

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080735.D
 Acq On : 31 Jul 2015 15:39
 Operator : TP/UM
 Sample : PB84765BL
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84765BL

Quant Time: Aug 01 01:28:35 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	159685	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	607379	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	284148	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	604250	20.00	ng	0.00
75) Chrysene-d12	14.00	240	370483	20.00	ng	0.00
86) Perylene-d12	15.41	264	315559	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	960153	103.15	ng	0.01
7) Phenol-d6	6.48	99	1280238	101.02	ng	-0.01
23) Nitrobenzene-d5	7.41	82	902862	71.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	330497	112.09	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1439158	75.56	ng	-0.01
78) Terphenyl-d14	12.96	244	1432429	73.12	ng	0.00

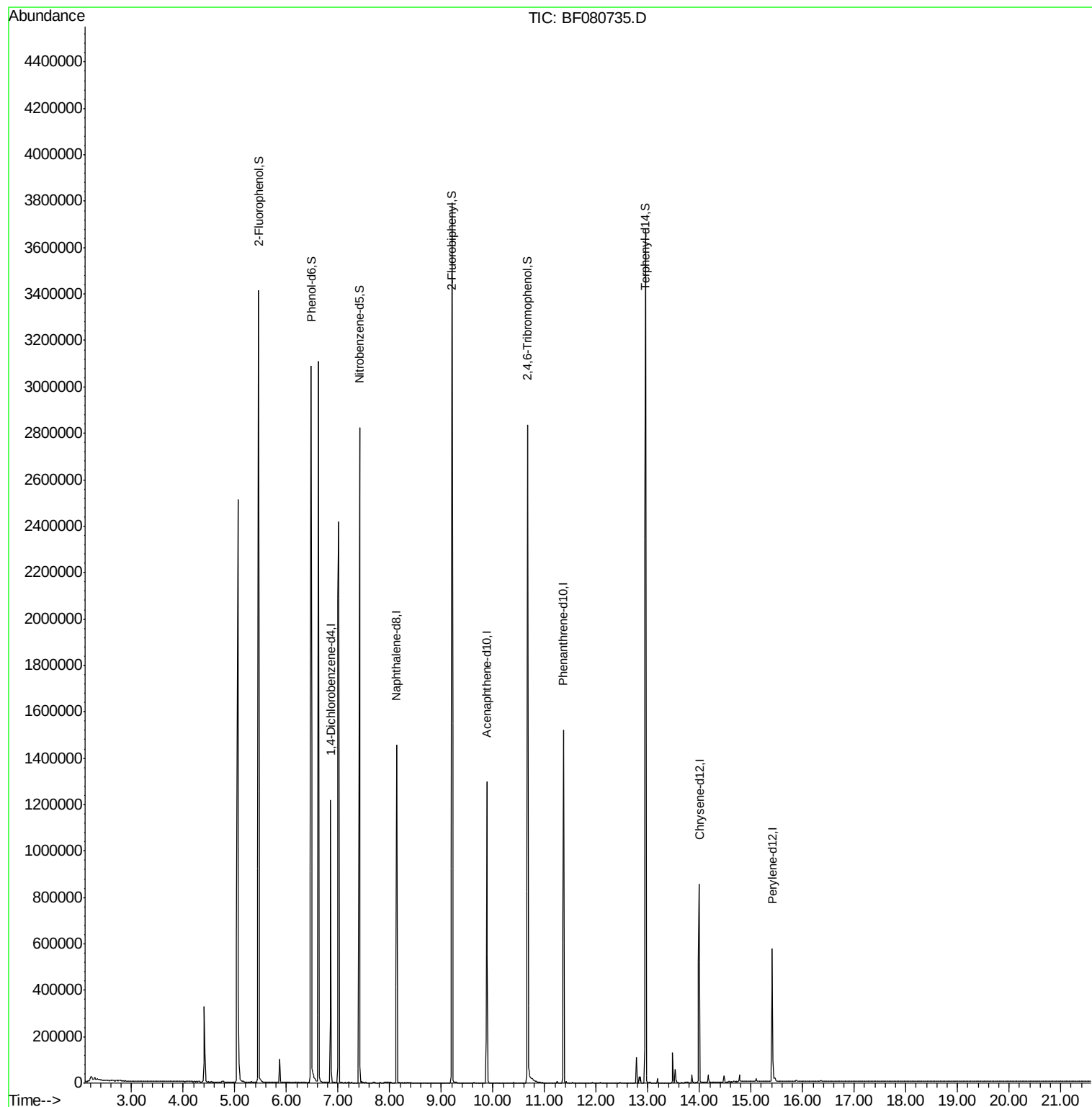
Target Compounds	Qvalue
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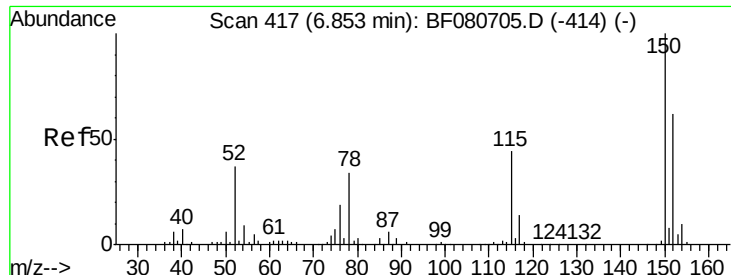
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF080735.D

