

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071715\
 Data File : BF080552.D
 Acq On : 18 Jul 2015 00:34
 Operator : TP/UM
 Sample : PB84537TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84537TB

Quant Time: Jul 18 02:09:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 00:40:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	56875	20.00	ng	0.00
21) Naphthalene-d8	8.35	136	253625	20.00	ng	0.00
38) Acenaphthene-d10	10.11	164	106219	20.00	ng	0.00
63) Phenanthrene-d10	11.60	188	212044	20.00	ng	0.00
75) Chrysene-d12	14.39	240	157359	20.00	ng	0.03
86) Perylene-d12	16.07	264	145353	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	409862	112.35	ng	0.00
7) Phenol-d6	6.70	99	500660	120.60	ng	0.00
23) Nitrobenzene-d5	7.63	82	297071	74.68	ng	0.00
41) 2,4,6-Tribromophenol	10.90	330	121291	127.61	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	629926	83.30	ng	0.00
78) Terphenyl-d14	13.21	244	566217	80.35	ng	0.01

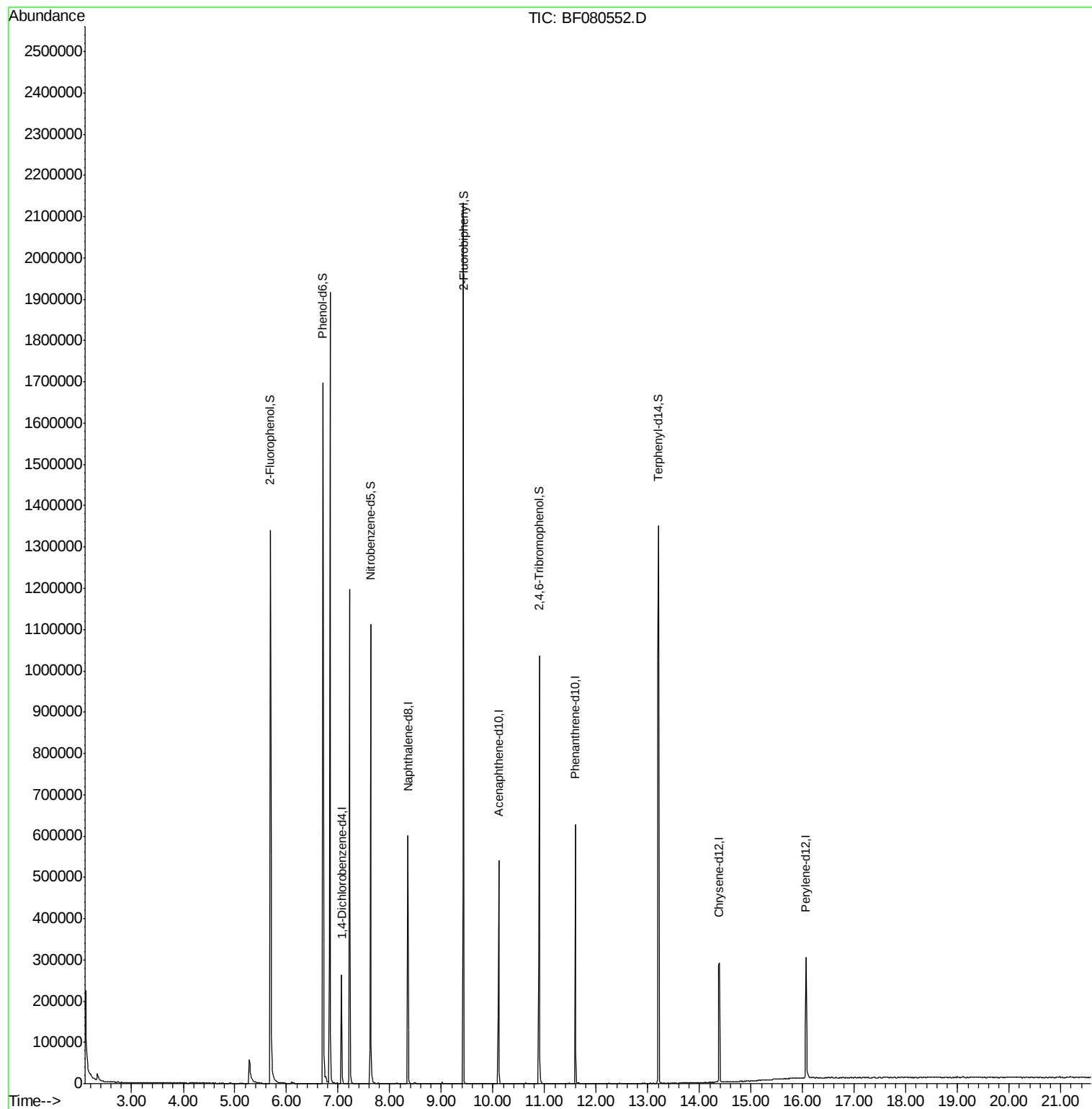
Target Compounds	Qvalue
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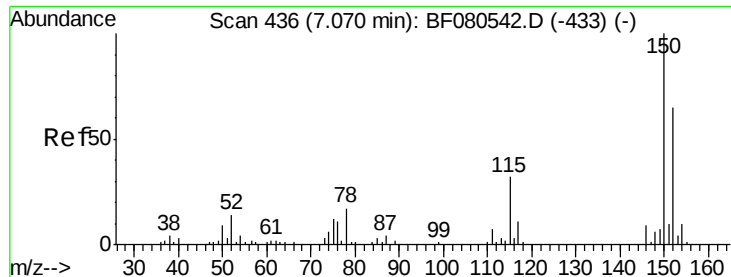
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF080552.D

