

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085700.D
 Acq On : 23 Mar 2016 11:47
 Operator : UM/SJ
 Sample : H1857-19
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(11-13)

Quant Time: Mar 23 14:56:51 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

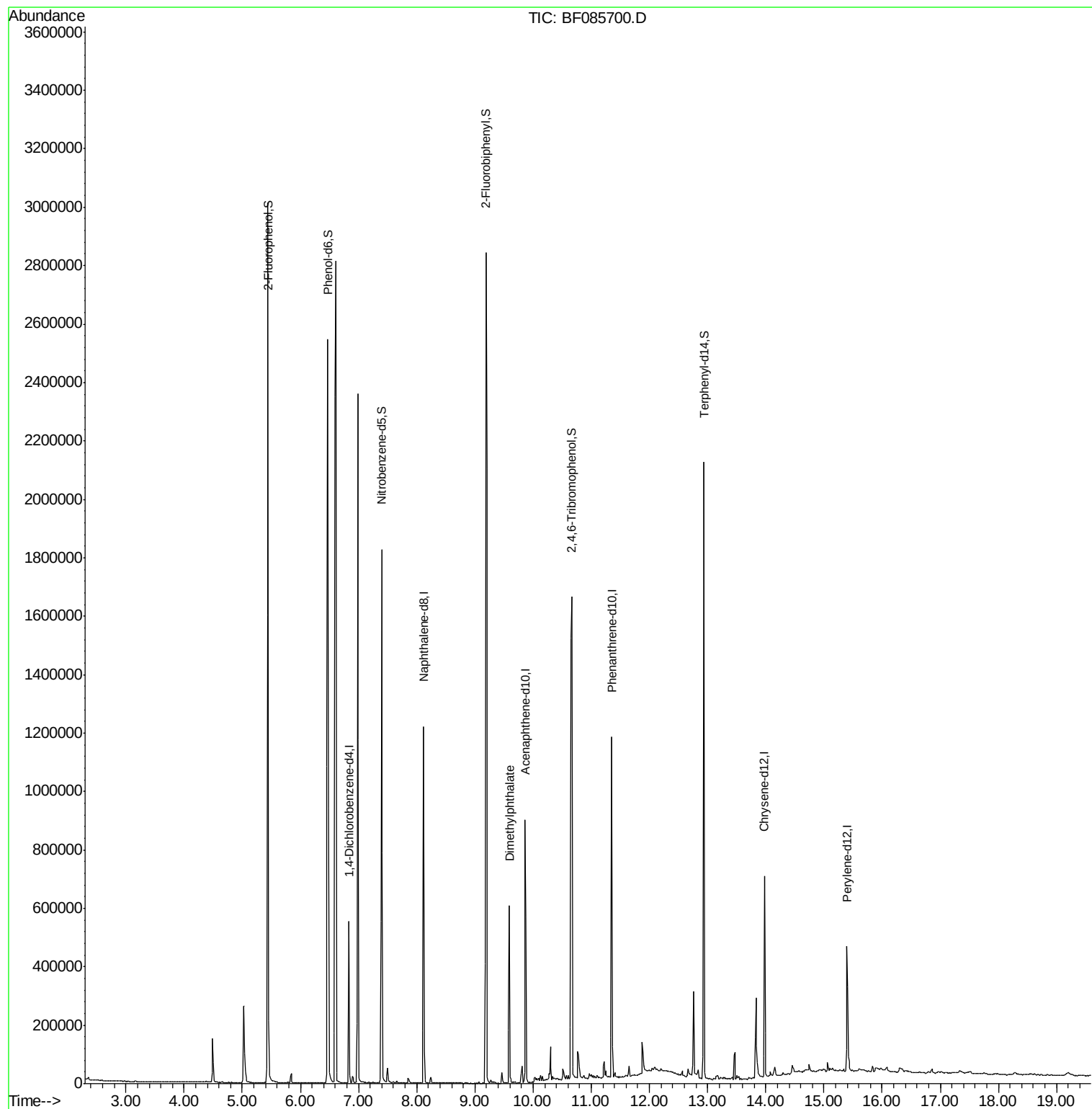
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	121462	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	519324	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	216551	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	383353	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	219205	20.00	ng	-0.03
86) Perylene-d12	15.40	264	203068	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1037653	143.49	ng	-0.01
7) Phenol-d6	6.47	99	1273905	137.35	ng	-0.02
23) Nitrobenzene-d5	7.40	82	787910	88.07	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	336989	158.86	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	1287869	109.13	ng	-0.03
78) Terphenyl-d14	12.94	244	896359	98.40	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.59	163	259496	15.88	ng	Qvalue 99

