

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
 Data File : BF081711.D
 Acq On : 21 Sep 2015 12:56
 Operator : UM/IZ
 Sample : G3704-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-9-15-15

Quant Time: Sep 22 01:19:58 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 01:19:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	42598	20.00	ng	-0.01
21) Naphthalene-d8	11.05	136	164585	20.00	ng	-0.02
38) Acenaphthene-d10	15.19	164	79157	20.00	ng	-0.02
63) Phenanthrene-d10	18.70	188	166831	20.00	ng	-0.01
75) Chrysene-d12	23.35	240	136139	20.00	ng	-0.01
86) Perylene-d12	24.79	264	96114	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	144960	52.80	ng	0.00
7) Phenol-d6	7.59	99	122462	33.70	ng	-0.05
23) Nitrobenzene-d5	9.46	82	369323	108.26	ng	-0.05
41) 2,4,6-Tribromophenol	17.10	330	105252	149.33	ng	-0.03
44) 2-Fluorobiphenyl	13.71	172	654175	105.91	ng	-0.03
78) Terphenyl-d14	22.07	244	704589	120.48	ng	-0.01

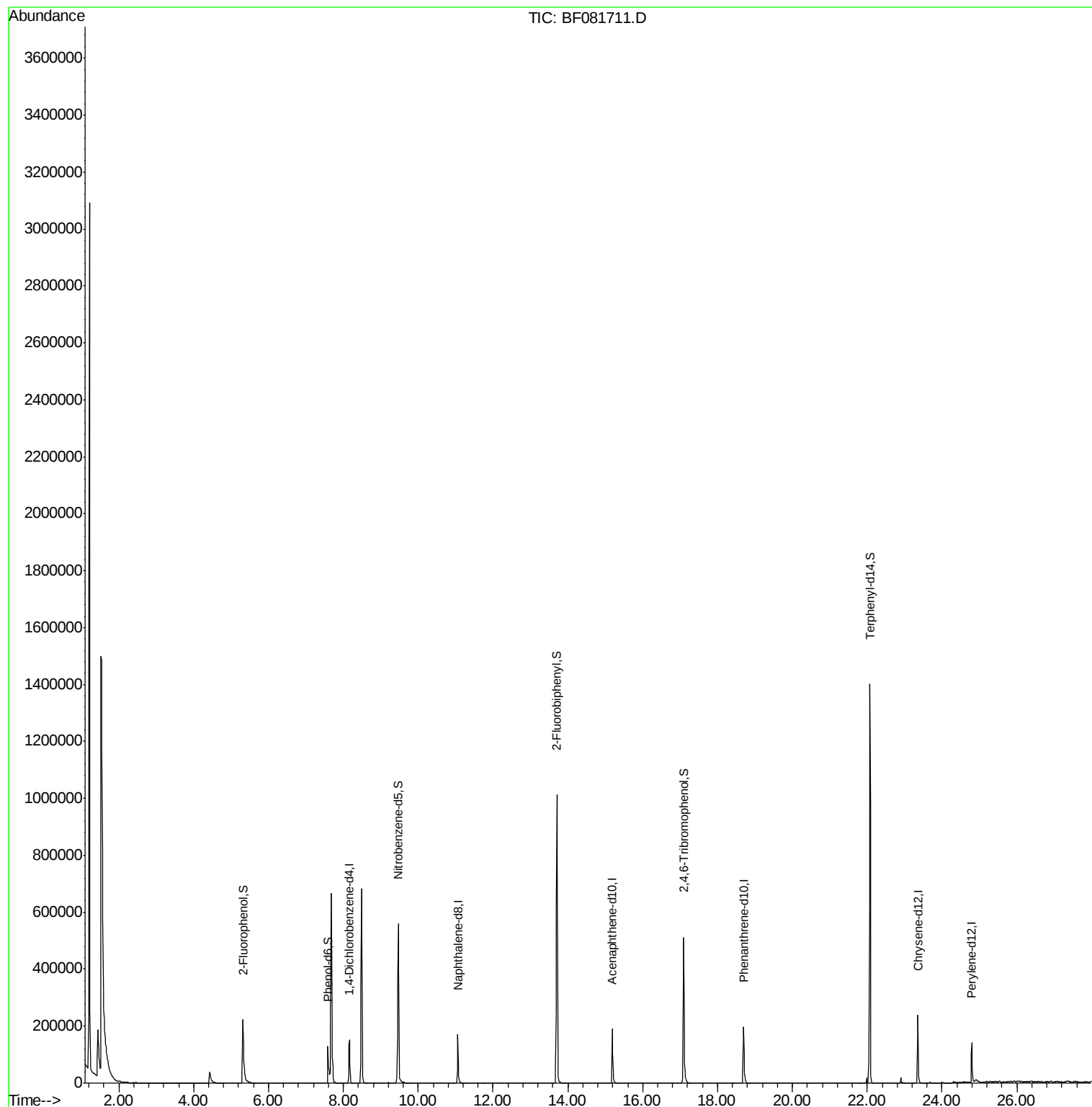
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 619