Acq: 18 Jul 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB84537TB

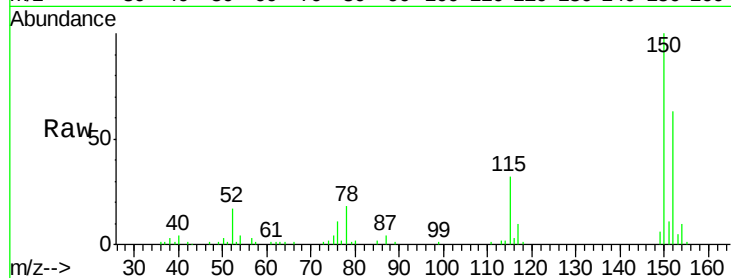
Tgt Ion:152 Resp: 56875

Ion Ratio Lower Upper

152 100

150 159.7 123.0 184.4

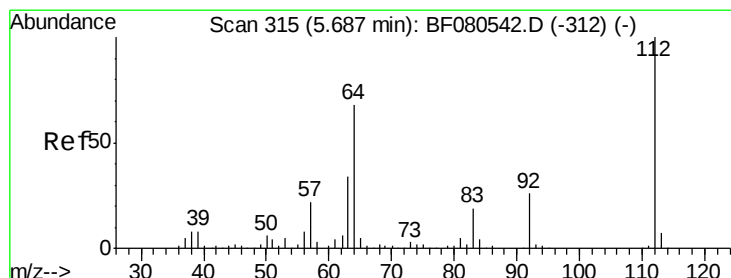
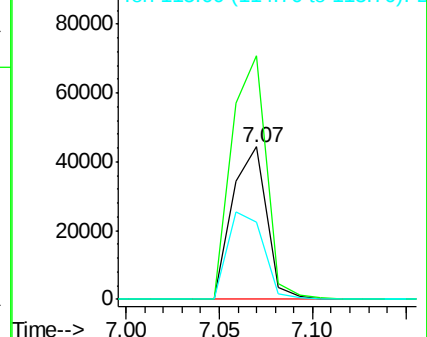
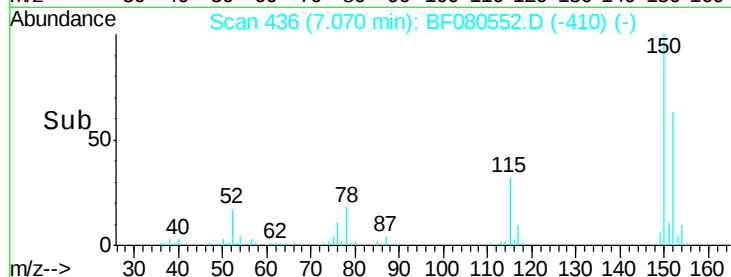
115 50.6 39.9 59.9



