

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
 Data File : BF085187.D
 Acq On : 4 Mar 2016 5:36
 Operator : SJ/UM
 Sample : H1663-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-40(10-12)

Quant Time: Mar 04 07:05:07 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

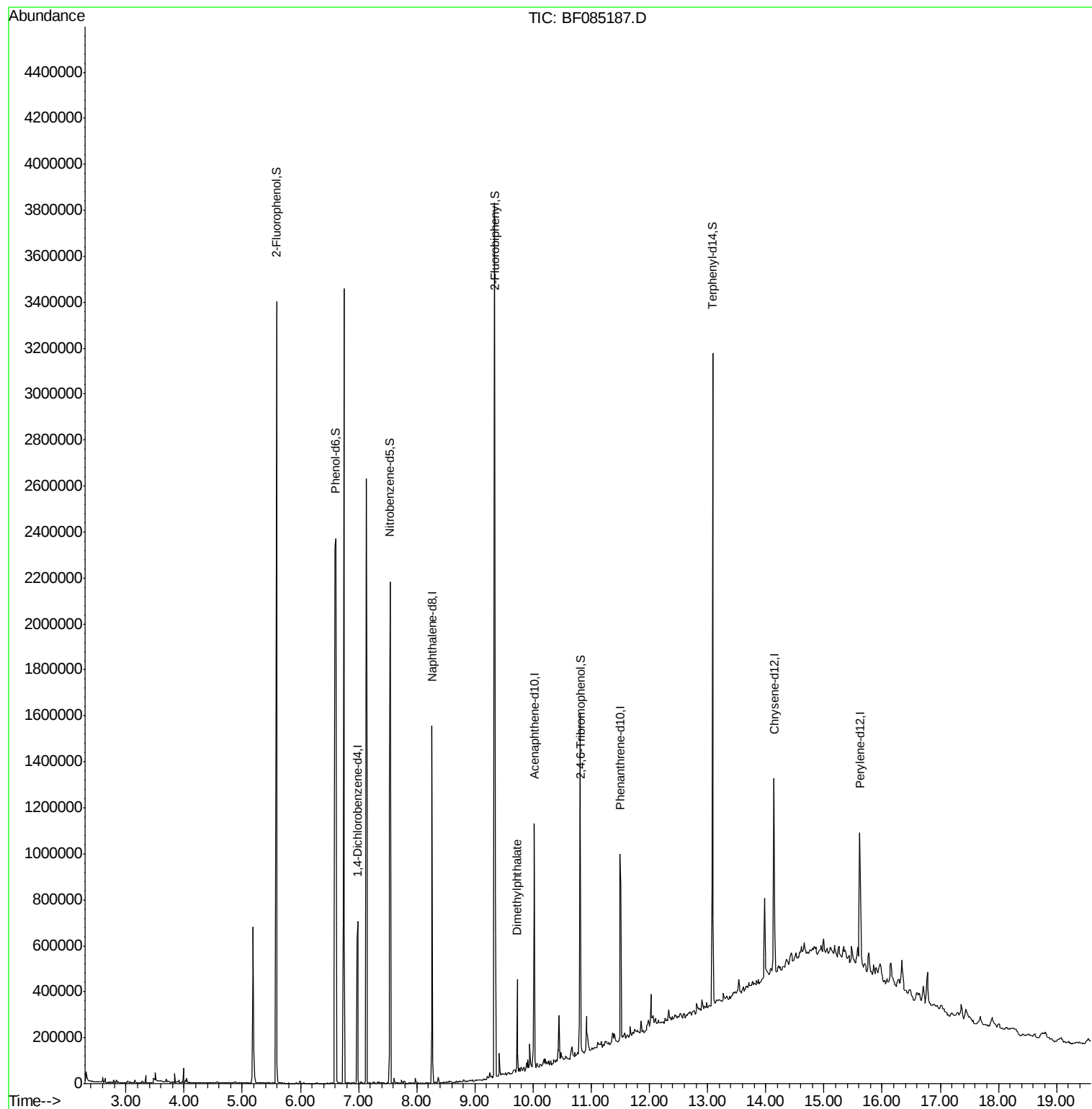
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	156363	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	642596	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	258442	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	416383	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	281567	20.00	ng	-0.01
86) Perylene-d12	15.61	264	286261	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1030495	110.55	ng	0.01
7) Phenol-d6	6.61	99	1377407	112.78	ng	0.00
23) Nitrobenzene-d5	7.54	82	871291	72.56	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	230407	104.19	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1191441	70.11	ng	-0.01
78) Terphenyl-d14	13.09	244	842444	69.46	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.73	163	140640	7.09	ng	Qvalue 99

