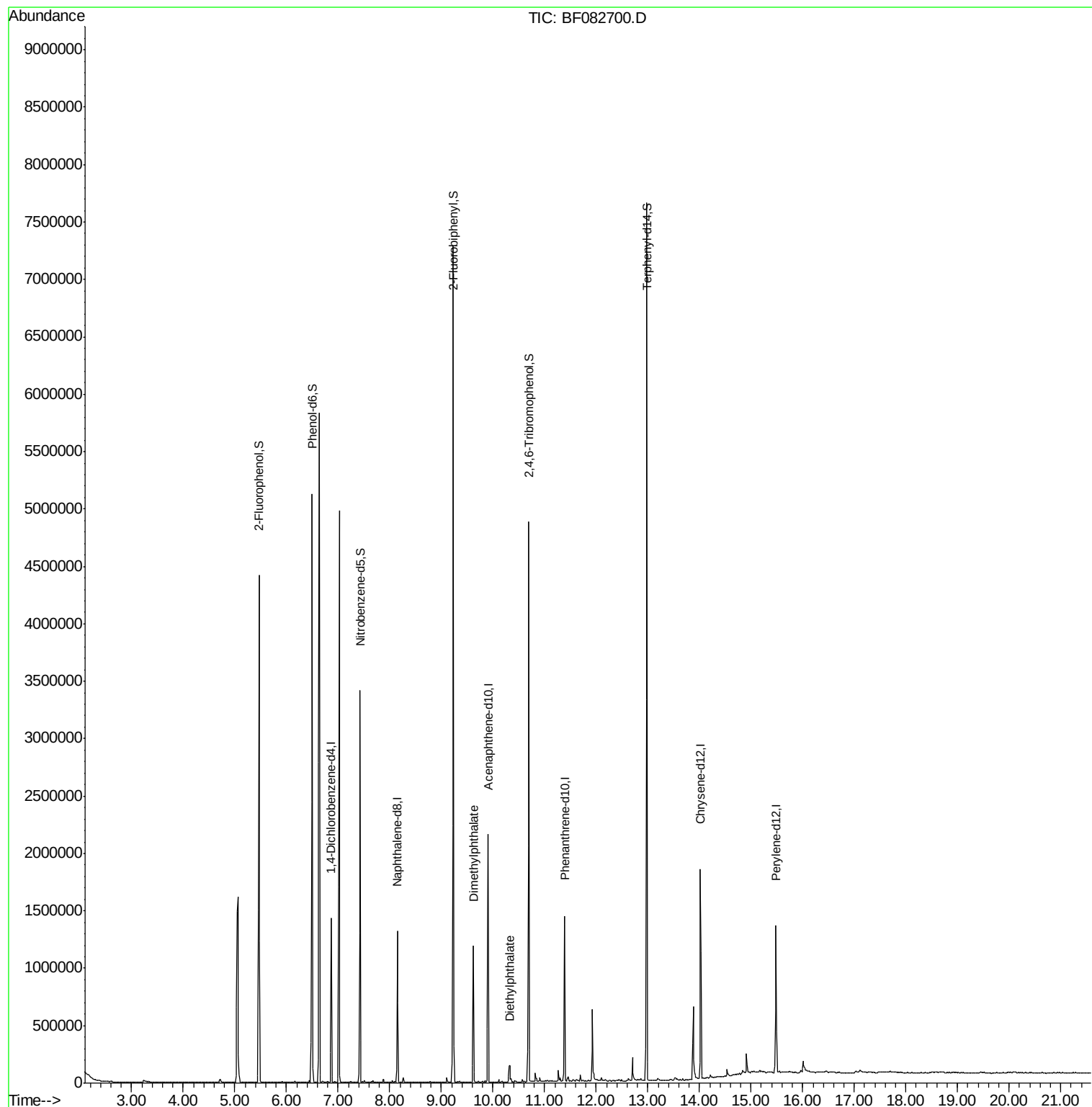
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	191158	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	686483	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	412137	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	791462	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	737487	20.00	ng	-0.03
86) Perylene-d12	15.48	264	603711	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1330475	104.83	ng	0.00
7) Phenol-d6	6.50	99	1789701	106.14	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1222900	72.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	551121	122.19	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	2110463	72.71	ng	-0.02
78) Terphenyl-d14	12.98	244	2434680	72.25	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.62	163	412660	12.26	ng	99
59) Diethylphthalate	10.33	149	92966	2.71	ng	100

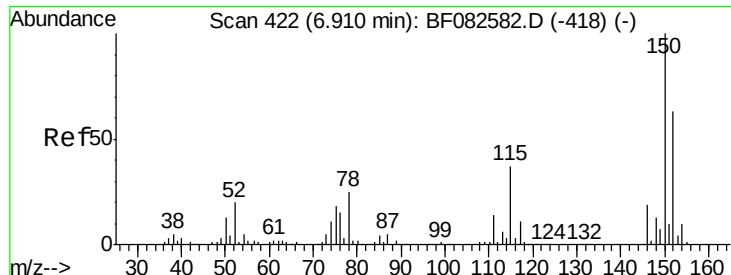
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082700.D

