

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
 Data File : BF085305.D
 Acq On : 9 Mar 2016 18:12
 Operator : UM/SJ
 Sample : PB88789BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88789BL

Quant Time: Mar 10 00:27:35 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	6.95	152	163760	20.00	ng	-0.03
21) Naphthalene-d8	8.23	136	706961	20.00	ng	-0.03
38) Acenaphthene-d10	9.99	164	302517	20.00	ng	-0.03
63) Phenanthrene-d10	11.48	188	619629	20.00	ng	-0.03
75) Chrysene-d12	14.12	240	497984	20.00	ng	-0.03
86) Perylene-d12	15.57	264	291879	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1183412	121.22	ng	-0.02
7) Phenol-d6	6.57	99	1361020	106.41	ng	-0.03
23) Nitrobenzene-d5	7.51	82	993725	75.22	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	259168	100.12	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1610672	80.97	ng	-0.05
78) Terphenyl-d14	13.06	244	1721855	80.27	ng	-0.02

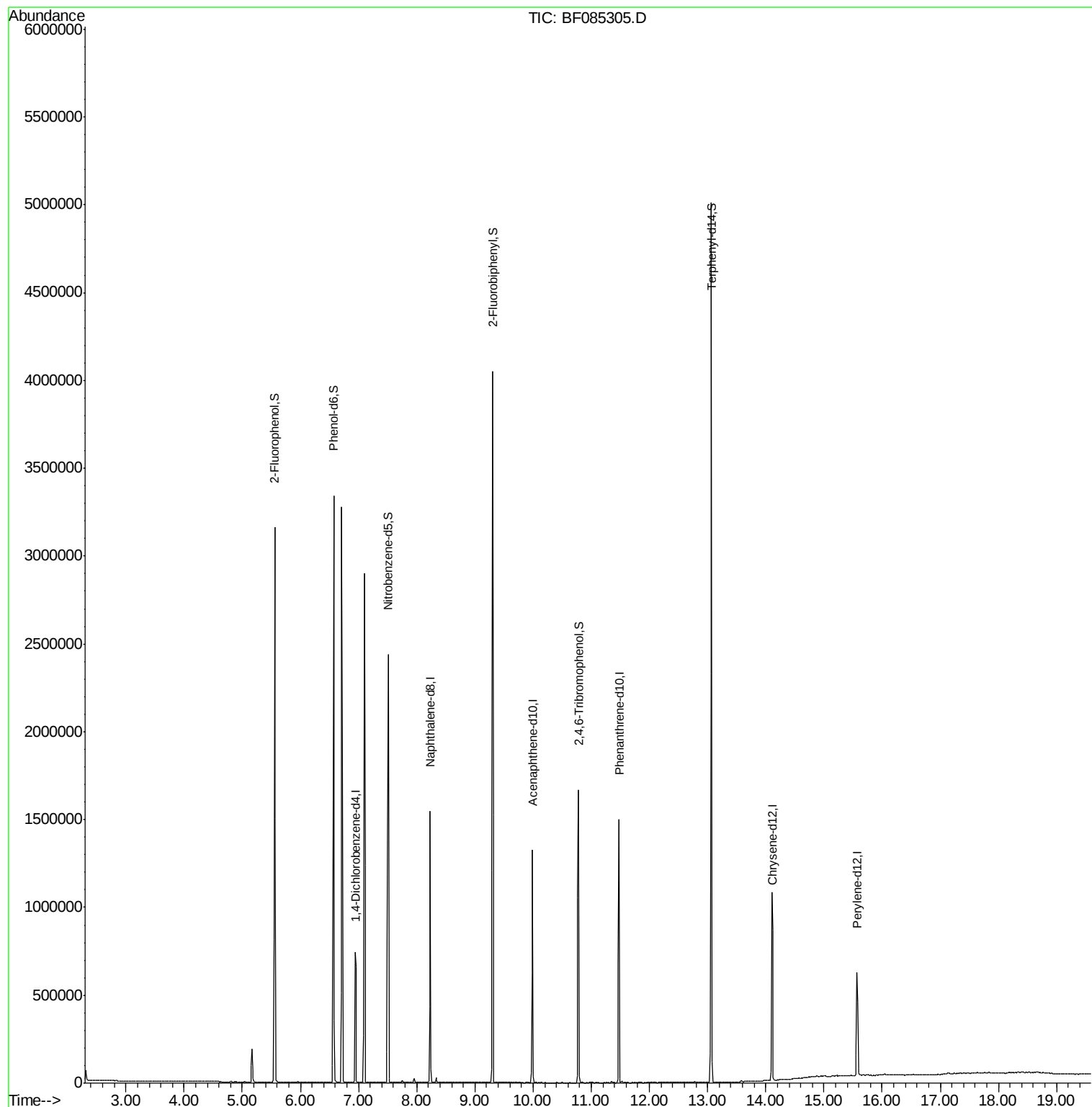
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF085305.D

