

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
 Data File : BF085231.D
 Acq On : 5 Mar 2016 4:30
 Operator : SJ/IZ
 Sample : H1686-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-45(27-29)

Quant Time: Mar 07 00:16:56 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

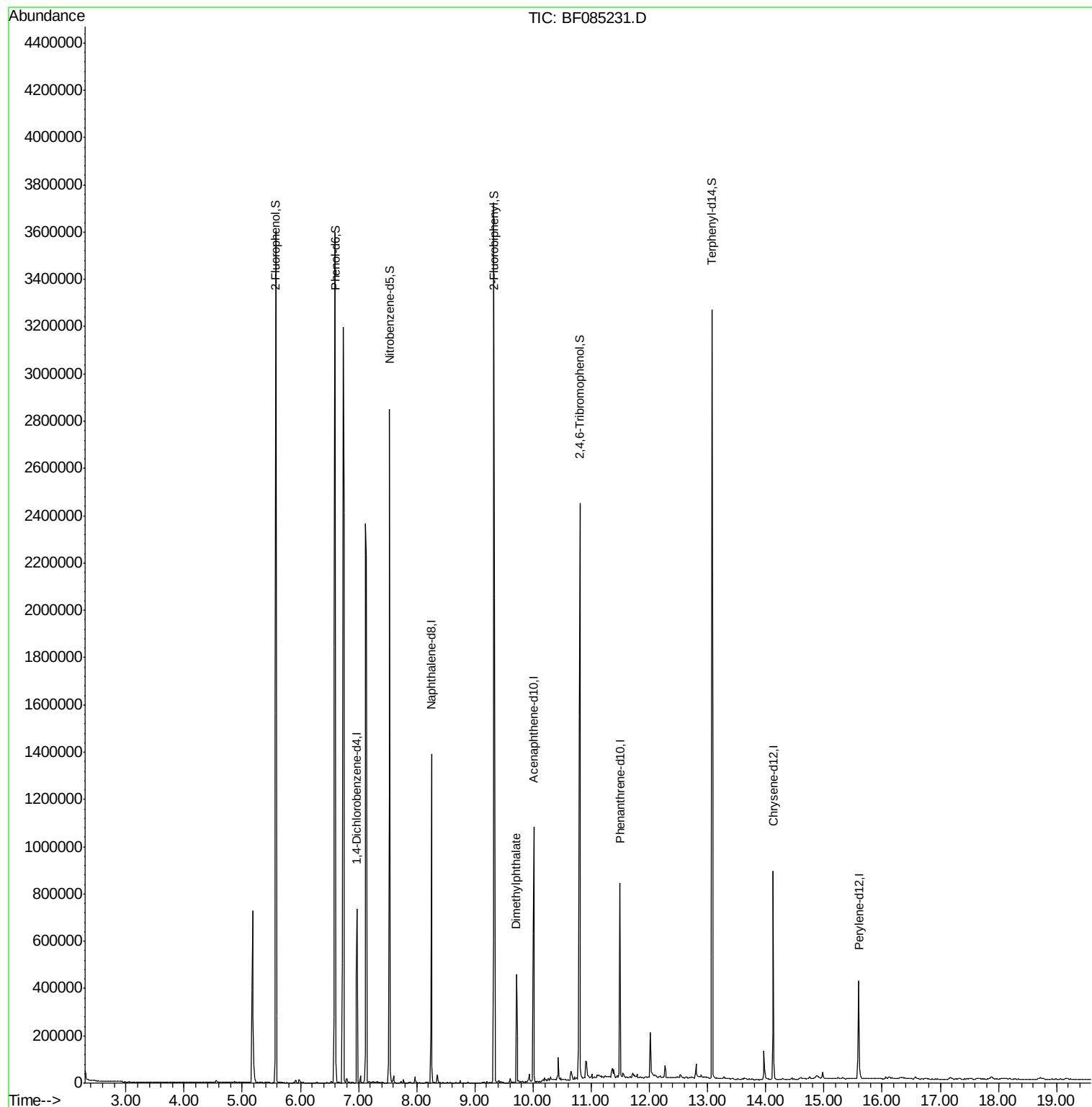
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	140383	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	573743	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	256999	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	450877	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	282830	20.00	ng	-0.02
86) Perylene-d12	15.60	264	224046	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1123891	134.29	ng	0.00
7) Phenol-d6	6.60	99	1479868	134.96	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1015184	94.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	373942	170.05	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1507831	89.23	ng	-0.02
78) Terphenyl-d14	13.08	244	1141305	93.68	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.72	163	202652	10.27	ng	Qvalue # 99