Acq: 4 Nov 2015 14:50

Instrument :

BNA_F

ClientSampleId :

SB-06(18-20)

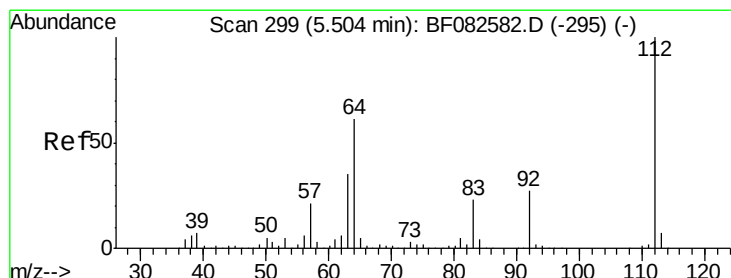
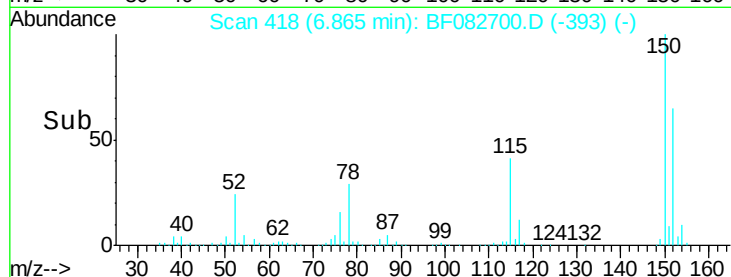
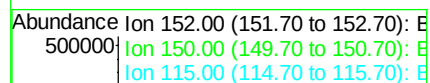
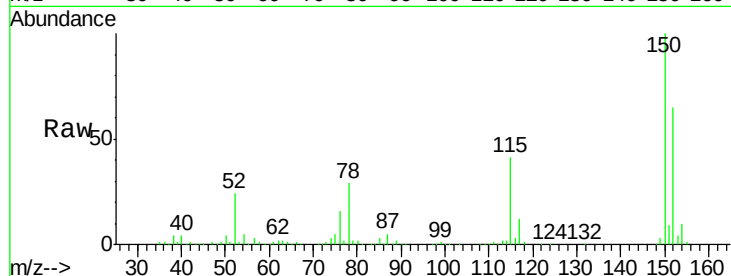
Tot Ion:152 Resp: 191158

Ion Ratio Lower Upper

152 100

150 153.8 127.0 190.4

115 63.5 47.0 70.6



#5

2-Fluorophenol

Concen: 104.83 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF082700.D

Acq: 4 Nov 2015 14:50

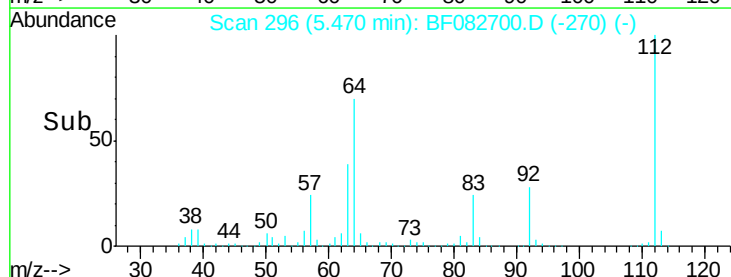
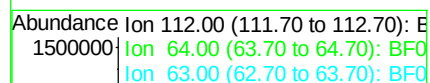
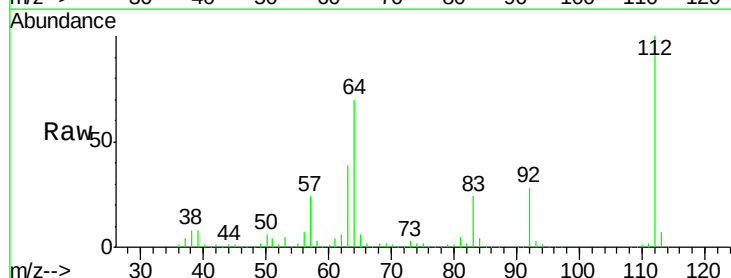
Tgt Ion:112 Resp: 1330475

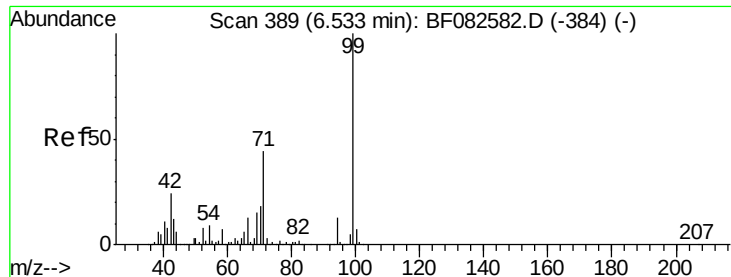
Ion Ratio Lower Upper

112 100

64 70.1 48.9 73.3

63 38.5 28.1 42.1





#7

Phenol-d6

Concen: 106.14 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082700.D

Acq: 4 Nov 2015 14:50

Instrument :

BNA_F

ClientSampleId :

SB-06(18-20)