Acq: 9 Mar 2016 18:12

Instrument :

BNA_F

ClientSampled :

PB88789BL

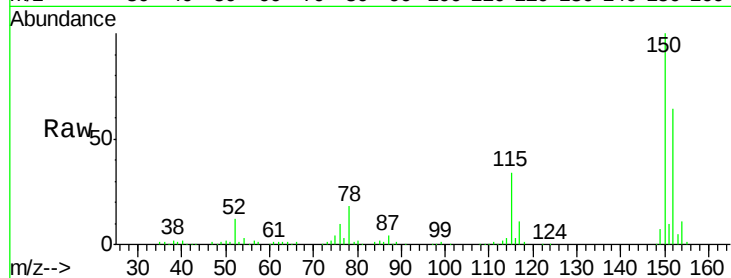
Tgt Ion:152 Resp: 163760

Ion Ratio Lower Upper

152 100

150 155.5 124.6 186.8

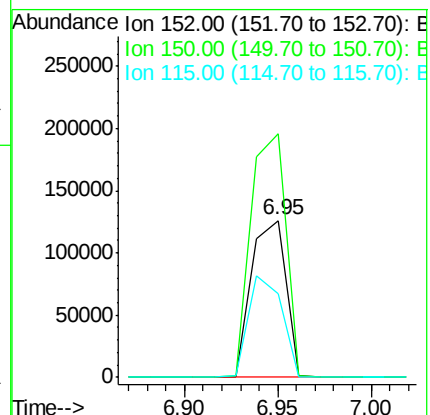
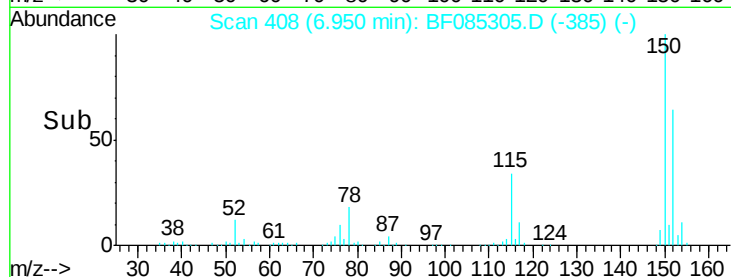
115 53.2 46.6 70.0



