

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080657.D
 Acq On : 25 Jul 2015 8:25
 Operator : TP/UM
 Sample : G3079-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-7-22-15

Quant Time: Jul 27 01:45:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	58214	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	222540	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	123279	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	246531	20.00	ng	0.00
75) Chrysene-d12	14.24	240	241753	20.00	ng	0.08
86) Perylene-d12	15.88	264	213941	20.00	ng	0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	148186	42.86	ng	0.00
7) Phenol-d6	6.53	99	98608	23.88	ng	-0.01
23) Nitrobenzene-d5	7.49	82	283356	63.95	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	124730	112.61	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	522566	65.40	ng	0.00
78) Terphenyl-d14	13.08	244	716225	63.79	ng	0.02

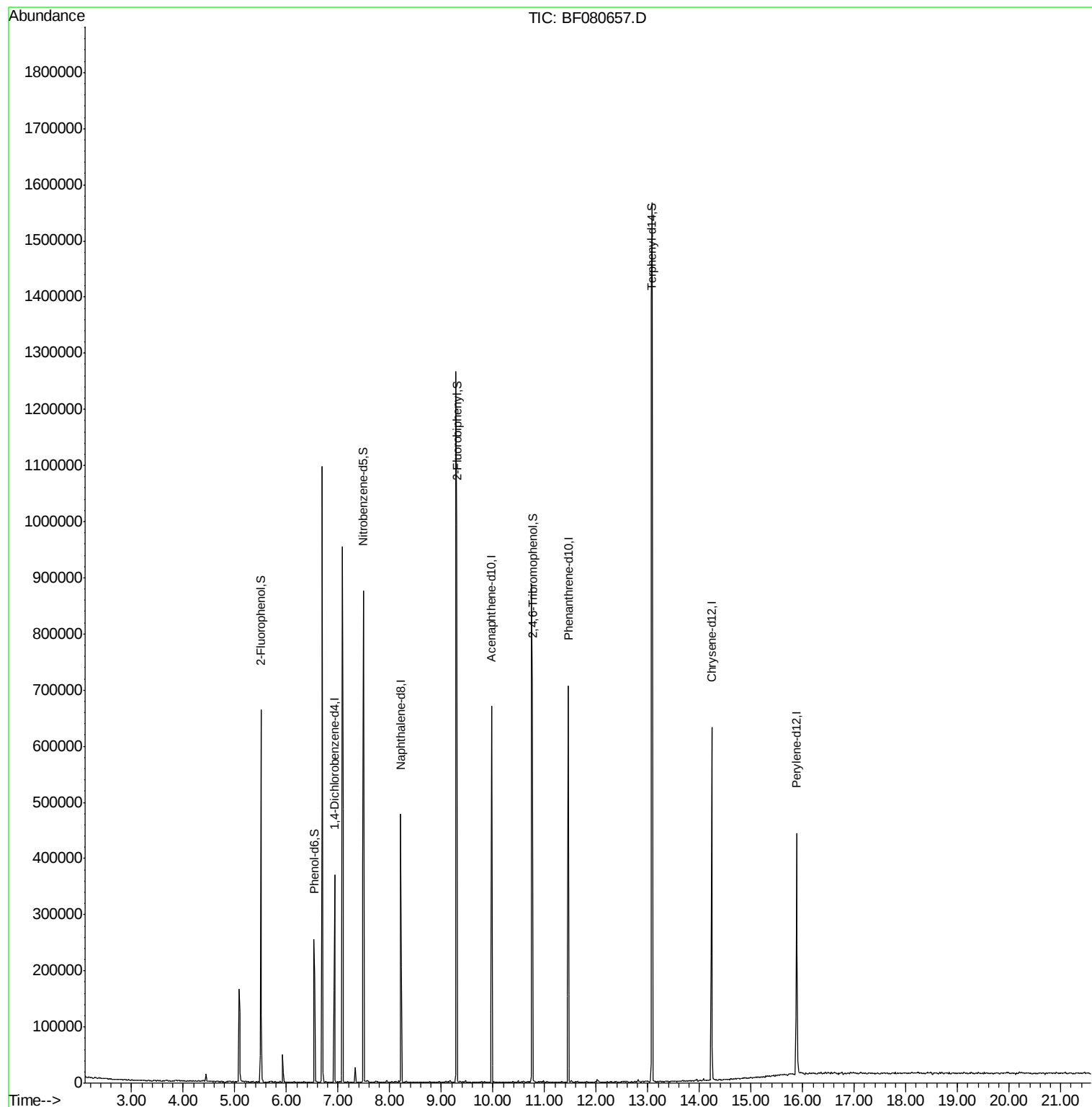
Target Compounds	Qvalue
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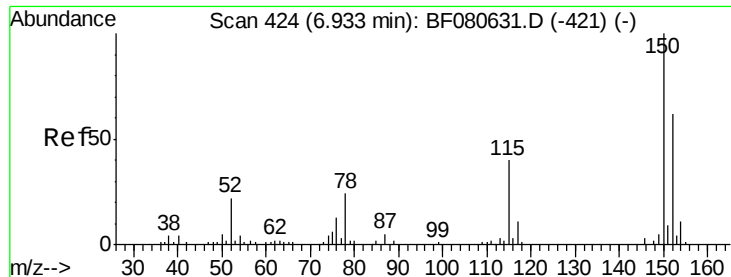
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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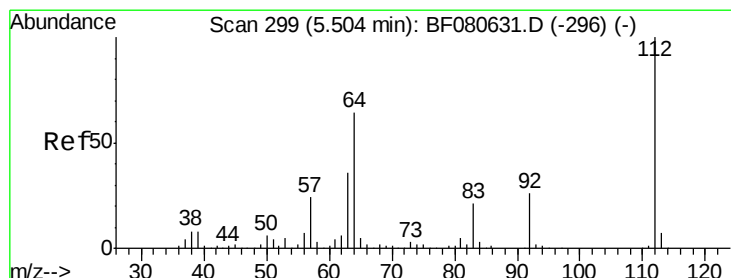
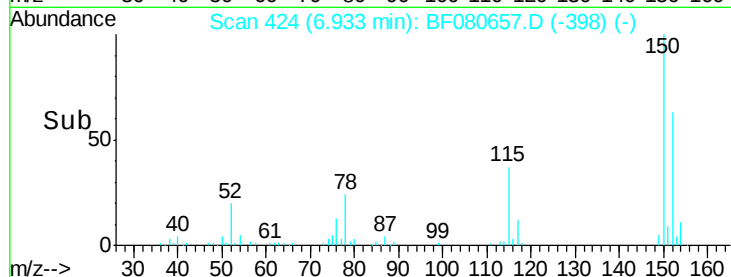
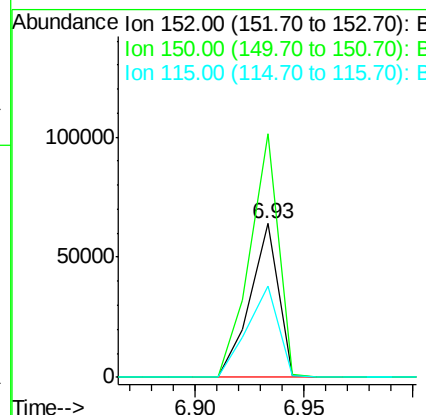
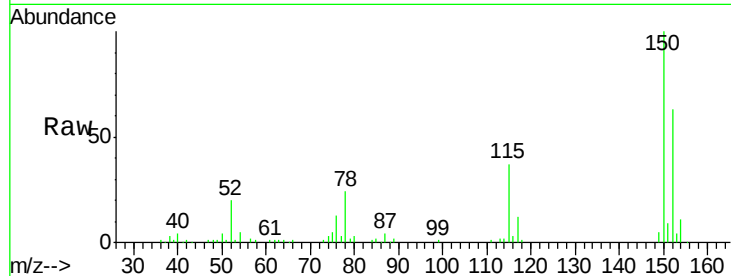




