

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
 Data File : BF085197.D
 Acq On : 4 Mar 2016 10:48
 Operator : SJ/IZ
 Sample : H1663-01 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-44(9-11)

Quant Time: Mar 04 13:56:56 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

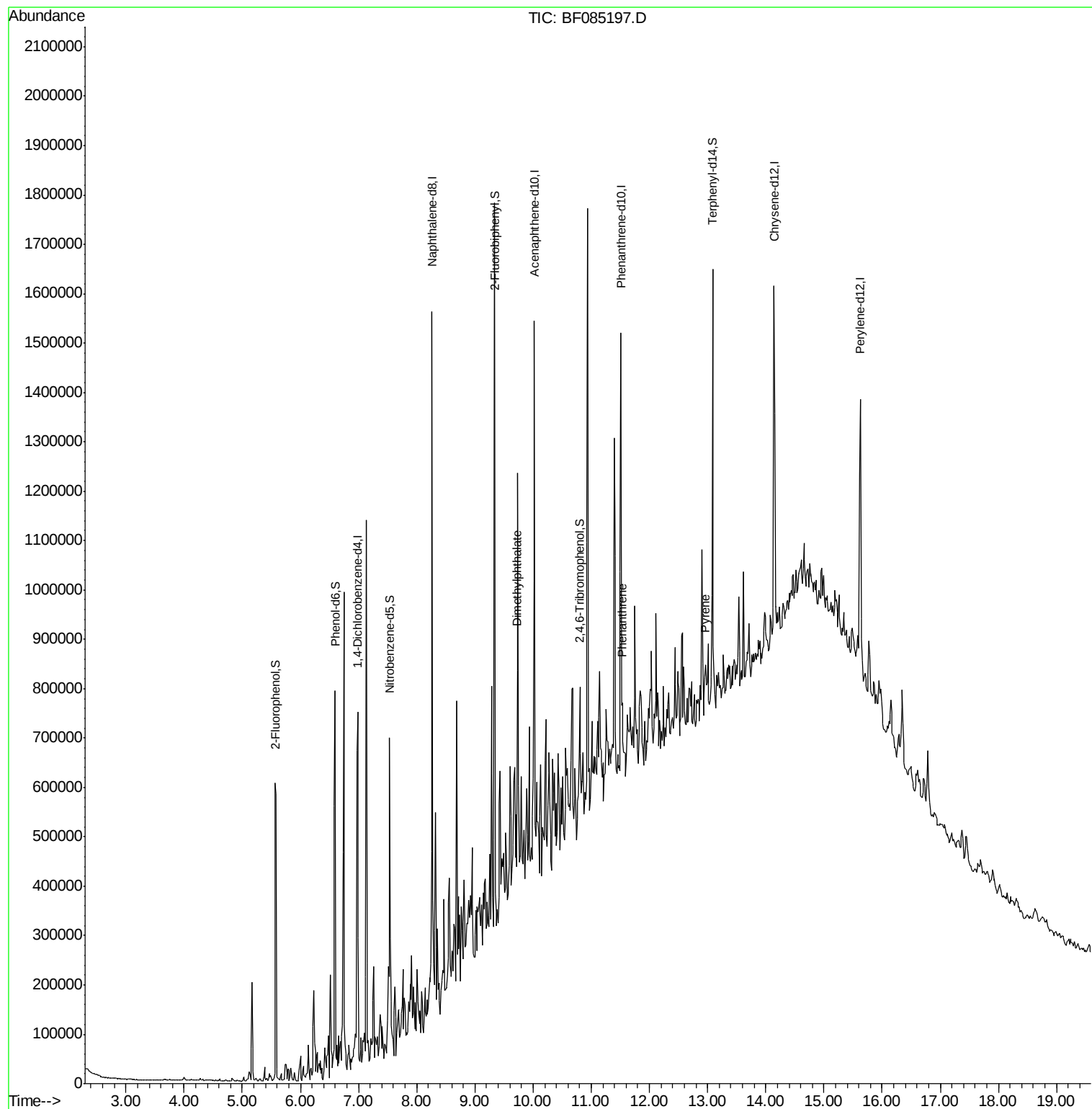
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	144968	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	567559	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	226502	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	355143	20.00	ng	0.00
75) Chrysene-d12	14.14	240	288373	20.00	ng	-0.01
86) Perylene-d12	15.63	264	292282	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	257515	29.80	ng	0.00
7) Phenol-d6	6.60	99	360222	31.81	ng	-0.01
23) Nitrobenzene-d5	7.53	82	204285	19.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	29265	15.10	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	396072	26.59	ng	-0.01
78) Terphenyl-d14	13.09	244	249965	20.12	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.73	163	36275	2.09	ng	# 90
70) Phenanthrene	11.53	178	58383	3.14	ng	# 93
77) Pyrene	12.95	202	45783	2.11	ng	# 93

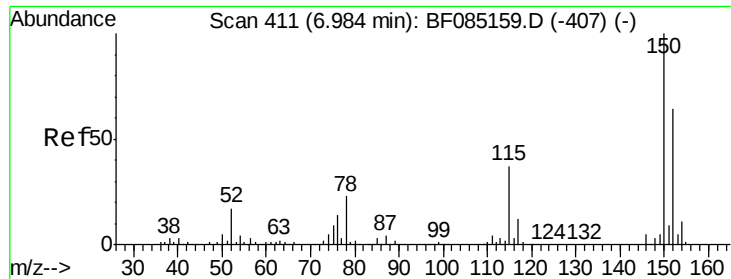
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF085197.D