Acq: 31 Jul 2015 15:39

Instrument :

BNA_F

ClientSampleId :

PB84765BL

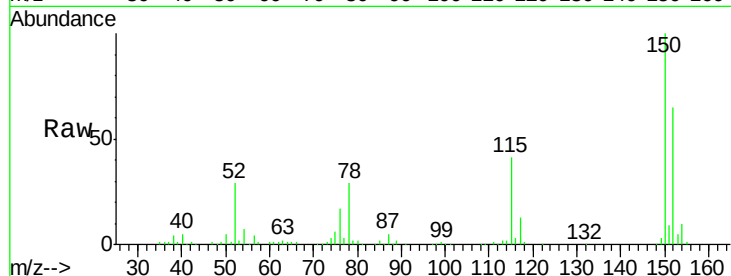
Tgt Ion:152 Resp: 159685

Ion Ratio Lower Upper

152 100

150 154.6 129.6 194.4

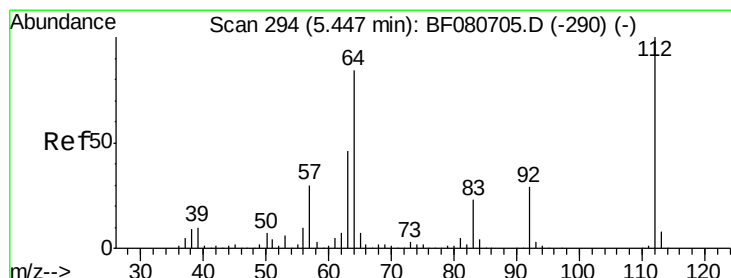
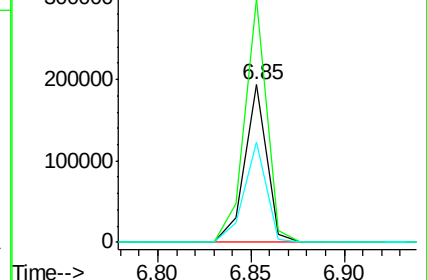
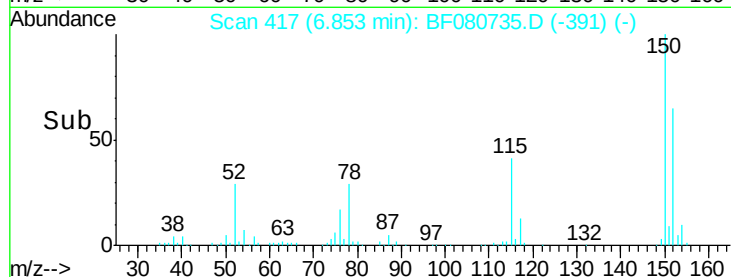
115 64.0 56.6 85.0



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: 103.15 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF080735.D