Delta R.T. -0.01 min

Lab File: BF081711.D

Acq: 21 Sep 2015 12:56

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-9-15-15

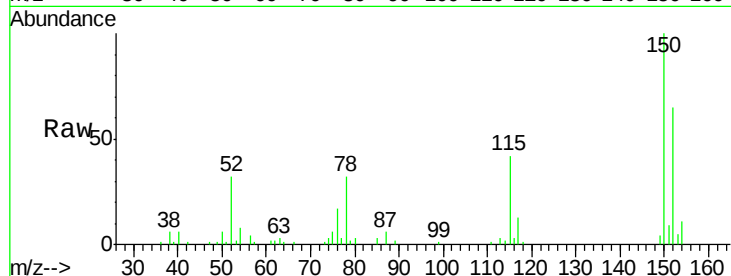
Tot Ion:152 Resp: 42598

Ion Ratio Lower Upper

152 100

150 154.6 124.7 187.1

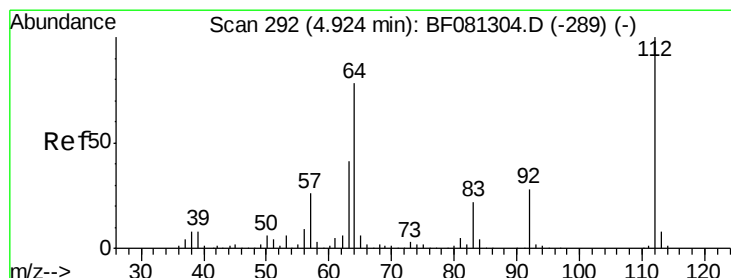
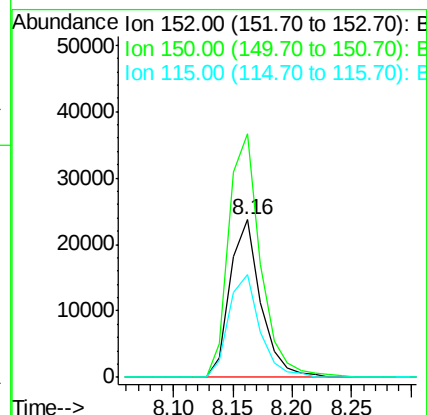
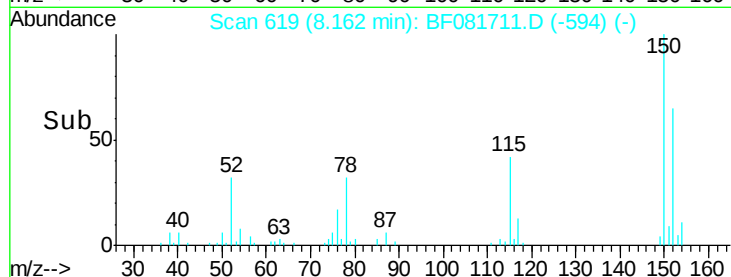
115 65.5 39.0 58.4#



