

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
 Data File : BF085232.D
 Acq On : 5 Mar 2016 4:58
 Operator : SJ/IZ
 Sample : H1663-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-44(22-24)

Quant Time: Mar 07 00:19:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

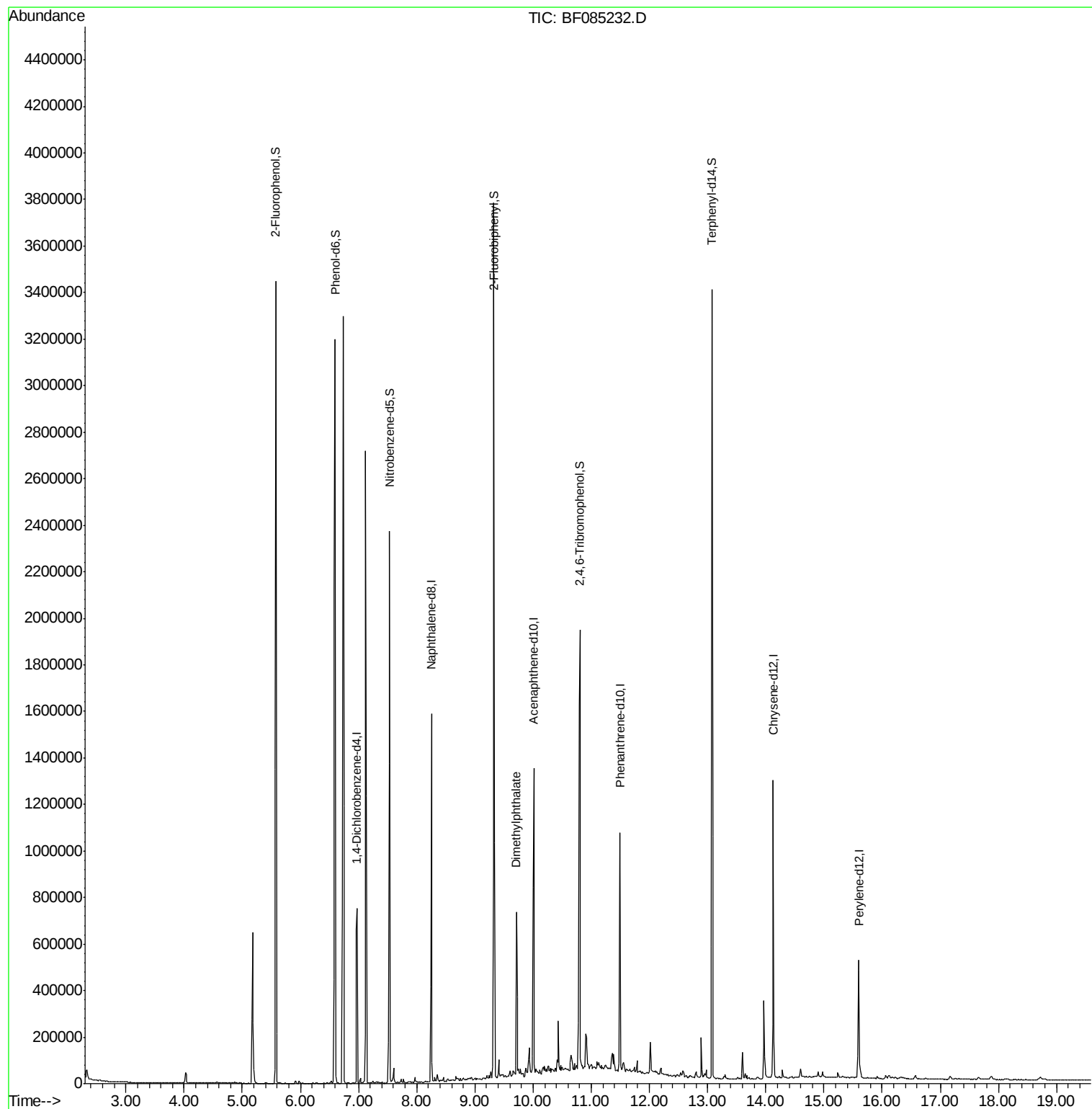
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	163816	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	710838	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	316389	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	571105	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	404947	20.00	ng	-0.02
86) Perylene-d12	15.60	264	277406	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1021451	104.59	ng	0.00
7) Phenol-d6	6.60	99	1514969	118.40	ng	-0.01
23) Nitrobenzene-d5	7.53	82	958454	72.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	337610	124.71	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1326369	63.76	ng	-0.02
78) Terphenyl-d14	13.08	244	1119913	64.20	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.72	163	297215	12.24	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: 6.97 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085232.D

Acq: 5 Mar 2016 4:58

Instrument :