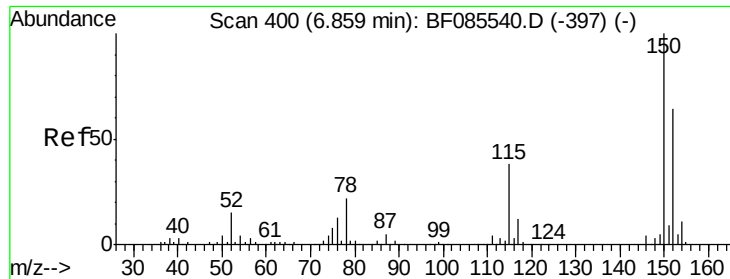
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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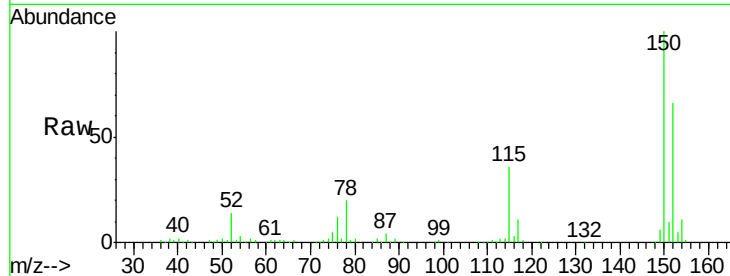




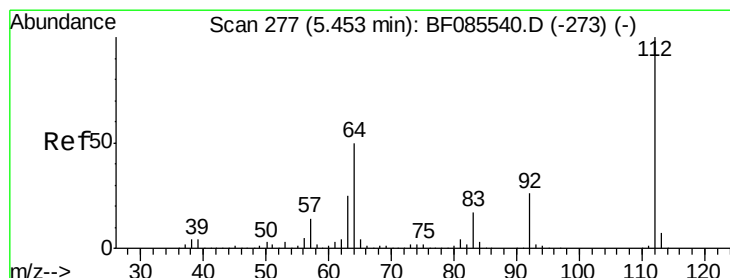
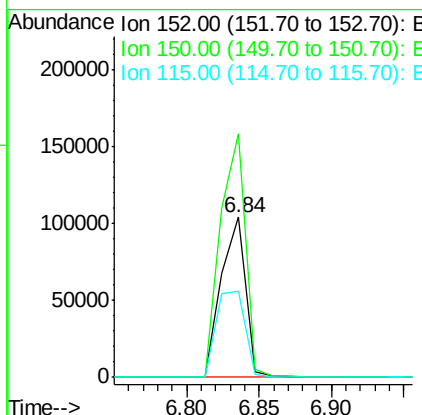
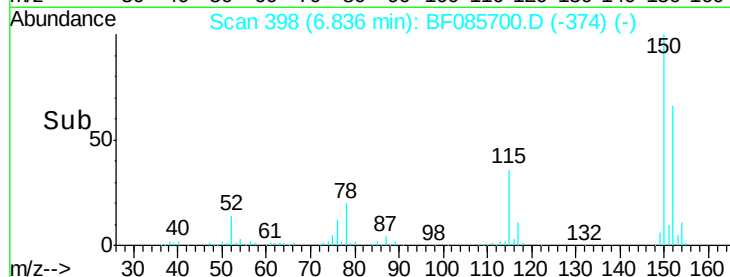
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 398
 Delta R.T. -0.02 min
 Lab File: BF085700.D
 Acq: 23 Mar 2016 11:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(11-13)

Tgt Ion:152 Resp: 121462
 Ion Ratio Lower Upper
 152 100
 150 152.1 124.2 186.2
 115 54.2 47.0 70.6

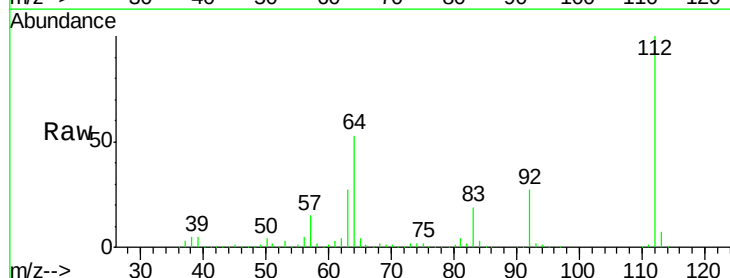


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

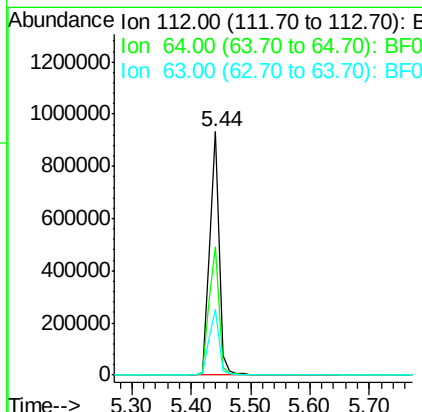
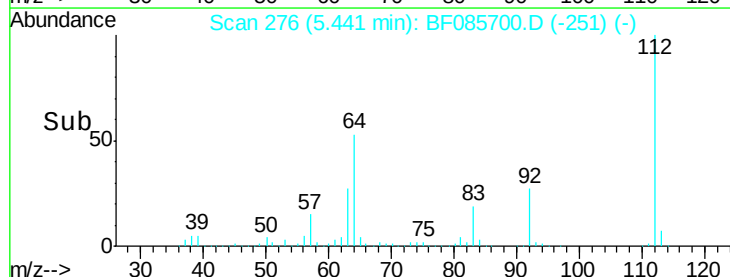