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: 121.22 ng

RT: 5.56 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF085305.D

Acq: 9 Mar 2016 18:12

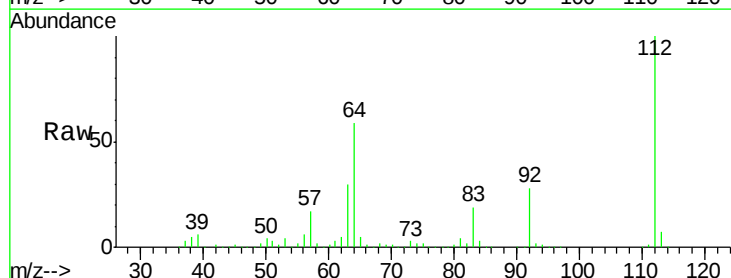
Tgt Ion:112 Resp: 1183412

Ion Ratio Lower Upper

112 100

64 58.9 49.0 73.4

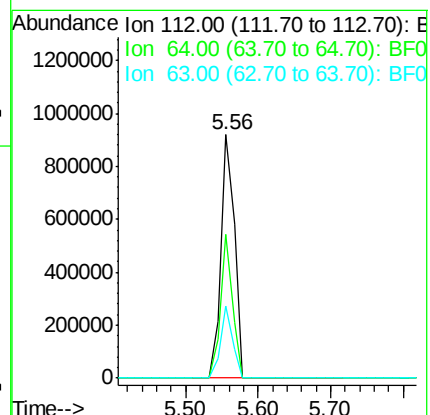
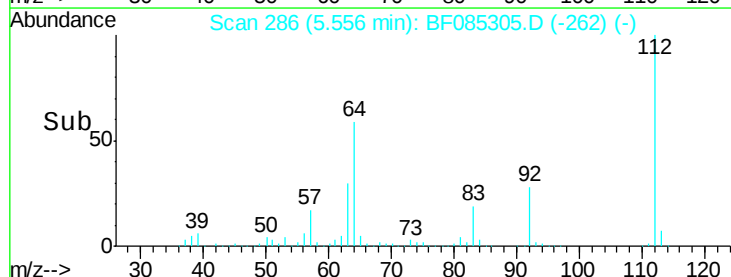
63 29.6 24.8 37.2

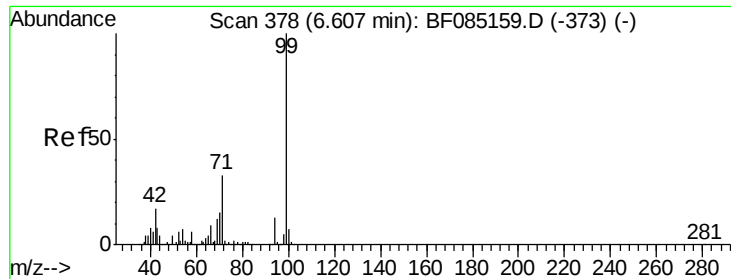


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.41 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF085305.D

Acq: 9 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB88789BL

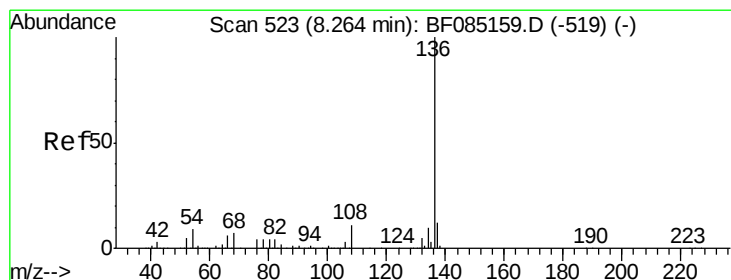
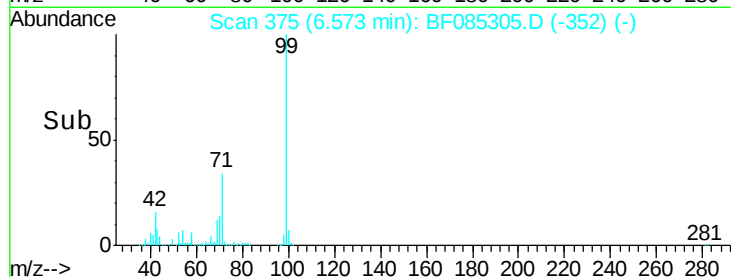
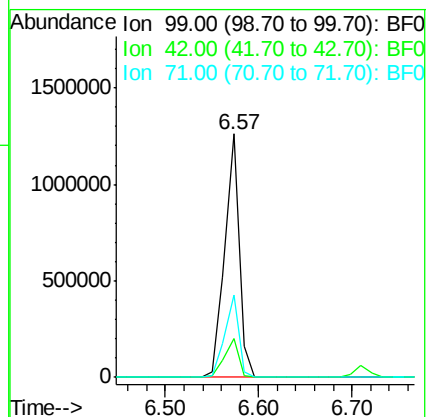
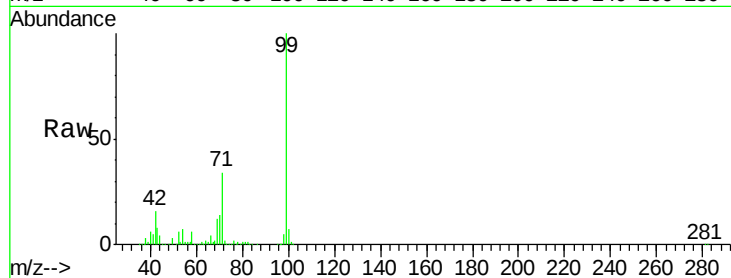
Tgt Ion: 99 Resp: 1361020