Acq: 4 Mar 2016 10:48

Instrument :

BNA_F

ClientSampleId :

SB-44(9-11)

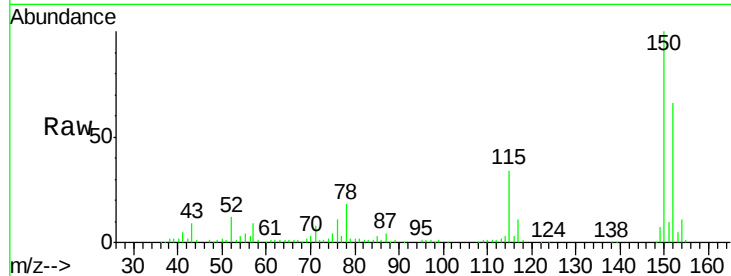
Tgt Ion:152 Resp: 144968

Ion Ratio Lower Upper

152 100

150 152.3 124.6 186.8

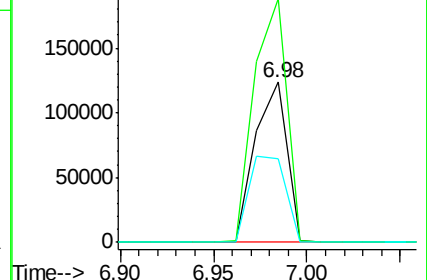
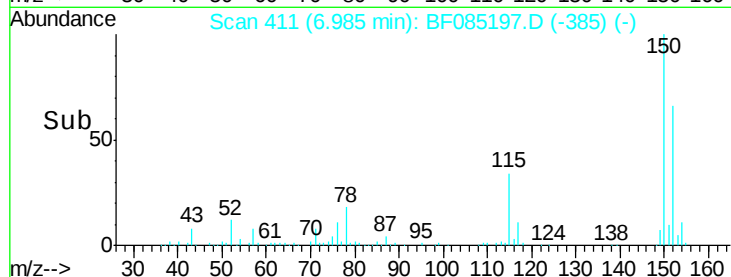
115 52.4 46.6 70.0



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: 29.80 ng

RT: 5.58 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF085197.D

Acq: 4 Mar 2016 10:48

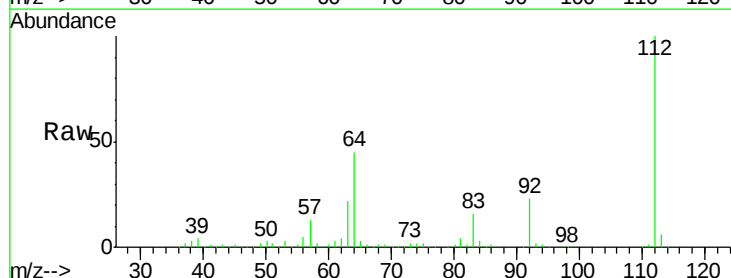
Tgt Ion:112 Resp: 257515

Ion Ratio Lower Upper

112 100

64 44.9 49.0 73.4#

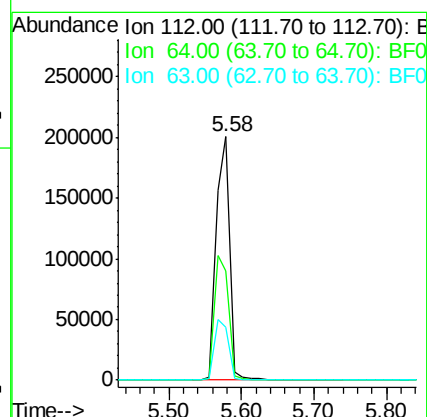
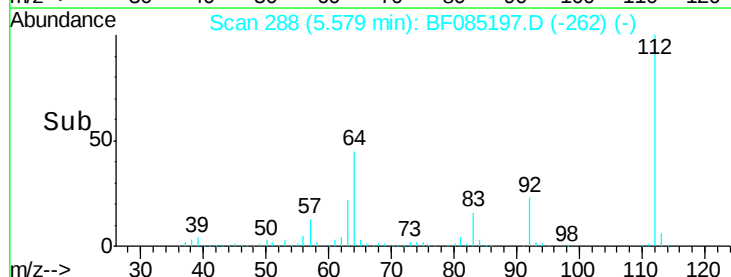
63 21.8 24.8 37.2#



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: 31.81 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085197.D

Acq: 4 Mar 2016 10:48

Instrument :

BNA_F

ClientSampleId :

SB-44(9-11)