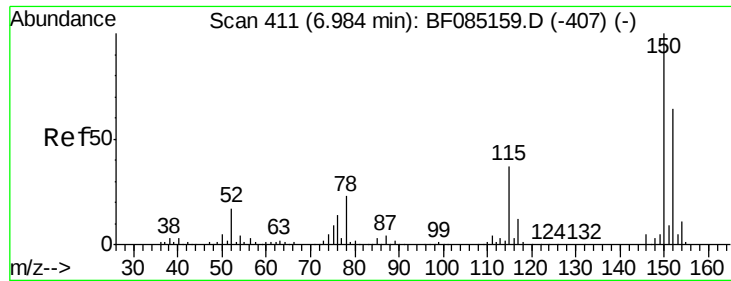
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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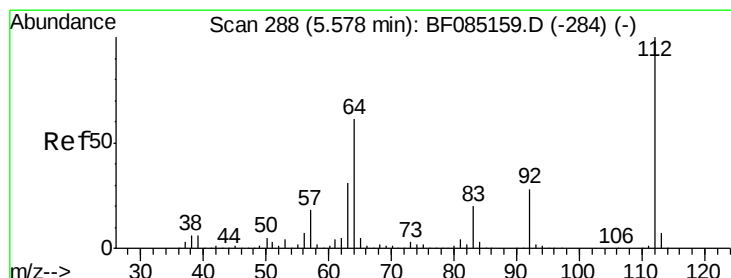
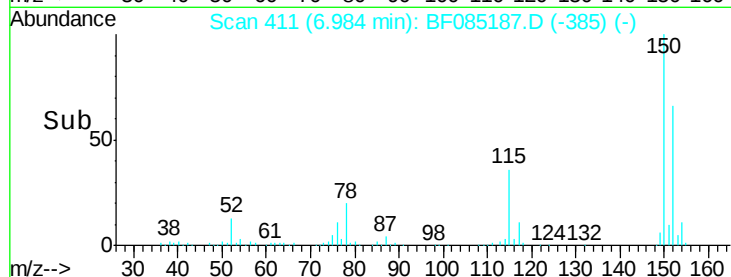
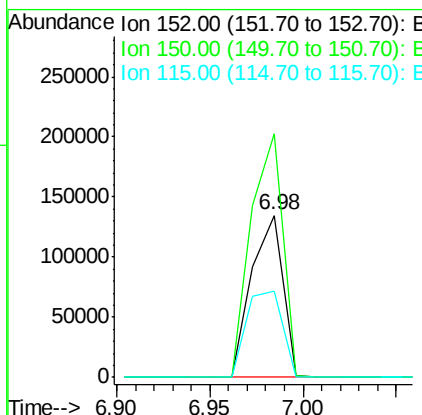
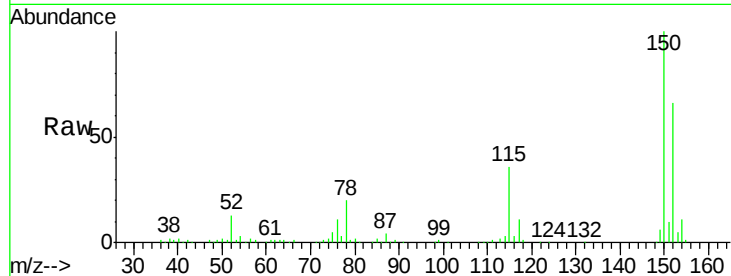




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.98 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF085187.D
 Acq: 4 Mar 2016 5:36

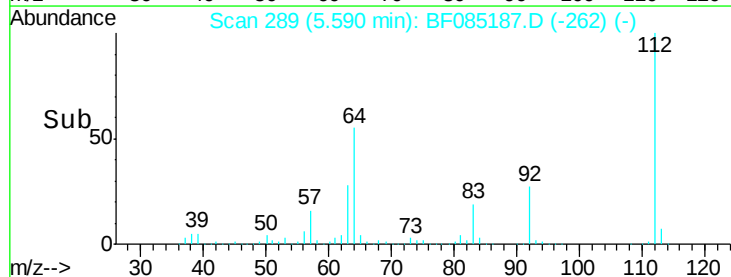
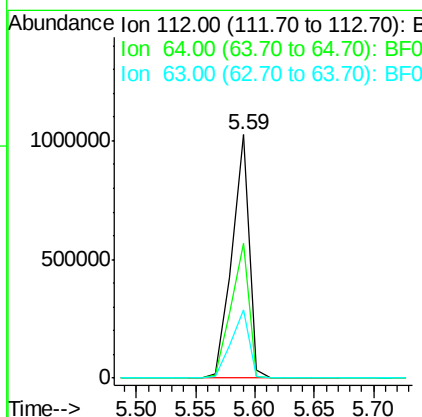
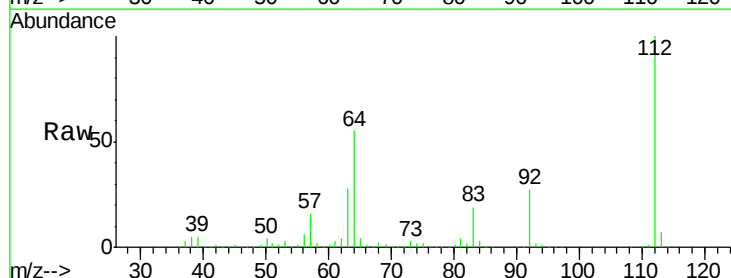
Instrument :
 BNA_F
 ClientSampleId :
 SB-40(10-12)