Ion Ratio Lower Upper

99 100

42 16.0 13.6 20.4

71 34.0 26.7 40.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF085305.D

Acq: 9 Mar 2016 18:12

Tgt Ion: 136 Resp: 706961

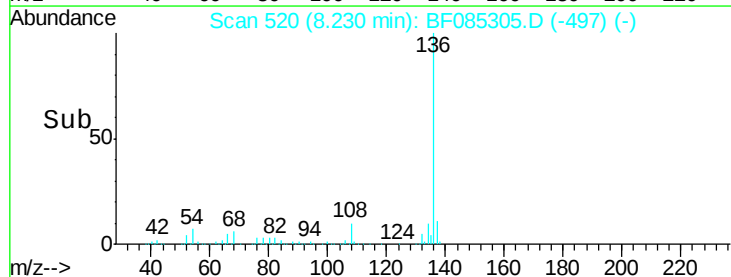
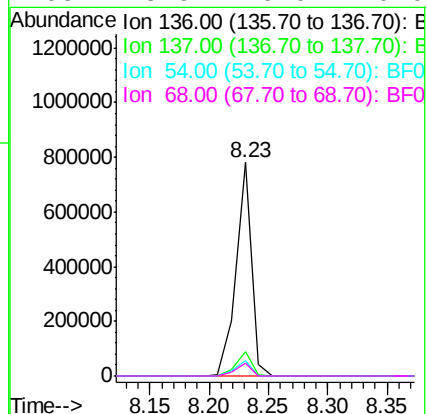
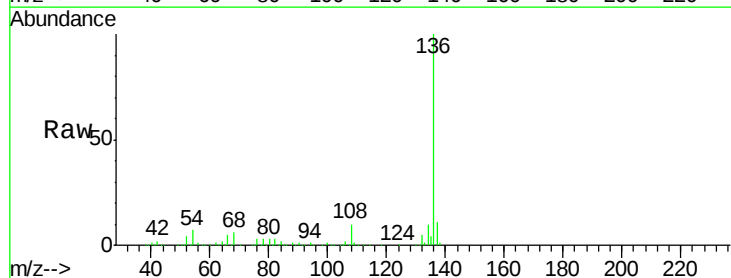
Ion Ratio Lower Upper