BNA_F

ClientSampleId :

SB-44(22-24)

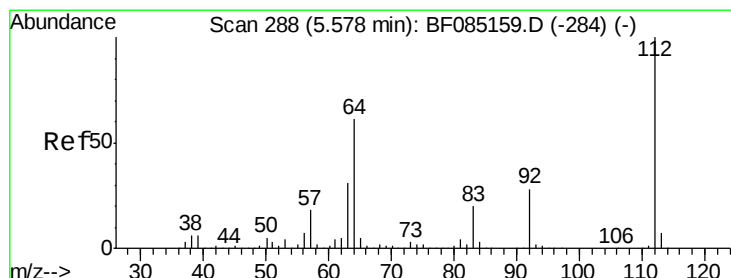
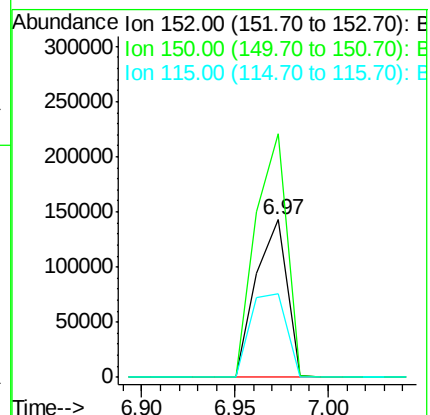
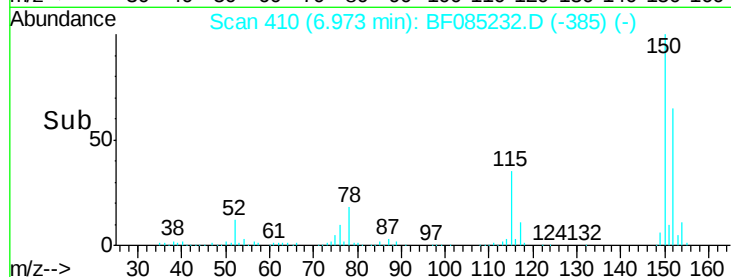
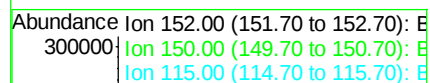
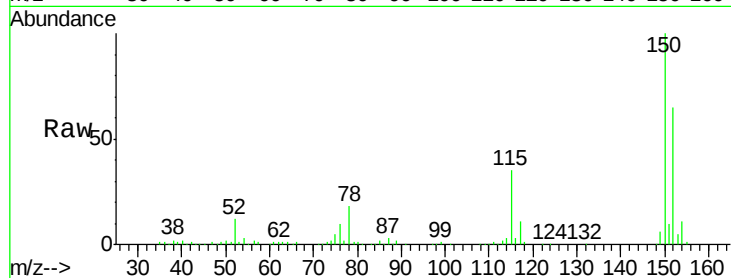
Tot Ion:152 Resp: 163816

Ion Ratio Lower Upper

152 100

150 154.5 124.6 186.8

115 53.4 46.6 70.0



#5

2-Fluorophenol

Concen: 104.59 ng

RT: 5.58 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF085232.D

Acq: 5 Mar 2016 4:58

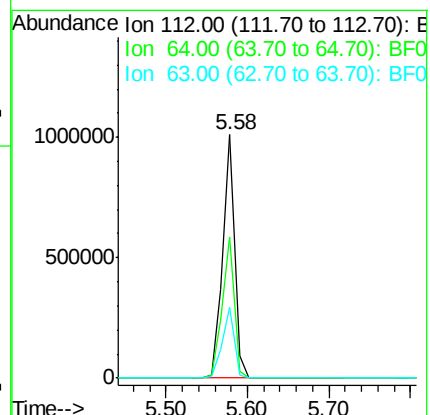
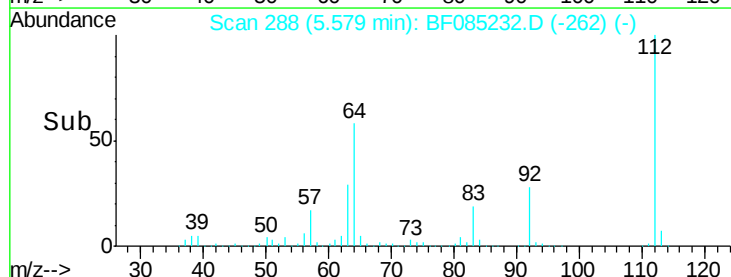
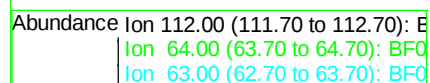
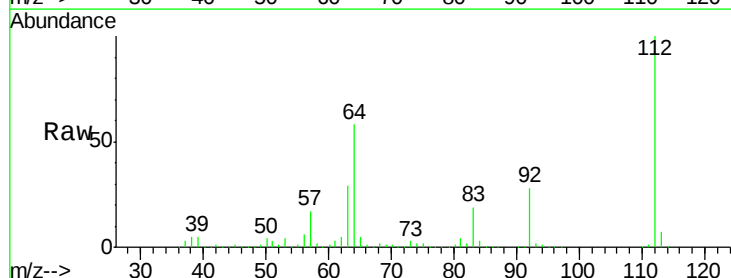
Tgt Ion:112 Resp: 1021451