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: 52.80 ng

RT: 5.32 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF081711.D

Acq: 21 Sep 2015 12:56

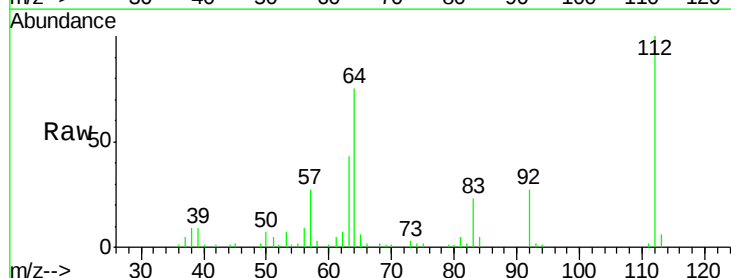
Tgt Ion:112 Resp: 144960

Ion Ratio Lower Upper

112 100

64 75.0 39.7 59.5#

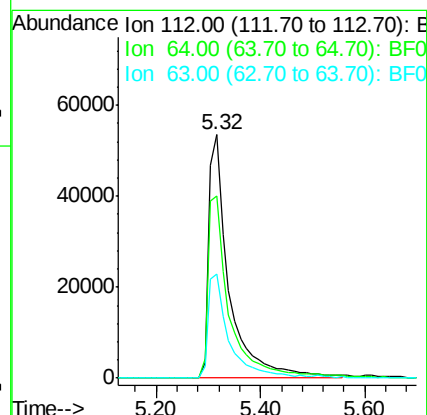
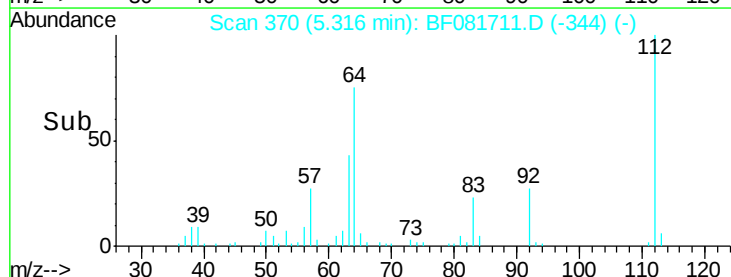
63 42.7 17.4 26.0#

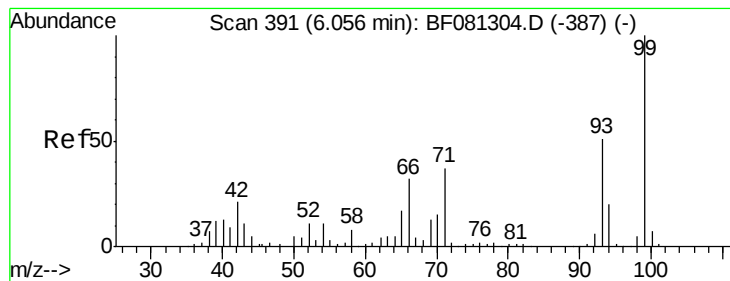


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.70 ng

RT: 7.59 min Scan# 569

Delta R.T. -0.05 min

Lab File: BF081711.D

Acq: 21 Sep 2015 12:56

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-9-15-15

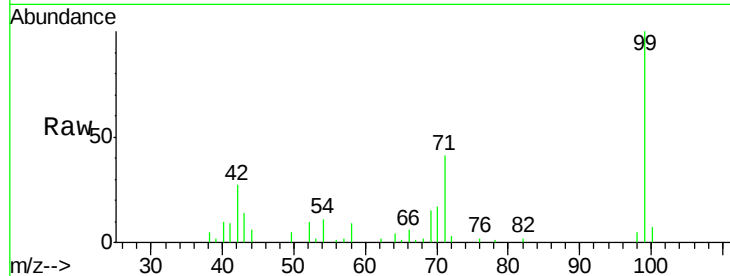
Tot Ion: 99 Resp: 122462

Ion Ratio Lower Upper

99 100

42 26.6 13.7 20.5#

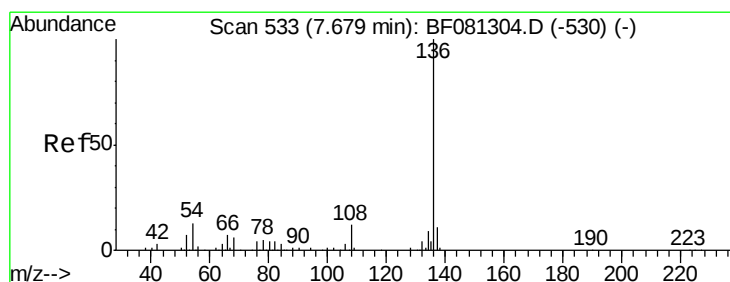
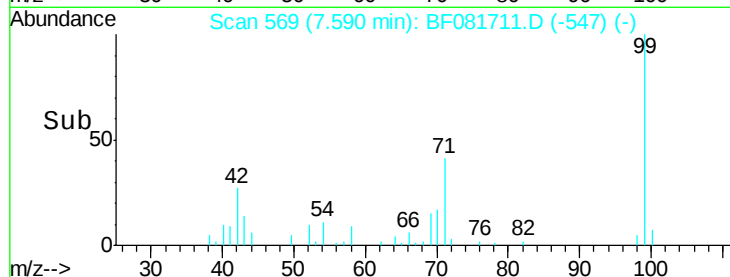
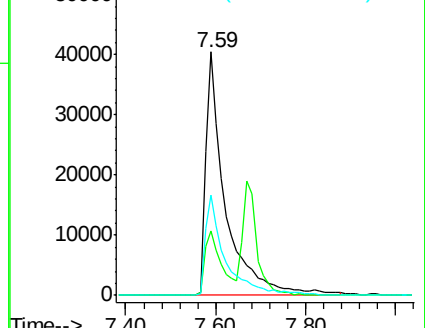
71 41.4 14.2 21.2#



