

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073015\
 Data File : BF080711.D
 Acq On : 31 Jul 2015 00:55
 Operator : TP/UM
 Sample : G3077-13RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-3-(6-12)RE

Quant Time: Jul 31 02:10:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	177666	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	648768	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	327601	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	684493	20.00	ng	0.00
75) Chrysene-d12	14.00	240	495860	20.00	ng	0.00
86) Perylene-d12	15.41	264	371152	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1140981	110.17	ng	0.02
7) Phenol-d6	6.49	99	1631749	115.73	ng	0.00
23) Nitrobenzene-d5	7.41	82	1149582	85.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	539464	158.70	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	2161173	98.42	ng	0.00
78) Terphenyl-d14	12.96	244	1908581	72.80	ng	0.00

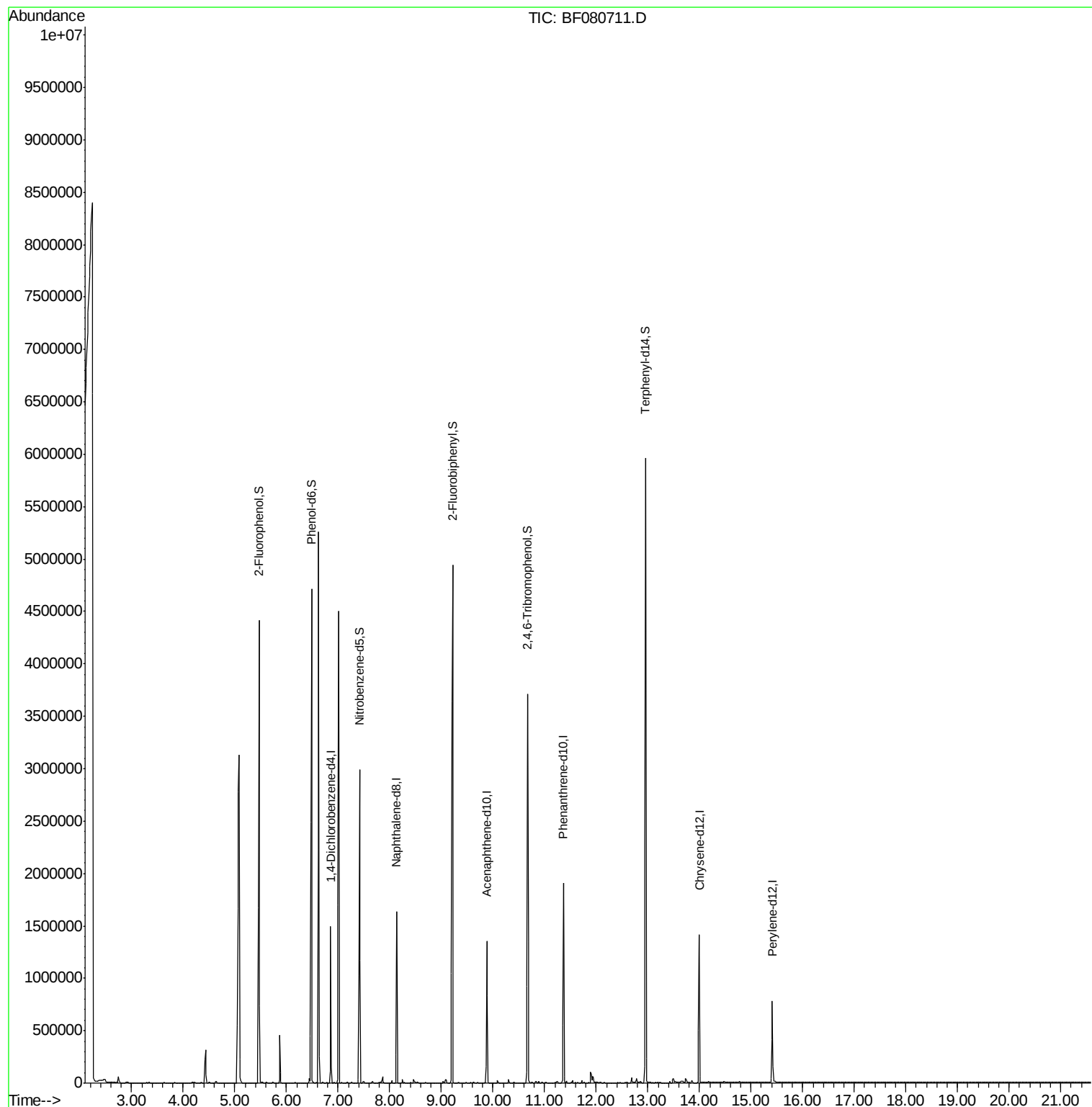
Target Compounds	Qvalue
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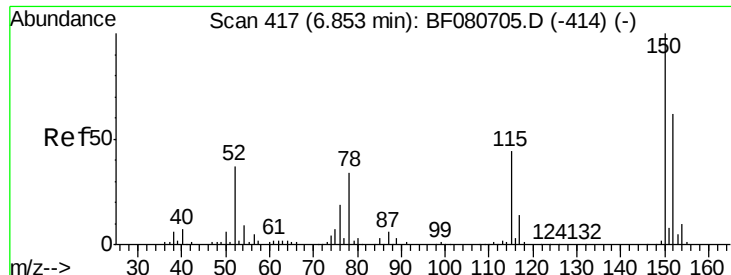
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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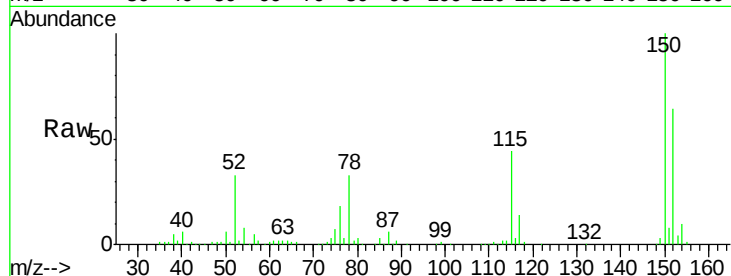