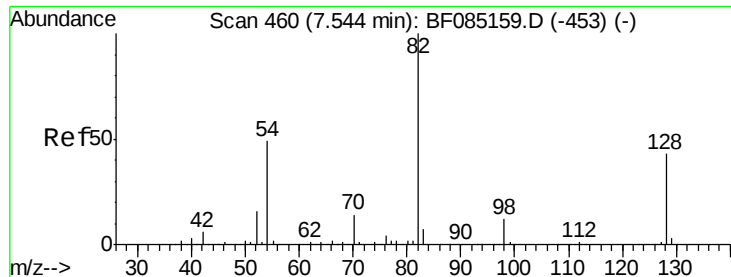
136 100

137 11.1 9.3 13.9

54 7.1 7.4 11.2#

68 5.9 6.0 9.0#

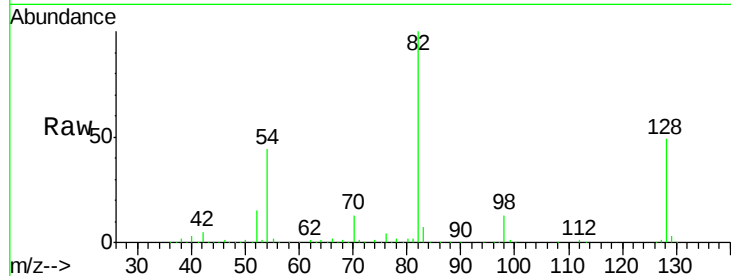




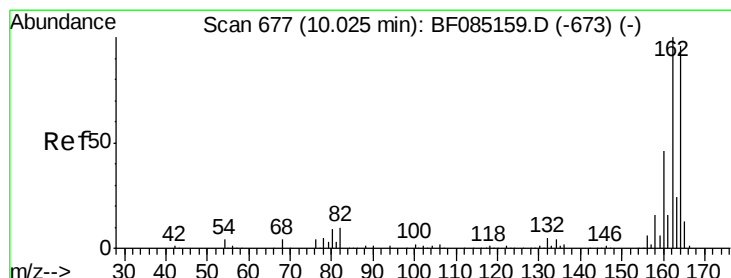
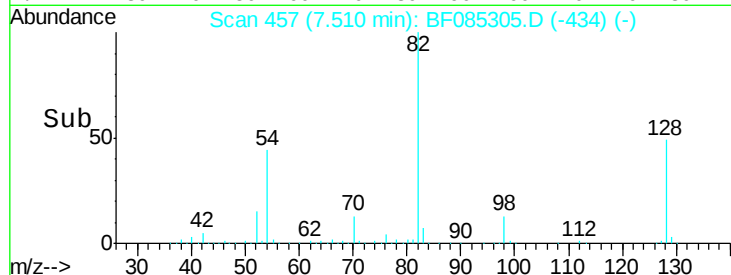
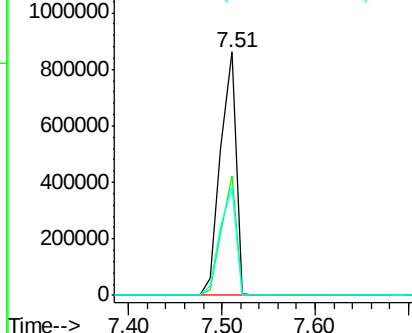
#23
 Nitrobenzene-d5
 Concen: 75.22 ng
 RT: 7.51 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF085305.D
 Acq: 9 Mar 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB88789BL

Tgt Ion: 82 Resp: 993725
 Ion Ratio Lower Upper
 82 100
 128 49.2 34.5 51.7
 54 44.2 39.3 58.9

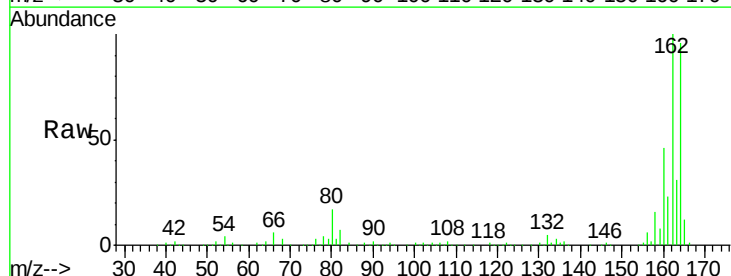


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

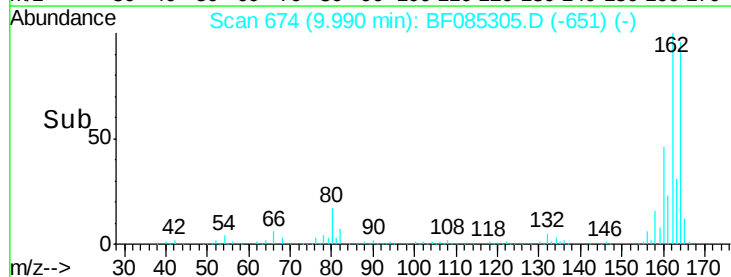
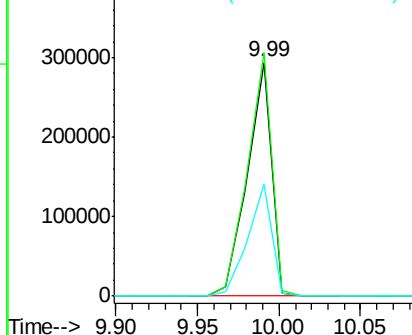


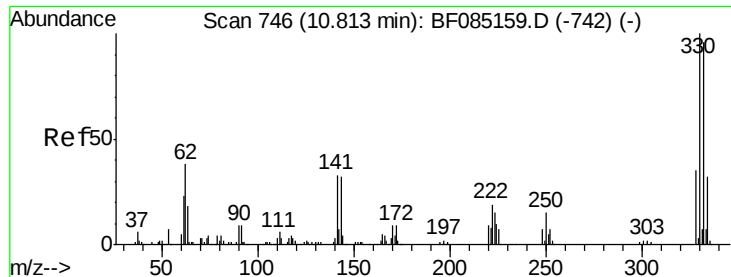
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 674
 Delta R.T. -0.03 min
 Lab File: BF085305.D
 Acq: 9 Mar 2016 18:12

Tgt Ion: 164 Resp: 302517
 Ion Ratio Lower Upper
 164 100
 162 104.2 83.3 124.9
 160 48.0 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