Ion Ratio Lower Upper

112 100

64 57.9 49.0 73.4

63 29.1 24.8 37.2





#7

Phenol-d6

Concen: 118.40 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085232.D

Acq: 5 Mar 2016 4:58

Instrument :

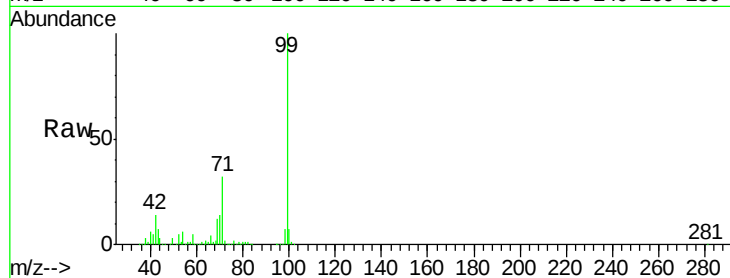
BNA_F

ClientSampleId :

SB-44(22-24)

Tot Ion: 99 Resp: 1514969

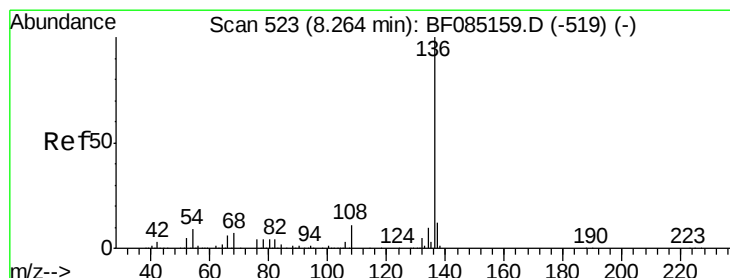
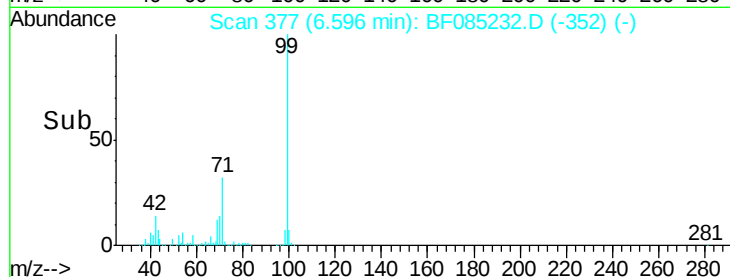
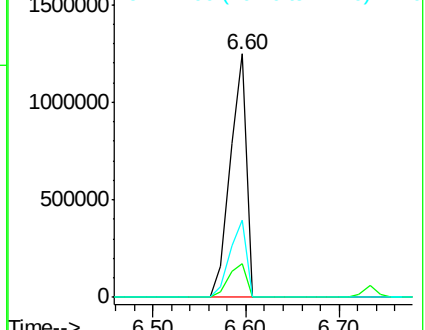
Ion	Ratio	Lower	Upper
99	100		
42	14.0	13.6	20.4
71	31.8	26.7	40.1



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: 8.25 min Scan# 522

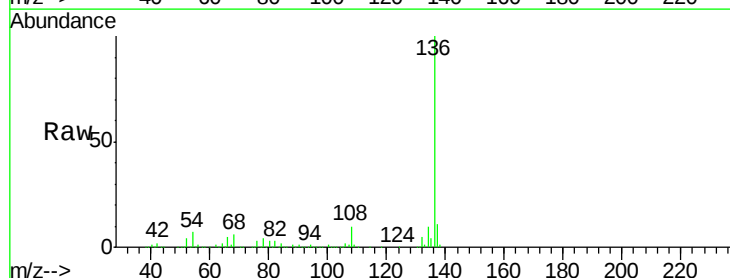
Delta R.T. -0.01 min

Lab File: BF085232.D

Acq: 5 Mar 2016 4:58

Tgt Ion: 136 Resp: 710838

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	7.2	7.4	11.2#
68	6.0	6.0	9.0#