Tgt Ion:152 Resp: 156363
 Ion Ratio Lower Upper
 152 100
 150 150.5 124.6 186.8
 115 53.6 46.6 70.0



#5
 2-Fluorophenol
 Concen: 110.55 ng
 RT: 5.59 min Scan# 289
 Delta R.T. 0.01 min
 Lab File: BF085187.D
 Acq: 4 Mar 2016 5:36

Tgt Ion:112 Resp: 1030495
 Ion Ratio Lower Upper
 112 100
 64 55.5 49.0 73.4
 63 28.0 24.8 37.2





#7

Phenol-d6

Concen: 112.78 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF085187.D

Acq: 4 Mar 2016 5:36

Instrument :

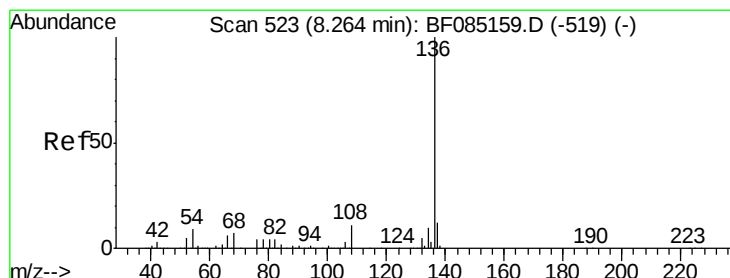
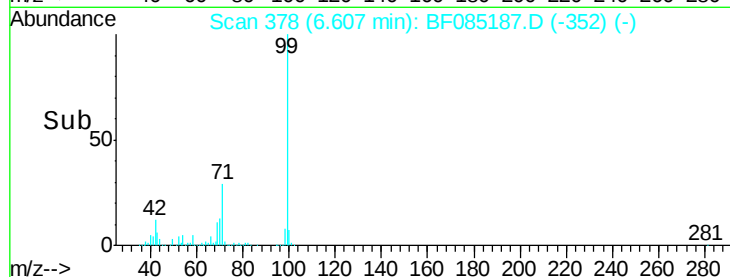
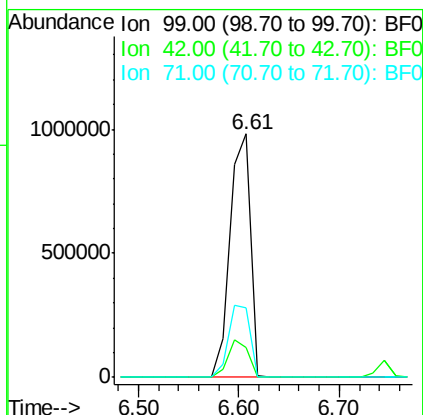
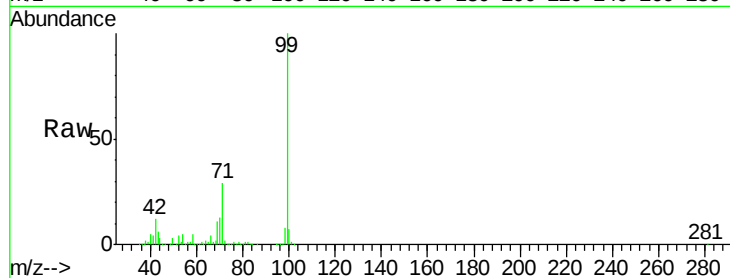
BNA_F

ClientSampleId :

SB-40(10-12)

Tgt Ion: 99 Resp: 1377407

Ion	Ratio	Lower	Upper
99	100		
42	12.2	13.6	20.4#
71	28.6	26.7	40.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 523