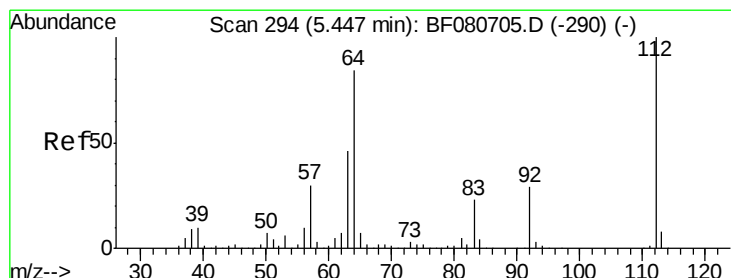
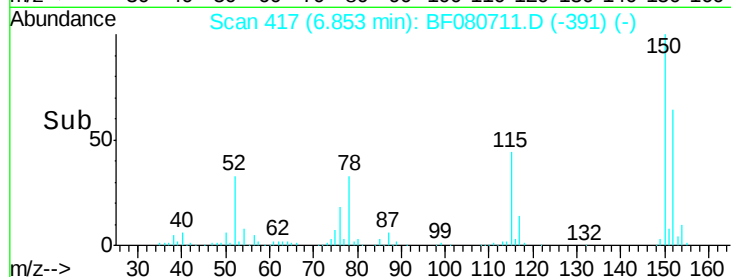
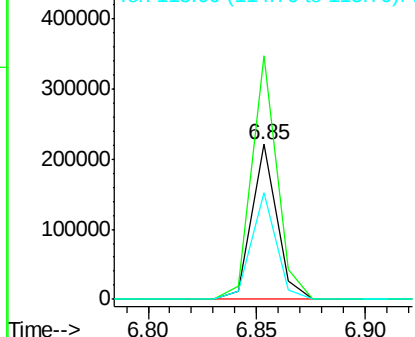
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF080711.D
 Acq: 31 Jul 2015 00:55

Instrument :
 BNA_F
 ClientSampleId :
 GRID-3-(6-12)RE

Tgt Ion:152 Resp: 177666
 Ion Ratio Lower Upper
 152 100
 150 157.0 129.6 194.4
 115 68.7 56.6 85.0