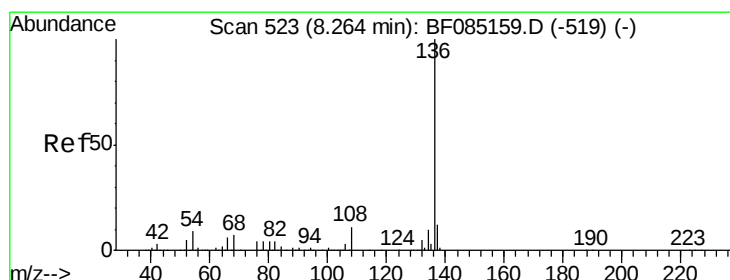
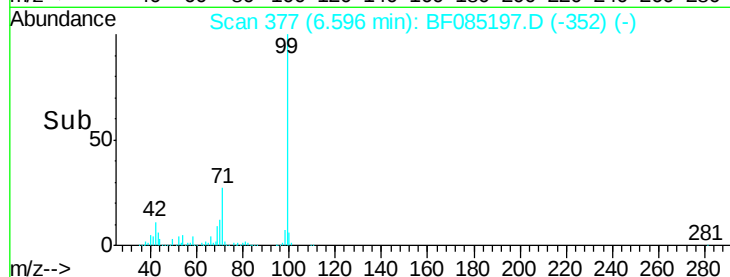
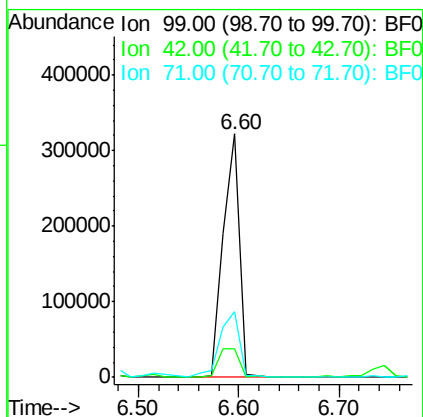
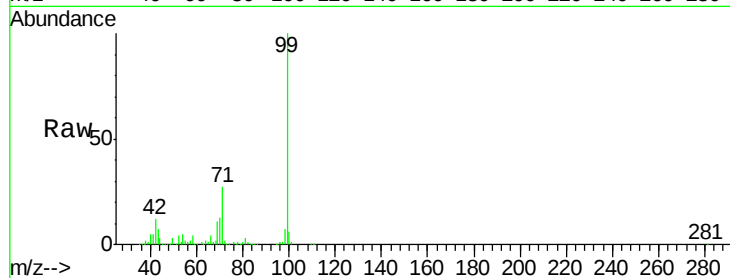
Tgt Ion: 99 Resp: 360222

Ion Ratio Lower Upper

99 100

42 11.6 13.6 20.4#

71 27.0 26.7 40.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF085197.D

Acq: 4 Mar 2016 10:48

Tgt Ion: 136 Resp: 567559

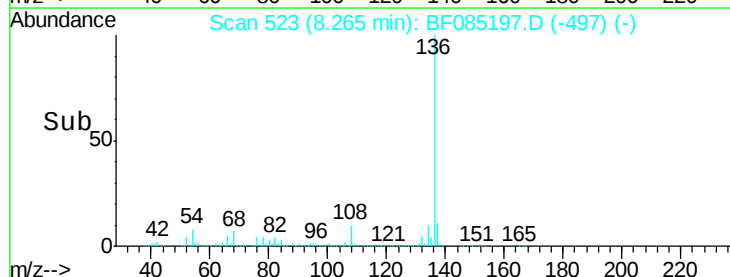
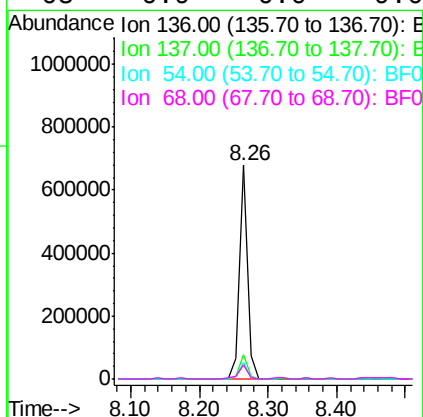
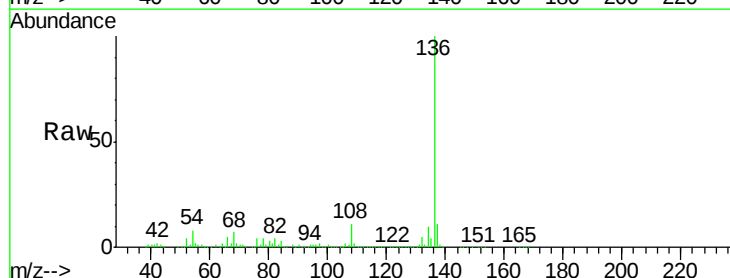
Ion Ratio Lower Upper