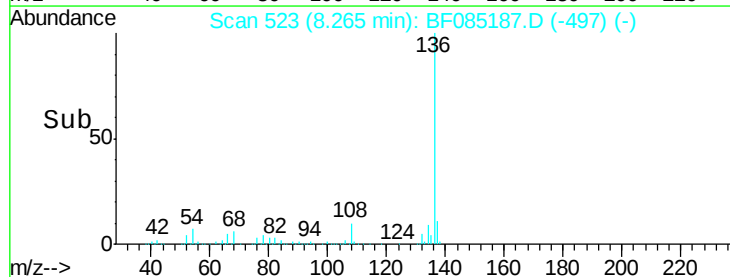
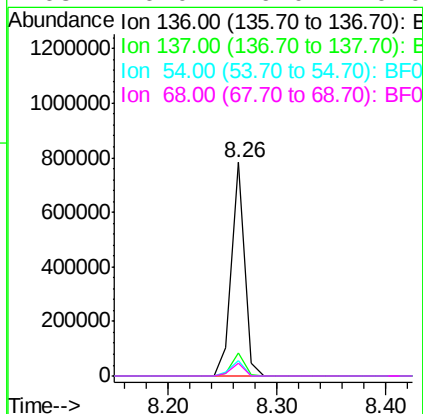
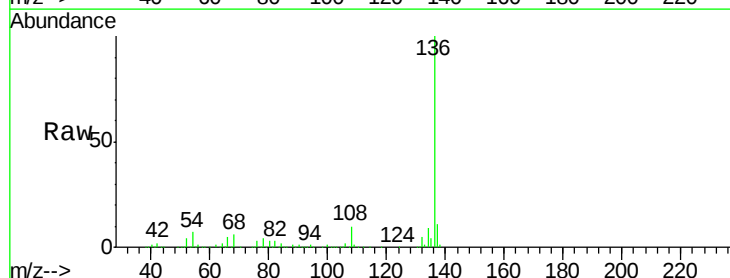
Delta R.T. 0.00 min

Lab File: BF085187.D

Acq: 4 Mar 2016 5:36

Tgt Ion: 136 Resp: 642596

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.3	13.9
54	7.4	7.4	11.2#
68	6.0	6.0	9.0#

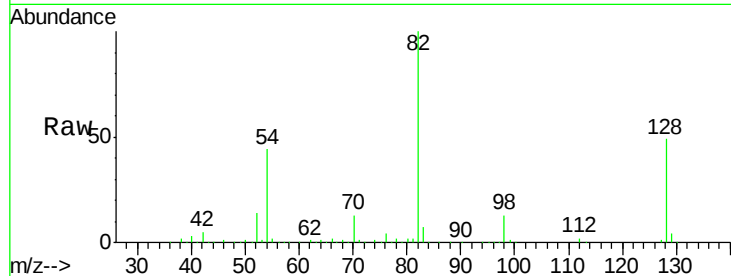




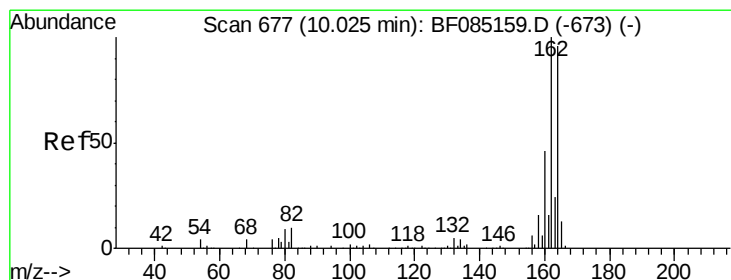
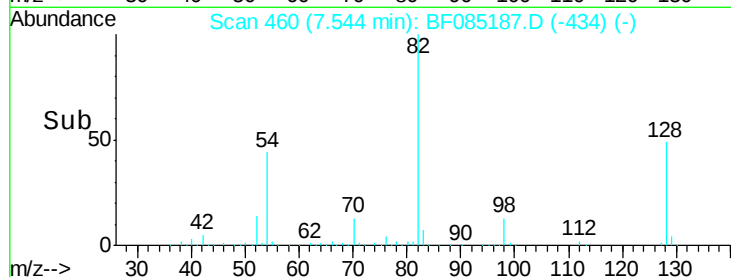
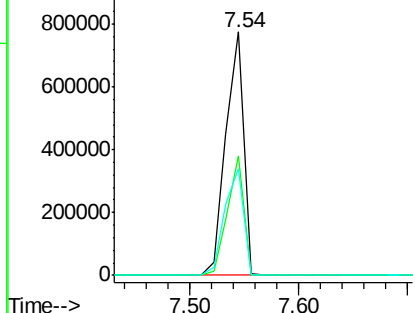
#23
 Nitrobenzene-d5
 Concen: 72.56 ng
 RT: 7.54 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF085187.D
 Acq: 4 Mar 2016 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-40(10-12)

Tgt Ion: 82 Resp: 871291
 Ion Ratio Lower Upper
 82 100
 128 49.2 34.5 51.7
 54 43.7 39.3 58.9