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: 112.35 ng

RT: 5.69 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF080552.D

Acq: 18 Jul 2015 00:34

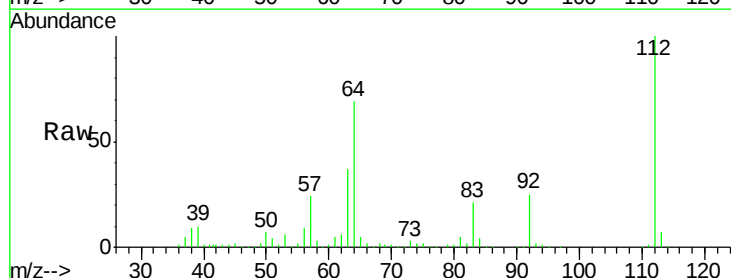
Tgt Ion:112 Resp: 409862

Ion Ratio Lower Upper

112 100

64 69.3 54.1 81.1

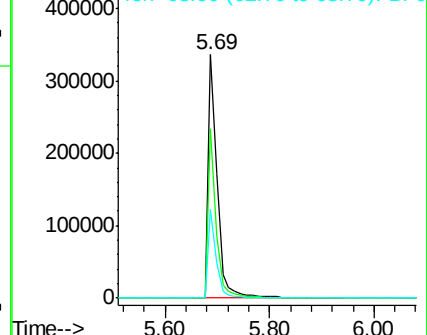
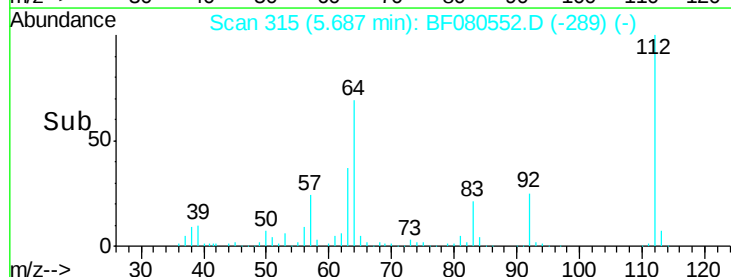
63 36.7 27.6 41.4

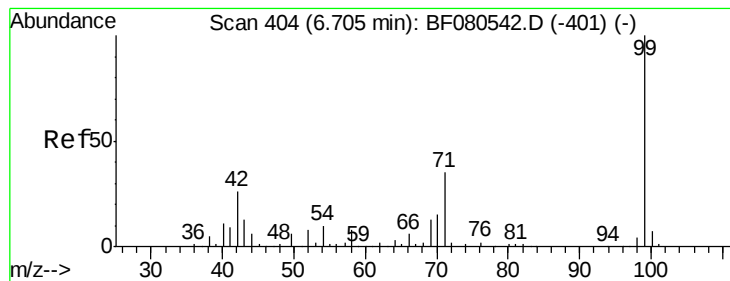


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.60 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF080552.D

Acq: 18 Jul 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB84537TB

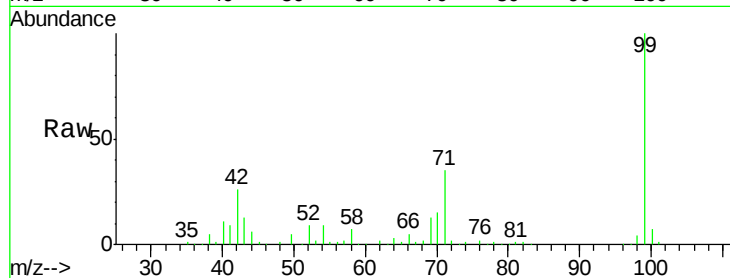
Tgt Ion: 99 Resp: 500660

Ion Ratio Lower Upper

99 100

42 26.4 21.0 31.4

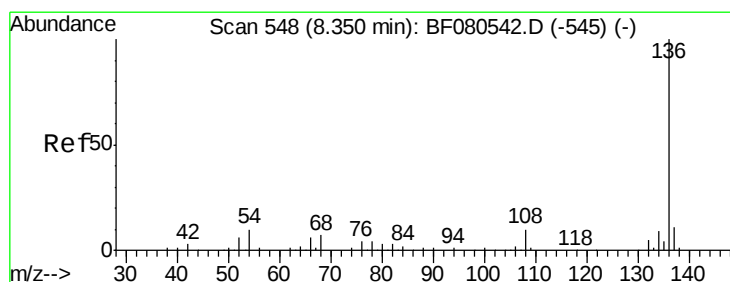
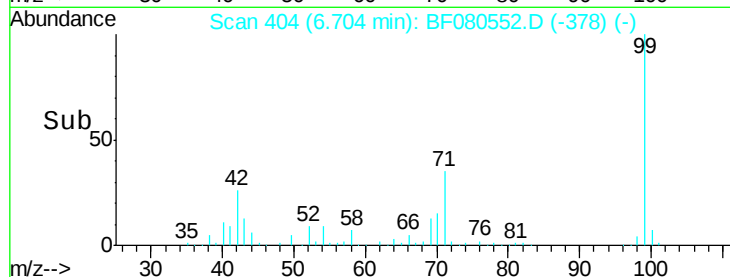
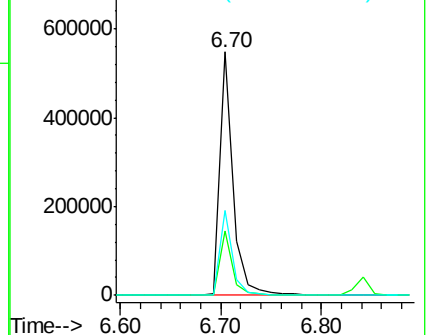
71 35.0 28.4 42.6