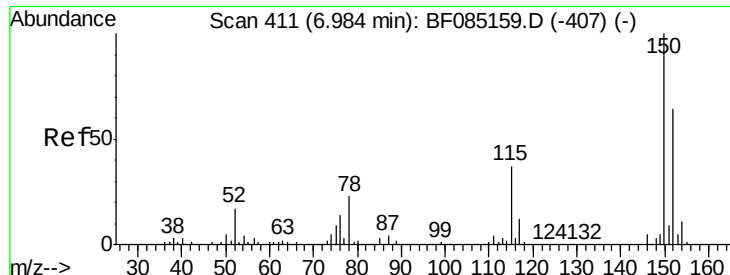
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085231.D

Acq: 5 Mar 2016 4:30

Instrument :

BNA_F

ClientSampleId :

SB-45(27-29)

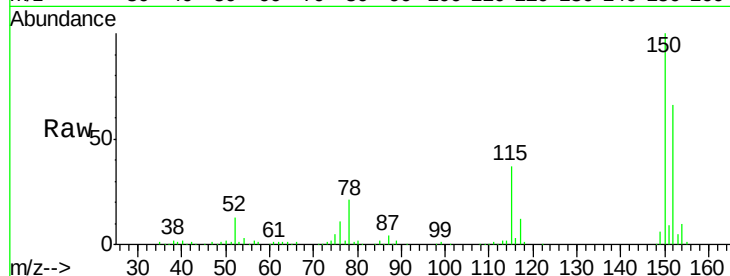
Tot Ion:152 Resp: 140383

Ion Ratio Lower Upper

152 100

150 150.7 124.6 186.8

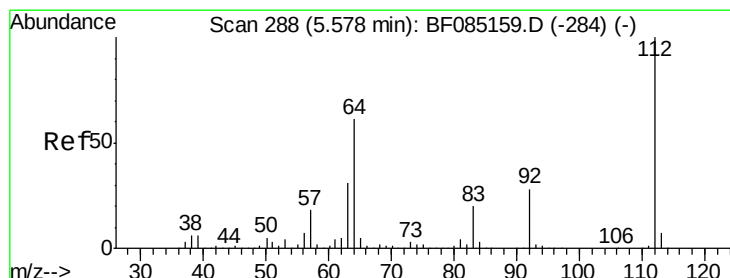
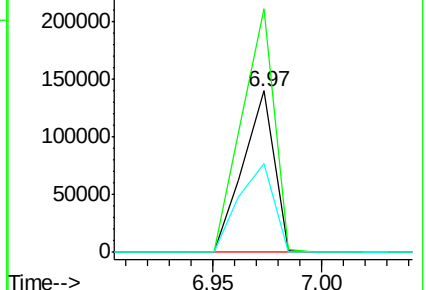
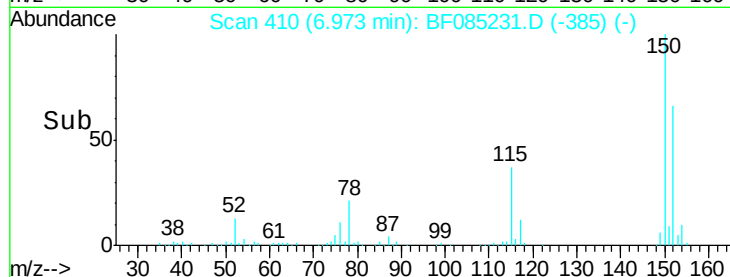
115 55.1 46.6 70.0



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: 134.29 ng

RT: 5.58 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF085231.D

Acq: 5 Mar 2016 4:30

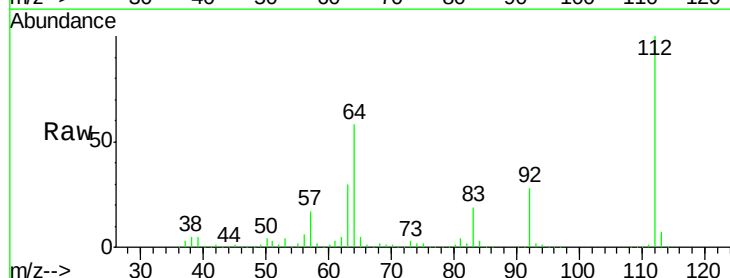
Tgt Ion:112 Resp: 1123891

Ion Ratio Lower Upper

112 100

64 58.4 49.0 73.4

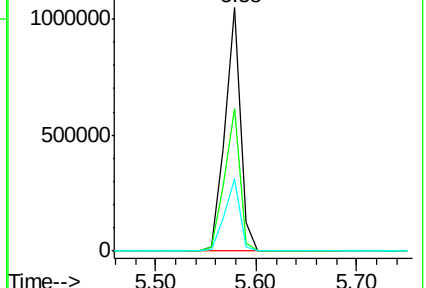
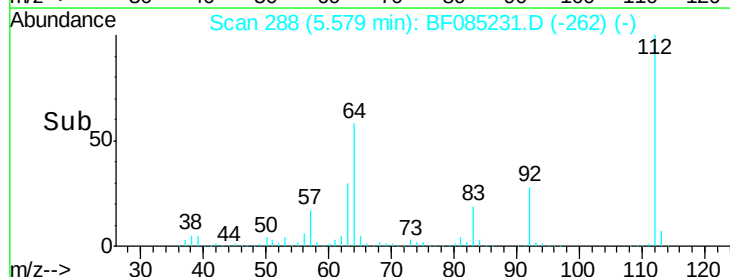
63 29.6 24.8 37.2