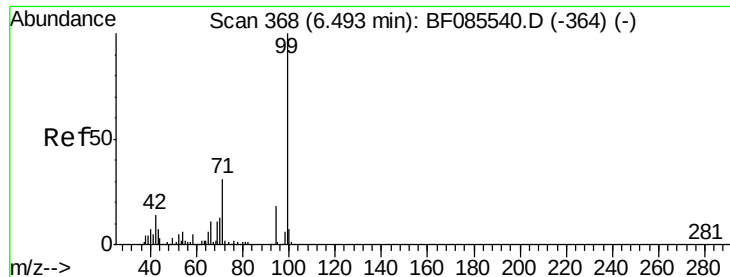
#5
 2-Fluorophenol
 Concen: 143.49 ng
 RT: 5.44 min Scan# 276
 Delta R.T. -0.01 min
 Lab File: BF085700.D
 Acq: 23 Mar 2016 11:47

Tgt Ion:112 Resp: 1037653
 Ion Ratio Lower Upper
 112 100
 64 52.6 39.9 59.9
 63 26.8 20.2 30.2



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: 137.35 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085700.D

Acq: 23 Mar 2016 11:47

Instrument :

BNA_F

ClientSampleId :

SB-06(11-13)

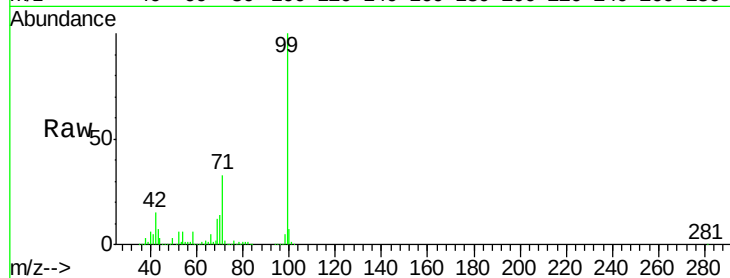
Tgt Ion: 99 Resp: 1273905

Ion Ratio Lower Upper

99 100

42 15.1 11.1 16.7

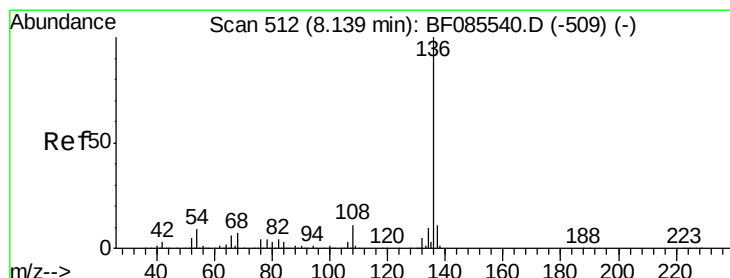
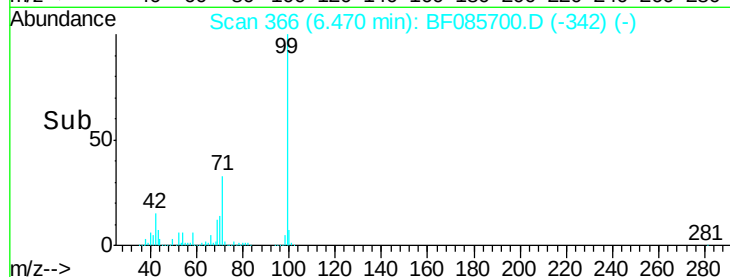
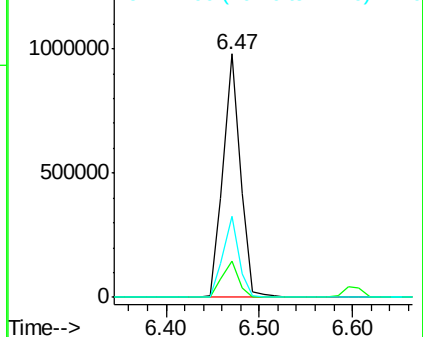
71 33.3 24.9 37.3



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: 8.12 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF085700.D

Acq: 23 Mar 2016 11:47

Tgt Ion: 136 Resp: 519324

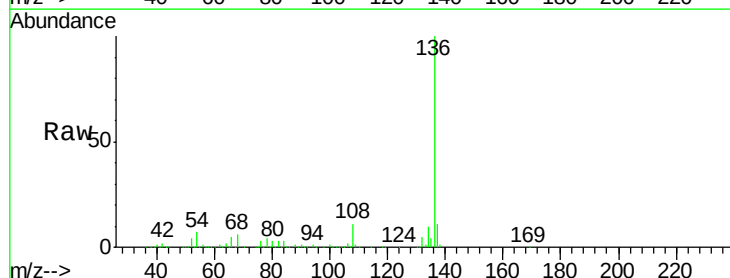
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 7.3 7.4 11.0#