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: 8.35 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF080552.D

Acq: 18 Jul 2015 00:34

Tgt Ion: 136 Resp: 253625

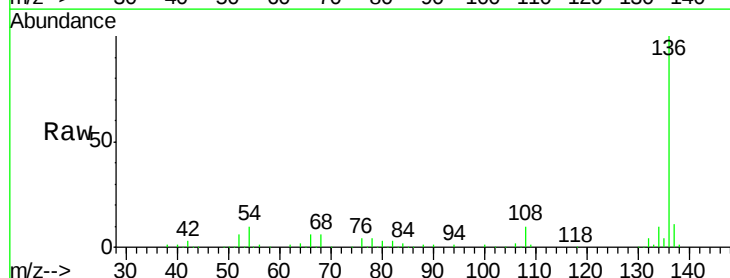
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.1 8.3 12.5

68 6.1 5.4 8.2

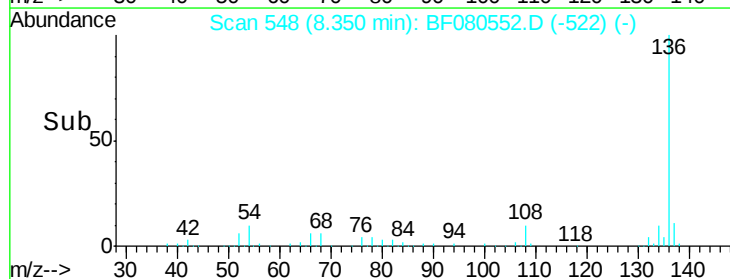
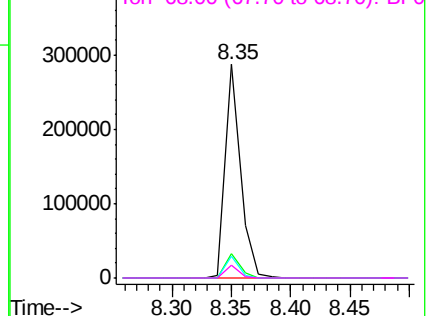


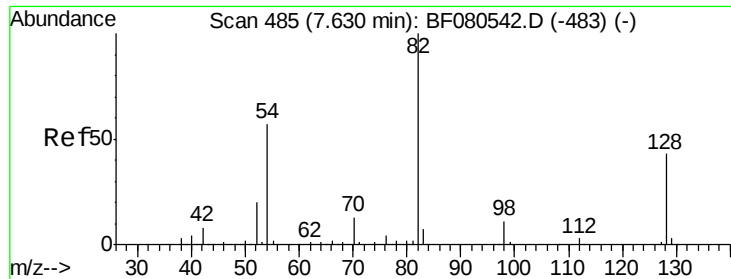
Abundance Ion 136.00 (135.70 to 136.70): E