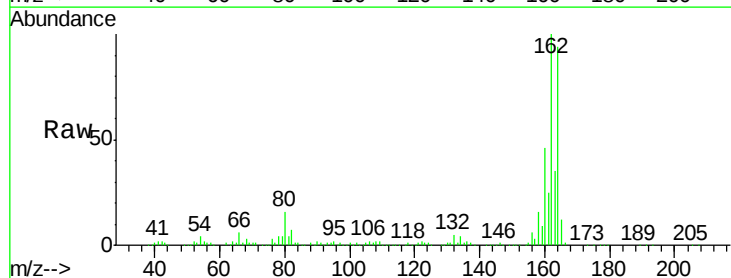


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

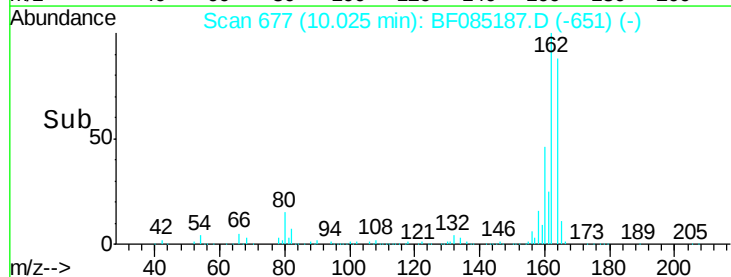
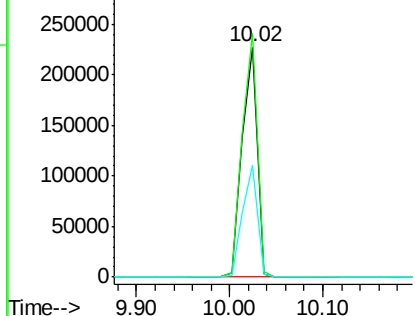


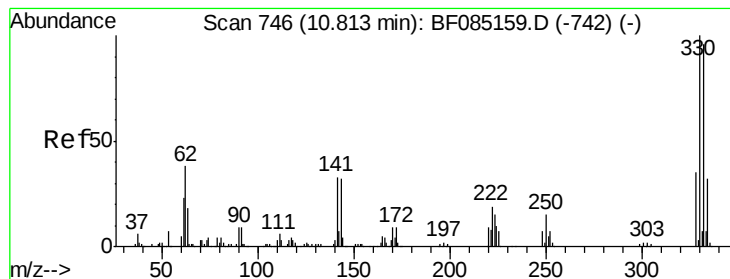
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.02 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF085187.D
 Acq: 4 Mar 2016 5:36

Tgt Ion: 164 Resp: 258442
 Ion Ratio Lower Upper
 164 100
 162 105.9 83.3 124.9
 160 48.4 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

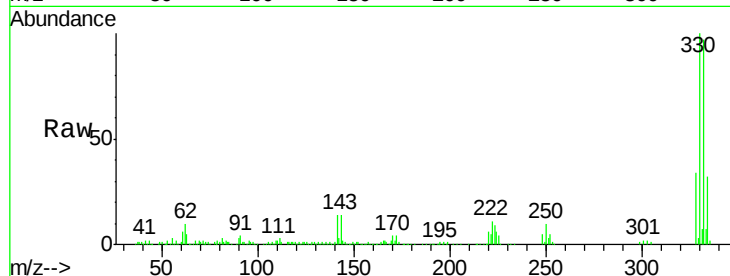




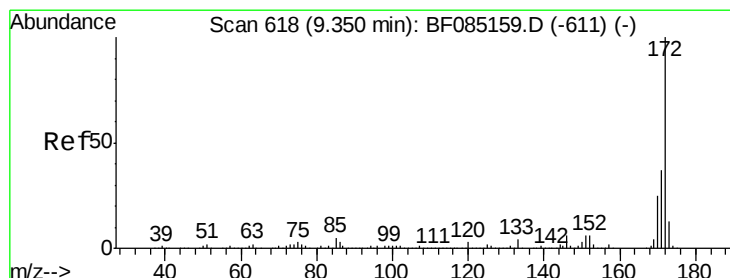
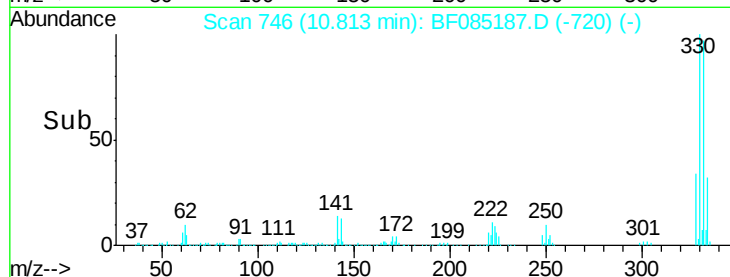
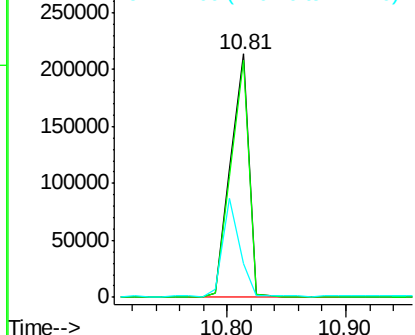
#41
 2,4,6-Tribromophenol
 Concen: 104.19 ng
 RT: 10.81 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF085187.D
 Acq: 4 Mar 2016 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-40(10-12)