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: 11.05 min Scan# 872

Delta R.T. -0.02 min

Lab File: BF081711.D

Acq: 21 Sep 2015 12:56

Tgt Ion: 136 Resp: 164585

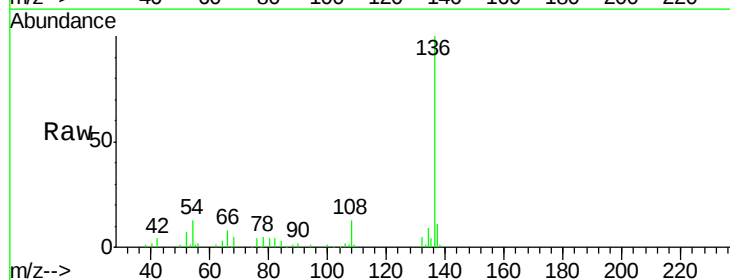
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 12.8 8.2 12.2#

68 5.2 5.8 8.6#

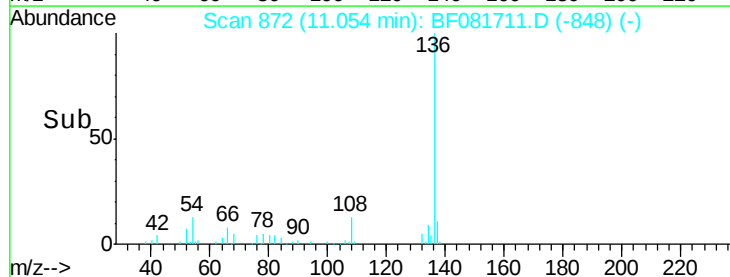
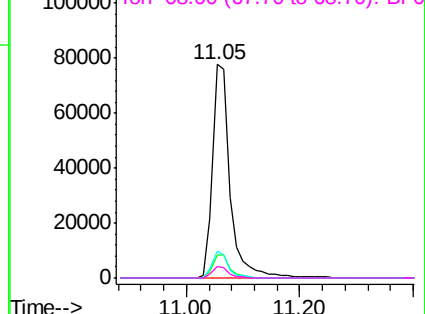


Abundance Ion 136.00 (135.70 to 136.70): E

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

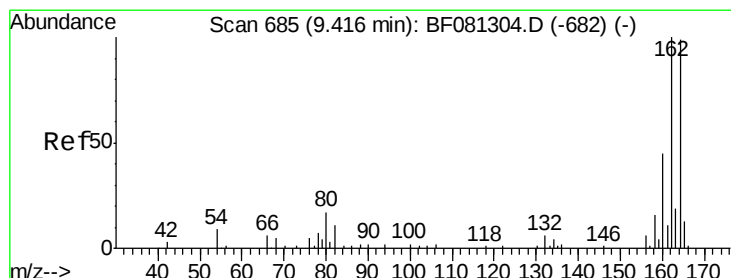
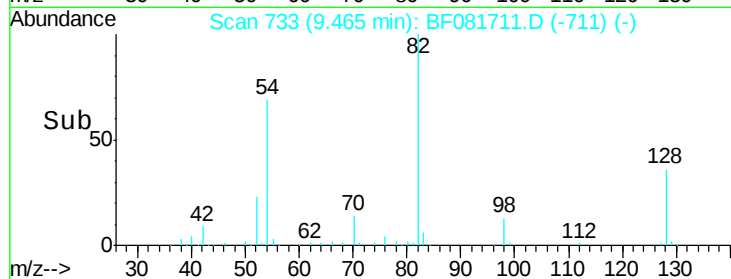
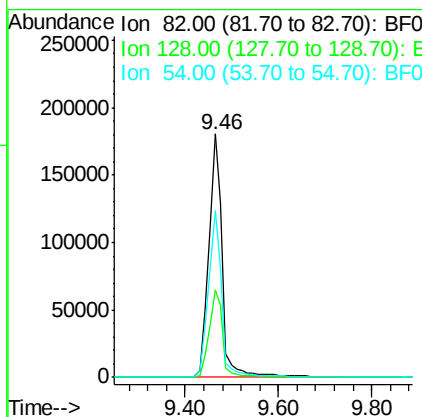
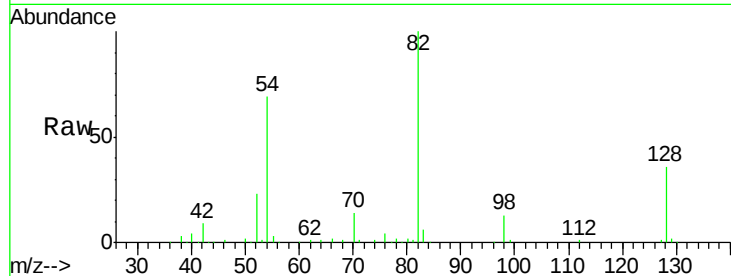