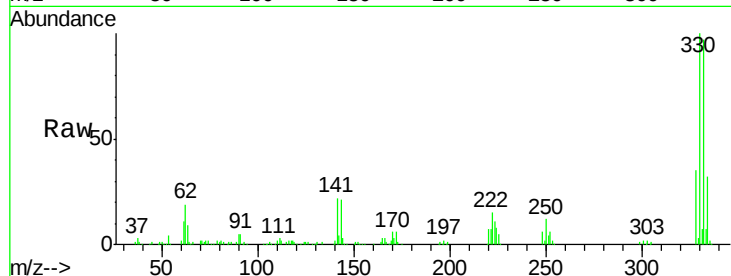




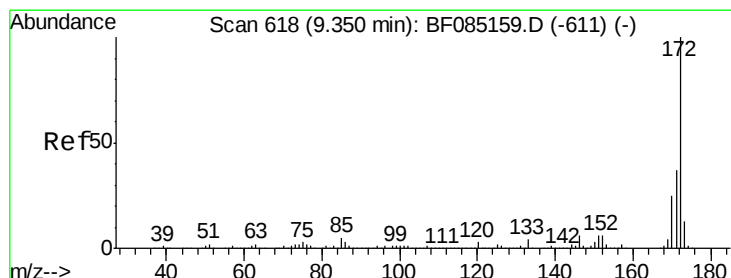
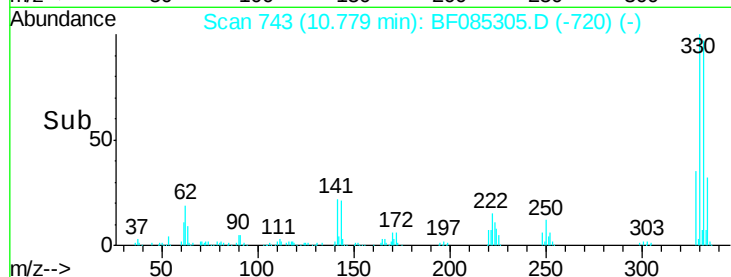
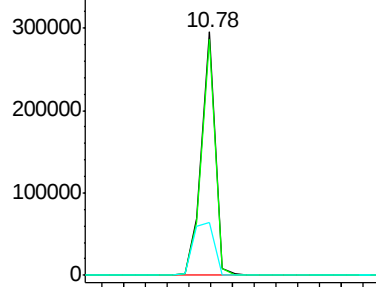
#41
 2,4,6-Tribromophenol
 Concen: 100.12 ng
 RT: 10.78 min Scan# 743
 Delta R.T. -0.03 min
 Lab File: BF085305.D
 Acq: 9 Mar 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB88789BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	34.1	35.0	52.6#

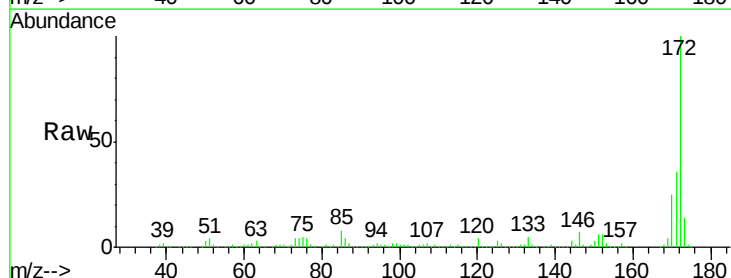


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

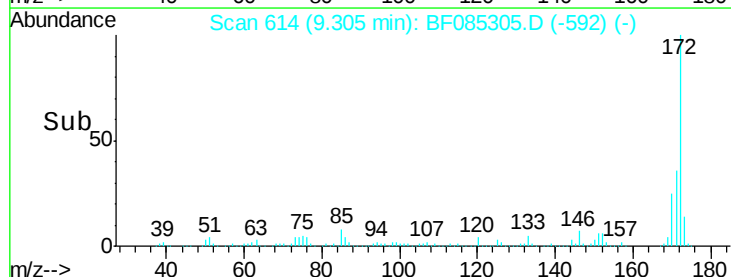
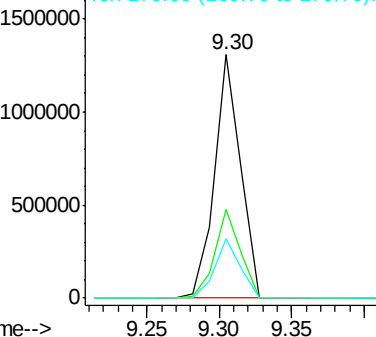