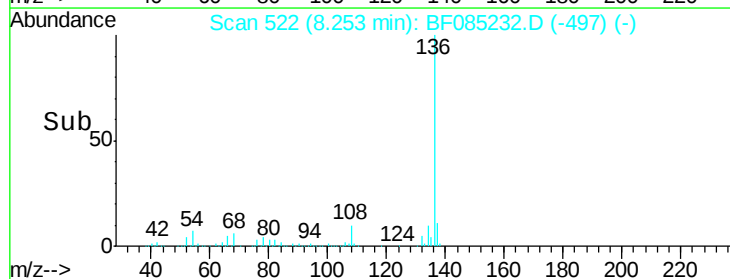
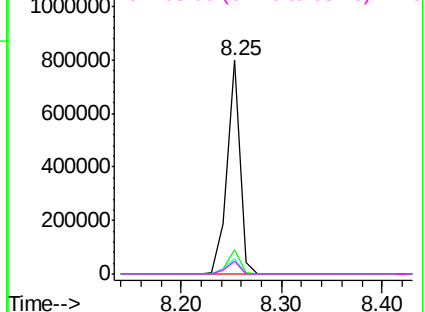


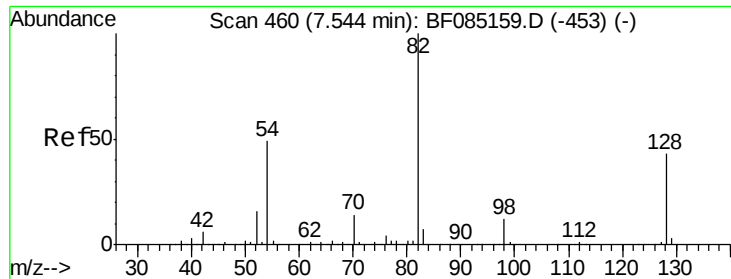
Abundance Ion 136.00 (135.70 to 136.70): E

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

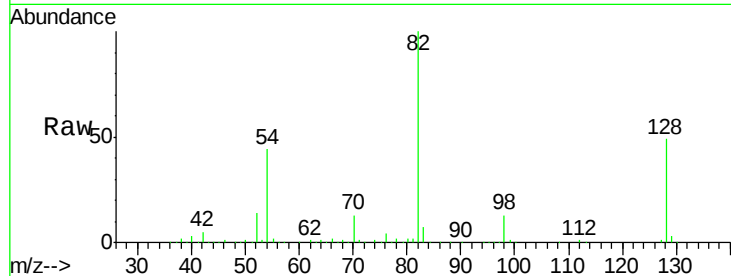




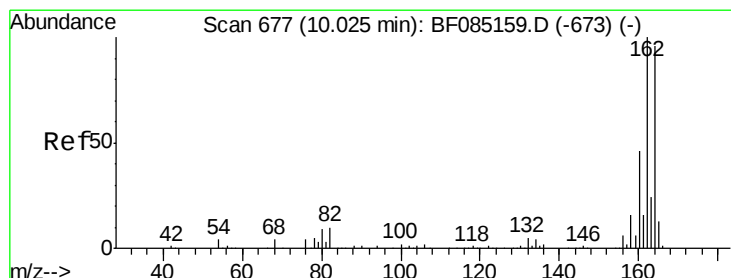
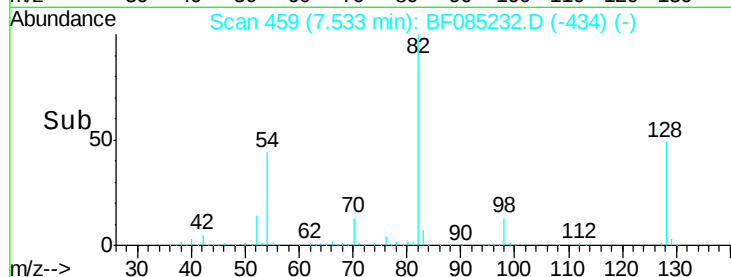
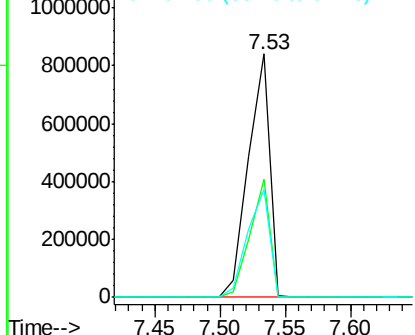
#23
 Nitrobenzene-d5
 Concen: 72.15 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF085232.D
 Acq: 5 Mar 2016 4:58

Instrument :
 BNA_F
 ClientSampled :
 SB-44(22-24)

Tot Ion	82	Resp	958454
Ion Ratio	100	Lower	Upper
128	48.8	34.5	51.7
54	44.1	39.3	58.9