#23
 Nitrobenzene-d5
 Concen: 108.26 ng
 RT: 9.46 min Scan# 733
 Delta R.T. -0.05 min
 Lab File: BF081711.D
 Acq: 21 Sep 2015 12:56

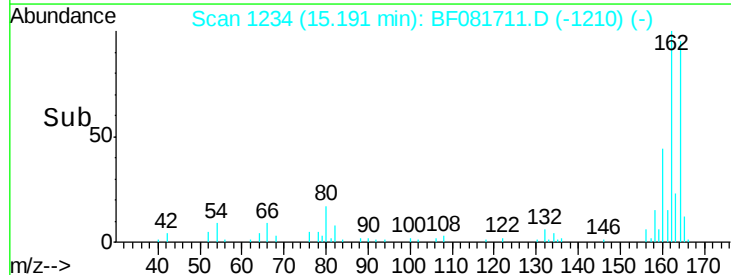
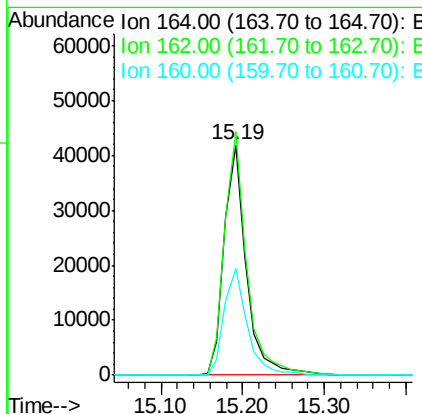
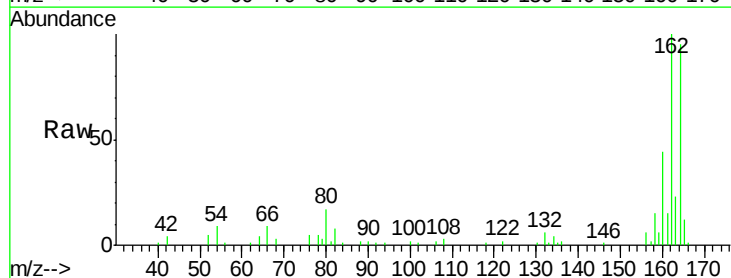
Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-9-15-15

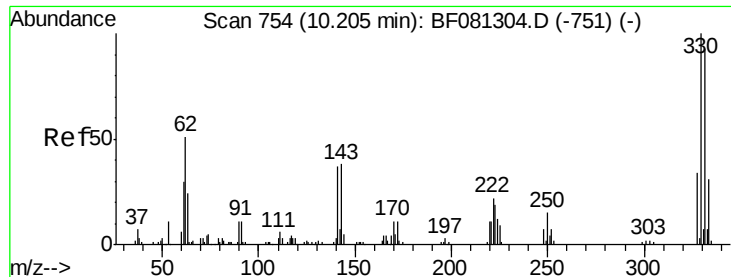
Tot Ion: 82 Resp: 369323
 Ion Ratio Lower Upper
 82 100
 128 36.1 51.0 76.6#
 54 68.6 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.19 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BF081711.D
 Acq: 21 Sep 2015 12:56

Tgt Ion:164 Resp: 79157
 Ion Ratio Lower Upper
 164 100
 162 105.8 75.2 112.8
 160 46.3 31.5 47.3