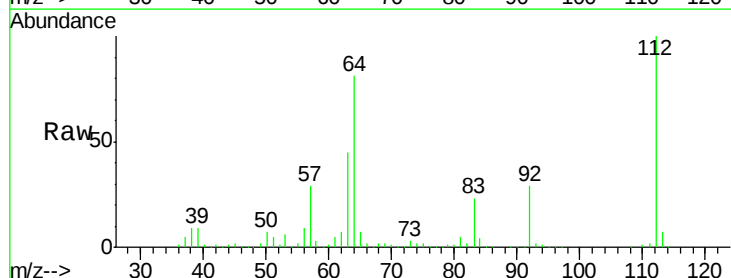


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

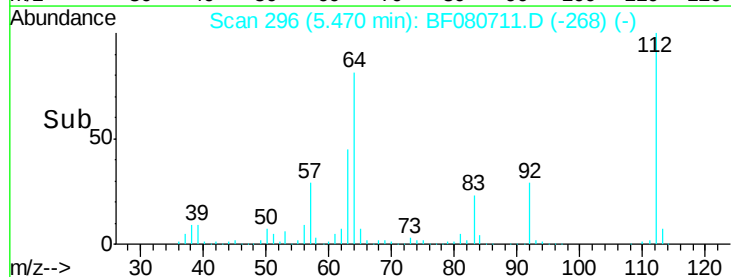
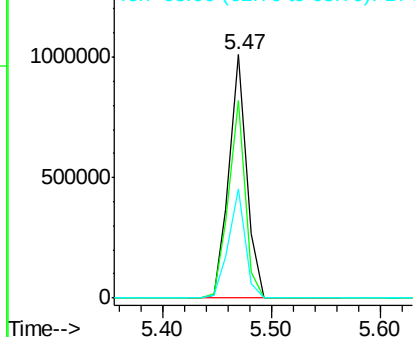


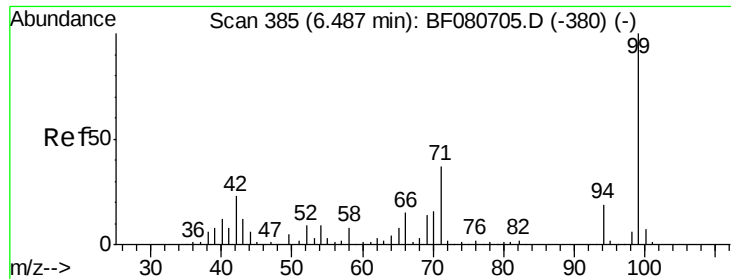
#5
 2-Fluorophenol
 Concen: 110.17 ng
 RT: 5.47 min Scan# 296
 Delta R.T. 0.02 min
 Lab File: BF080711.D
 Acq: 31 Jul 2015 00:55

Tgt Ion:112 Resp: 1140981
 Ion Ratio Lower Upper
 112 100
 64 81.4 66.8 100.2
 63 44.9 36.7 55.1



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: 115.73 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

Instrument :

BNA_F

ClientSampleId :

GRID-3-(6-12)RE

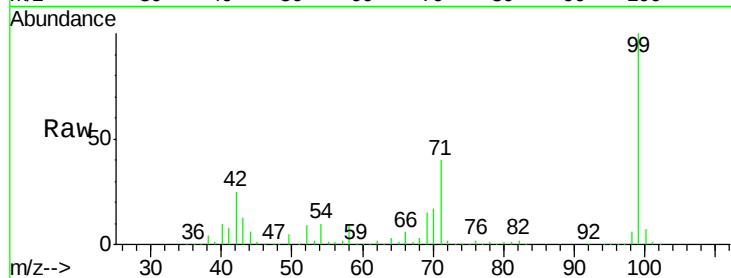
Tgt Ion: 99 Resp: 1631749

Ion Ratio Lower Upper

99 100

42 24.8 18.2 27.2

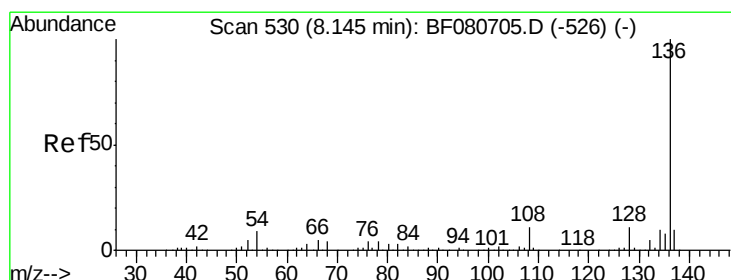
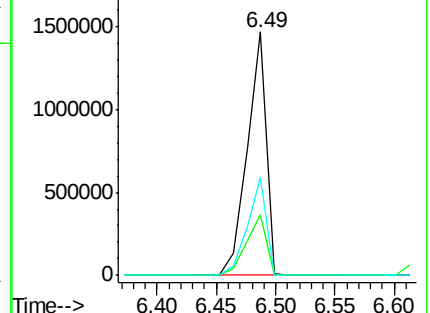
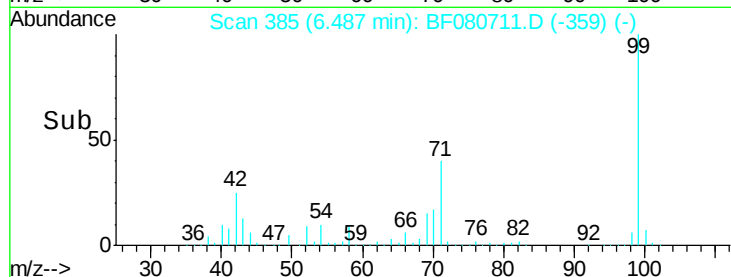
71 40.1 29.5 44.3