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

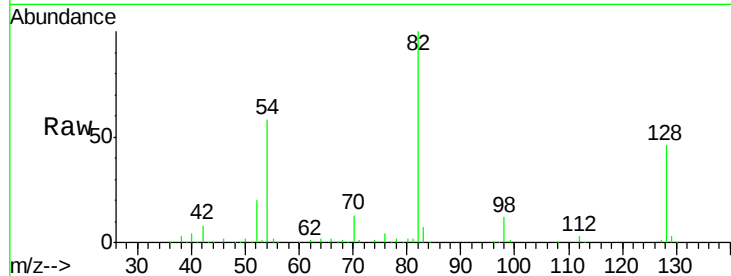




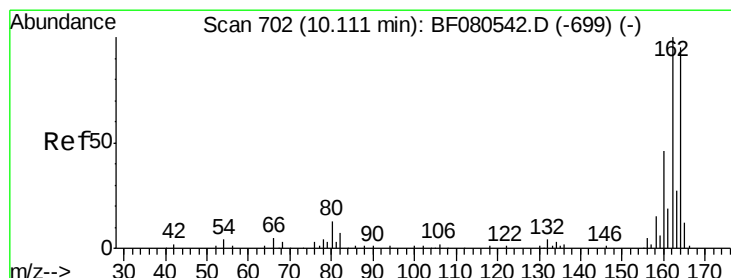
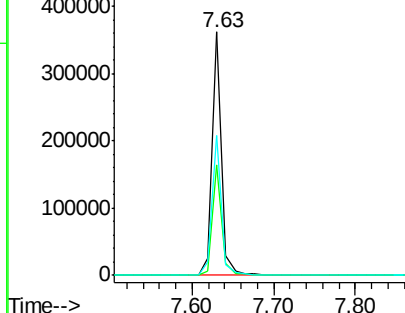
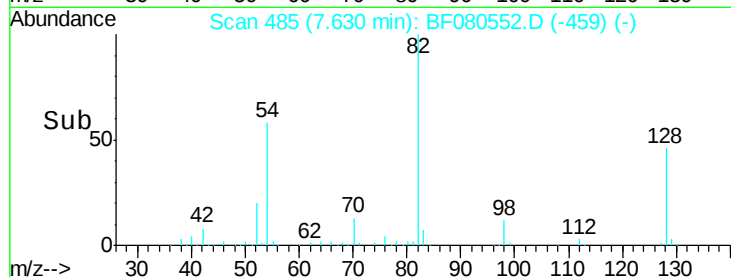
#23
 Nitrobenzene-d5
 Concen: 74.68 ng
 RT: 7.63 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: BF080552.D
 Acq: 18 Jul 2015 00:34

Instrument :
 BNA_F
 ClientSampleID :
 PB84537TB

Tgt Ion: 82 Resp: 297071
 Ion Ratio Lower Upper
 82 100
 128 45.6 34.6 51.8
 54 57.7 45.8 68.6

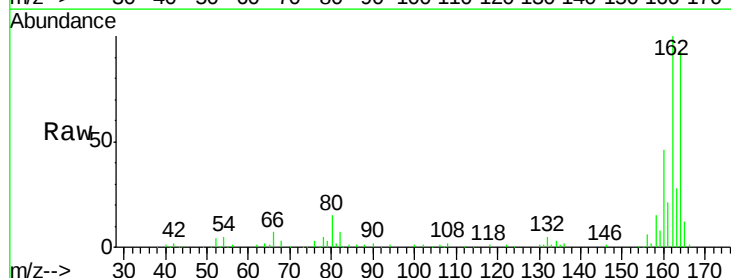


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

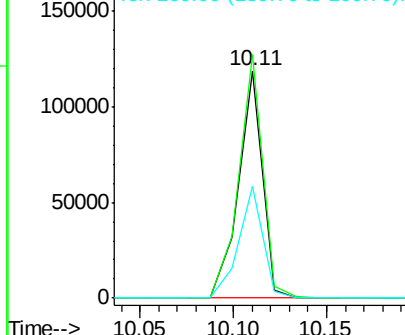
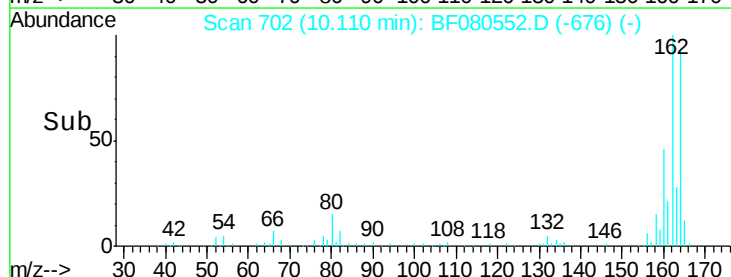


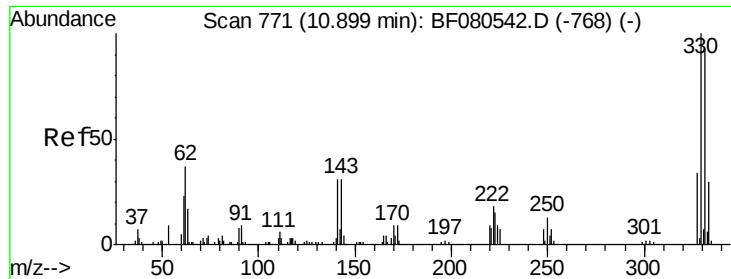
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: BF080552.D
 Acq: 18 Jul 2015 00:34

Tgt Ion: 164 Resp: 106219
 Ion Ratio Lower Upper
 164 100
 162 107.2 84.1 126.1
 160 49.0 38.8 58.2