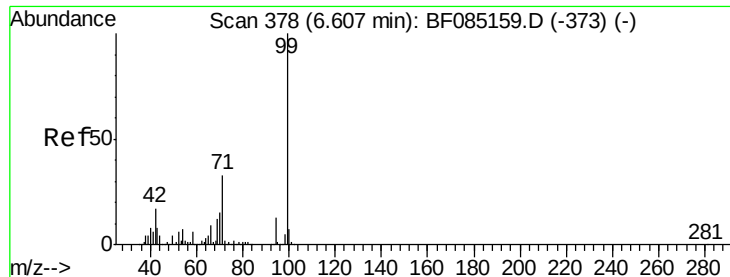


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 134.96 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085231.D

Acq: 5 Mar 2016 4:30

Instrument :

BNA_F

ClientSampleId :

SB-45(27-29)

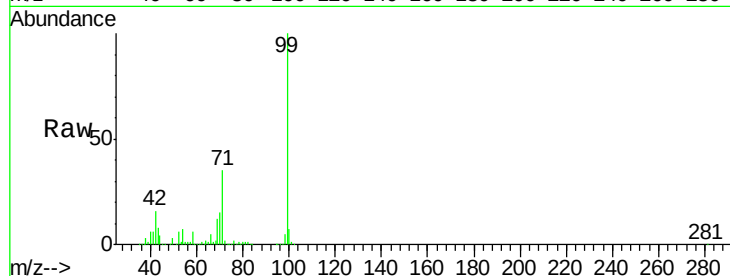
Tot Ion: 99 Resp: 1479868

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

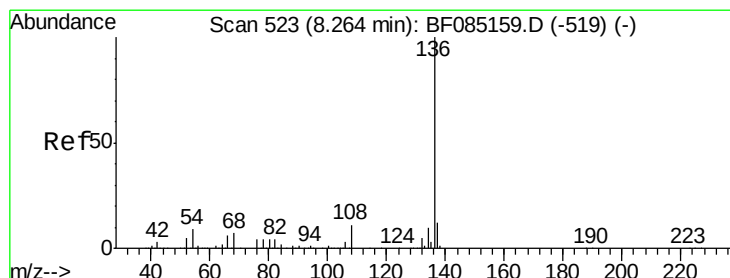
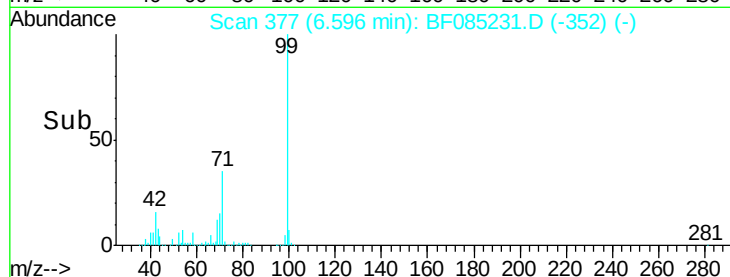
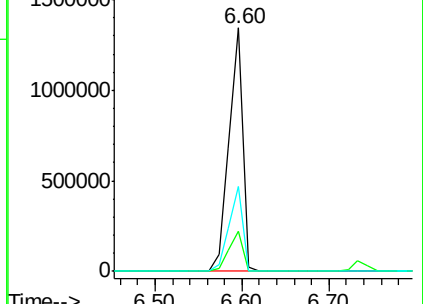
71 34.6 26.7 40.1



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: BF085231.D

Acq: 5 Mar 2016 4:30

Tgt Ion: 136 Resp: 573743

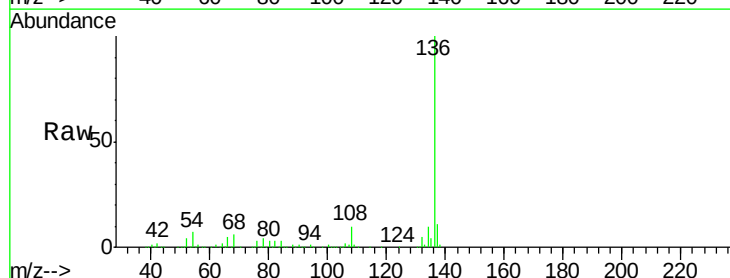
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.1 7.4 11.2#