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: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

Tgt Ion: 136 Resp: 648768

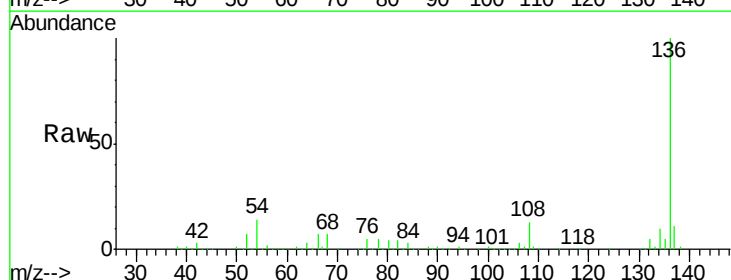
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 13.8 6.9 10.3#

68 6.6 3.5 5.3#

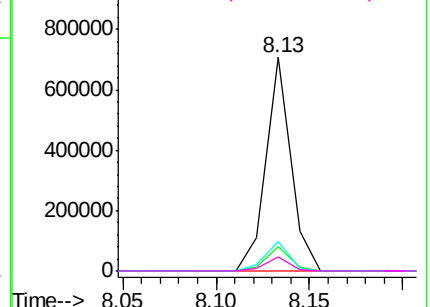
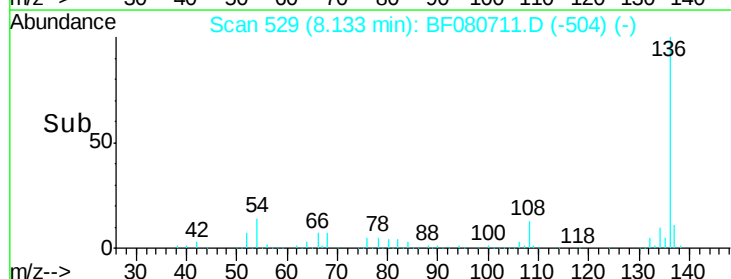


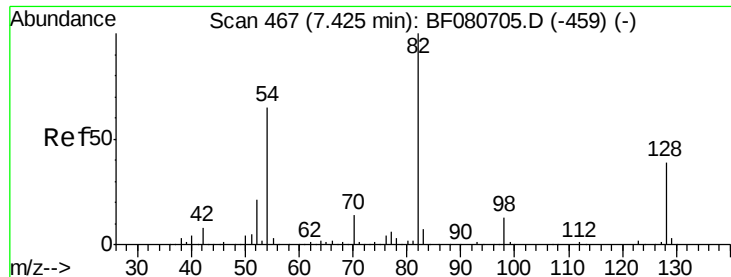
Abundance Ion 136.00 (135.70 to 136.70): E

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

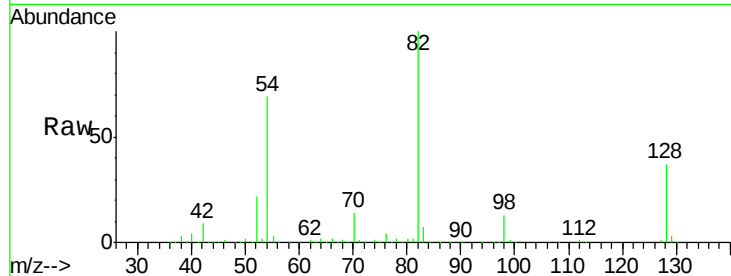




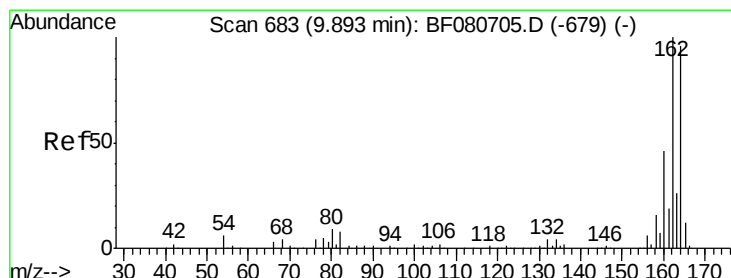
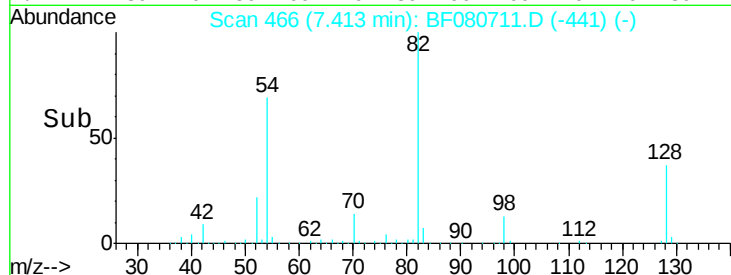
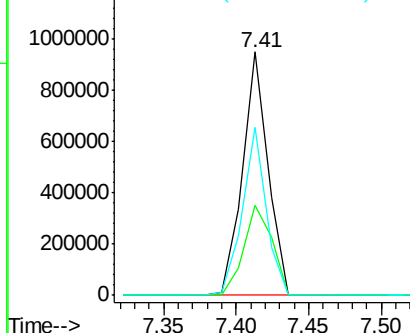
#23
 Nitrobenzene-d5
 Concen: 85.81 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF080711.D
 Acq: 31 Jul 2015 00:55