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

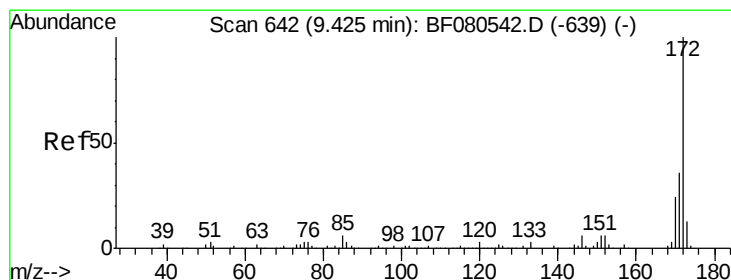
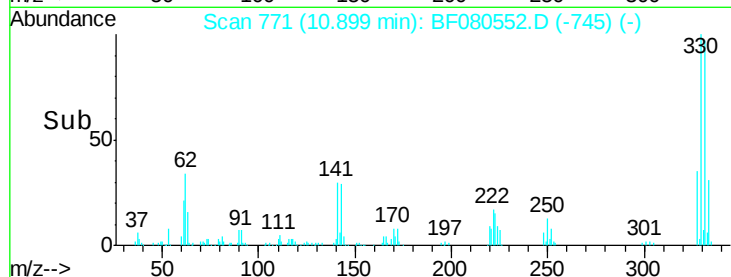
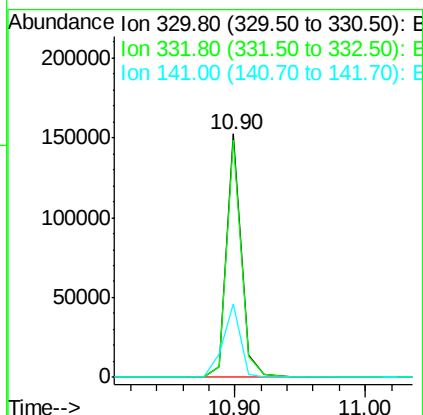
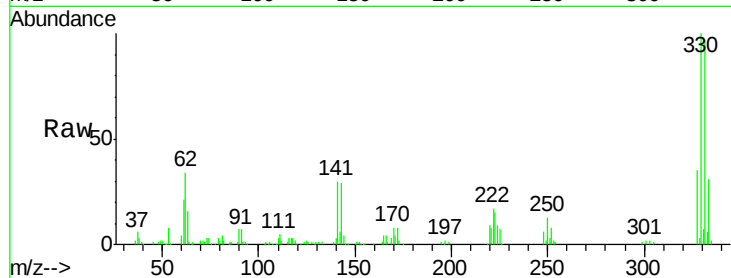




#41
 2,4,6-Tribromophenol
 Concen: 127.61 ng
 RT: 10.90 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF080552.D
 Acq: 18 Jul 2015 00:34

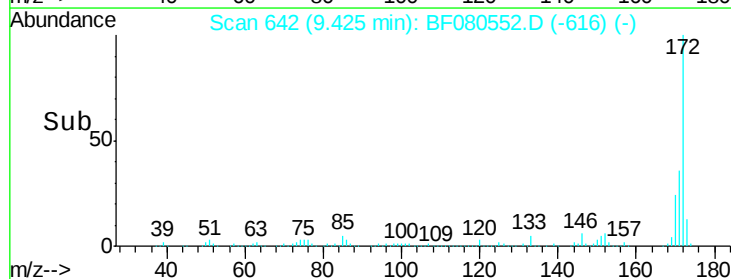
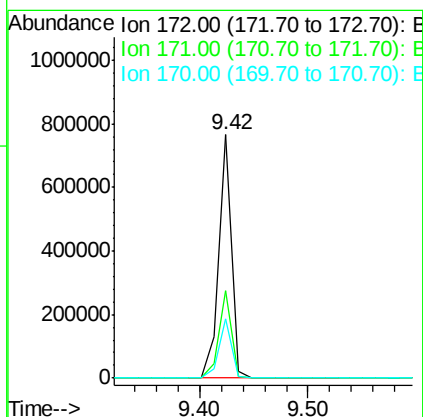
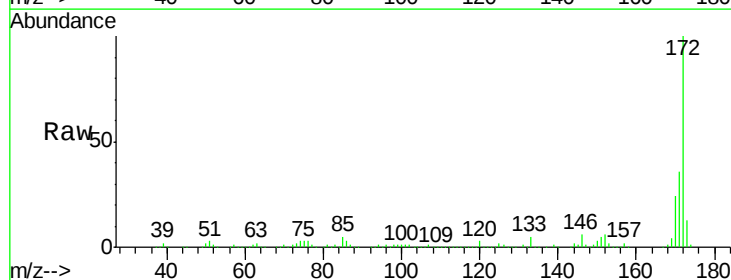
Instrument :
 BNA_F
 ClientSampleId :
 PB84537TB

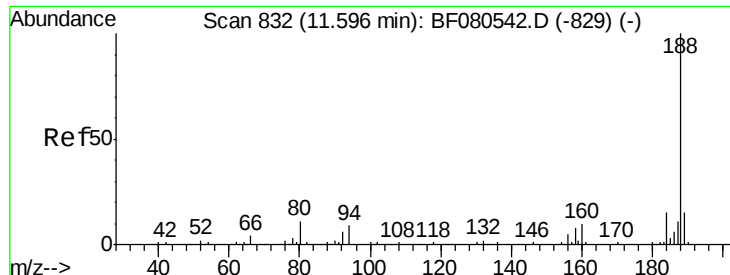
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	74.3	111.5
141	36.0	29.0	43.4