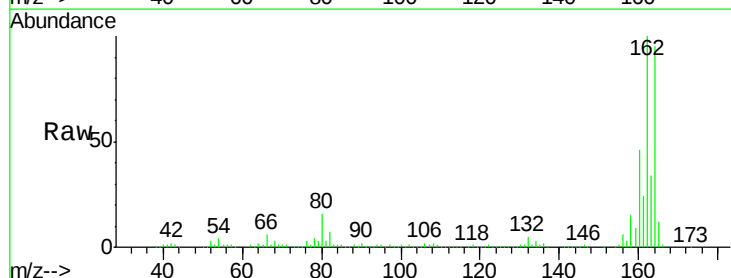


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

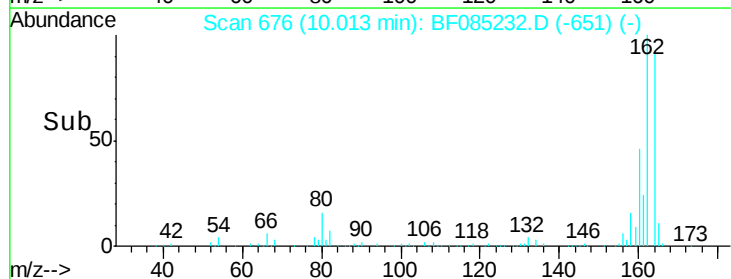
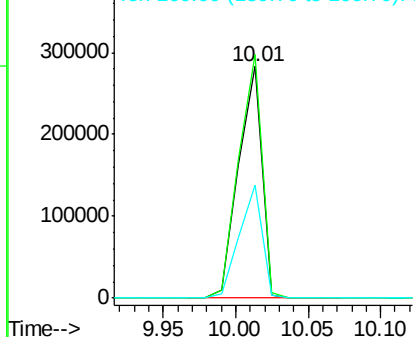


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF085232.D
 Acq: 5 Mar 2016 4:58

Tgt Ion	164	Resp	316389
Ion Ratio	100	Lower	Upper
162	105.0	83.3	124.9
160	48.5	37.9	56.9



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

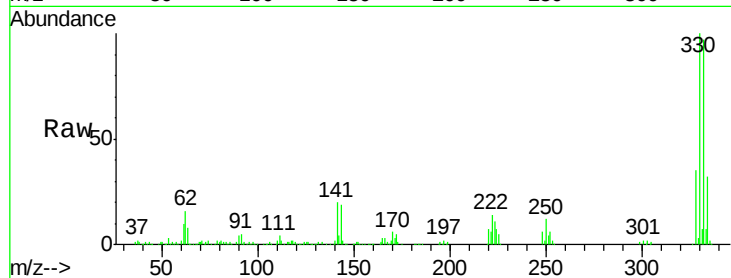




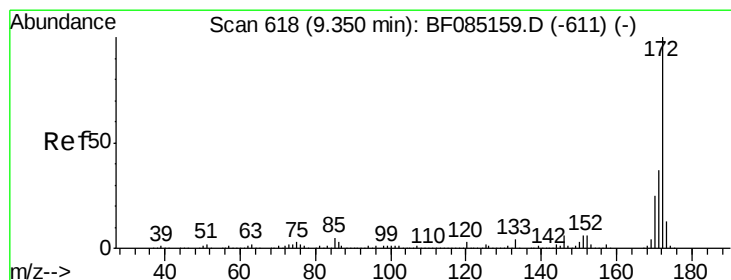
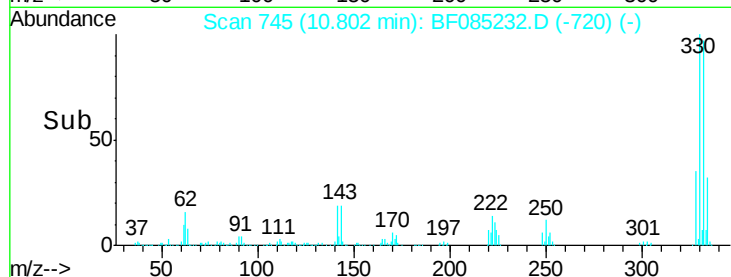
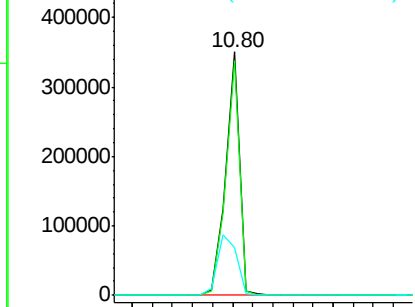
#41
 2,4,6-Tribromophenol
 Concen: 124.71 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085232.D
 Acq: 5 Mar 2016 4:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-44(22-24)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	34.4	35.0	52.6#