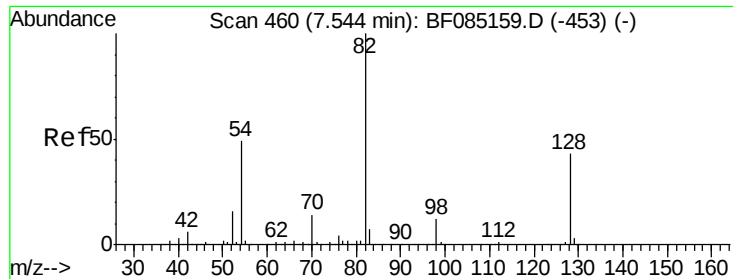
136 100

137 11.4 9.3 13.9

54 7.9 7.4 11.2

68 6.9 6.0 9.0

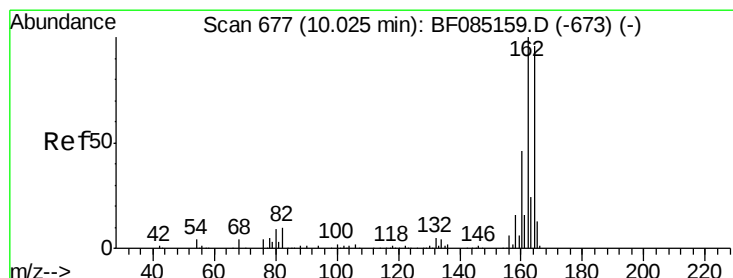
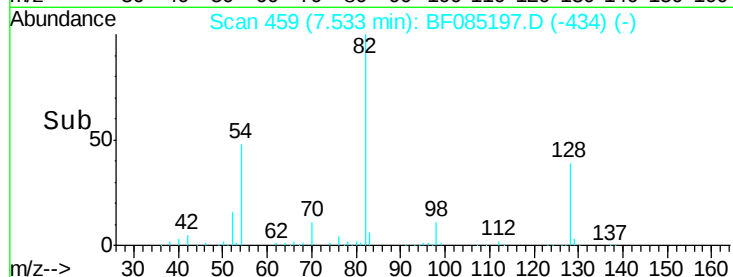
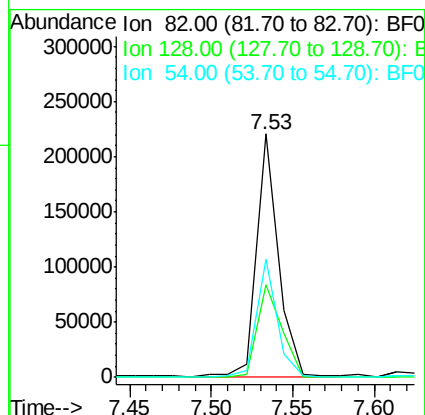
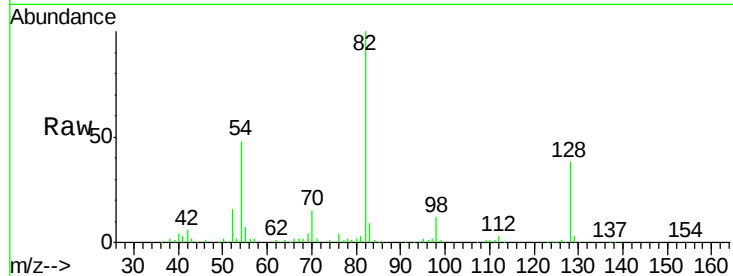




#23
 Nitrobenzene-d5
 Concen: 19.26 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF085197.D
 Acq: 4 Mar 2016 10:48

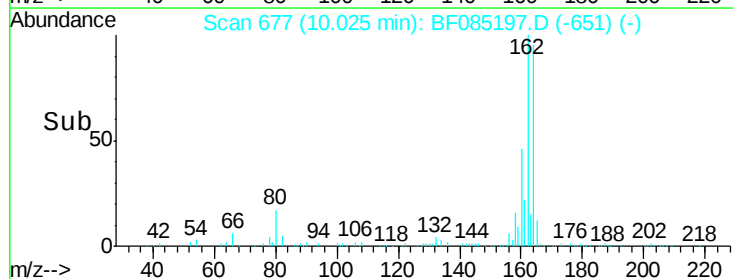
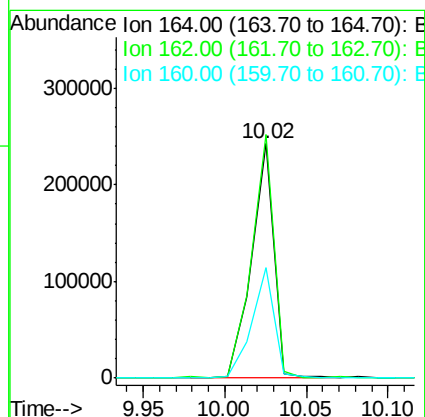
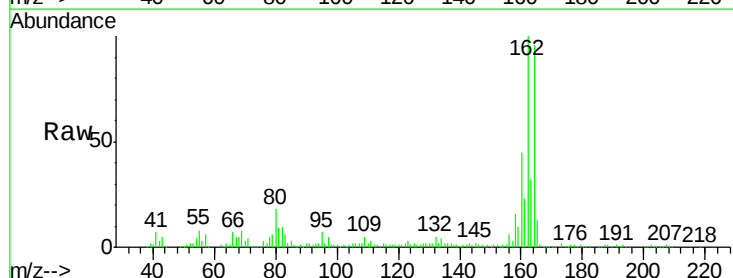
Instrument :
 BNA_F
 ClientSampleId :
 SB-44(9-11)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.3	34.5	51.7
54	48.4	39.3	58.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.02 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF085197.D
 Acq: 4 Mar 2016 10:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.3	124.9
160	47.3	37.9	56.9