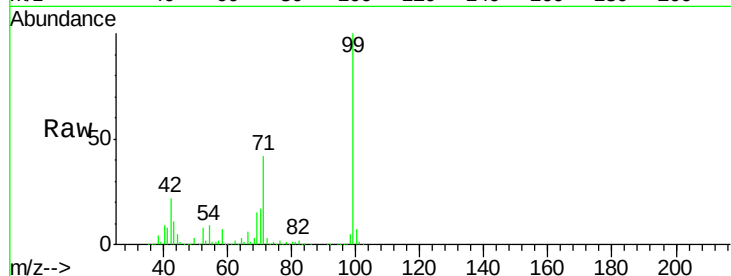
Tot Ion: 99 Resp: 1789701

Ion Ratio Lower Upper

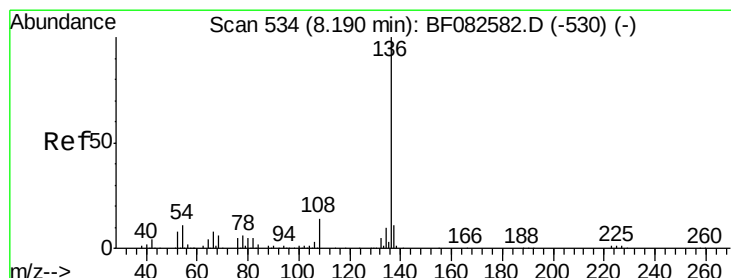
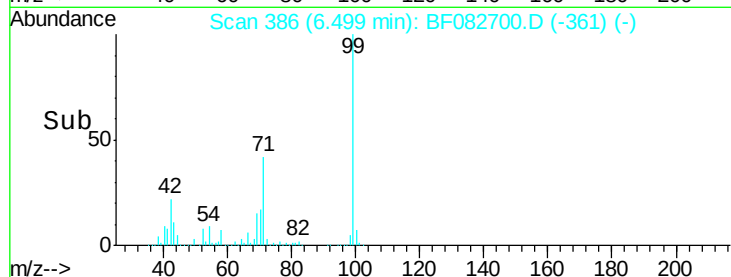
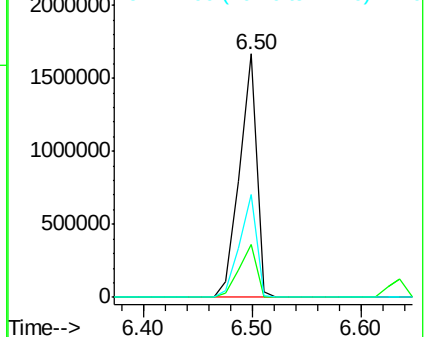
99 100

42 21.9 19.2 28.8

71 42.4 35.0 52.4



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: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF082700.D

Acq: 4 Nov 2015 14:50

Tgt Ion: 136 Resp: 686483

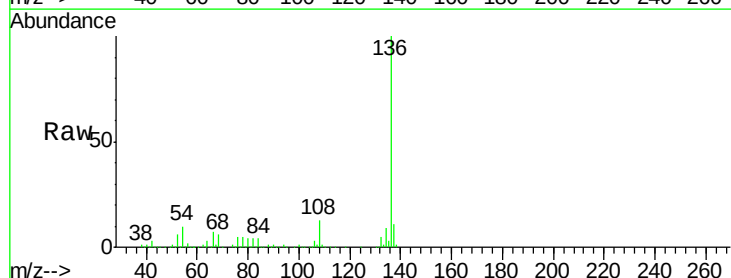
Ion Ratio Lower Upper

136 100

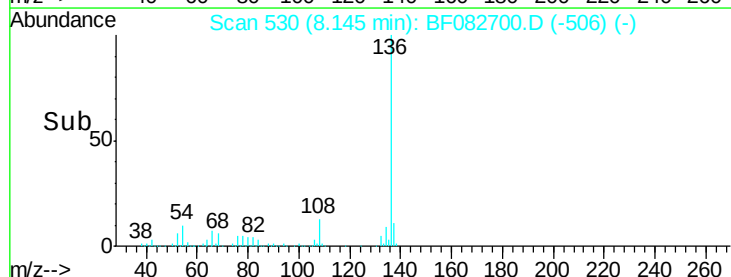
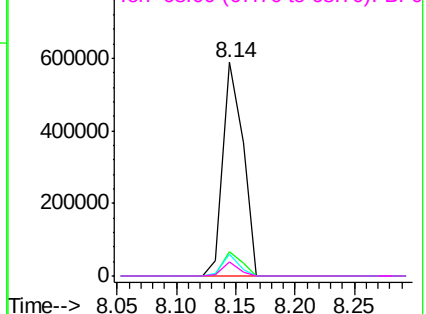
137 11.3 9.1 13.7