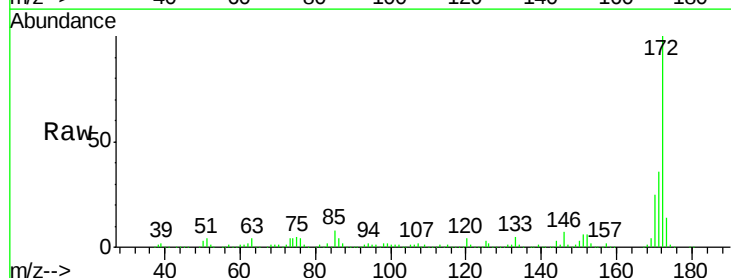


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

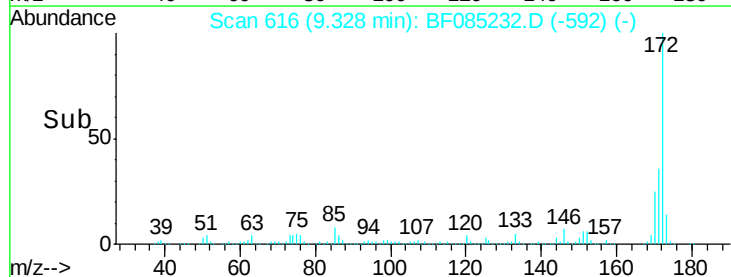
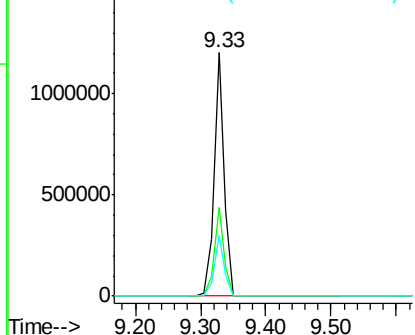


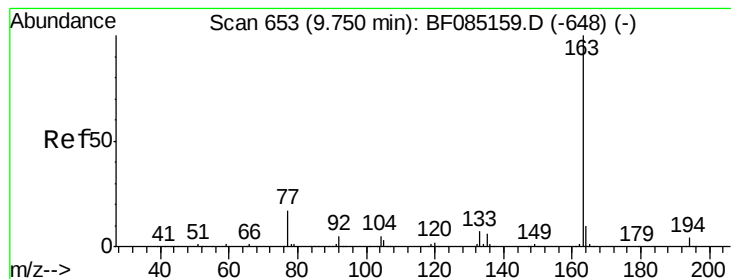
#44
 2-Fluorobiphenyl
 Concen: 63.76 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085232.D
 Acq: 5 Mar 2016 4:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.3	43.9
170	24.6	20.0	30.0



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: 12.24 ng

RT: 9.72 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF085232.D

Acq: 5 Mar 2016 4:58

Instrument :

BNA_F

ClientSampleId :

SB-44(22-24)

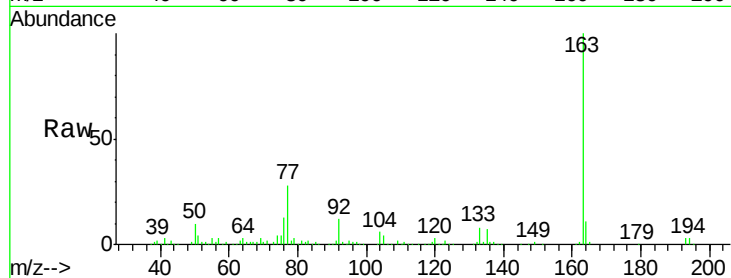
Tot Ion:163 Resp: 297215

Ion Ratio Lower Upper

163 100

194 3.5 3.1 4.7

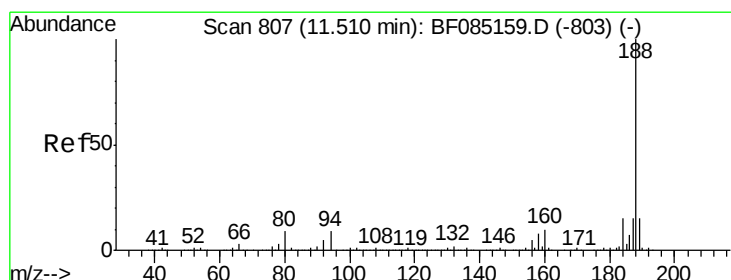
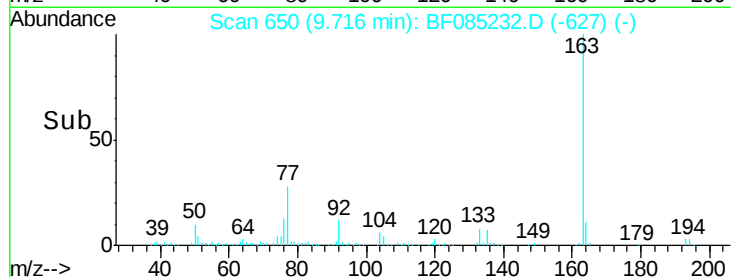
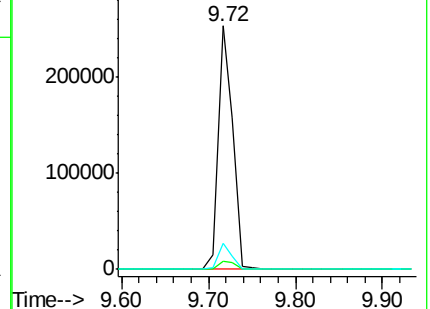
164 10.7 8.2 12.4