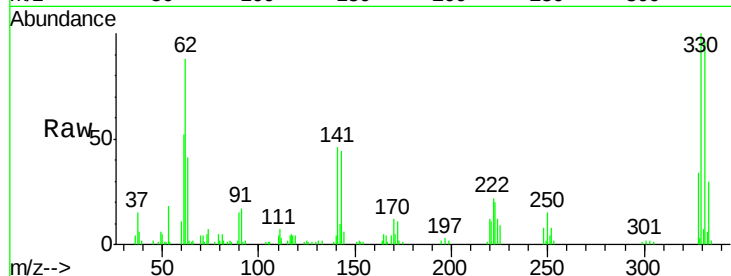




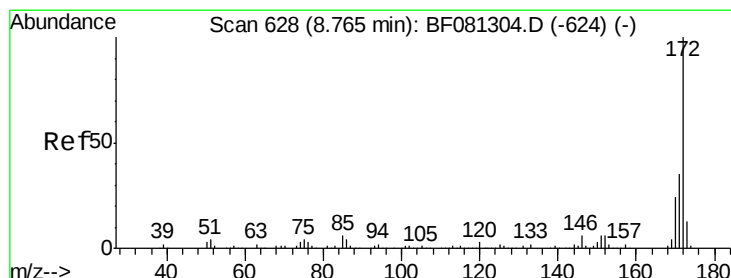
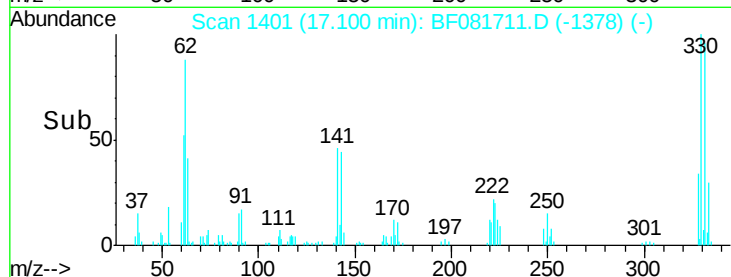
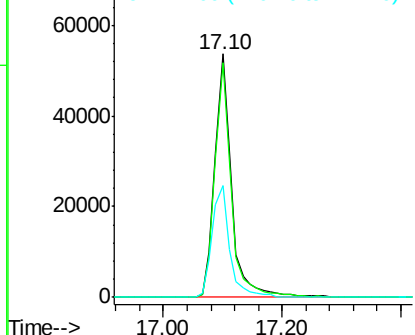
#41
 2,4,6-Tribromophenol
 Concen: 149.33 ng
 RT: 17.10 min Scan# 1401
 Delta R.T. -0.03 min
 Lab File: BF081711.D
 Acq: 21 Sep 2015 12:56

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-9-15-15

Tot Ion:330 Resp: 105252
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.6 114.8
 141 48.1 29.7 44.5#

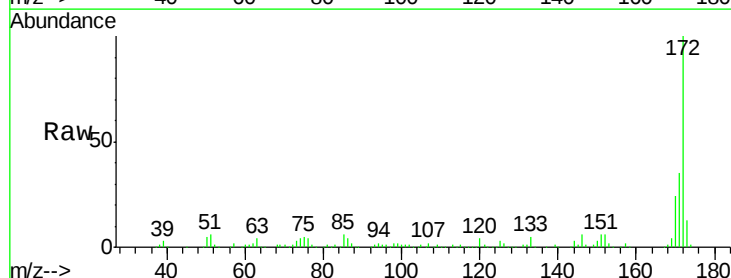


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

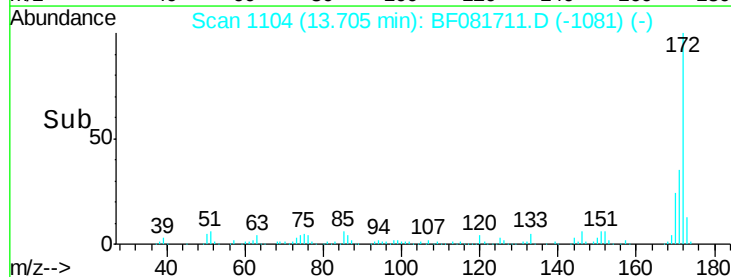
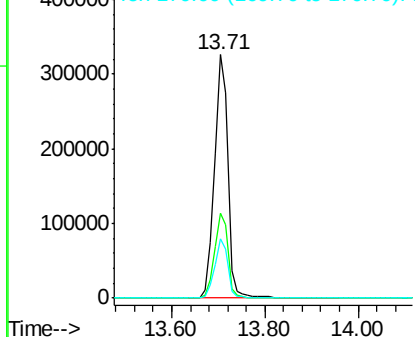


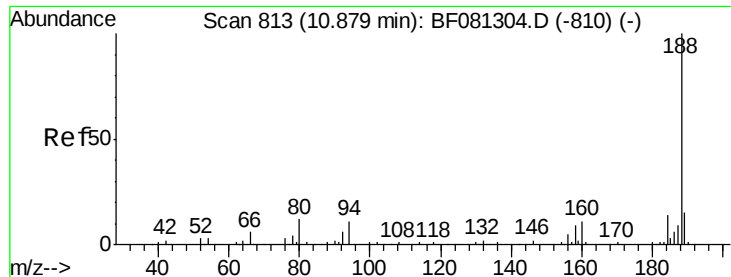
#44
 2-Fluorobiphenyl
 Concen: 105.91 ng
 RT: 13.71 min Scan# 1104
 Delta R.T. -0.03 min
 Lab File: BF081711.D
 Acq: 21 Sep 2015 12:56

Tgt Ion:172 Resp: 654175
 Ion Ratio Lower Upper
 172 100
 171 35.1 26.1 39.1
 170 24.3 17.4 26.2