Acq: 31 Jul 2015 15:39

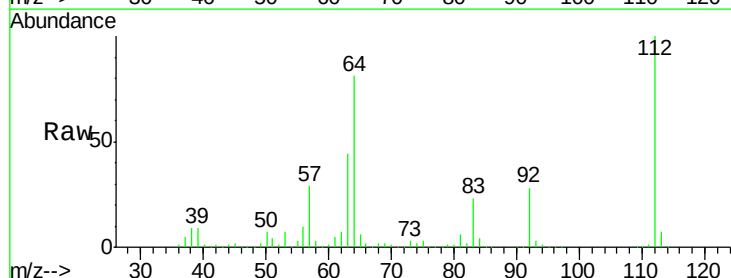
Tgt Ion:112 Resp: 960153

Ion Ratio Lower Upper

112 100

64 81.4 66.8 100.2

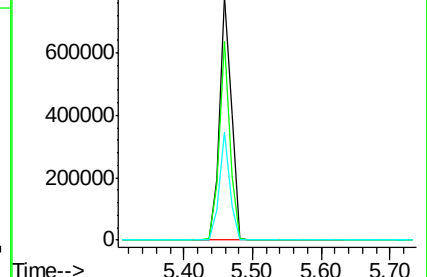
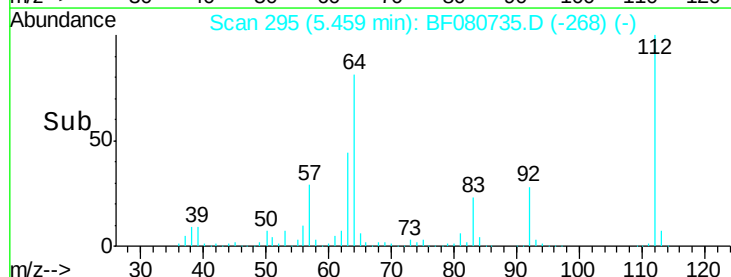
63 44.3 36.7 55.1

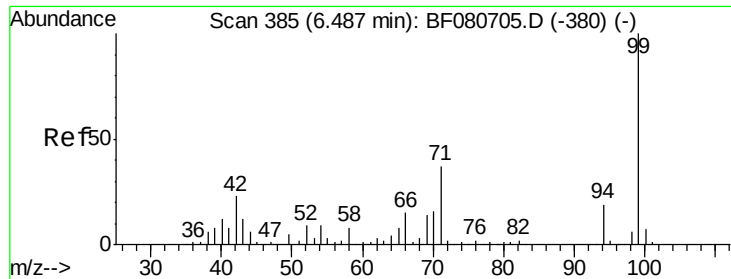


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.02 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080735.D

Acq: 31 Jul 2015 15:39

Instrument :

BNA_F

ClientSampleId :

PB84765BL

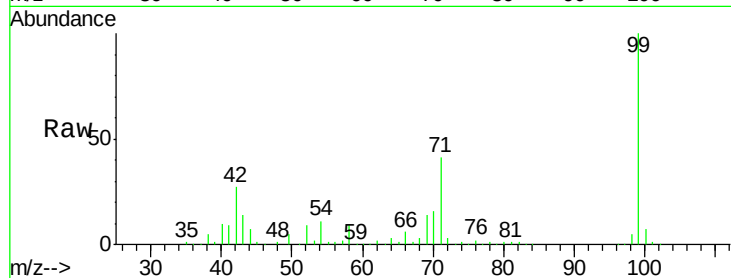
Tgt Ion: 99 Resp: 1280238

Ion Ratio Lower Upper

99 100

42 26.9 18.2 27.2

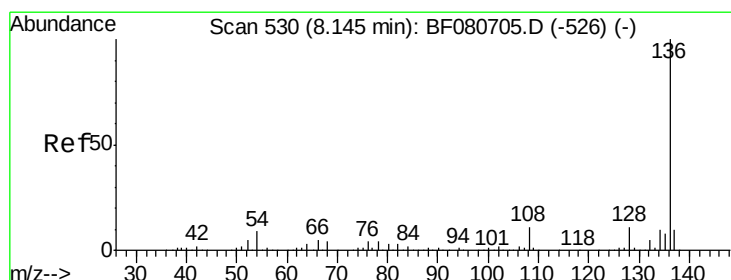
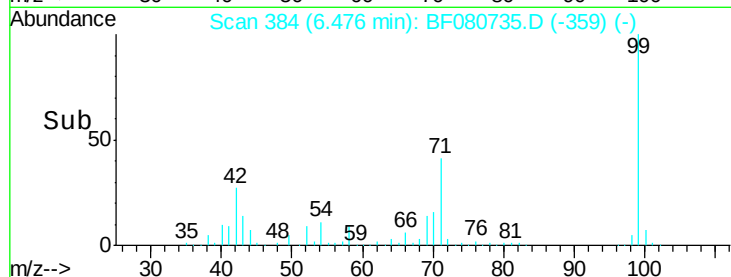
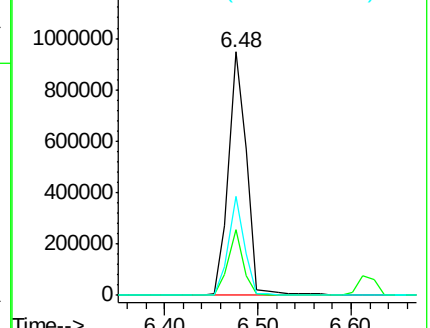
71 40.8 29.5 44.3