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: 11.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF085232.D

Acq: 5 Mar 2016 4:58

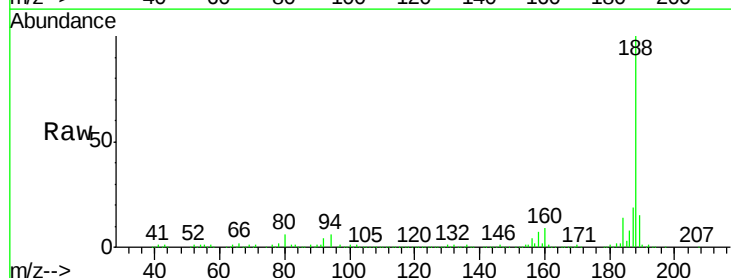
Tgt Ion:188 Resp: 571105

Ion Ratio Lower Upper

188 100

94 6.4 7.0 10.6#

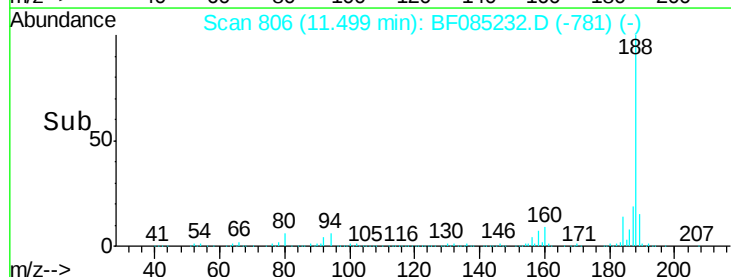
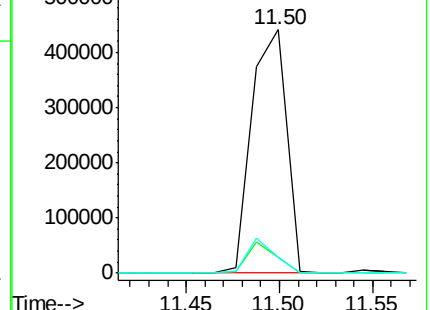
80 6.3 7.4 11.0#

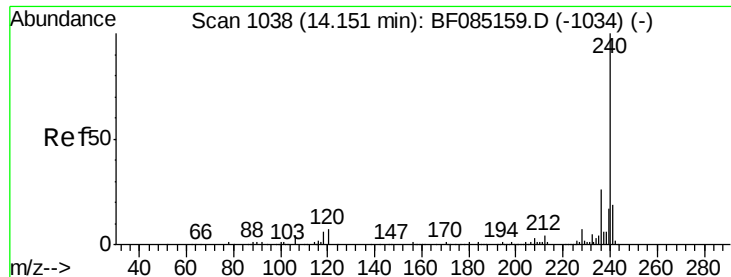


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.13 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF085232.D

Acq: 5 Mar 2016 4:58

Instrument :

BNA_F

ClientSampleId :

SB-44(22-24)