68 6.0 6.0 9.0

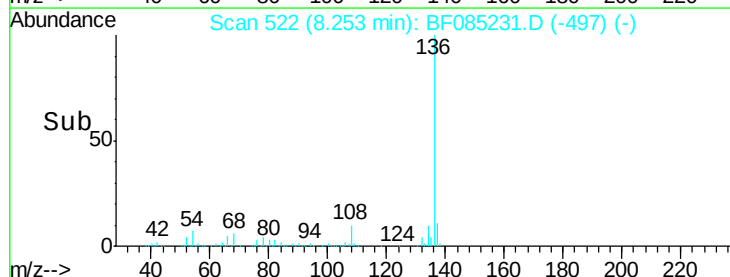
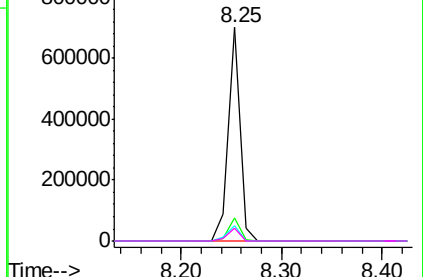


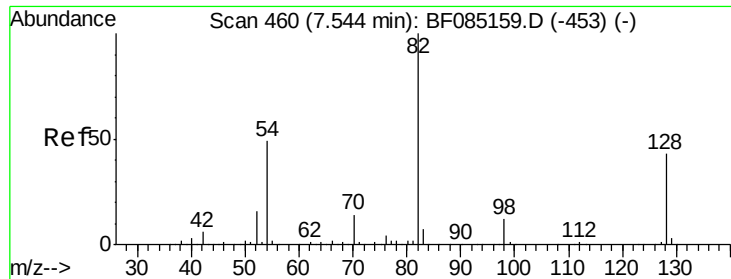
Abundance Ion 136.00 (135.70 to 136.70): E

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

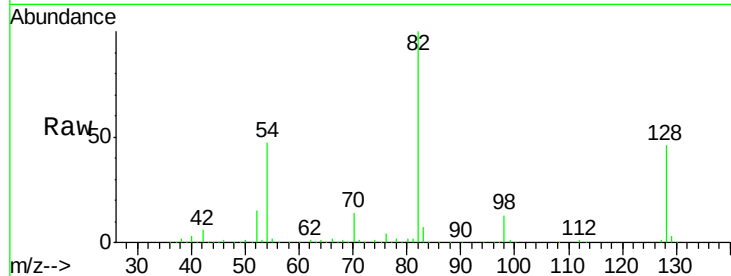




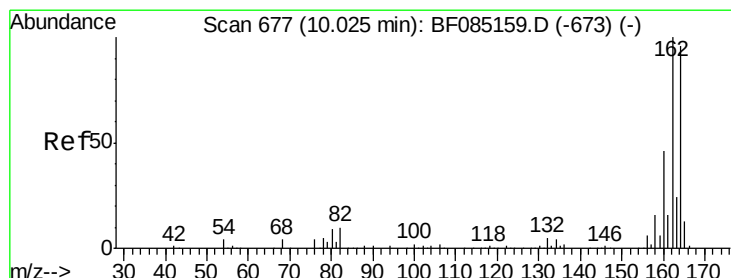
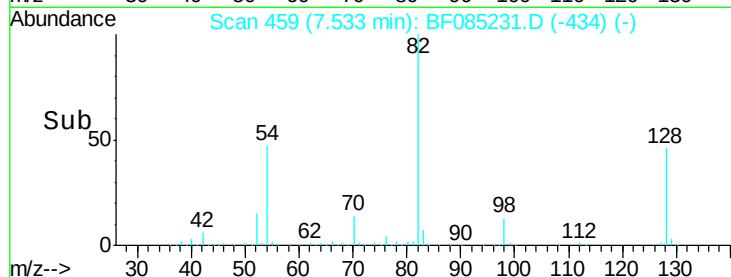
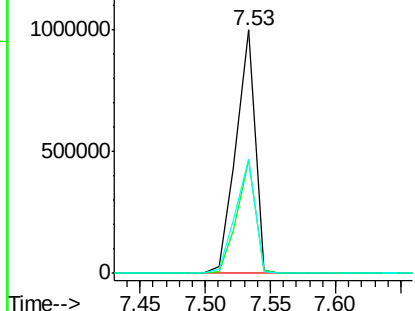
#23
Nitrobenzene-d5
Concen: 94.68 ng
RT: 7.53 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF085231.D
Acq: 5 Mar 2016 4:30

Instrument :
BNA_F
ClientSampleId :
SB-45(27-29)

Tot Ion: 82 Resp: 1015184
Ion Ratio Lower Upper
82 100
128 46.2 34.5 51.7
54 46.8 39.3 58.9