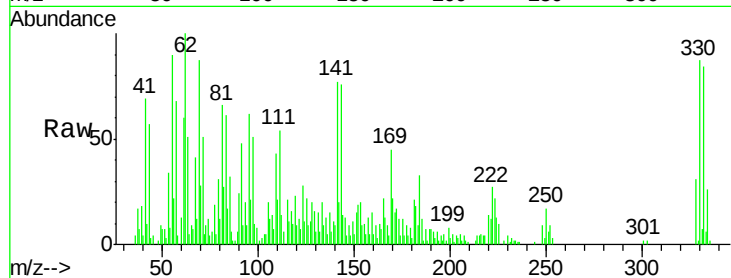




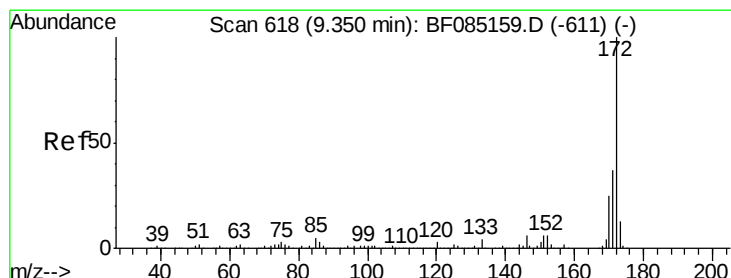
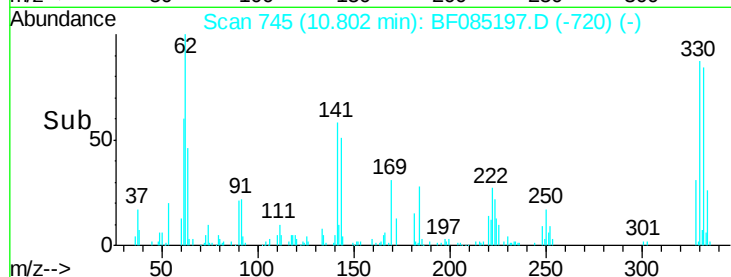
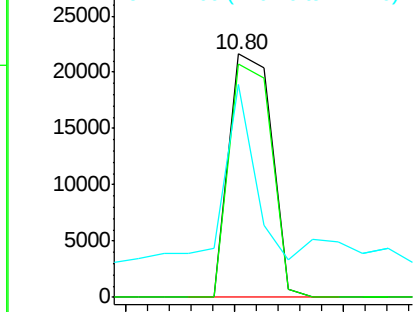
#41
 2,4,6-Tribromophenol
 Concen: 15.10 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085197.D
 Acq: 4 Mar 2016 10:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-44(9-11)

Tgt Ion:330 Resp: 29265
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.1 115.7
 141 49.5 35.0 52.6

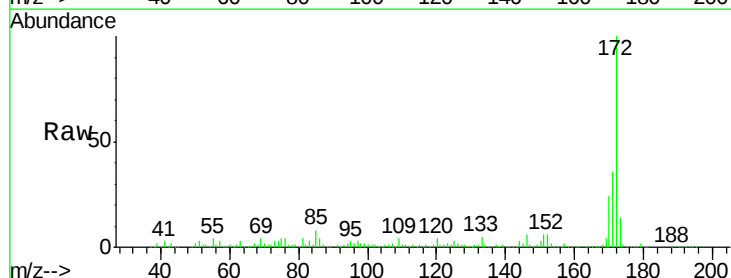


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

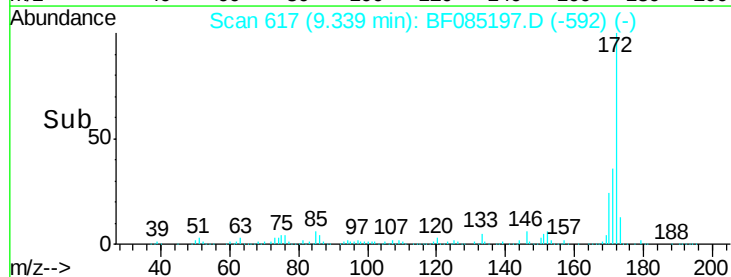
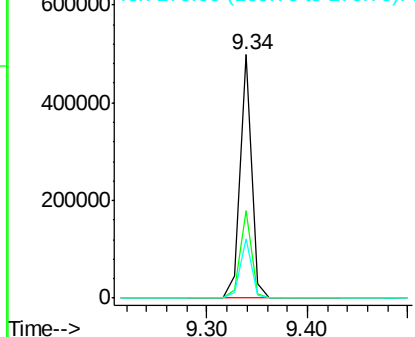


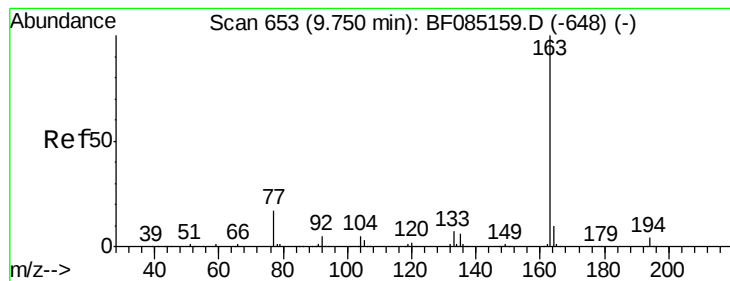
#44
 2-Fluorobiphenyl
 Concen: 26.59 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085197.D
 Acq: 4 Mar 2016 10:48

Tgt Ion:172 Resp: 396072
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.3 43.9
 170 24.2 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: 2.09 ng

RT: 9.73 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF085197.D

Acq: 4 Mar 2016 10:48

Instrument :

BNA_F

ClientSampleId :

SB-44(9-11)