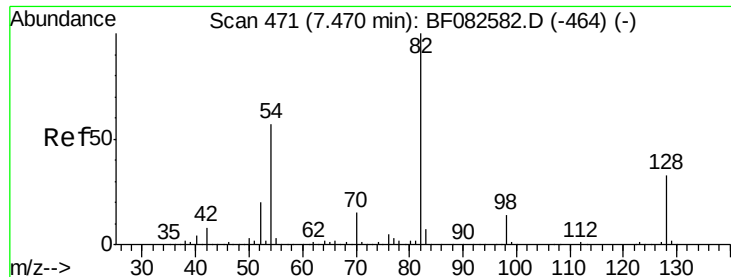
54 10.5 9.1 13.7

68 6.3 4.8 7.2



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



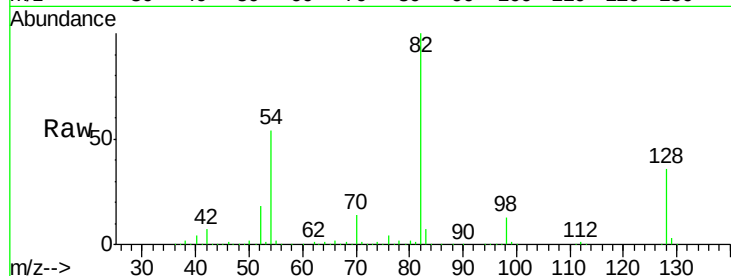


#23
 Nitrobenzene-d5
 Concen: 72.74 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082700.D
 Acq: 4 Nov 2015 14:50

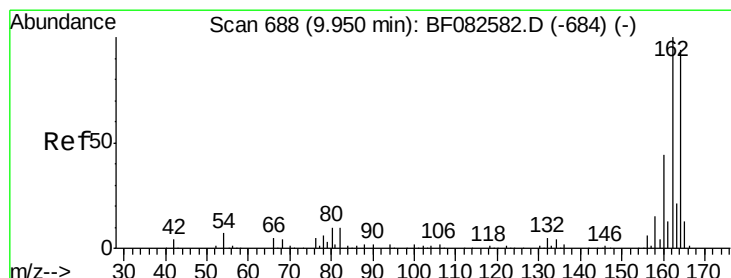
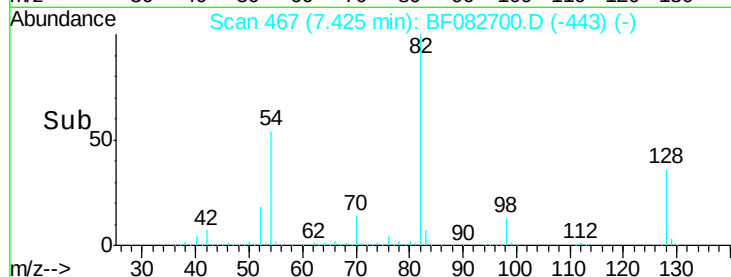
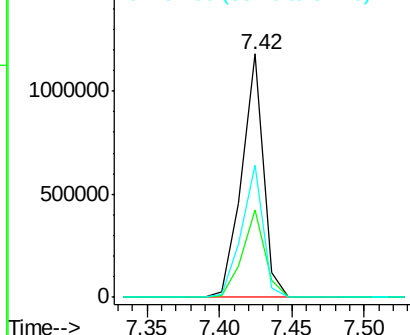
Instrument :
 BNA_F
 ClientSampleId :
 SB-06(18-20)

Tot Ion: 82 Resp: 1222900

Ion	Ratio	Lower	Upper
82	100		
128	36.1	26.8	40.2
54	54.3	45.7	68.5



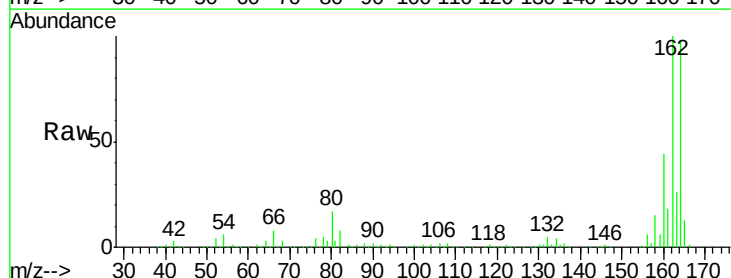
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



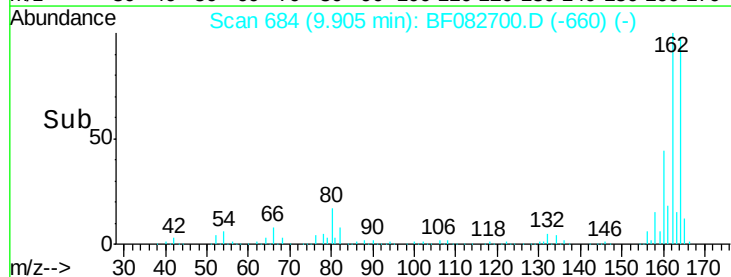
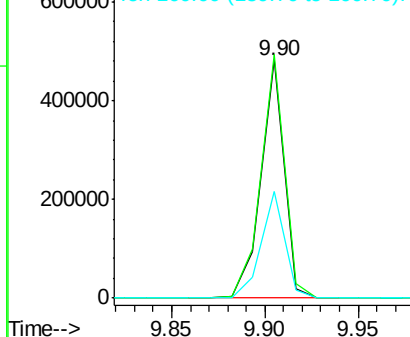
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082700.D
 Acq: 4 Nov 2015 14:50