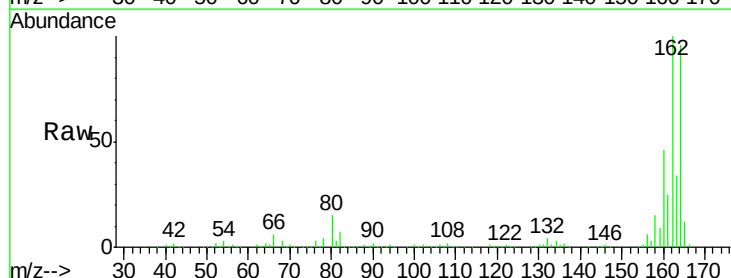


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

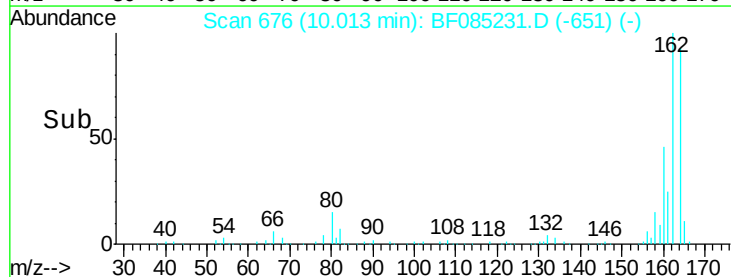
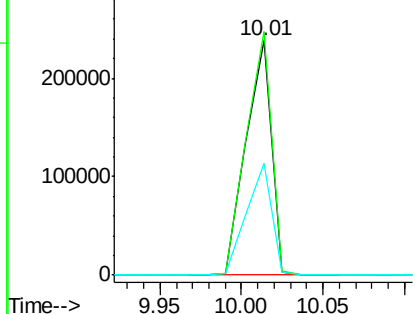


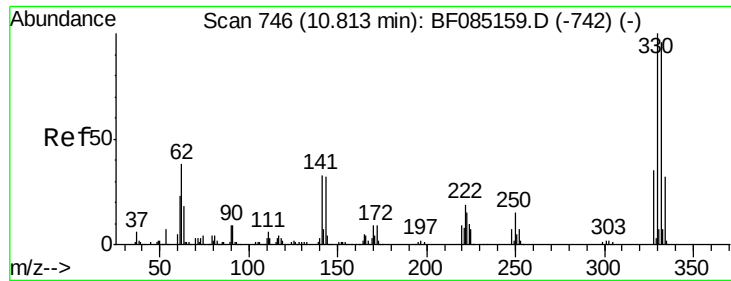
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085231.D
Acq: 5 Mar 2016 4:30

Tgt Ion: 164 Resp: 256999
Ion Ratio Lower Upper
164 100
162 103.8 83.3 124.9
160 47.9 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

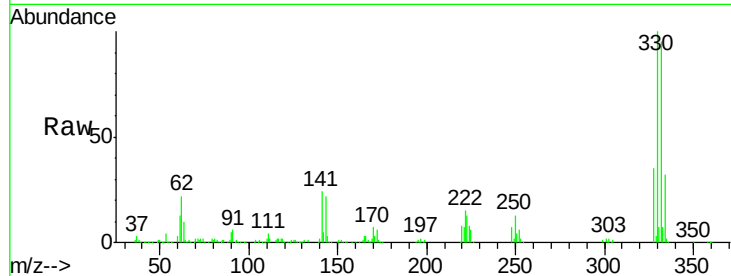




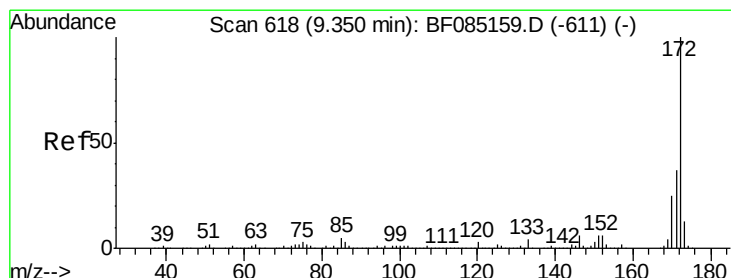
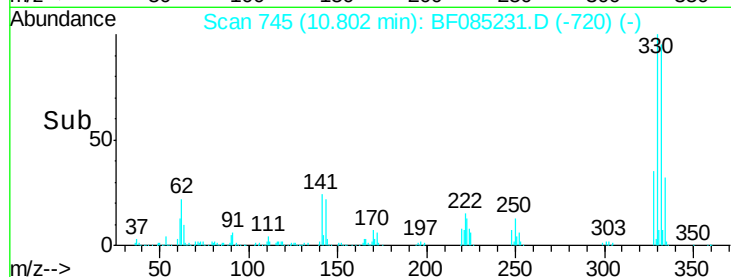
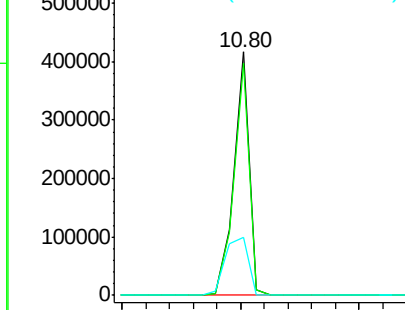
#41
 2,4,6-Tribromophenol
 Concen: 170.05 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085231.D
 Acq: 5 Mar 2016 4:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-45(27-29)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.1	115.7
141	36.1	35.0	52.6