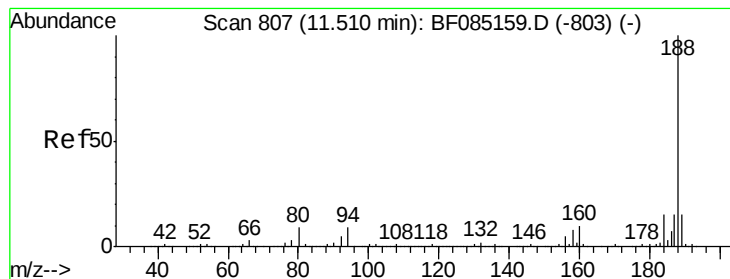
#44
 2-Fluorobiphenyl
 Concen: 80.97 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085305.D
 Acq: 9 Mar 2016 18:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.48 min Scan# 804

Delta R.T. -0.03 min

Lab File: BF085305.D

Acq: 9 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB88789BL

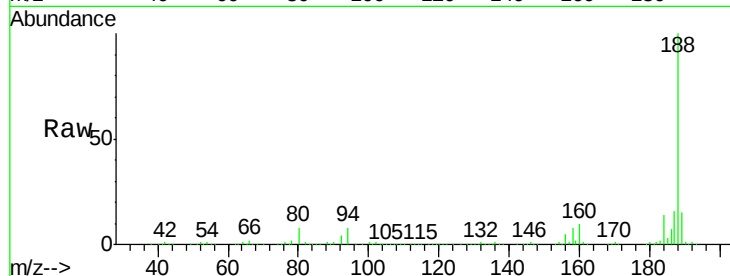
Tgt Ion:188 Resp: 619629

Ion Ratio Lower Upper

188 100

94 7.6 7.0 10.6

80 7.8 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

11.48

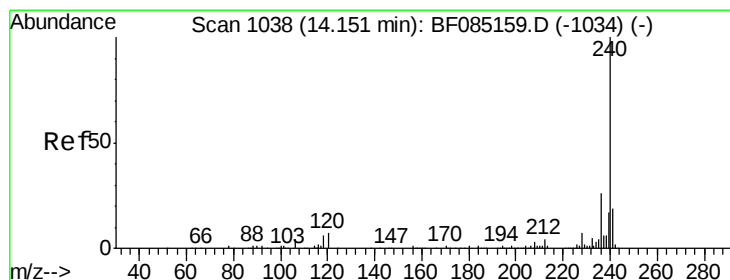
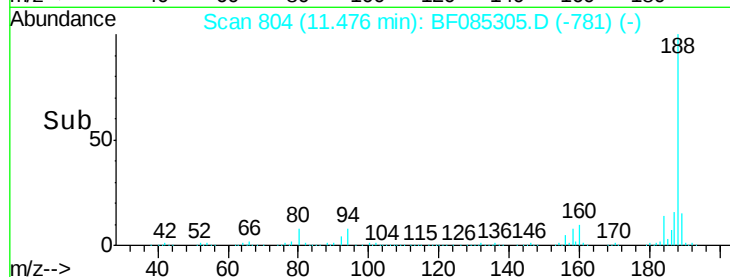
600000