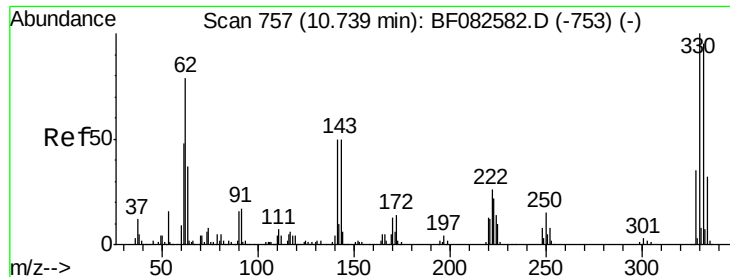
Tgt Ion:164 Resp: 412137

Ion	Ratio	Lower	Upper
164	100		
162	102.1	84.9	127.3
160	44.7	37.5	56.3



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

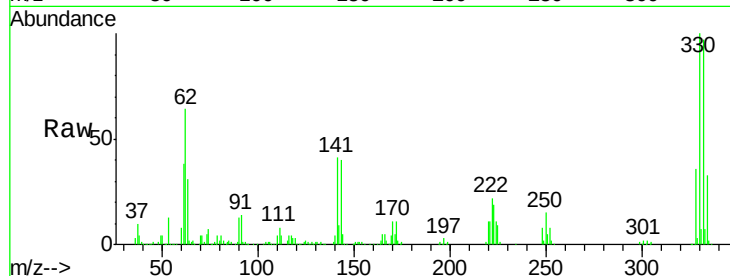




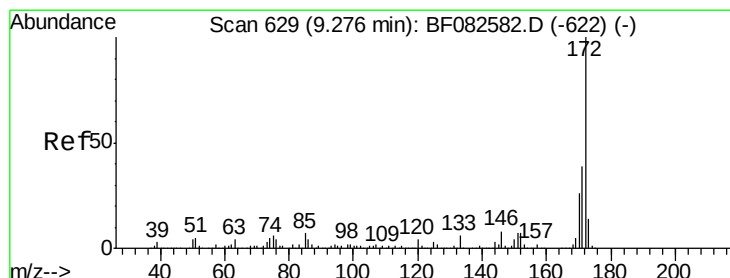
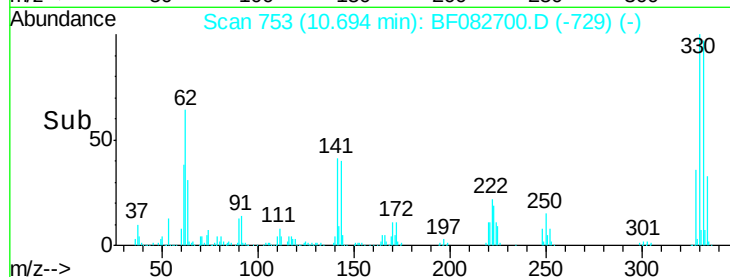
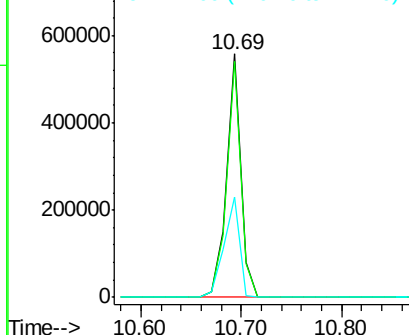
#41
 2,4,6-Tribromophenol
 Concen: 122.19 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082700.D
 Acq: 4 Nov 2015 14:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(18-20)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	44.4	41.2	61.8

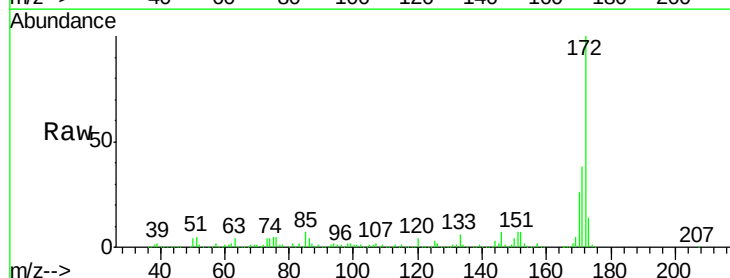


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

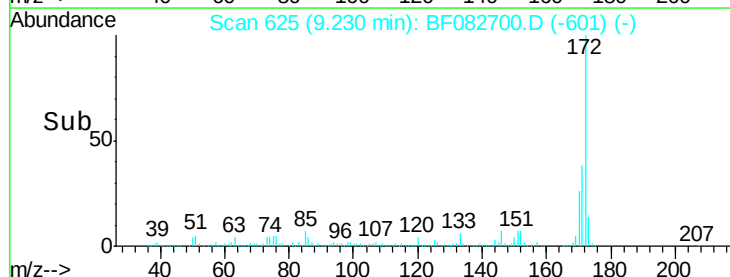
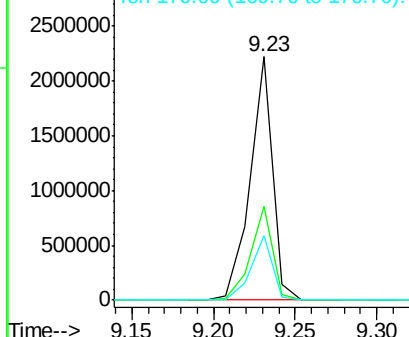