Tgt Ion:330 Resp: 230407
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.1 115.7
 141 37.3 35.0 52.6

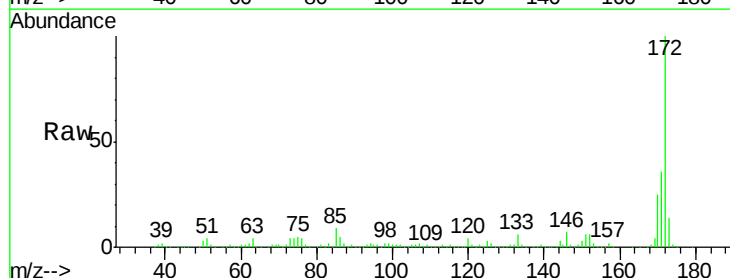


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

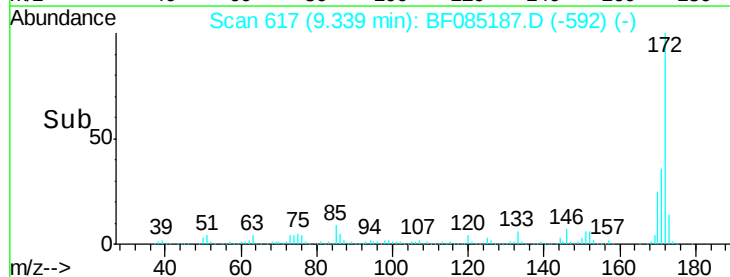
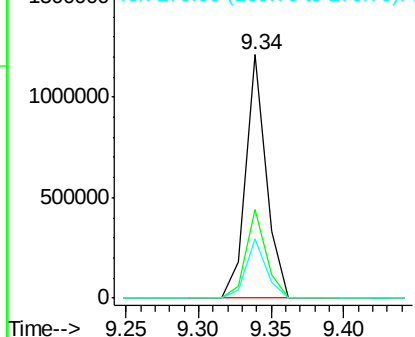


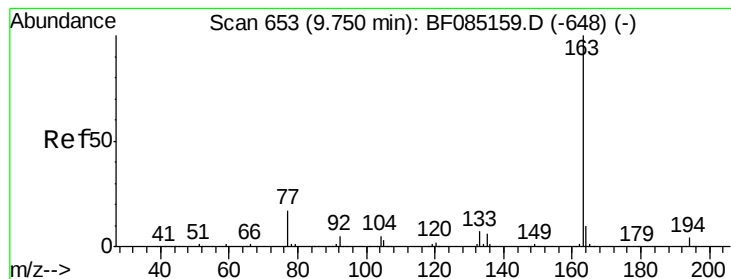
#44
 2-Fluorobiphenyl
 Concen: 70.11 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085187.D
 Acq: 4 Mar 2016 5:36

Tgt Ion:172 Resp: 1191441
 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





#49

Dimethylphthalate

Concen: 7.09 ng

RT: 9.73 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF085187.D

Acq: 4 Mar 2016 5:36

Instrument :

BNA_F

ClientSampleId :

SB-40(10-12)