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.93 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: BF080657.D
 Acq: 25 Jul 2015 8:25

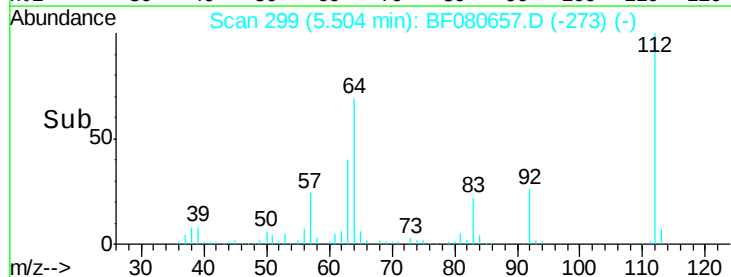
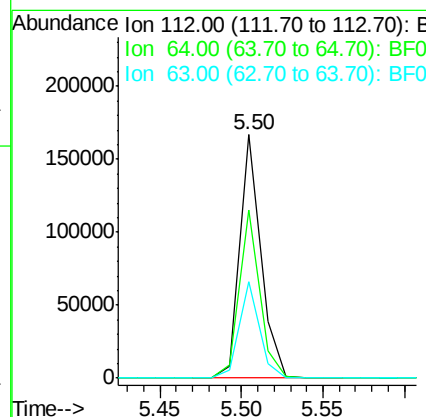
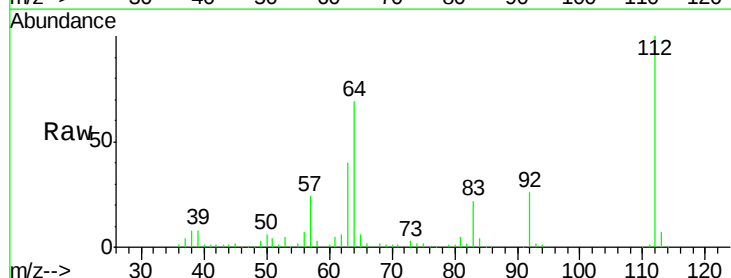
Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-7-22-15

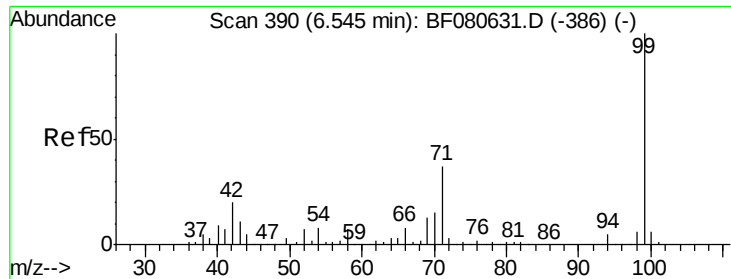
Tgt Ion:152 Resp: 58214
 Ion Ratio Lower Upper
 152 100
 150 158.5 128.9 193.3
 115 59.3 51.0 76.6



#5
 2-Fluorophenol
 Concen: 42.86 ng
 RT: 5.50 min Scan# 299
 Delta R.T. 0.00 min
 Lab File: BF080657.D
 Acq: 25 Jul 2015 8:25

Tgt Ion:112 Resp: 148186
 Ion Ratio Lower Upper
 112 100
 64 69.2 51.2 76.8
 63 39.5 29.0 43.6