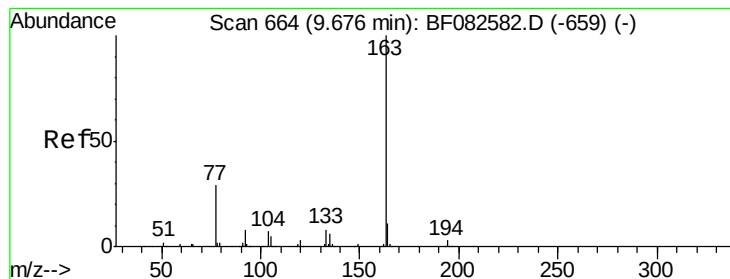
#44
 2-Fluorobiphenyl
 Concen: 72.71 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082700.D
 Acq: 4 Nov 2015 14:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.8	46.2
170	26.3	21.2	31.8



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: 12.26 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF082700.D

Acq: 4 Nov 2015 14:50

Instrument :

BNA_F

ClientSampleId :

SB-06(18-20)

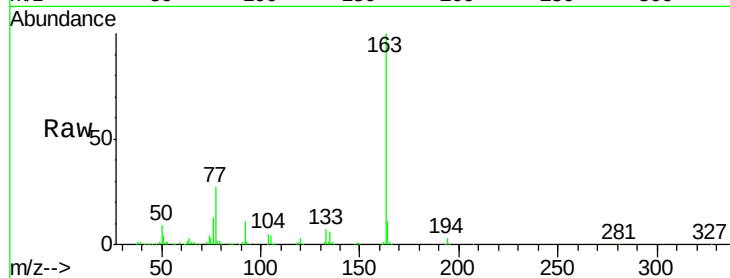
Tot Ion:163 Resp: 412660

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

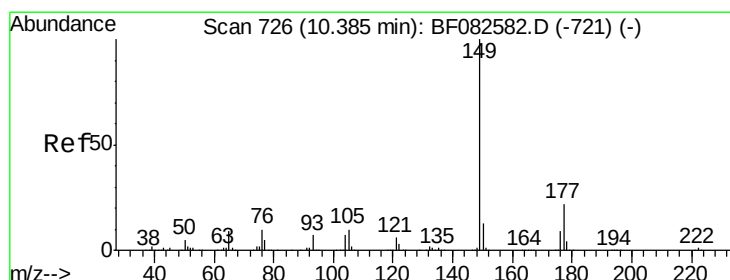
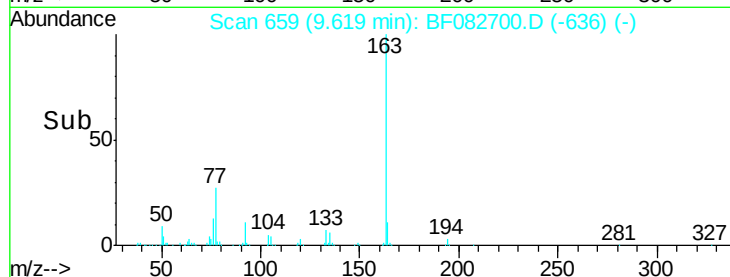
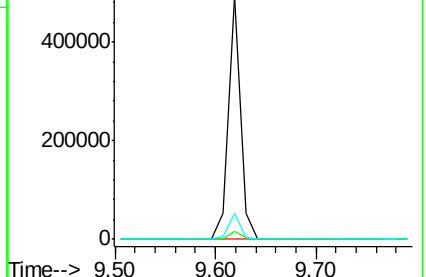
164 10.6 8.7 13.1