Instrument :
 BNA_F
 ClientSampleId :
 GRID-3-(6-12)RE

Tgt Ion: 82 Resp: 1149582
 Ion Ratio Lower Upper
 82 100
 128 36.9 31.5 47.3
 54 69.3 51.8 77.8

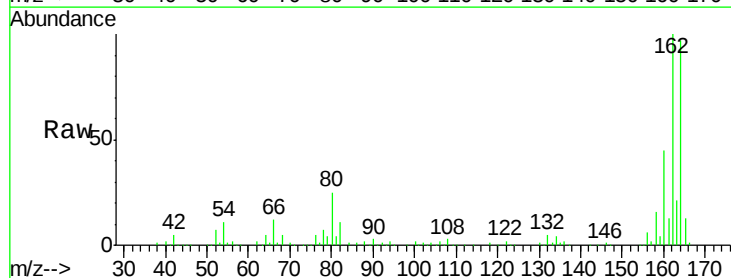


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

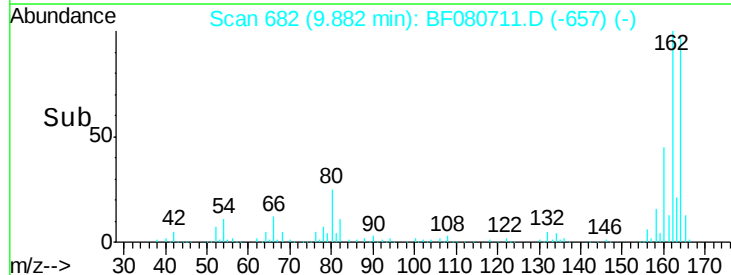
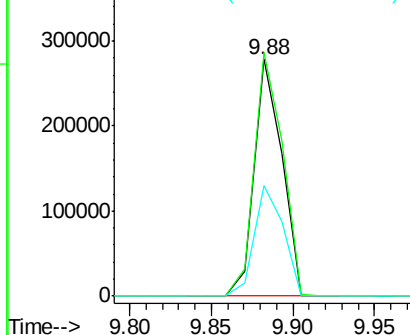


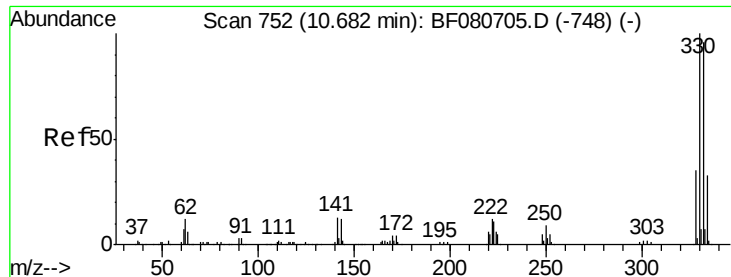
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF080711.D
 Acq: 31 Jul 2015 00:55

Tgt Ion: 164 Resp: 327601
 Ion Ratio Lower Upper
 164 100
 162 102.7 83.4 125.0
 160 46.6 38.0 57.0