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: BF080735.D

Acq: 31 Jul 2015 15:39

Tgt Ion: 136 Resp: 607379

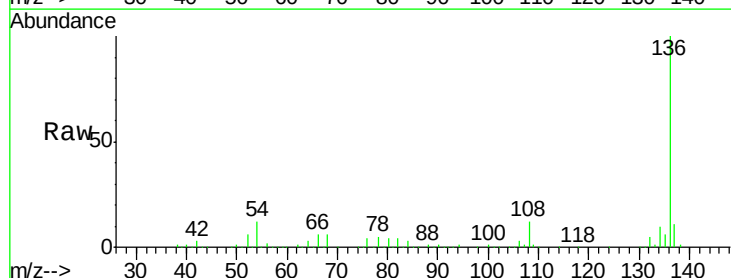
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 12.2 6.9 10.3#

68 6.0 3.5 5.3#

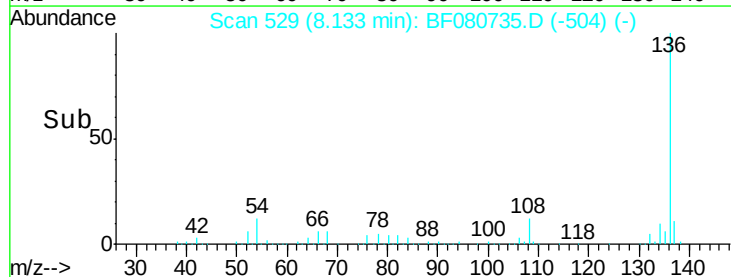
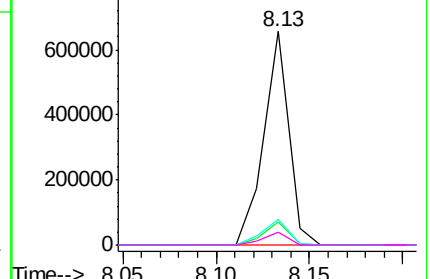


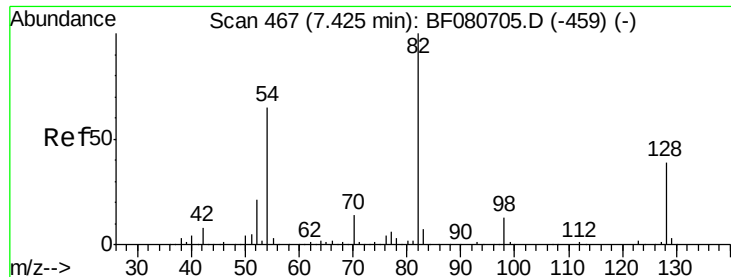
Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.98 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF080735.D

Acq: 31 Jul 2015 15:39

Instrument :

BNA_F

ClientSampleId :