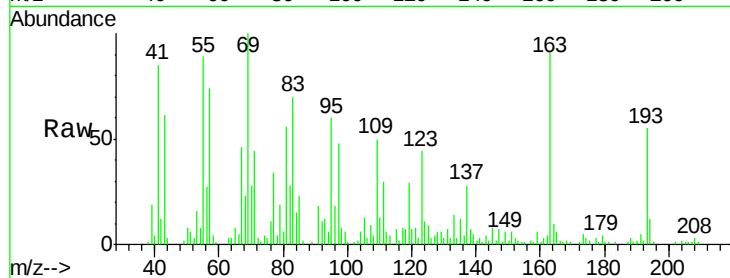
Tgt Ion:163 Resp: 36275

Ion Ratio Lower Upper

163 100

194 13.6 3.1 4.7#

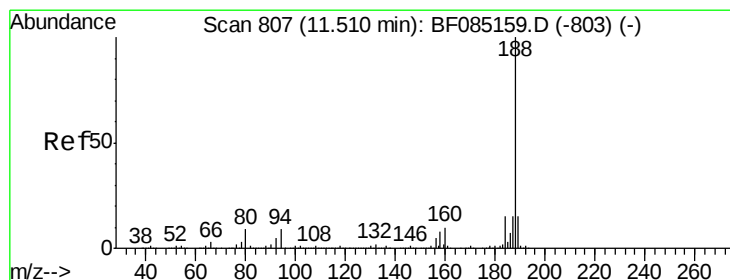
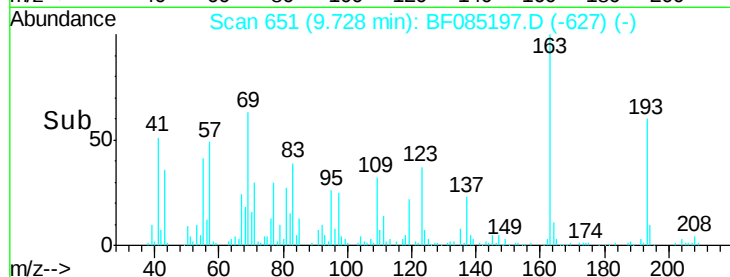
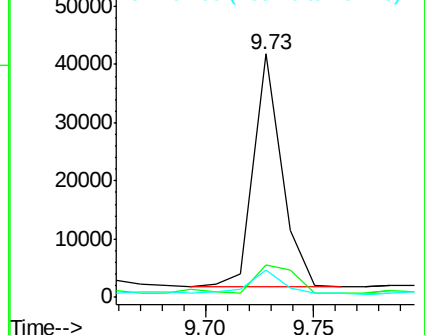
164 11.4 8.2 12.4



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: 11.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF085197.D

Acq: 4 Mar 2016 10:48

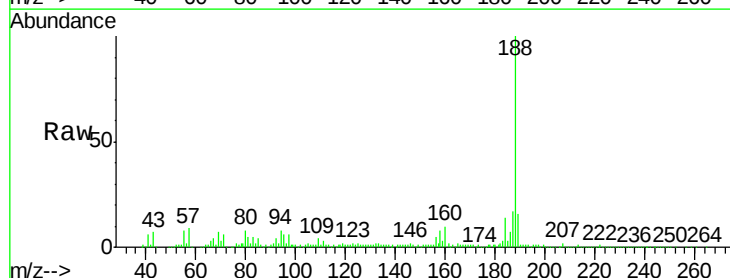
Tgt Ion:188 Resp: 355143

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.6

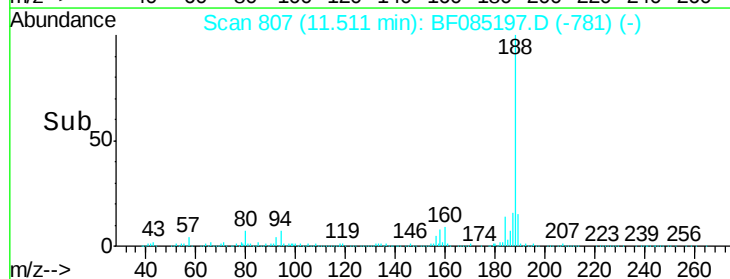
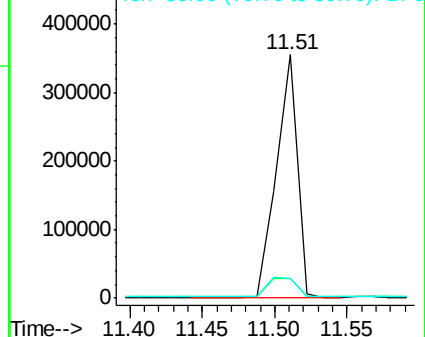
80 8.1 7.4 11.0

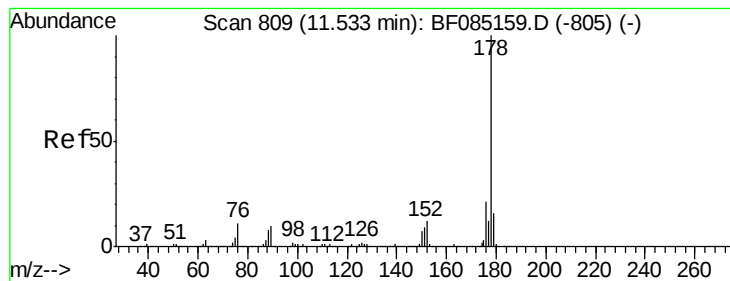


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 3.14 ng

RT: 11.53 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF085197.D

Acq: 4 Mar 2016 10:48

Instrument :

BNA_F

ClientSampleId :

SB-44(9-11)