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



#59

Diethylphthalate

Concen: 2.71 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF082700.D

Acq: 4 Nov 2015 14:50

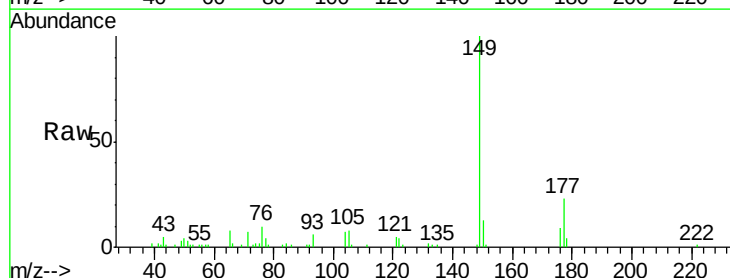
Tgt Ion:149 Resp: 92966

Ion Ratio Lower Upper

149 100

177 22.6 17.9 26.9

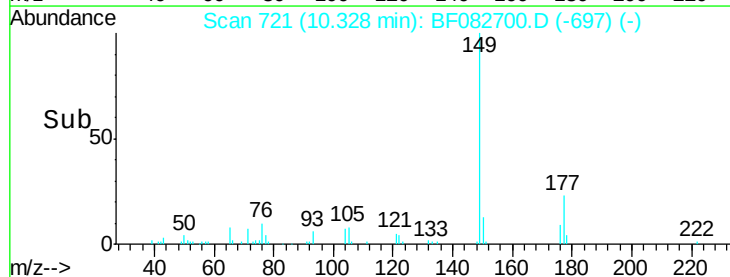
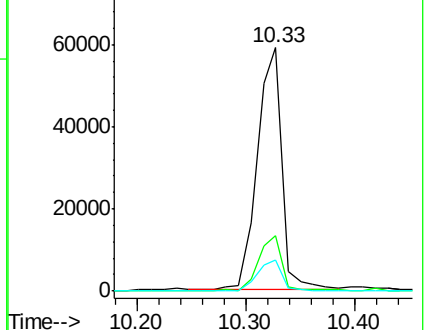
150 12.8 10.1 15.1

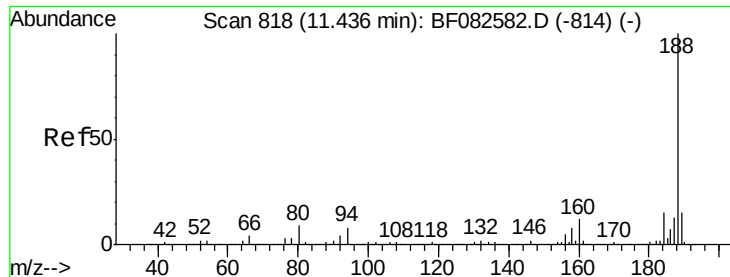


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

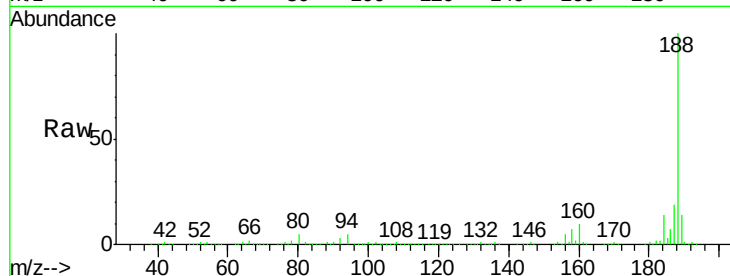




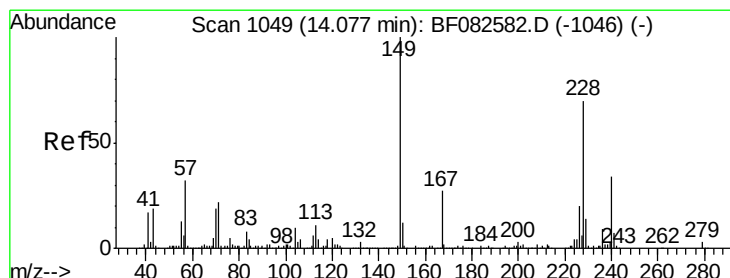
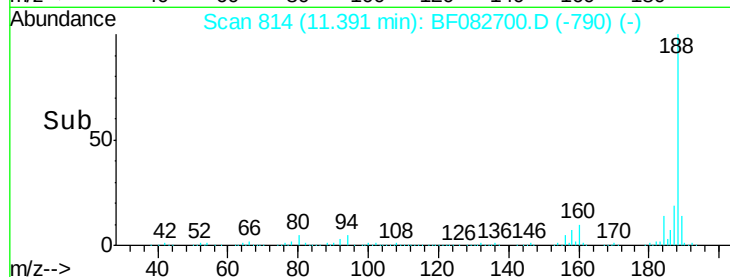
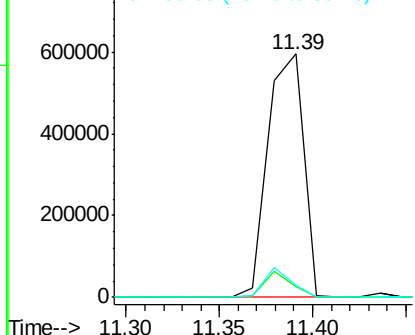
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF082700.D
Acq: 4 Nov 2015 14:50

Instrument :
BNA_F
ClientSampleId :
SB-06(18-20)

Tot Ion:188 Resp: 791462
Ion Ratio Lower Upper
188 100
94 4.6 6.1 9.1#
80 5.2 7.0 10.6#