PB84765BL

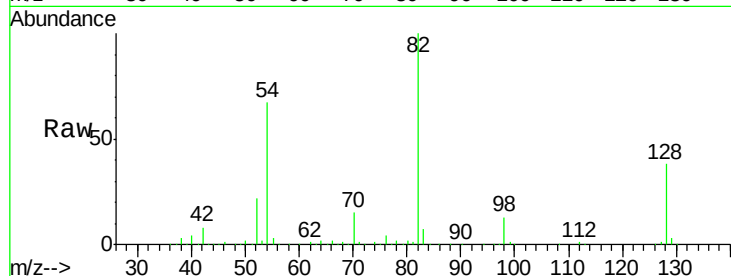
Tgt Ion: 82 Resp: 902862

Ion Ratio Lower Upper

82 100

128 37.7 31.5 47.3

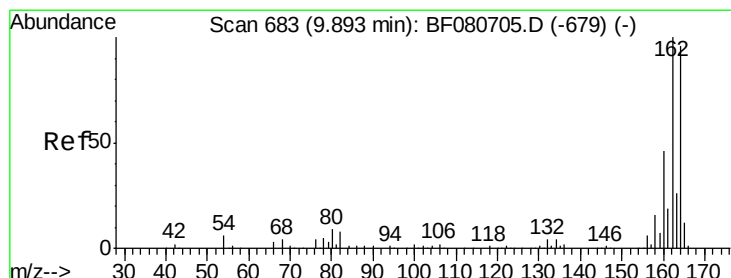
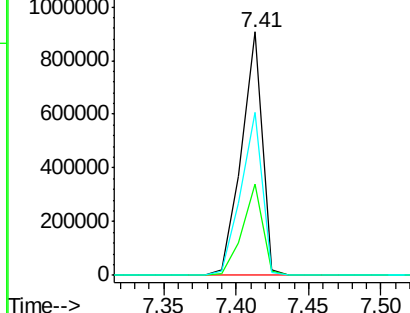
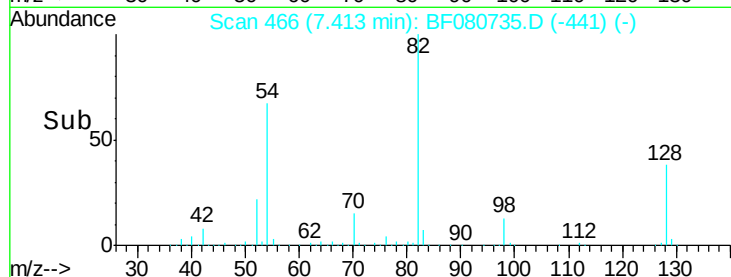
54 67.2 51.8 77.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

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: BF080735.D

Acq: 31 Jul 2015 15:39

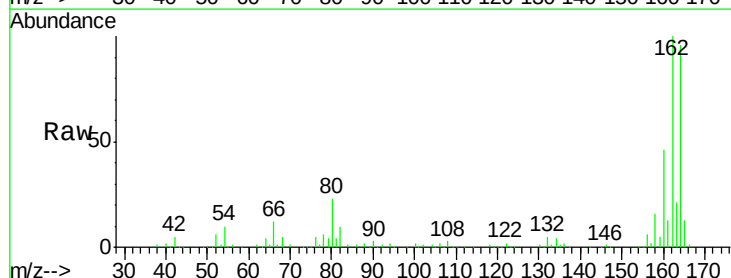
Tgt Ion: 164 Resp: 284148

Ion Ratio Lower Upper

164 100

162 104.6 83.4 125.0

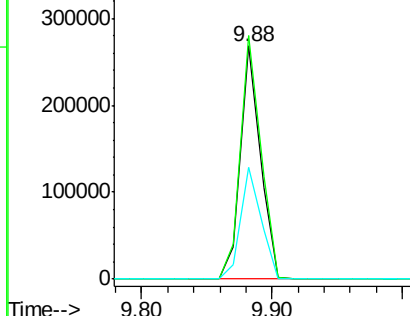
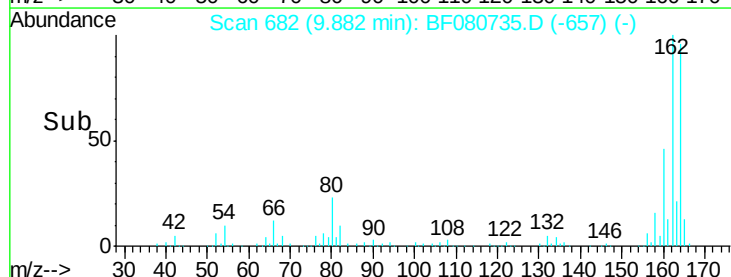
160 48.2 38.0 57.0