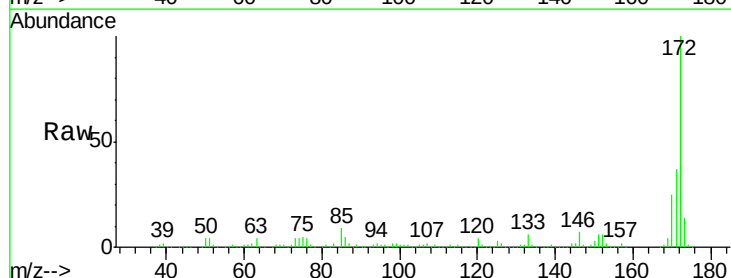


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

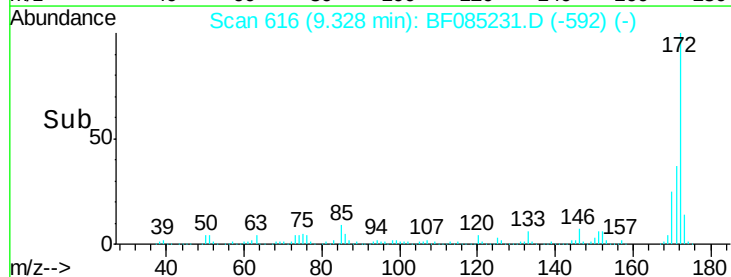
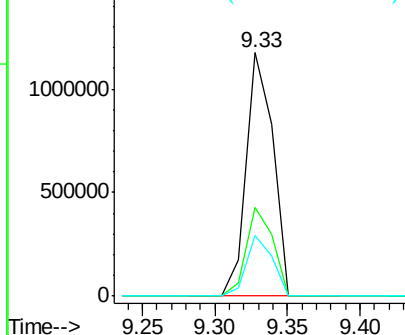


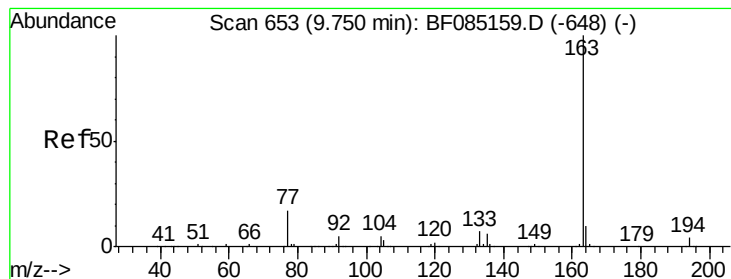
#44
 2-Fluorobiphenyl
 Concen: 89.23 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085231.D
 Acq: 5 Mar 2016 4:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.3	43.9
170	24.9	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: 10.27 ng

RT: 9.72 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF085231.D

Acq: 5 Mar 2016 4:30

Instrument :

BNA_F

ClientSampleId :

SB-45(27-29)

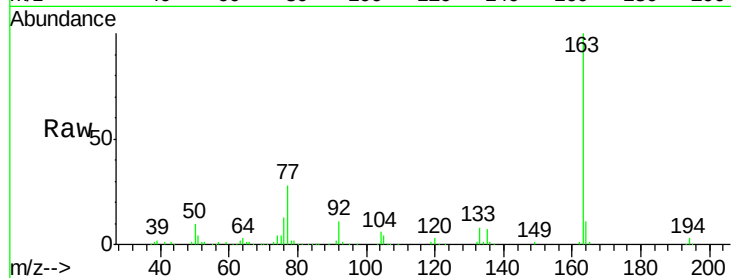
Tot Ion:163 Resp: 202652

Ion Ratio Lower Upper

163 100

194 3.0 3.1 4.7#

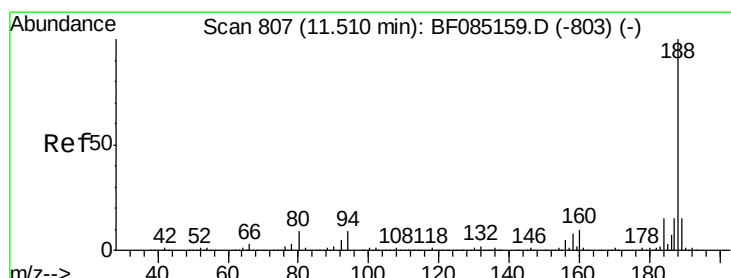
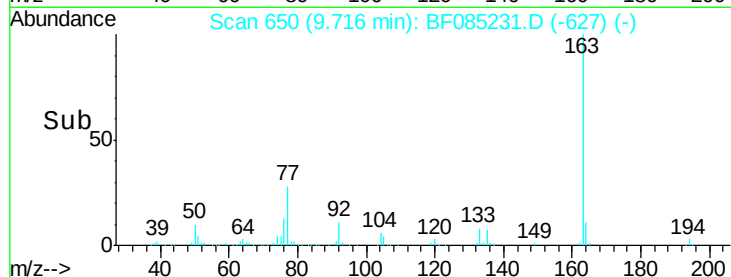
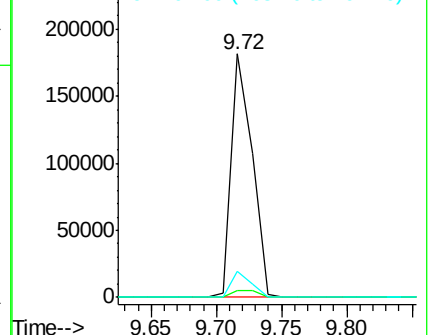
164 10.7 8.2 12.4