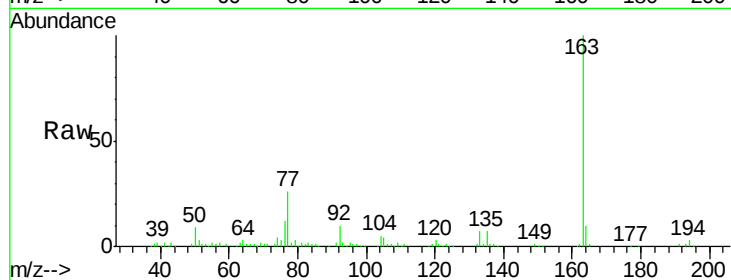
Tgt Ion:163 Resp: 140640

Ion Ratio Lower Upper

163 100

194 3.4 3.1 4.7

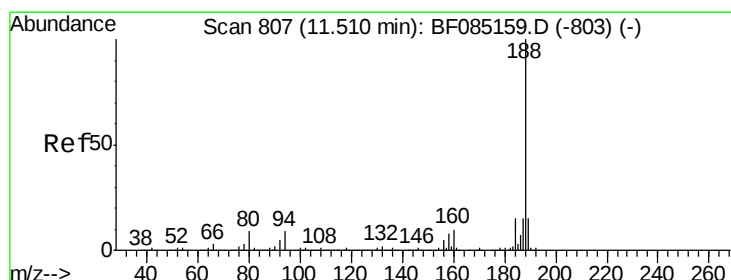
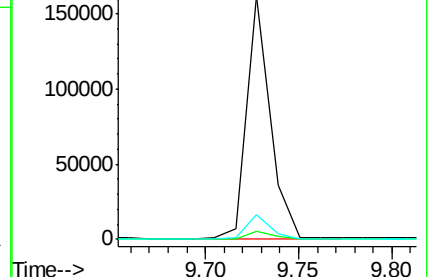
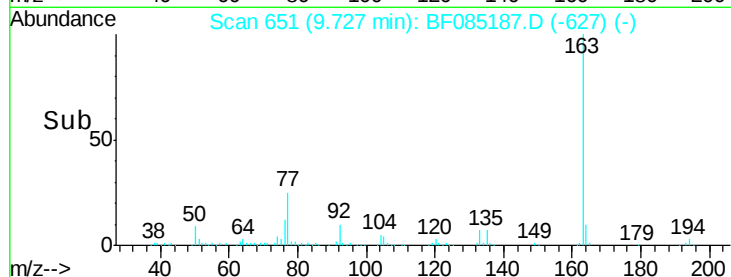
164 10.2 8.2 12.4



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: BF085187.D

Acq: 4 Mar 2016 5:36

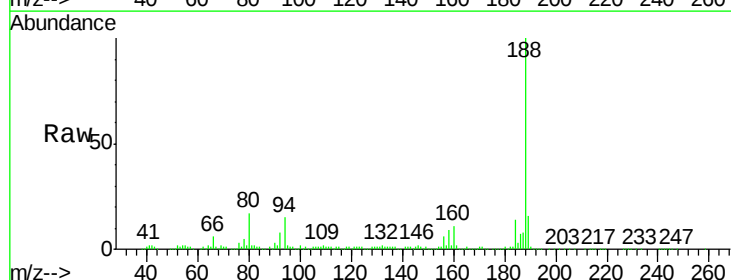
Tgt Ion:188 Resp: 416383

Ion Ratio Lower Upper

188 100

94 14.9 7.0 10.6#

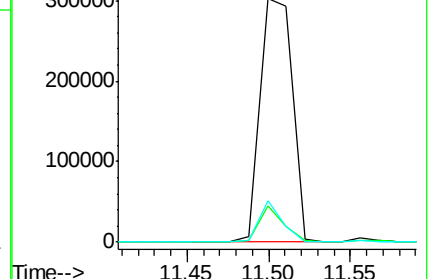
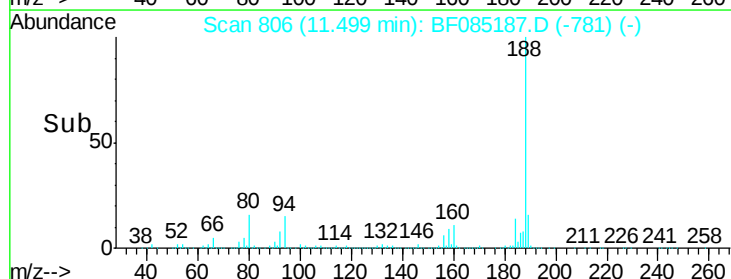
80 16.8 7.4 11.0#

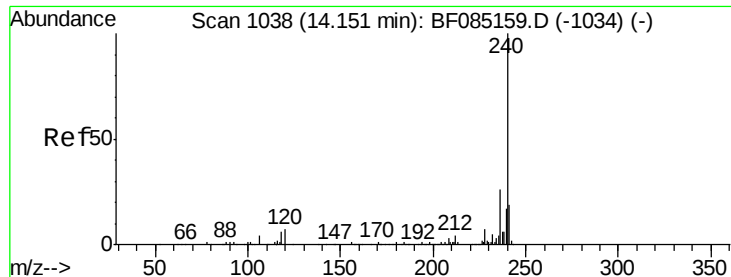


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.14 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF085187.D

Acq: 4 Mar 2016 5:36

Instrument :

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SB-40(10-12)