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

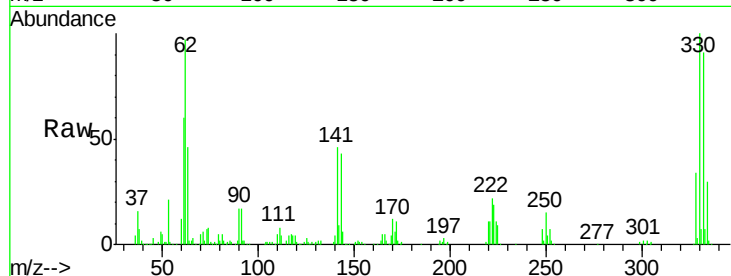




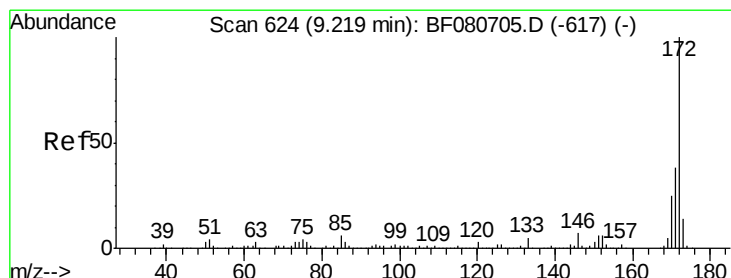
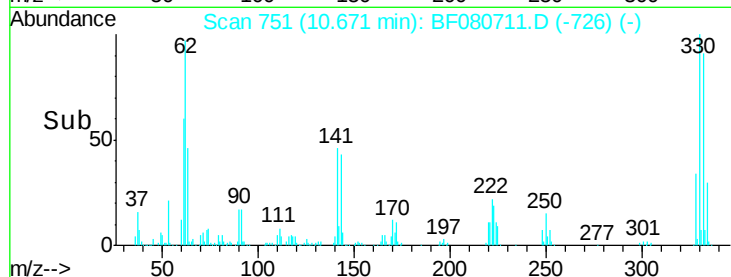
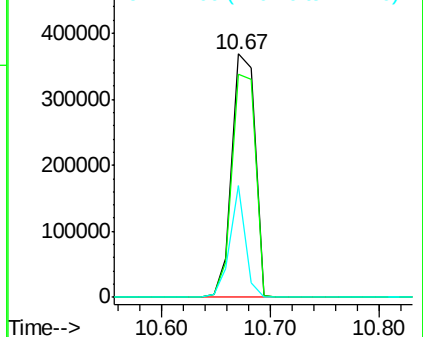
#41
 2,4,6-Tribromophenol
 Concen: 158.70 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080711.D
 Acq: 31 Jul 2015 00:55

Instrument :
 BNA_F
 ClientSampleId :
 GRID-3-(6-12)RE

Tgt Ion:330 Resp: 539464
 Ion Ratio Lower Upper
 330 100
 332 93.1 76.6 114.8
 141 30.6 26.0 39.0

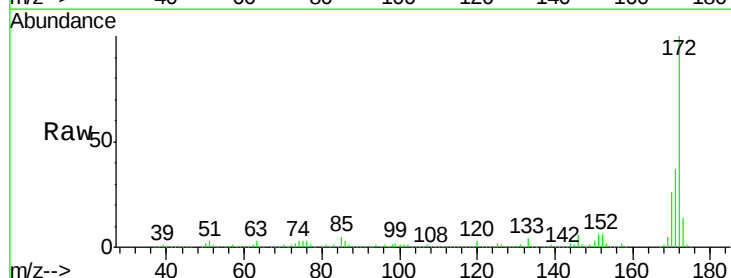


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

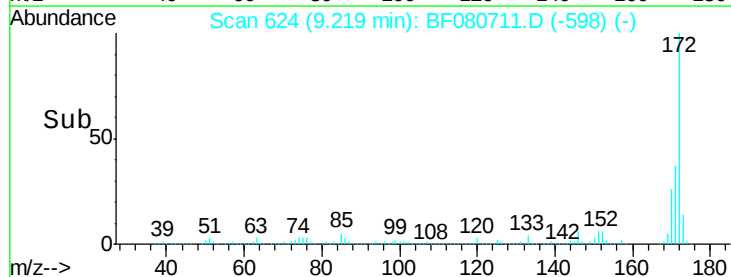
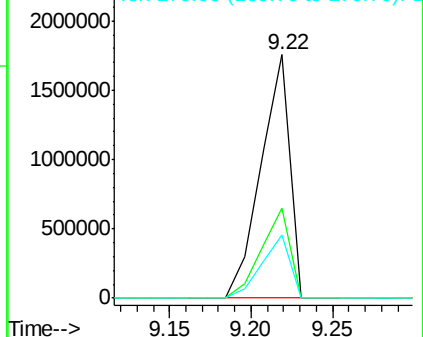