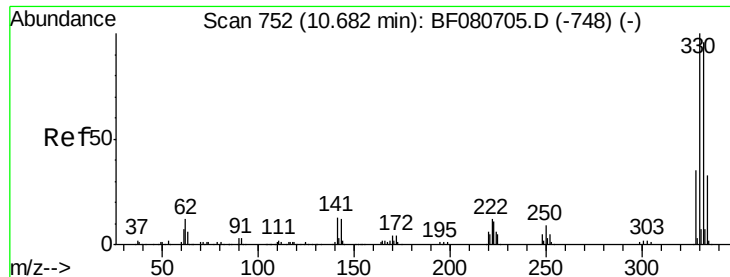


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

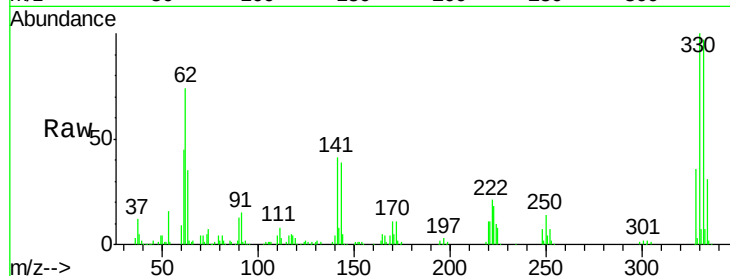




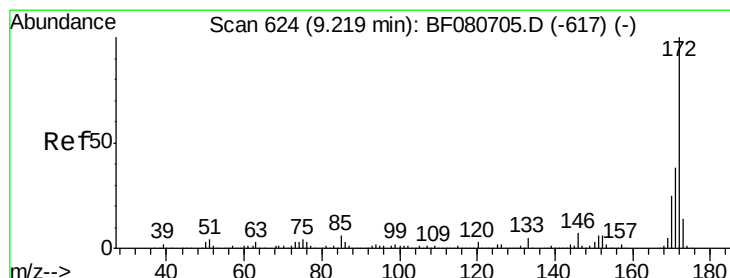
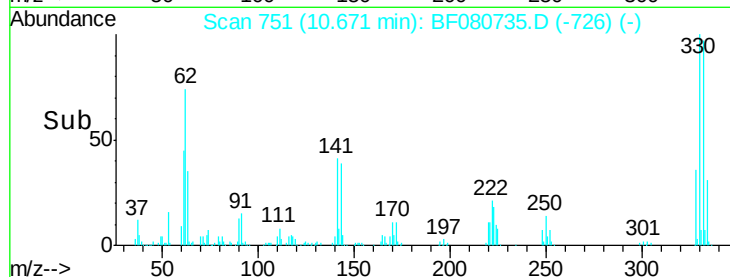
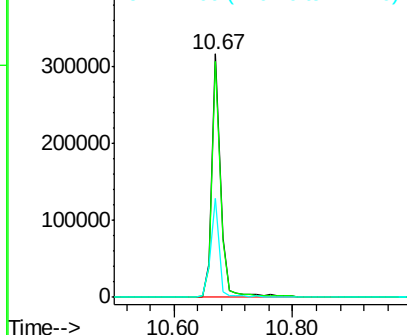
#41
 2,4,6-Tribromophenol
 Concen: 112.09 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080735.D
 Acq: 31 Jul 2015 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84765BL

Tgt Ion:330 Resp: 330497
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 40.0 26.0 39.0#

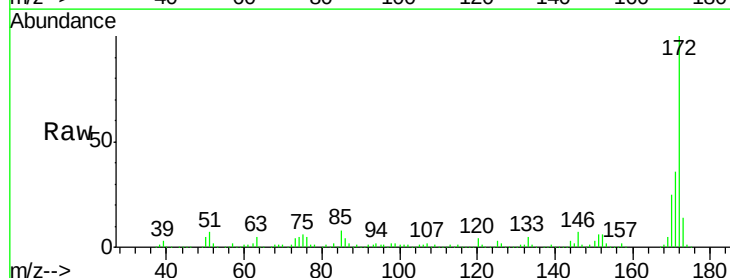


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

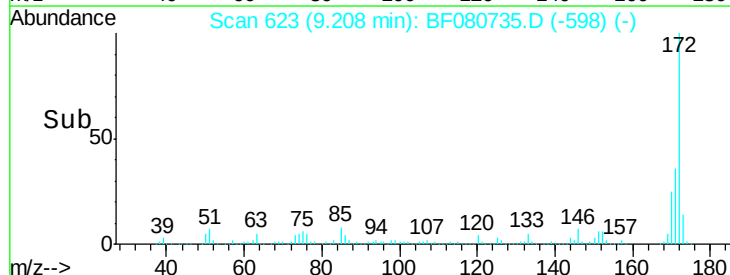
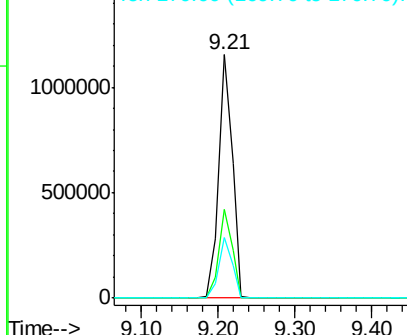


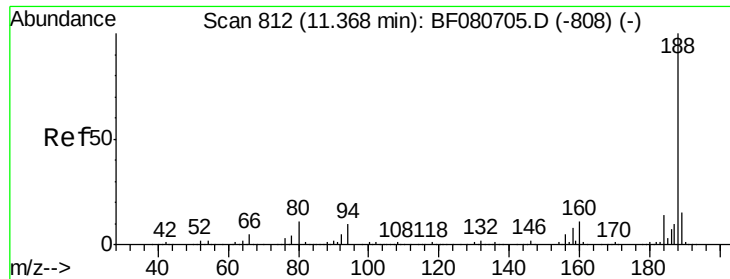
#44
 2-Fluorobiphenyl
 Concen: 75.56 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080735.D
 Acq: 31 Jul 2015 15:39