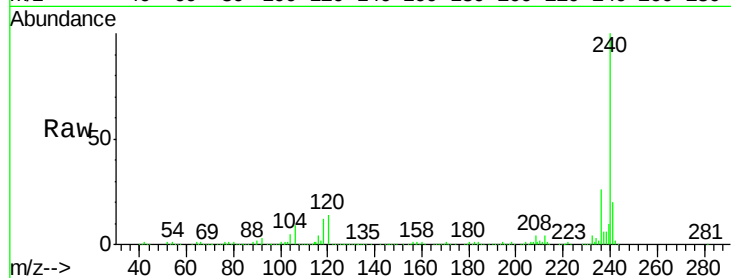
Tot Ion:240 Resp: 404947

Ion Ratio Lower Upper

240 100

120 13.7 5.3 7.9#

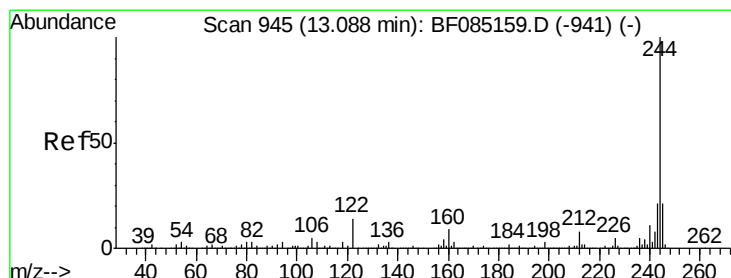
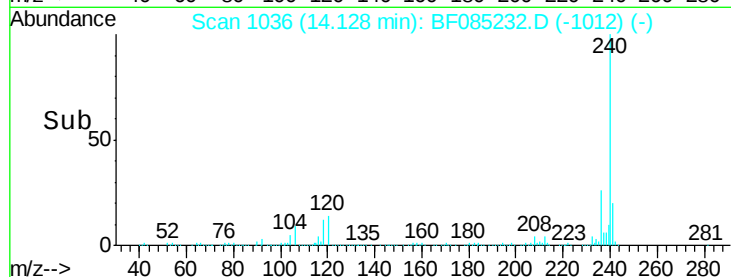
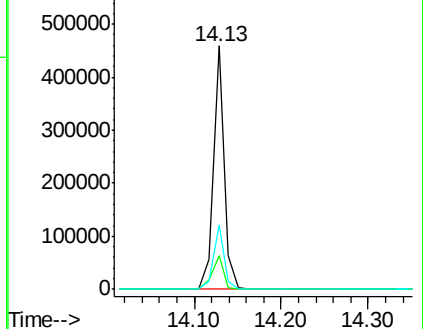
236 26.5 20.7 31.1



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: 64.20 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085232.D

Acq: 5 Mar 2016 4:58

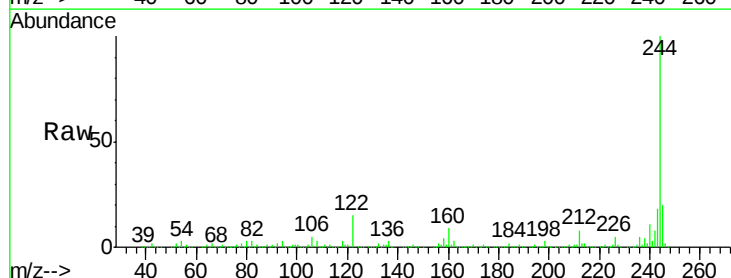
Tgt Ion:244 Resp: 1119913

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

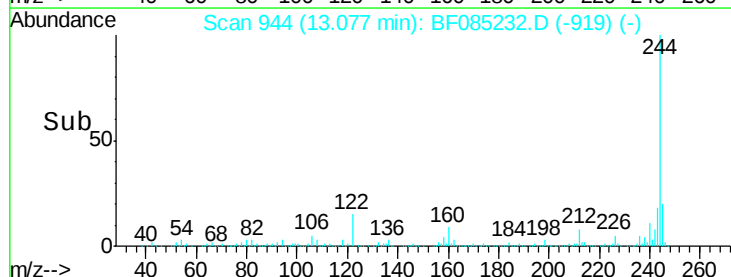
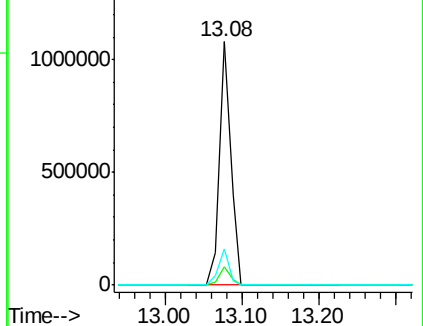
122 14.9 11.4 17.2

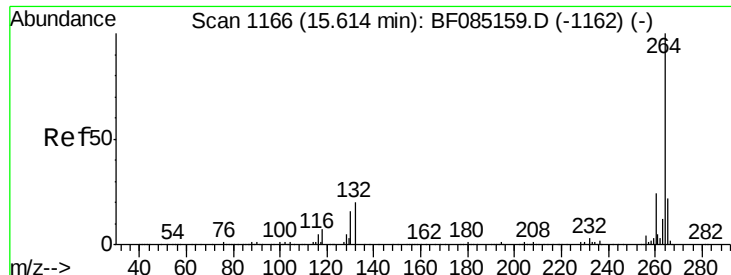


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085232.D
Acq: 5 Mar 2016 4:58

Instrument :
BNA_F
ClientSampleId :
SB-44(22-24)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.2	17.3	25.9