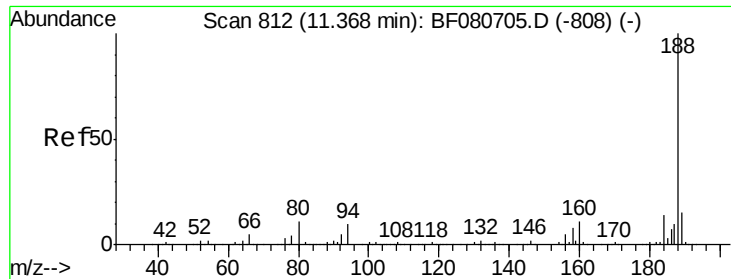
#44
 2-Fluorobiphenyl
 Concen: 98.42 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF080711.D
 Acq: 31 Jul 2015 00:55

Tgt Ion:172 Resp: 2161173
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.2 45.4
 170 25.7 20.2 30.2



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

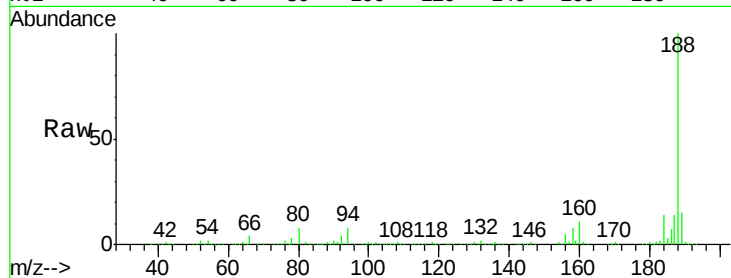




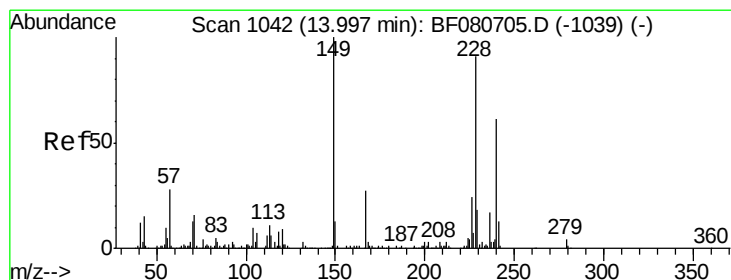
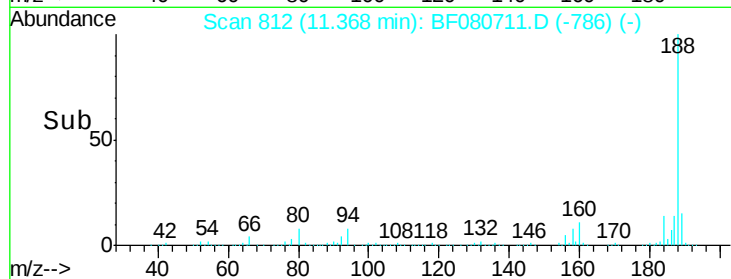
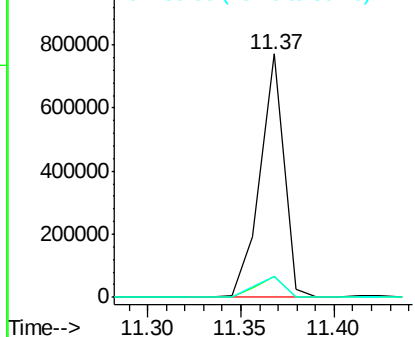
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF080711.D
 Acq: 31 Jul 2015 00:55

Instrument :
 BNA_F
 ClientSampleId :
 GRID-3-(6-12)RE

Tgt Ion:188 Resp: 684493
 Ion Ratio Lower Upper
 188 100
 94 8.4 8.1 12.1
 80 8.5 9.1 13.7#

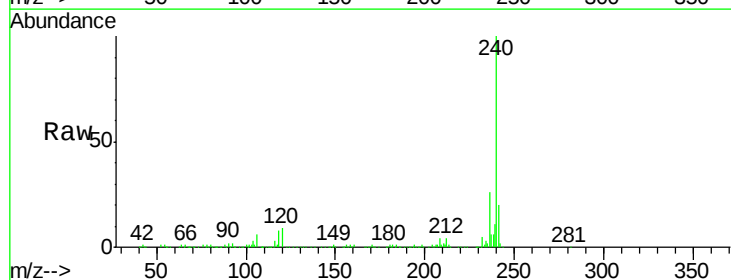


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

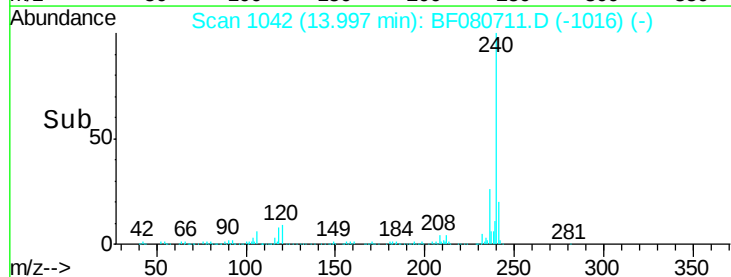
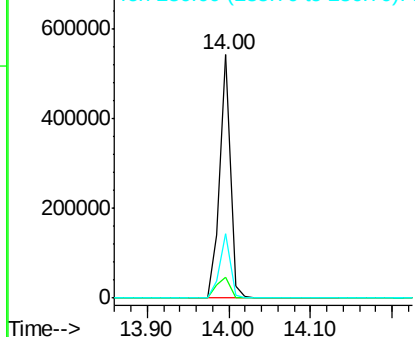