#44
 2-Fluorobiphenyl
 Concen: 83.30 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF080552.D
 Acq: 18 Jul 2015 00:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	24.1	19.0	28.4

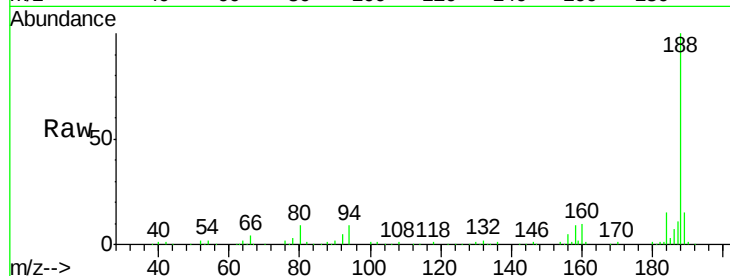




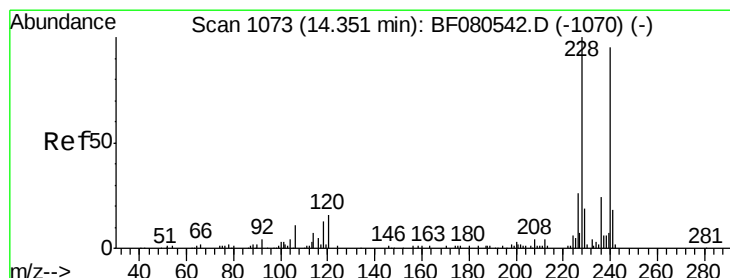
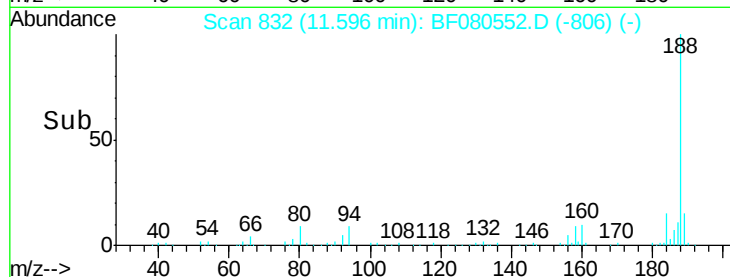
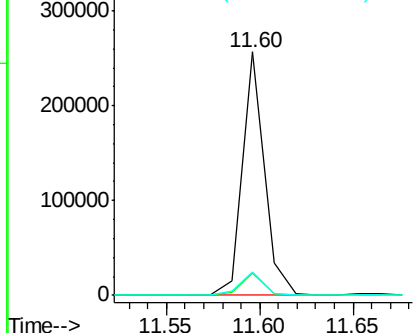
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.60 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF080552.D
Acq: 18 Jul 2015 00:34

Instrument :
BNA_F
ClientSampleId :
PB84537TB

Tgt Ion:188 Resp: 212044
Ion Ratio Lower Upper
188 100
94 9.3 7.6 11.4
80 9.5 8.6 12.8

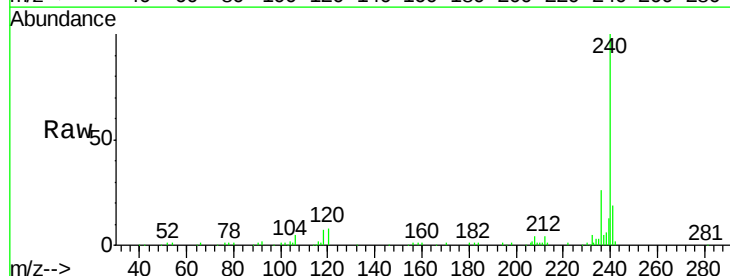


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

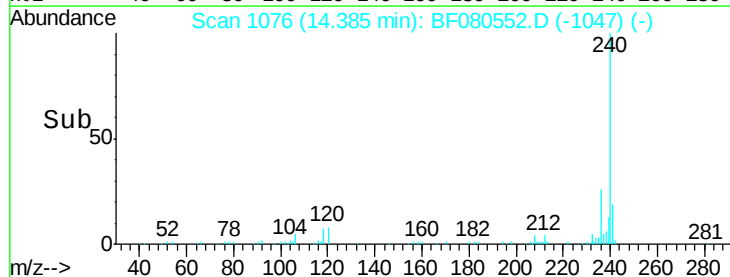
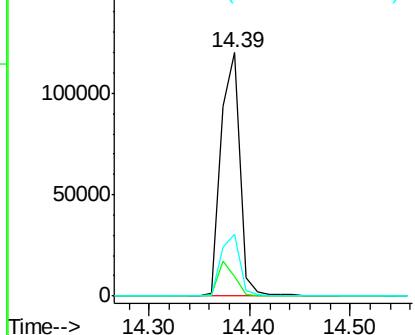