400000

200000

0

Time--> 11.40 11.45 11.50



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF085305.D

Acq: 9 Mar 2016 18:12

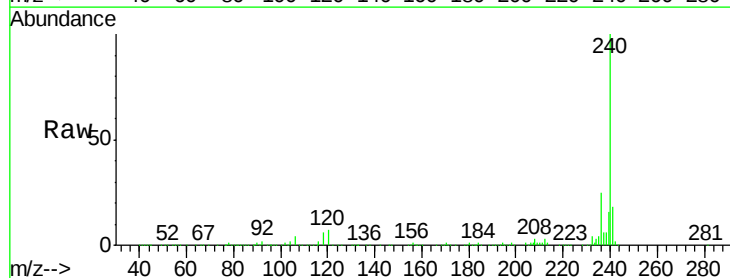
Tgt Ion:240 Resp: 497984

Ion Ratio Lower Upper

240 100

120 7.0 5.3 7.9

236 25.1 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

14.12

400000

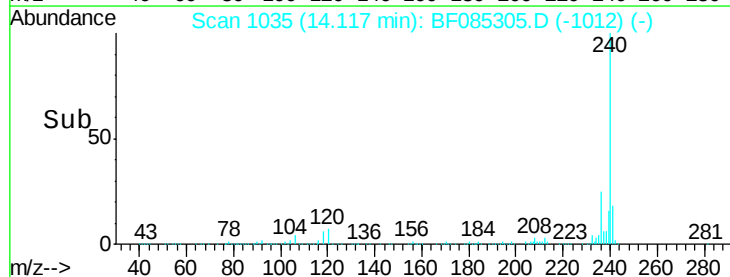
300000

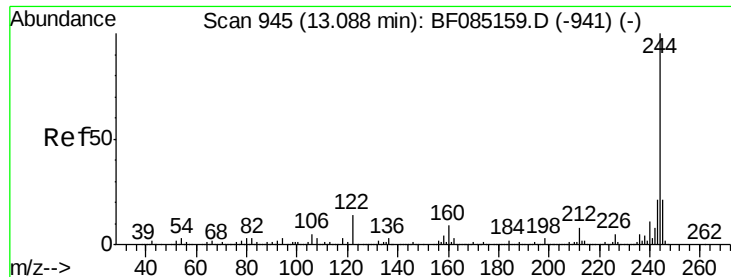
200000

100000

0

Time--> 14.00 14.10 14.20

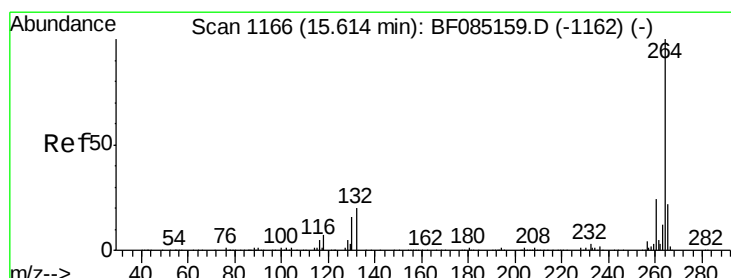
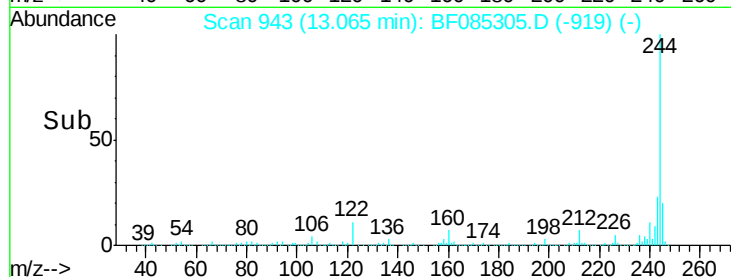
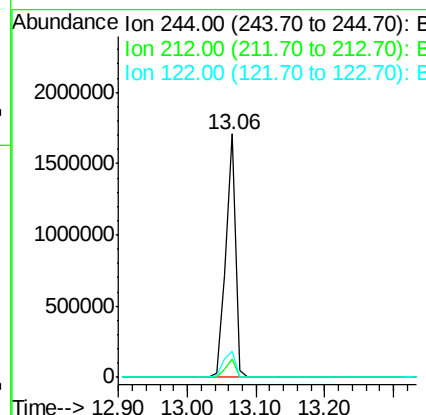
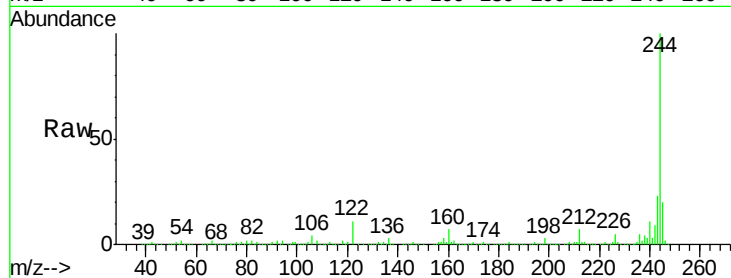




#78
 Terphenyl-d14
 Concen: 80.27 ng
 RT: 13.06 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF085305.D
 Acq: 9 Mar 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB88789BL

Tgt Ion:244 Resp: 1721855
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.4 9.6
 122 10.7 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1162
 Delta R.T. -0.05 min
 Lab File: BF085305.D
 Acq: 9 Mar 2016 18:12

Tgt Ion:264 Resp: 291879
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.6 17.3 25.9