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

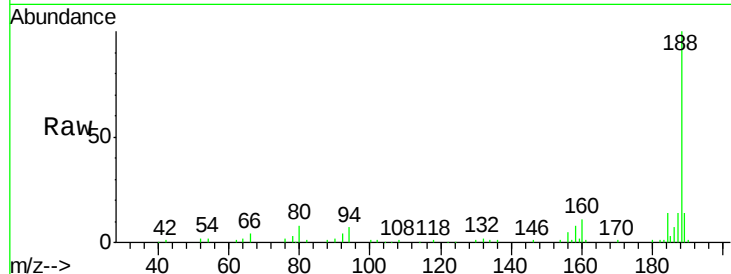




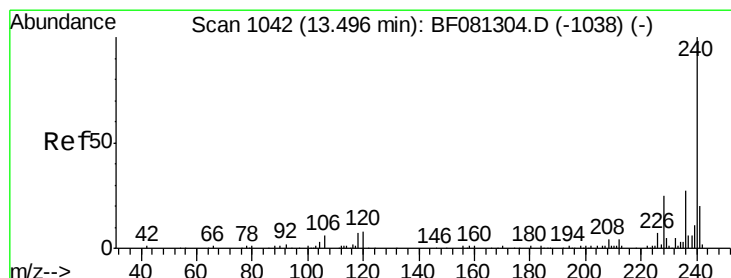
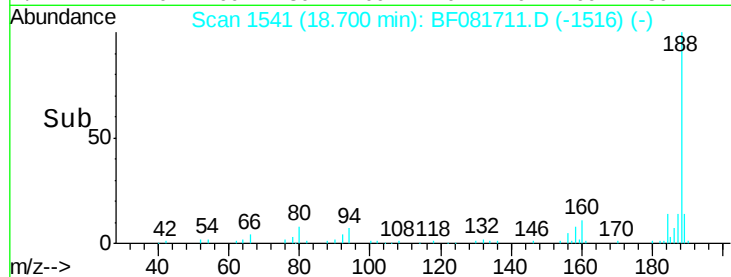
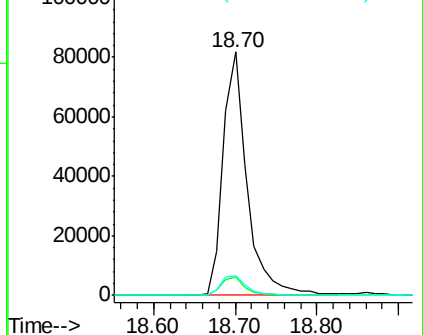
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.70 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF081711.D
Acq: 21 Sep 2015 12:56

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-9-15-15

Tot Ion:188 Resp: 166831
Ion Ratio Lower Upper
188 100
94 7.4 11.1 16.7#
80 8.2 11.0 16.4#

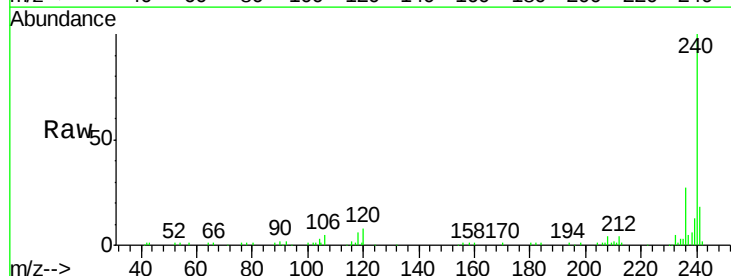


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

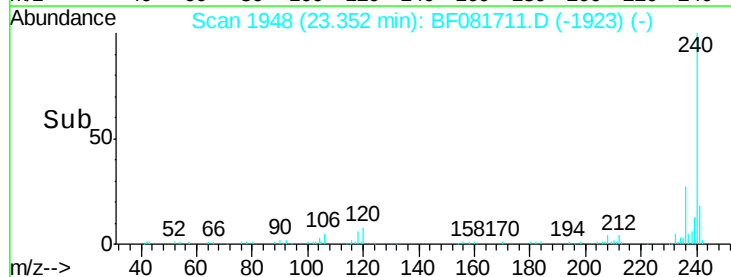
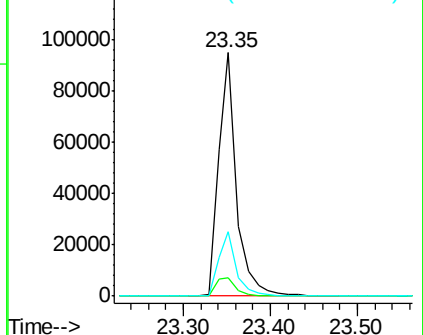