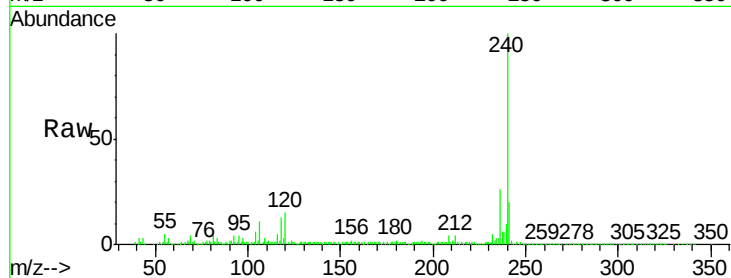
Tgt Ion:240 Resp: 281567

Ion Ratio Lower Upper

240 100

120 15.5 5.3 7.9#

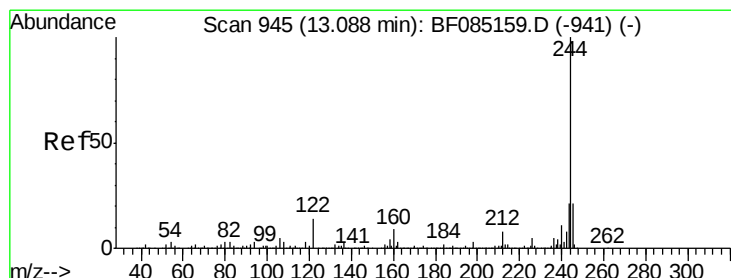
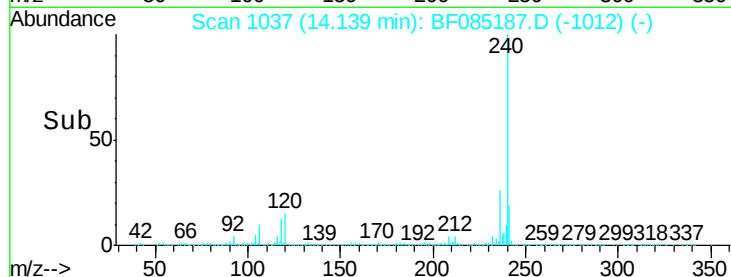
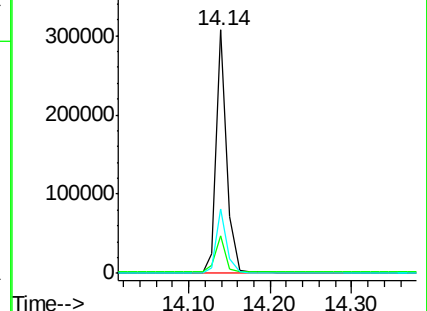
236 26.3 20.7 31.1



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: 69.46 ng

RT: 13.09 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF085187.D

Acq: 4 Mar 2016 5:36

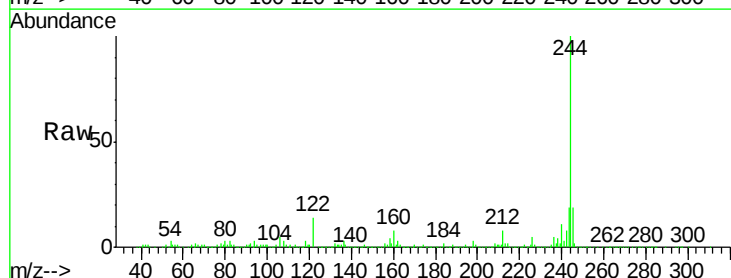
Tgt Ion:244 Resp: 842444

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

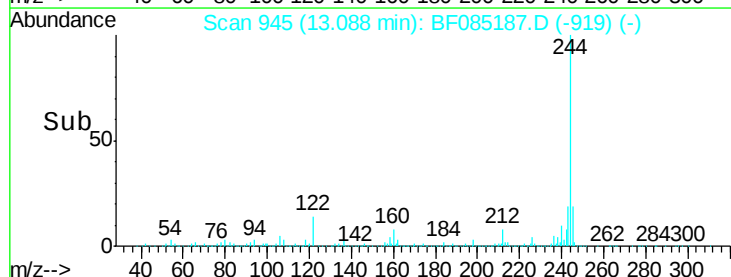
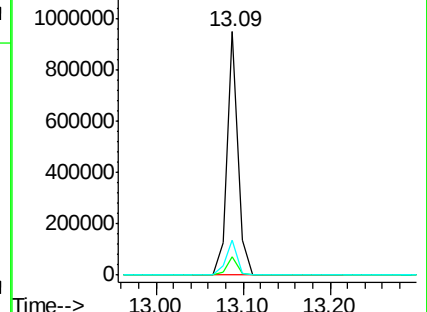
122 14.2 11.4 17.2

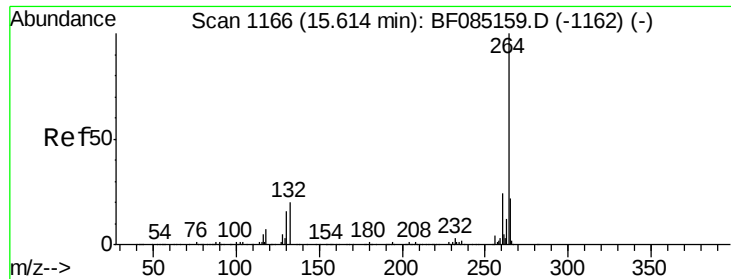


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.61 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF085187.D
Acq: 4 Mar 2016 5:36

Instrument :
BNA_F
ClientSampleId :
SB-40(10-12)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.9	17.3	25.9