68 6.1 5.8 8.8

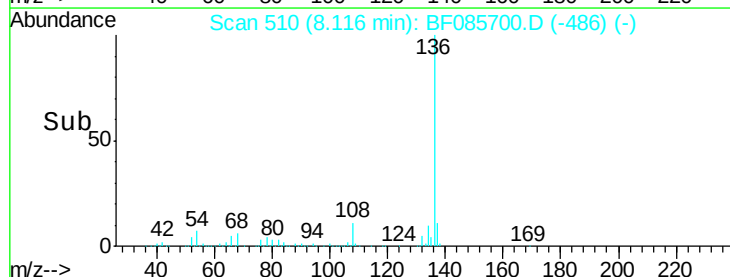
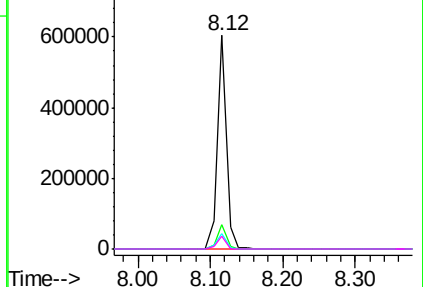


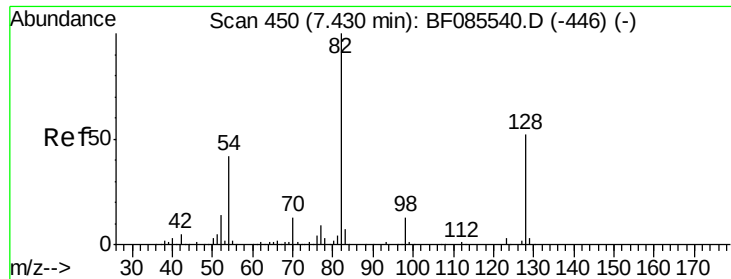
Abundance Ion 136.00 (135.70 to 136.70): E

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

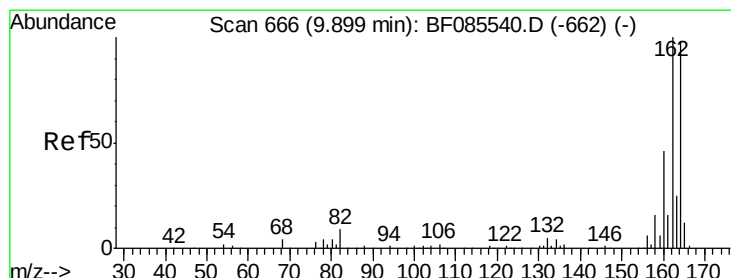
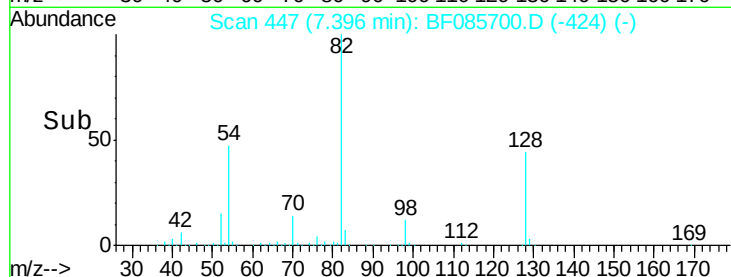
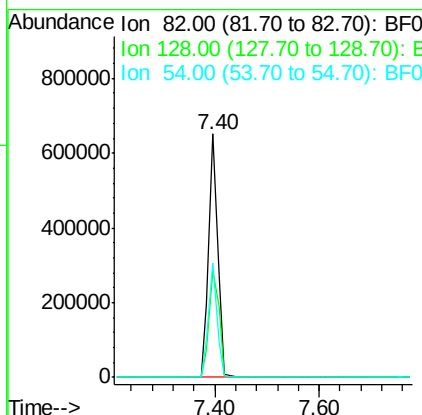
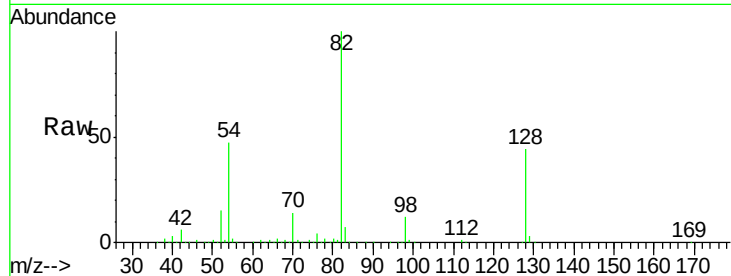




#23
 Nitrobenzene-d5
 Concen: 88.07 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.03 min
 Lab File: BF085700.D
 Acq: 23 Mar 2016 11:47