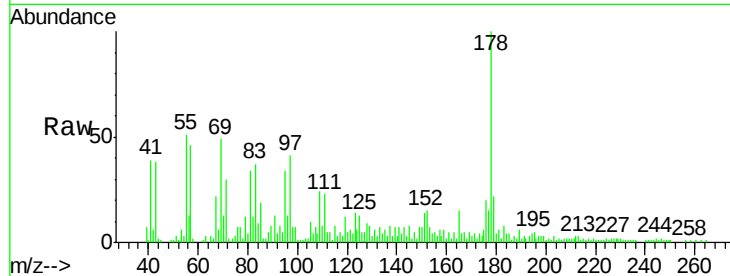
Tgt Ion:178 Resp: 58383

Ion Ratio Lower Upper

178 100

176 20.0 16.8 25.2

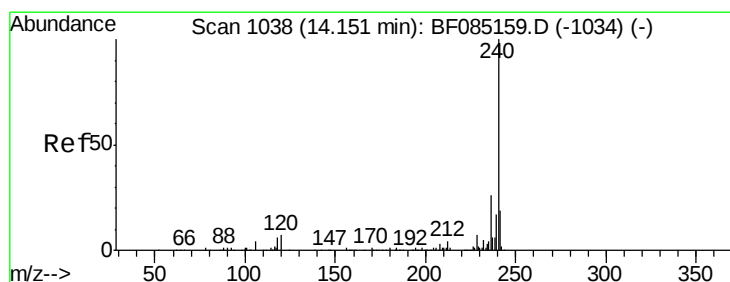
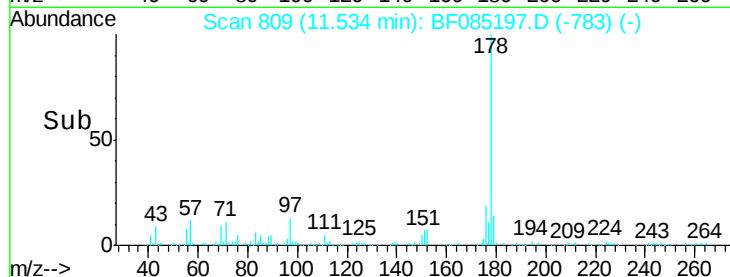
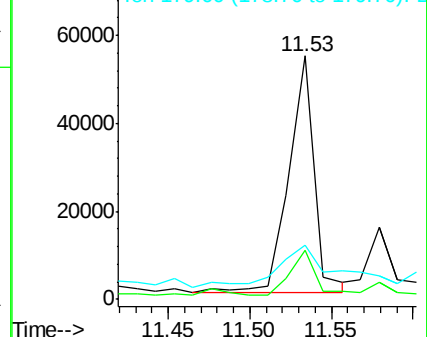
179 22.4 13.1 19.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.14 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF085197.D

Acq: 4 Mar 2016 10:48

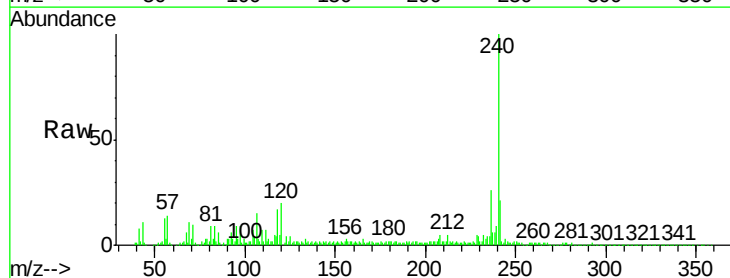
Tgt Ion:240 Resp: 288373

Ion Ratio Lower Upper

240 100

120 20.1 5.3 7.9#

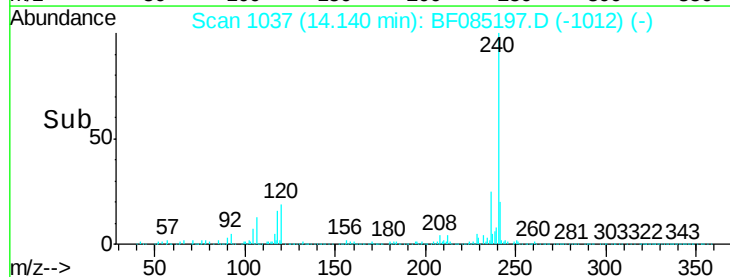
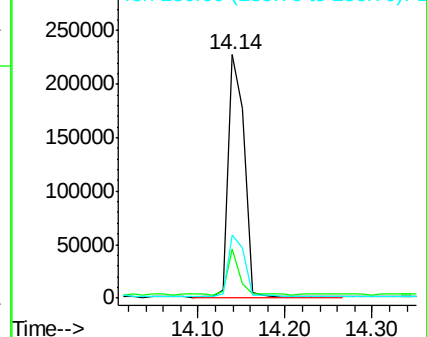
236 25.9 20.7 31.1

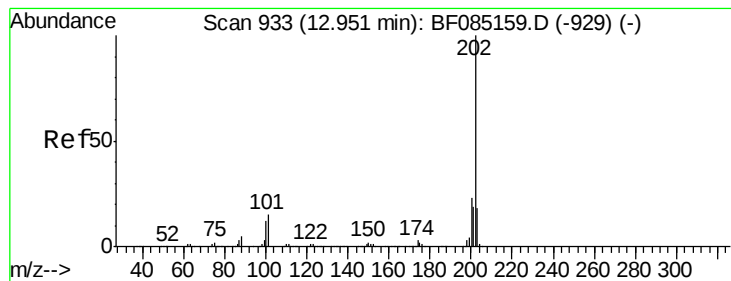


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 2.11 ng

RT: 12.95 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF085197.D

Acq: 4 Mar 2016 10:48

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SB-44(9-11)