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: BF085231.D

Acq: 5 Mar 2016 4:30

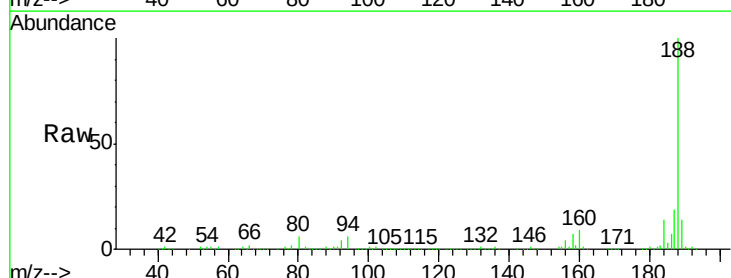
Tgt Ion:188 Resp: 450877

Ion Ratio Lower Upper

188 100

94 6.3 7.0 10.6#

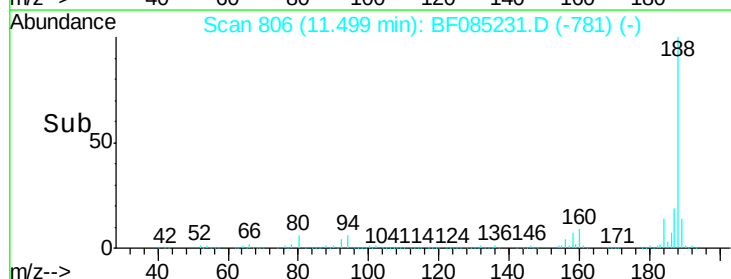
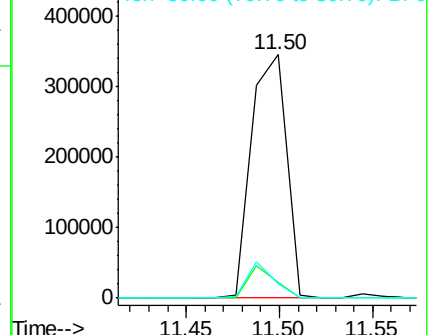
80 6.1 7.4 11.0#

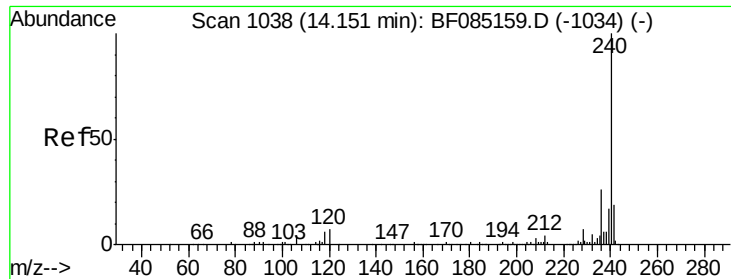


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF085231.D

Acq: 5 Mar 2016 4:30

Instrument :

BNA_F

ClientSampleId :

SB-45(27-29)