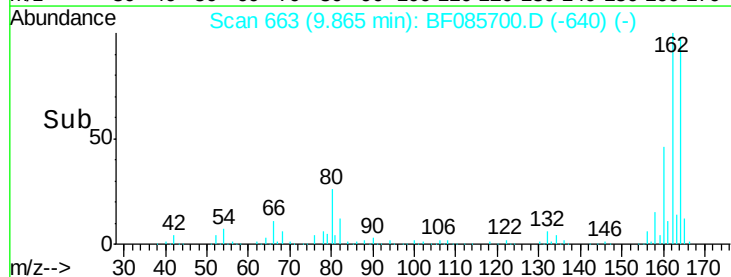
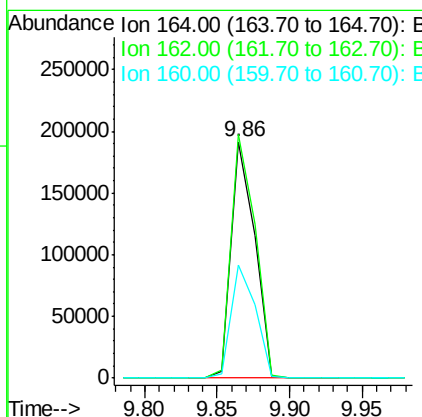
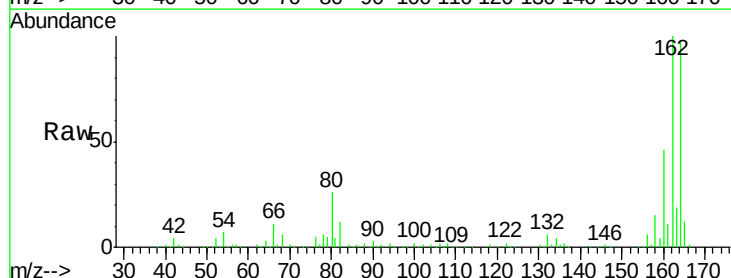
Instrument :
 BNA_F
 ClientSampleId :
 SB-06(11-13)

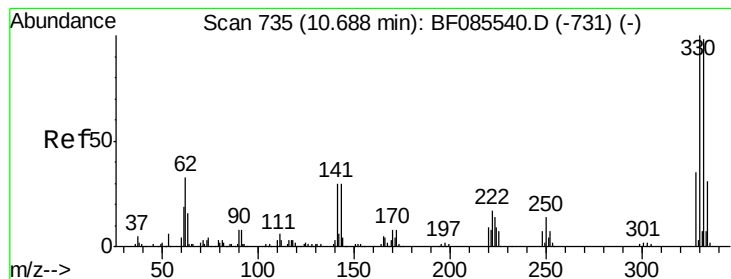
Tgt Ion: 82 Resp: 787910
 Ion Ratio Lower Upper
 82 100
 128 43.9 41.8 62.8
 54 46.9 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.03 min
 Lab File: BF085700.D
 Acq: 23 Mar 2016 11:47

Tgt Ion: 164 Resp: 216551
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.1 123.1
 160 47.6 37.4 56.2





#41

2,4,6-Tribromophenol

Concen: 158.86 ng

RT: 10.66 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF085700.D

Acq: 23 Mar 2016 11:47

Instrument :

BNA_F

ClientSampleId :

SB-06(11-13)

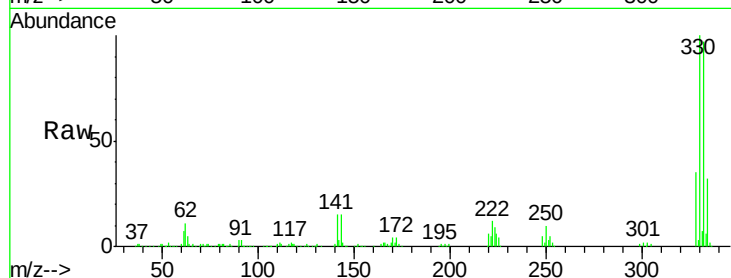
Tgt Ion:330 Resp: 336989

Ion Ratio Lower Upper

330 100

332 96.5 78.2 117.2

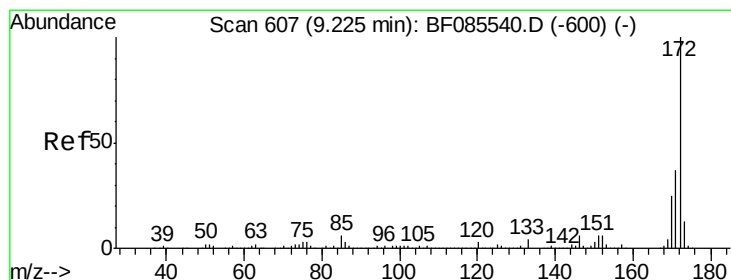
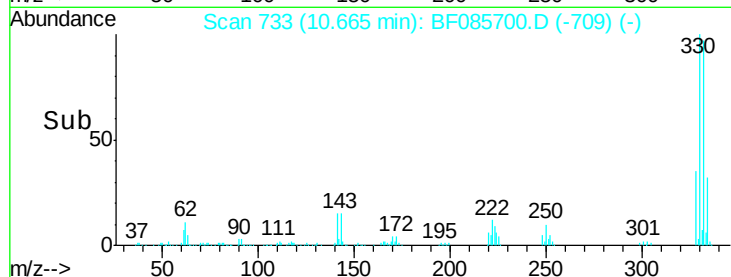
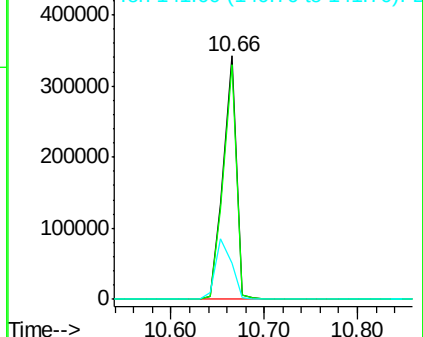
141 30.8 31.5 47.3#