#7

Phenol-d6

Concen: 23.88 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF080657.D

Acq: 25 Jul 2015 8:25

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-7-22-15

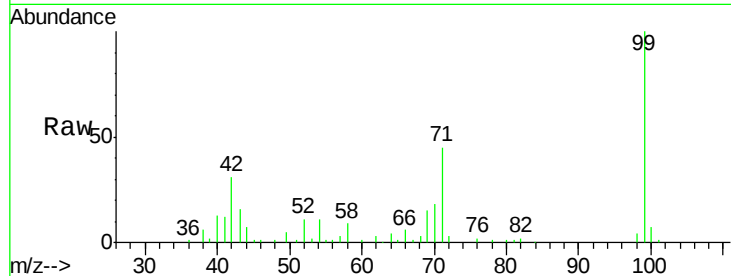
Tgt Ion: 99 Resp: 98608

Ion Ratio Lower Upper

99 100

42 31.0 16.3 24.5#

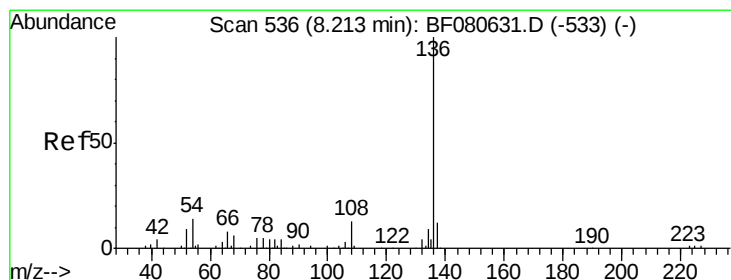
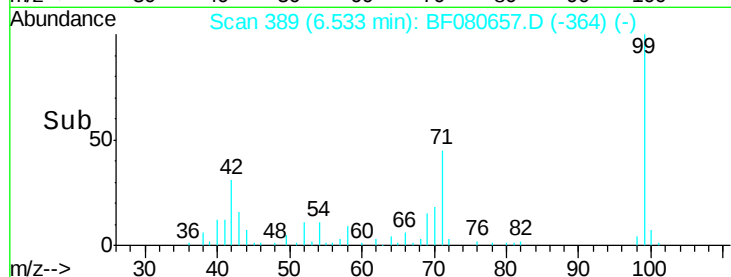
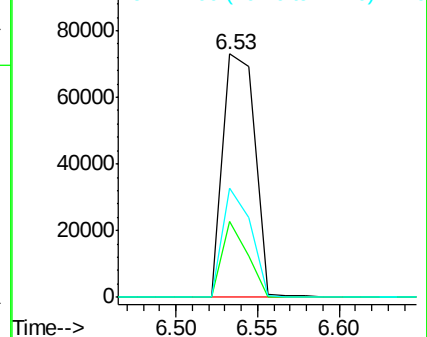
71 44.7 29.7 44.5#



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: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF080657.D