Tgt Ion:172 Resp: 1439158
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.2 45.4
 170 25.0 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

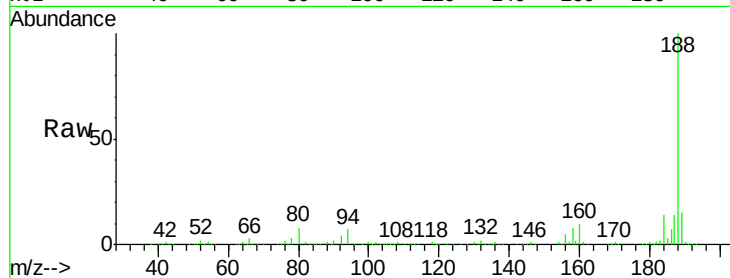




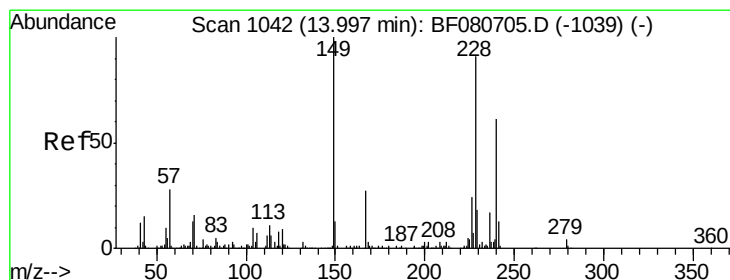
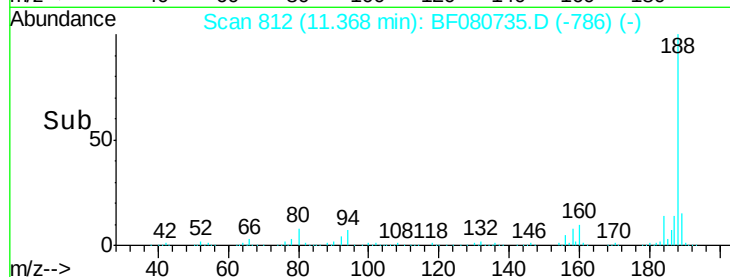
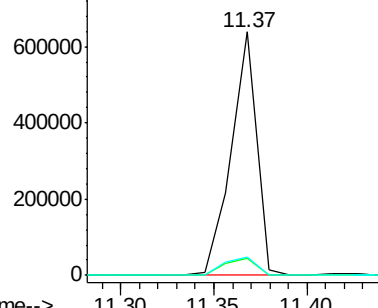
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080735.D
Acq: 31 Jul 2015 15:39

Instrument :
BNA_F
ClientSampleId :
PB84765BL

Tgt Ion:188 Resp: 604250
Ion Ratio Lower Upper
188 100
94 7.0 8.1 12.1#
80 7.5 9.1 13.7#

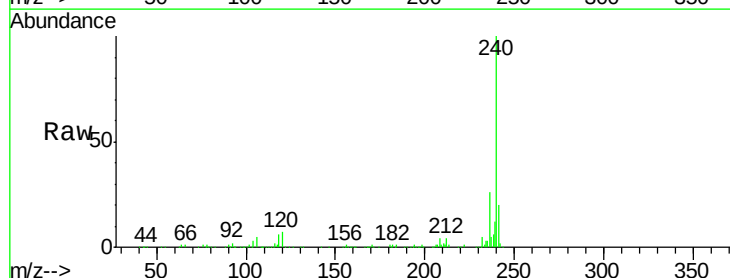


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

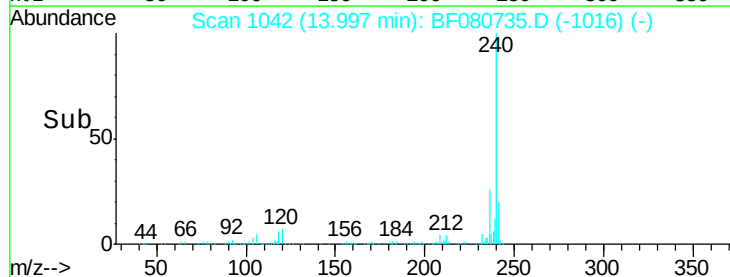
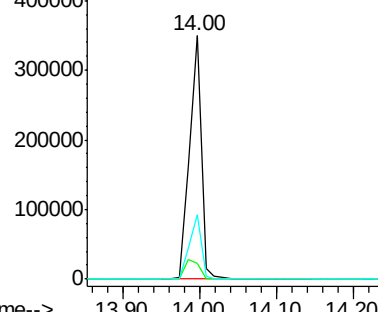