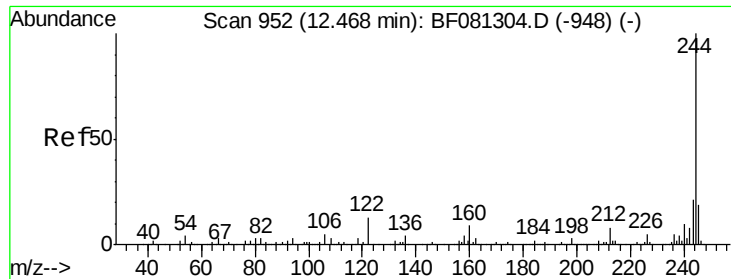
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BF081711.D
Acq: 21 Sep 2015 12:56

Tgt Ion:240 Resp: 136139
Ion Ratio Lower Upper
240 100
120 7.6 16.2 24.2#
236 26.7 18.4 27.6



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: 120.48 ng

RT: 22.07 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF081711.D

Acq: 21 Sep 2015 12:56

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-9-15-15

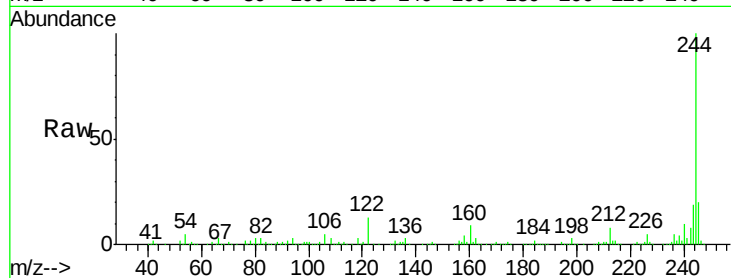
Tot Ion:244 Resp: 704589

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

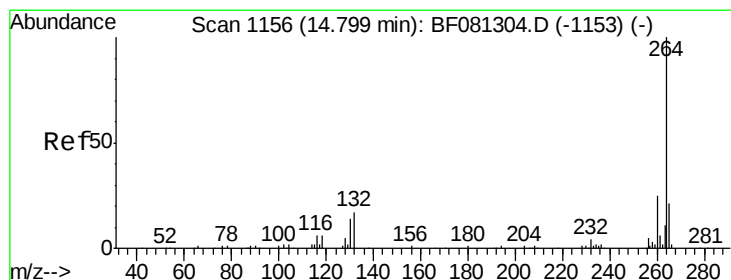
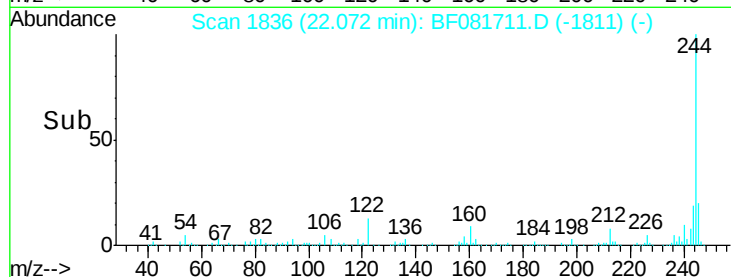
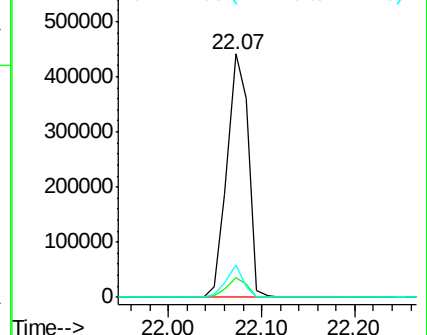
122 13.2 17.4 26.2#



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: 24.79 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BF081711.D

Acq: 21 Sep 2015 12:56

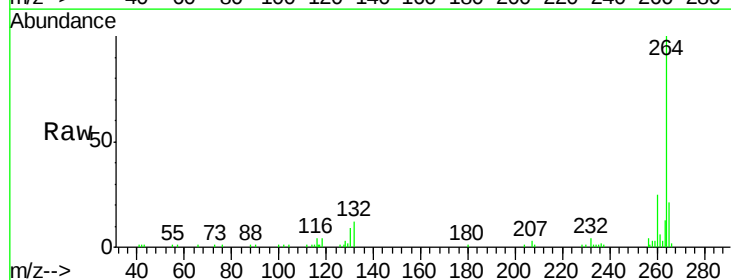
Tgt Ion:264 Resp: 96114

Ion Ratio Lower Upper

264 100

260 24.6 16.7 25.1

265 21.3 17.2 25.8



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