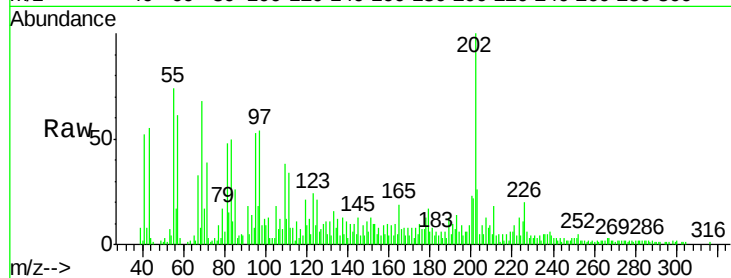
Tgt Ion:202 Resp: 45783

Ion Ratio Lower Upper

202 100

200 22.6 18.2 27.4

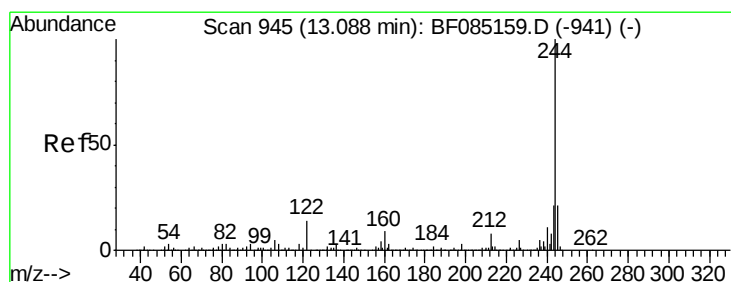
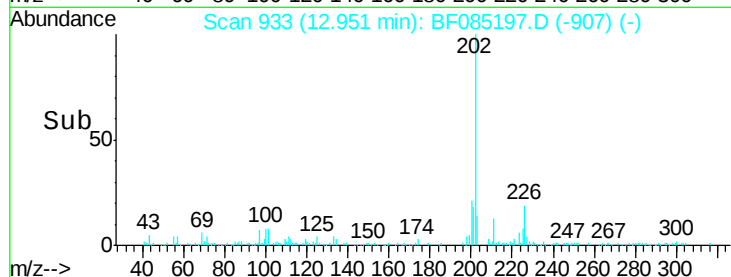
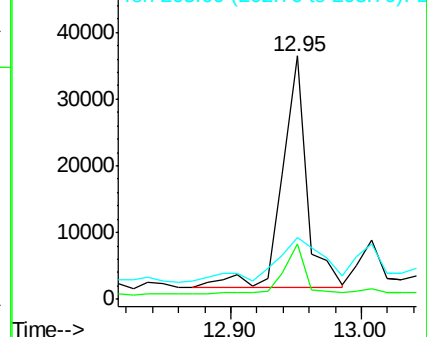
203 25.5 14.7 22.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 20.12 ng

RT: 13.09 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF085197.D

Acq: 4 Mar 2016 10:48

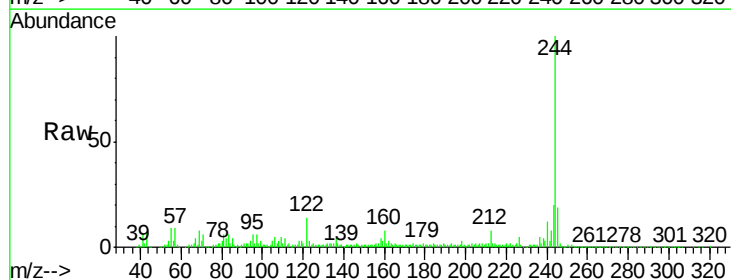
Tgt Ion:244 Resp: 249965

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

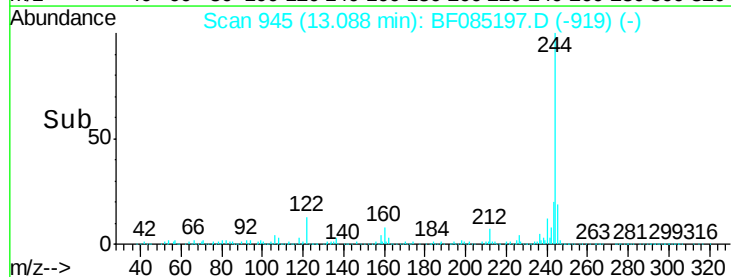
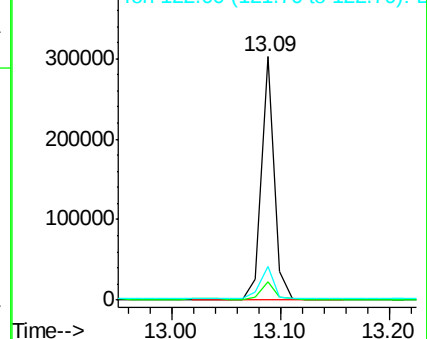
122 13.7 11.4 17.2

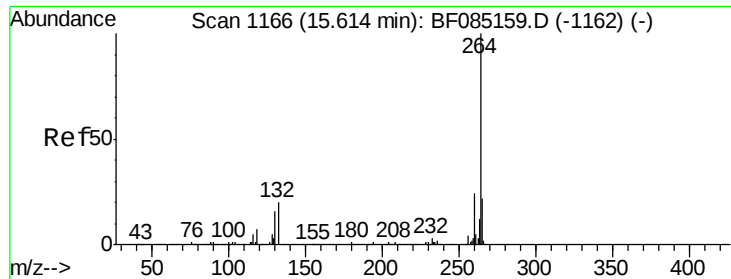


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF085197.D
Acq: 4 Mar 2016 10:48

Instrument :
BNA_F
ClientSampleId :
SB-44(9-11)

Tgt Ion: 264 Resp: 292282
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 22.3 17.3 25.9