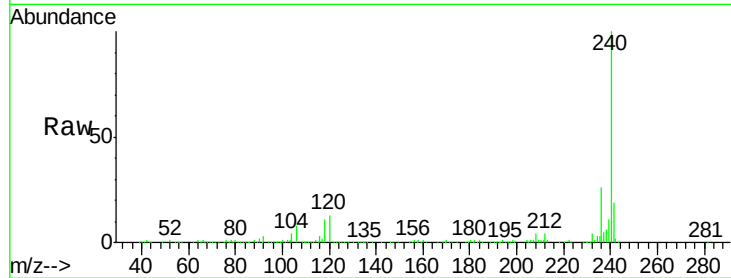
Tot Ion:240 Resp: 282830

Ion Ratio Lower Upper

240 100

120 12.5 5.3 7.9#

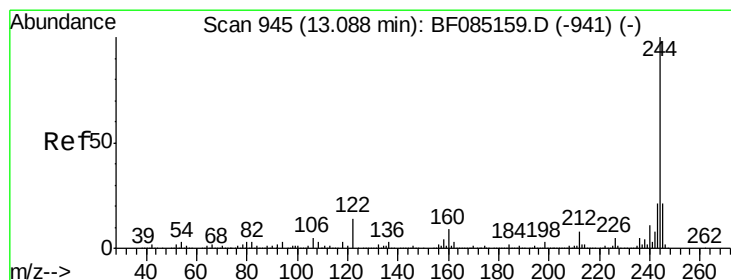
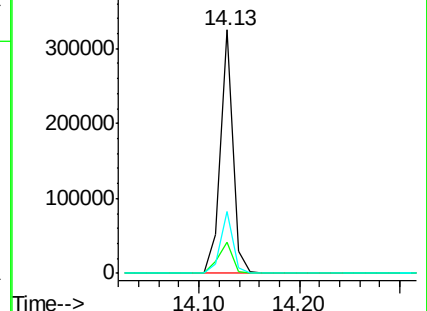
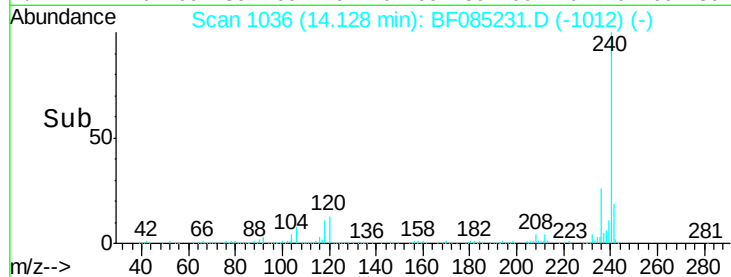
236 25.6 20.7 31.1



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: 93.68 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085231.D

Acq: 5 Mar 2016 4:30

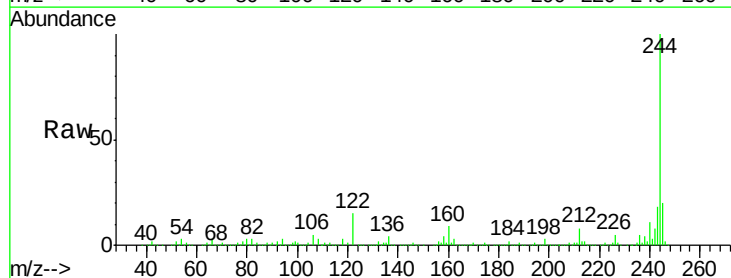
Tgt Ion:244 Resp: 1141305

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

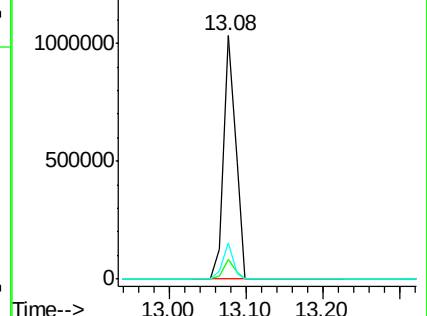
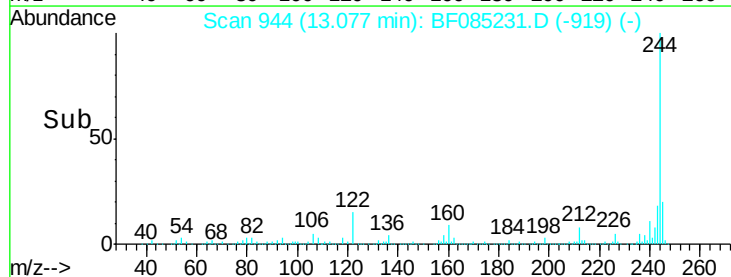
122 14.8 11.4 17.2

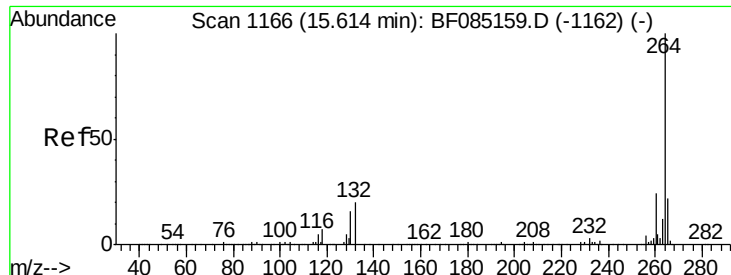


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

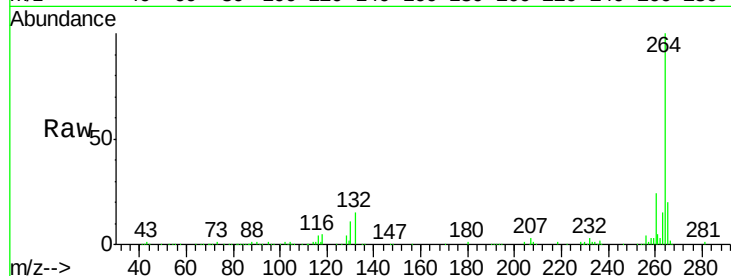




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085231.D
Acq: 5 Mar 2016 4:30

Instrument :
BNA_F
ClientSampleId :
SB-45(27-29)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.3	17.3	25.9



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