Acq: 25 Jul 2015 8:25

Tgt Ion: 136 Resp: 222540

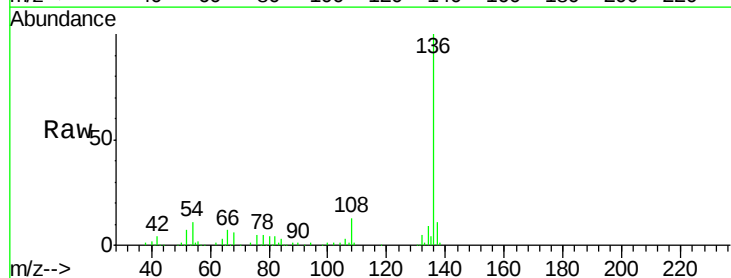
Ion Ratio Lower Upper

136 100

137 10.6 9.3 13.9

54 11.1 11.6 17.4#

68 6.2 5.0 7.4

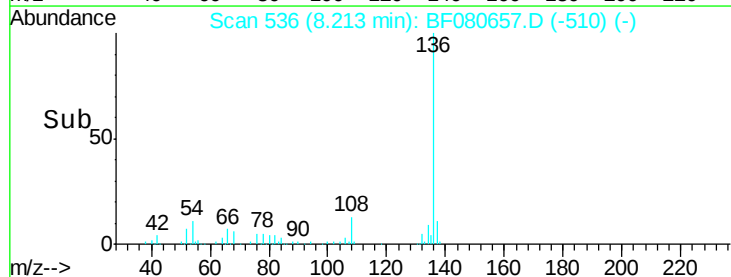
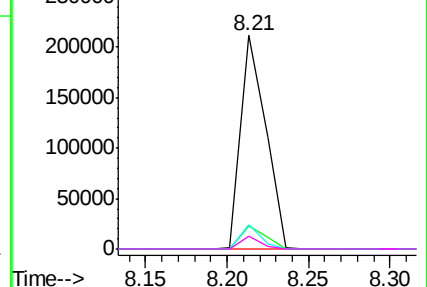


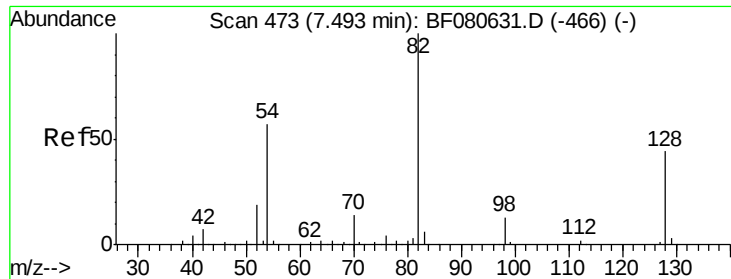
Abundance Ion 136.00 (135.70 to 136.70): E

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

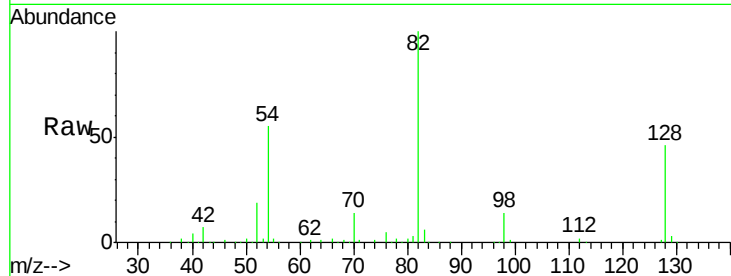




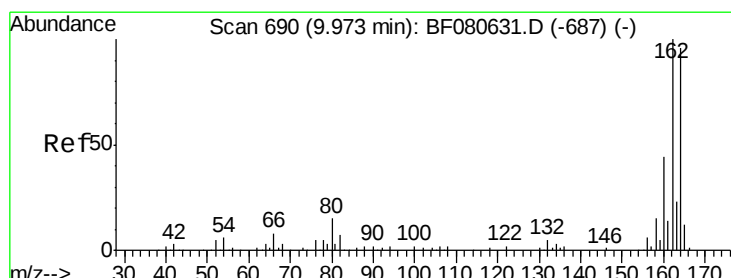
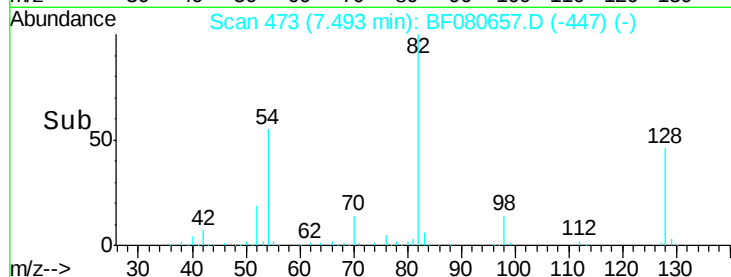
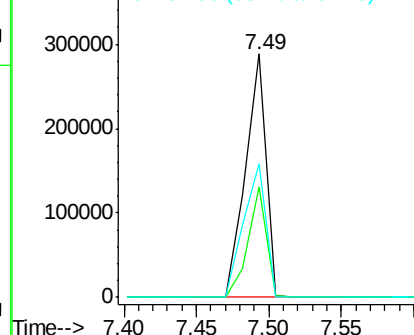
#23
 Nitrobenzene-d5
 Concen: 63.95 ng
 RT: 7.49 min Scan# 473
 Delta R.T. 0.00 min
 Lab File: BF080657.D
 Acq: 25 Jul 2015 8:25