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: 109.13 ng

RT: 9.19 min Scan# 604

Delta R.T. -0.03 min

Lab File: BF085700.D

Acq: 23 Mar 2016 11:47

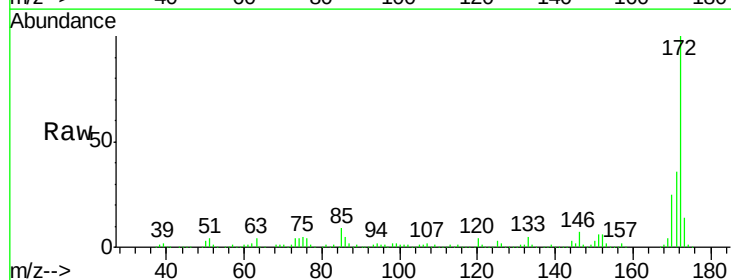
Tgt Ion:172 Resp: 1287869

Ion Ratio Lower Upper

172 100

171 36.5 29.4 44.2

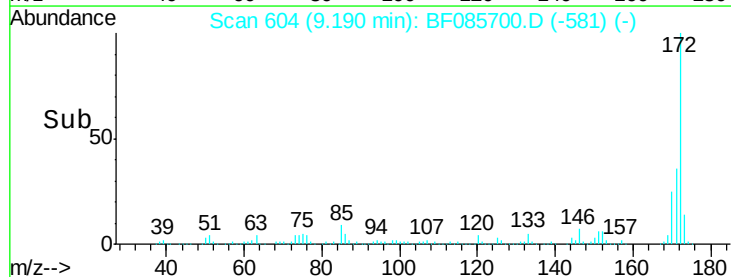
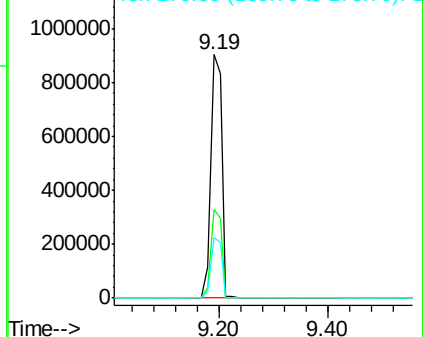
170 24.7 19.8 29.6

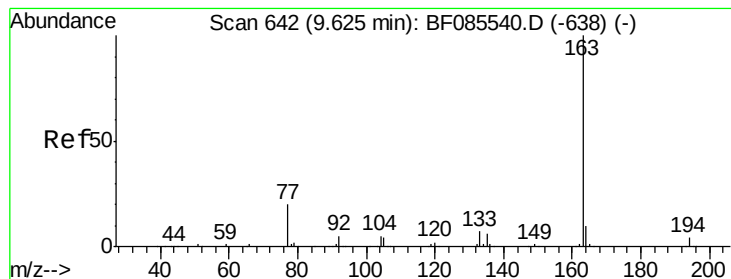


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 15.88 ng

RT: 9.59 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF085700.D

Acq: 23 Mar 2016 11:47

Instrument :

BNA_F

ClientSampleId :

SB-06(11-13)

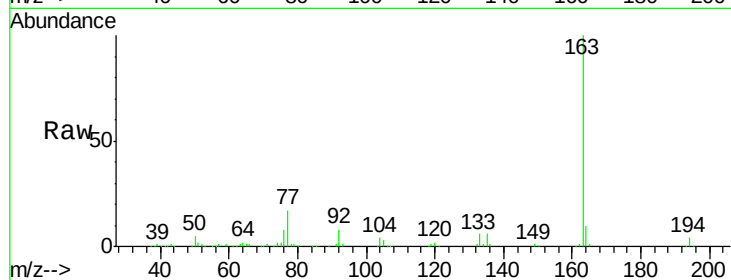
Tgt Ion:163 Resp: 259496

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

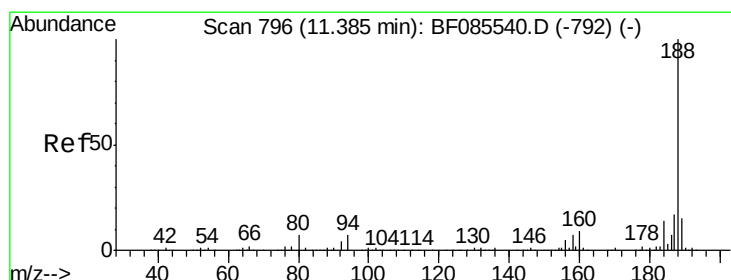
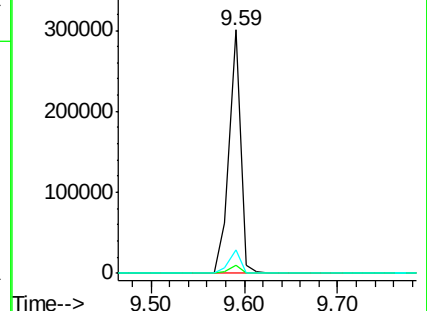
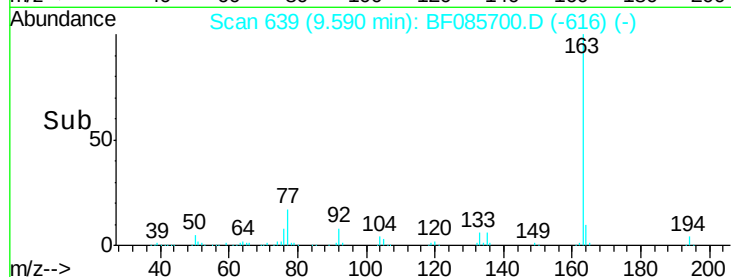
164 9.9 8.3 12.5