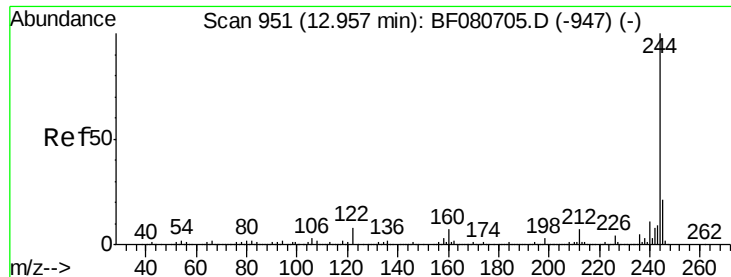
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF080711.D
 Acq: 31 Jul 2015 00:55

Tgt Ion:240 Resp: 495860
 Ion Ratio Lower Upper
 240 100
 120 8.8 11.8 17.8#
 236 26.3 21.8 32.8



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: 72.80 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

Instrument :

BNA_F

ClientSampleId :

GRID-3-(6-12)RE

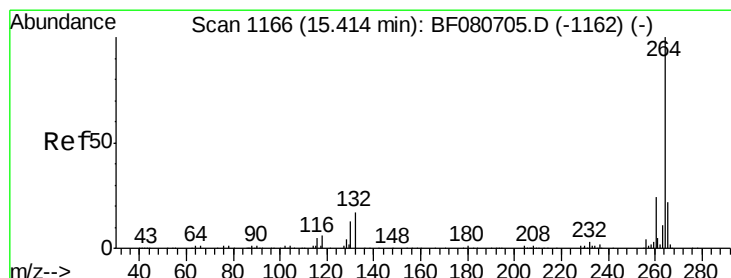
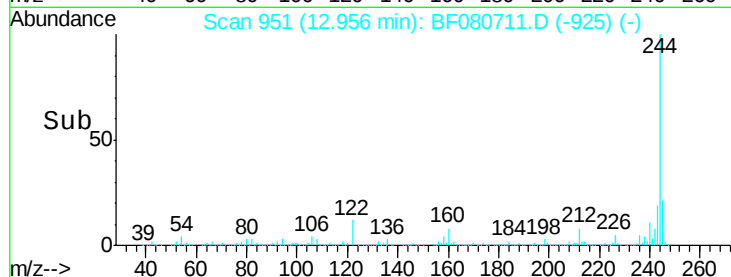
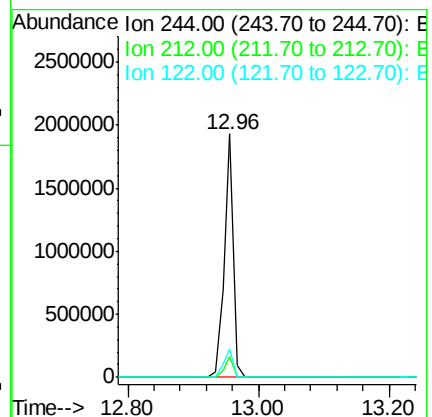
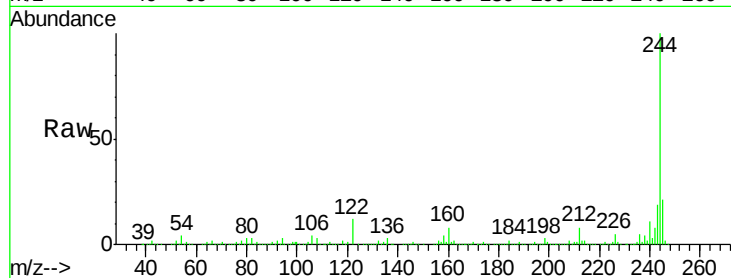
Tgt Ion:244 Resp: 1908581

Ion Ratio Lower Upper

244 100

212 8.4 5.9 8.9

122 11.9 6.6 9.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.41 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

Tgt Ion:264 Resp: 371152

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.0

265 21.5 17.3 25.9