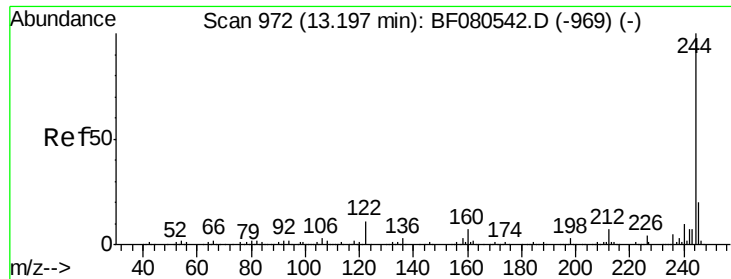
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.39 min Scan# 1076
Delta R.T. 0.03 min
Lab File: BF080552.D
Acq: 18 Jul 2015 00:34

Tgt Ion:240 Resp: 157359
Ion Ratio Lower Upper
240 100
120 8.2 13.6 20.4#
236 25.7 20.2 30.4



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

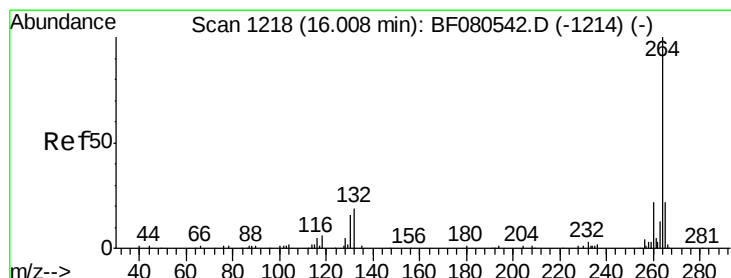
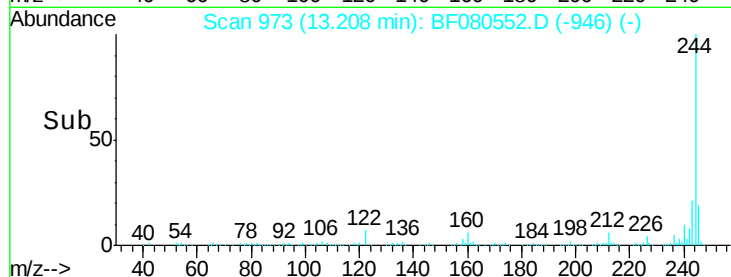
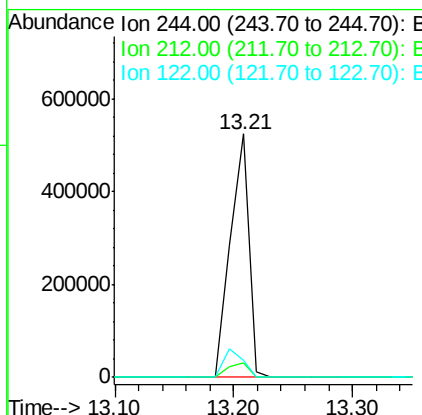
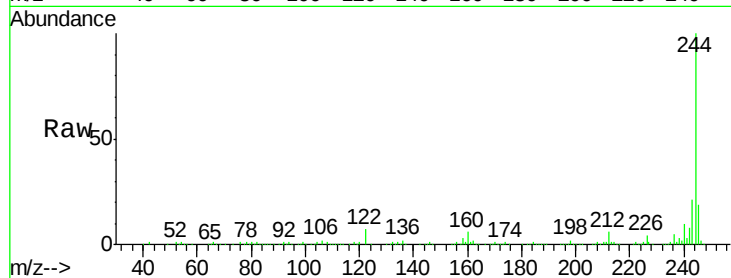




#78
 Terphenyl-d14
 Concen: 80.35 ng
 RT: 13.21 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: BF080552.D
 Acq: 18 Jul 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84537TB

Tgt Ion:244 Resp: 566217
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.5 8.3
 122 7.1 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.07 min Scan# 1223
 Delta R.T. 0.06 min
 Lab File: BF080552.D
 Acq: 18 Jul 2015 00:34

Tgt Ion:264 Resp: 145353
 Ion Ratio Lower Upper
 264 100
 260 22.2 17.8 26.8
 265 20.0 17.2 25.8