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: 11.35 min Scan# 793

Delta R.T. -0.03 min

Lab File: BF085700.D

Acq: 23 Mar 2016 11:47

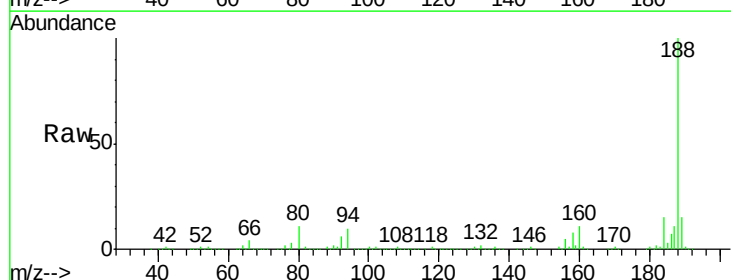
Tgt Ion:188 Resp: 383353

Ion Ratio Lower Upper

188 100

94 10.3 5.4 8.0#

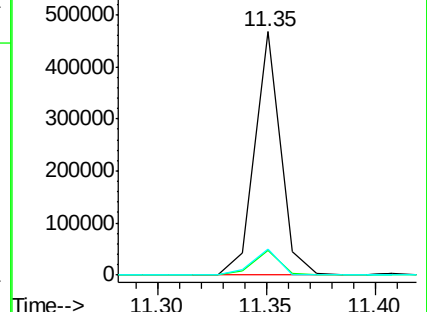
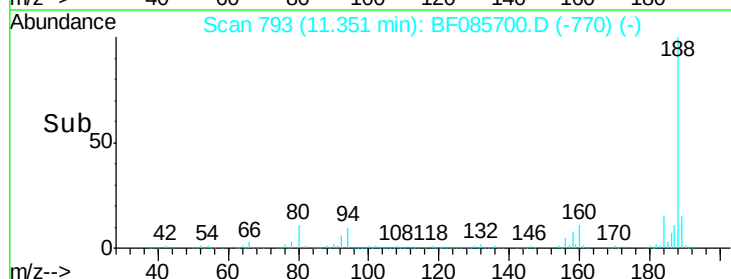
80 10.8 5.5 8.3#

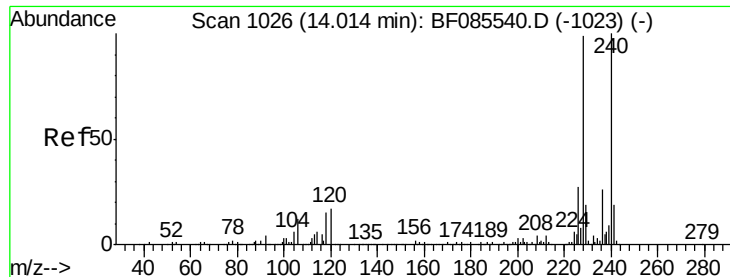


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.98 min Scan# 1023

Delta R.T. -0.03 min

Lab File: BF085700.D

Acq: 23 Mar 2016 11:47

Instrument :

BNA_F

ClientSampleId :

SB-06(11-13)