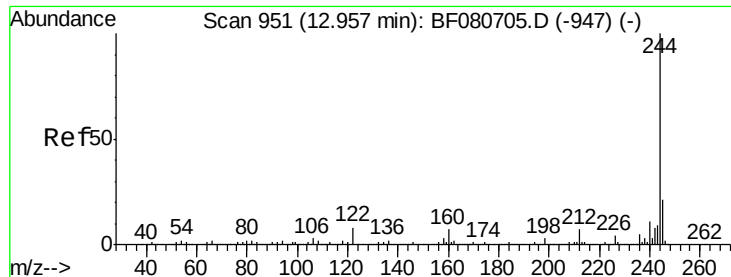
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF080735.D
Acq: 31 Jul 2015 15:39

Tgt Ion:240 Resp: 370483
Ion Ratio Lower Upper
240 100
120 6.6 11.8 17.8#
236 26.2 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: 73.12 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF080735.D

Acq: 31 Jul 2015 15:39

Instrument :

BNA_F

ClientSampleId :

PB84765BL

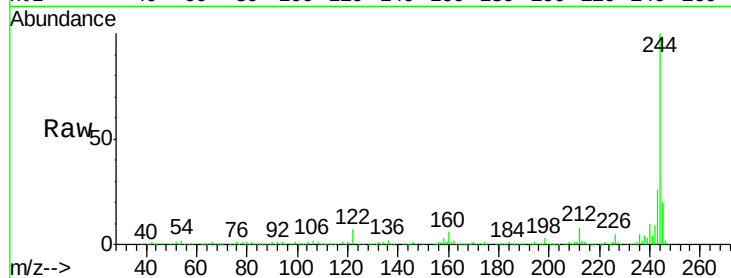
Tgt Ion:244 Resp: 1432429

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

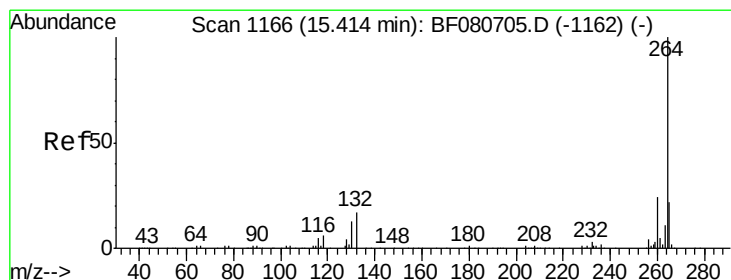
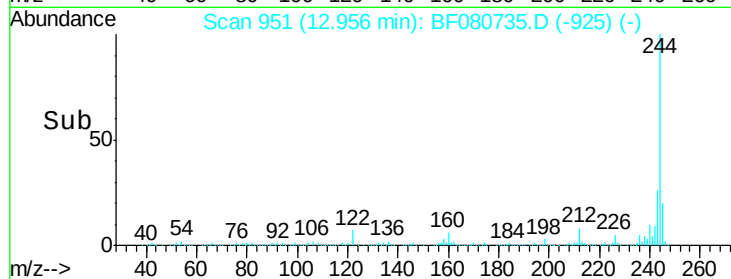
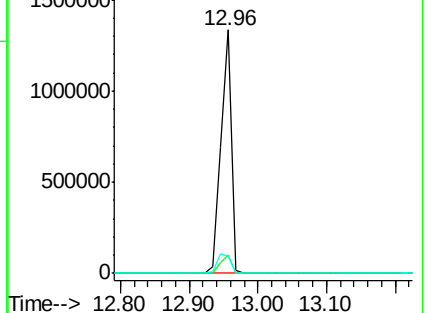
122 6.8 6.6 9.8



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: 15.41 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF080735.D

Acq: 31 Jul 2015 15:39

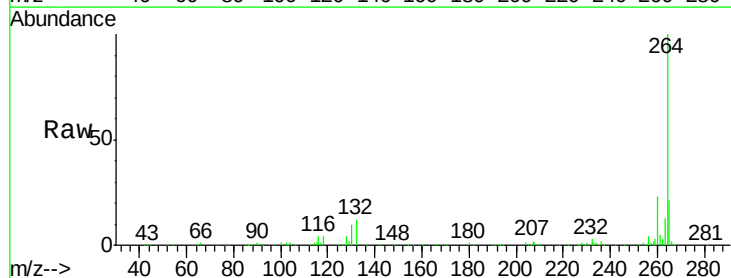
Tgt Ion:264 Resp: 315559

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.0

265 21.5 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