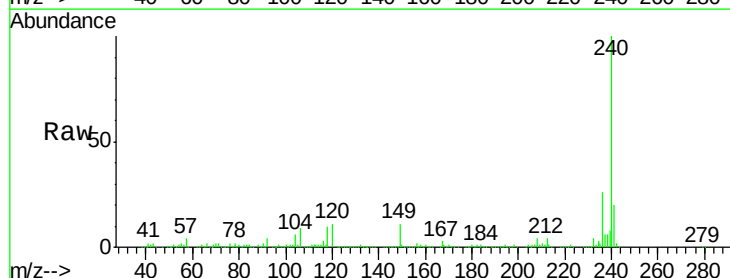


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

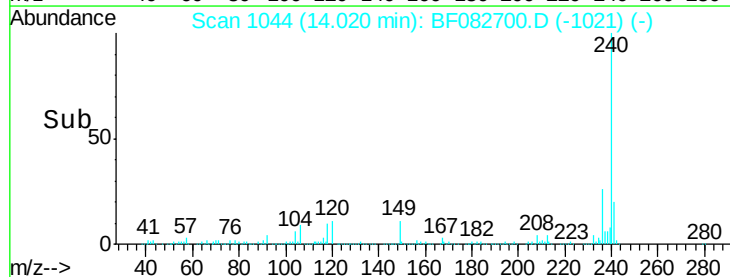
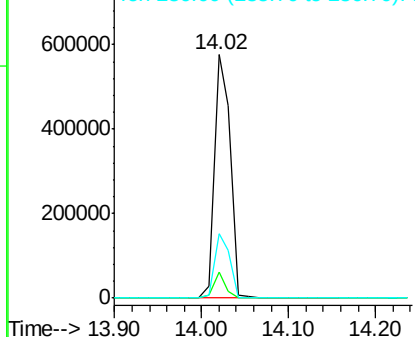


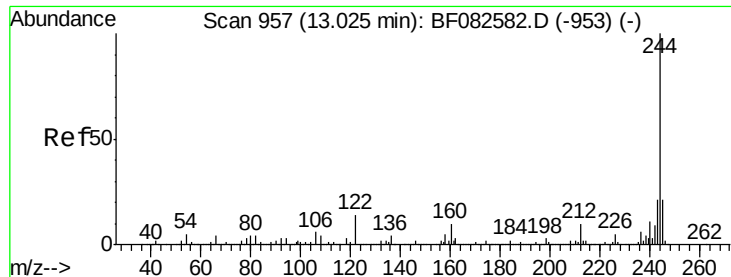
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF082700.D
Acq: 4 Nov 2015 14:50

Tgt Ion:240 Resp: 737487
Ion Ratio Lower Upper
240 100
120 10.8 10.9 16.3#
236 26.3 21.6 32.4



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

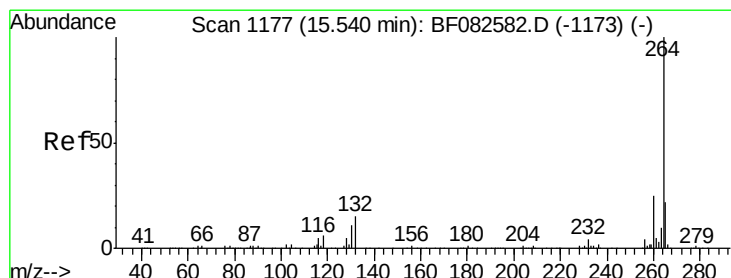
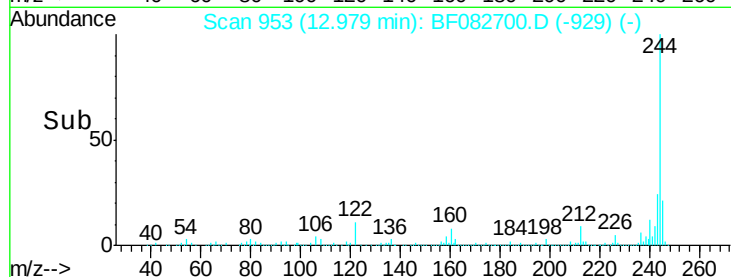
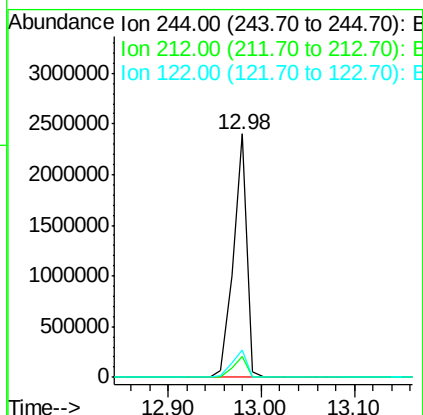
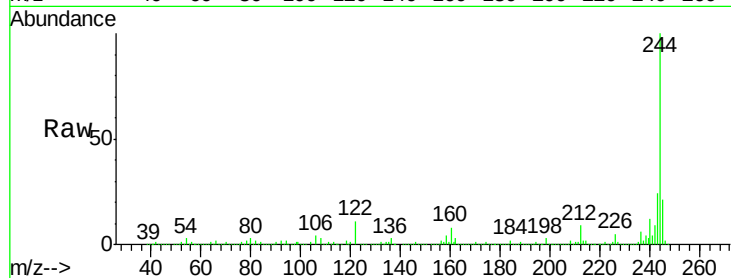




#78
 Terphenyl-d14
 Concen: 72.25 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.02 min
 Lab File: BF082700.D
 Acq: 4 Nov 2015 14:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(18-20)

Tot Ion:244 Resp: 2434680
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.6 11.4
 122 11.5 11.3 16.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF082700.D
 Acq: 4 Nov 2015 14:50

Tgt Ion:264 Resp: 603711
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.8 29.6
 265 21.8 17.4 26.0