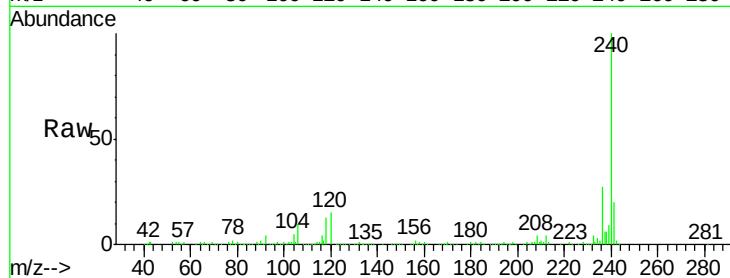
Tgt Ion:240 Resp: 219205

Ion Ratio Lower Upper

240 100

120 15.1 13.8 20.8

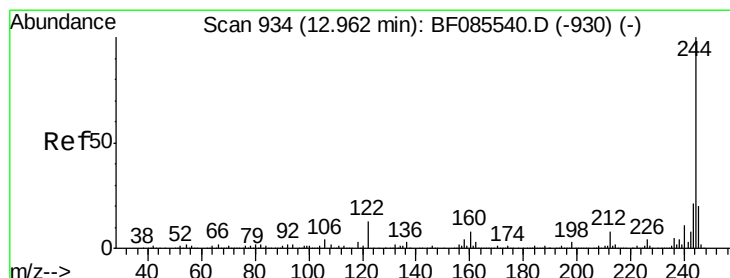
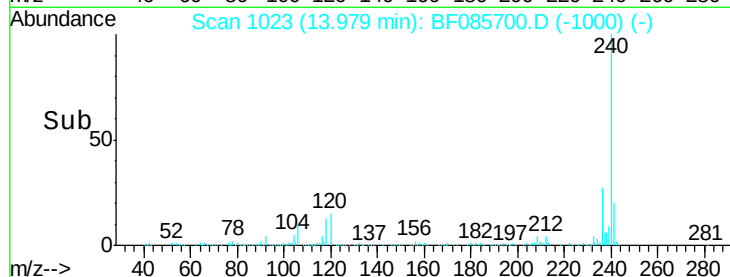
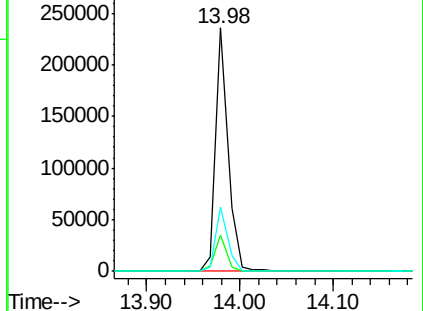
236 26.7 20.6 30.8



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: 98.40 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF085700.D

Acq: 23 Mar 2016 11:47

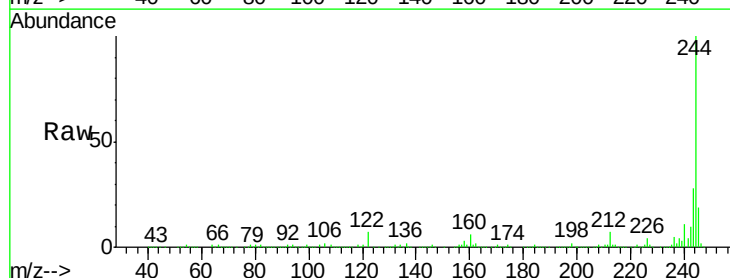
Tgt Ion:244 Resp: 896359

Ion Ratio Lower Upper

244 100

212 6.6 6.1 9.1

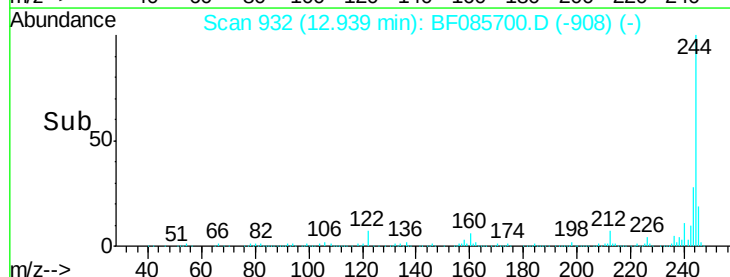
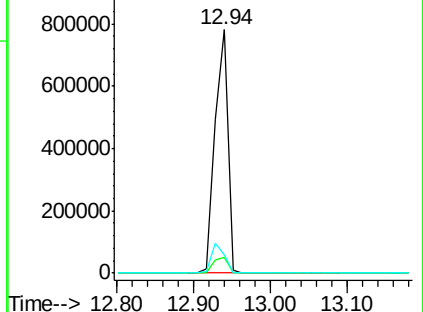
122 7.3 10.2 15.4#

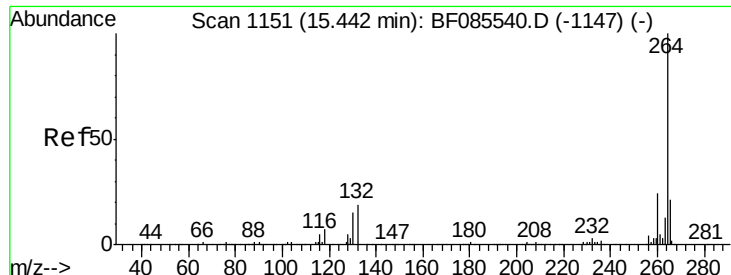


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

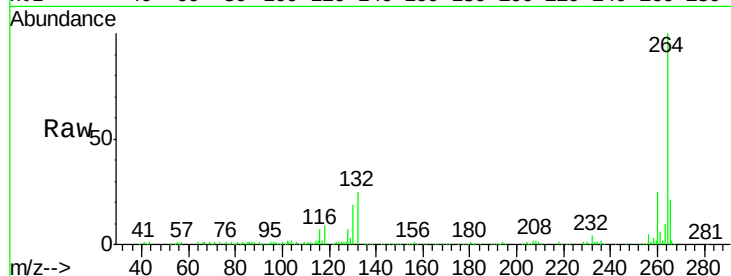




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF085700.D
Acq: 23 Mar 2016 11:47

Instrument :
BNA_F
ClientSampleId :
SB-06(11-13)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.5	17.2	25.8



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