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-7-22-15

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.8	52.2
54	54.9	45.4	68.0

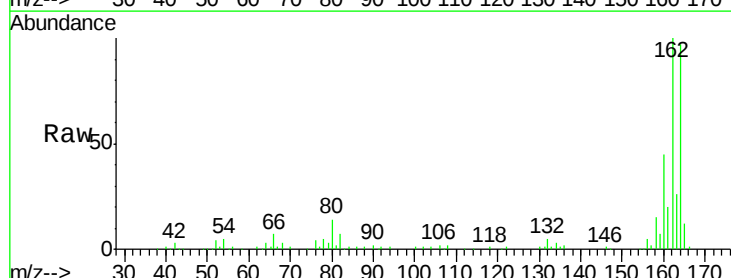


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

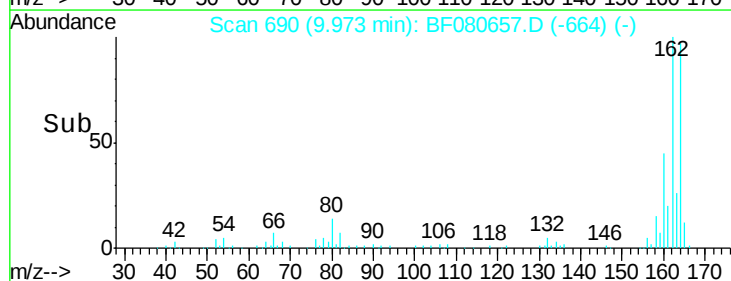
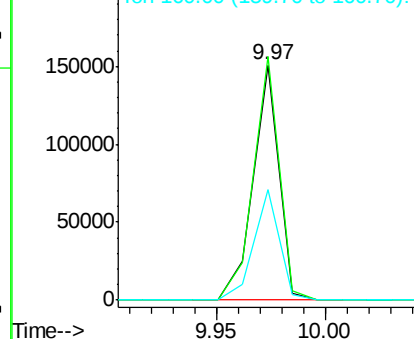


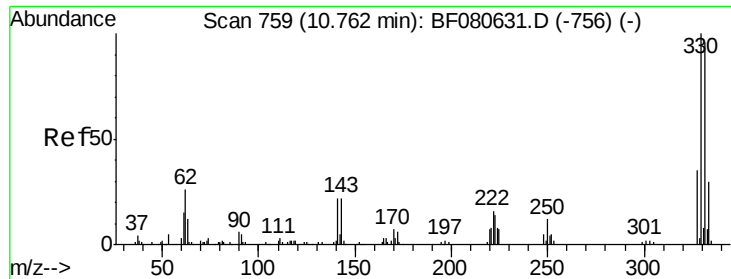
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF080657.D
 Acq: 25 Jul 2015 8:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.3	124.9
160	46.9	36.9	55.3



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

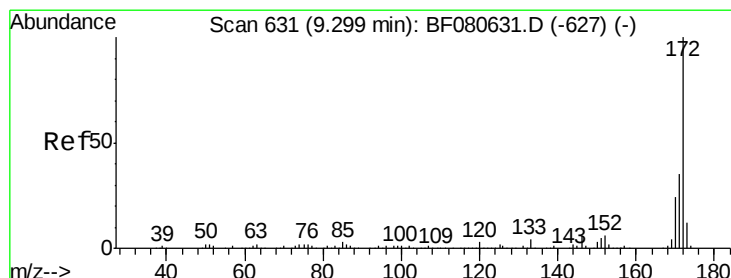
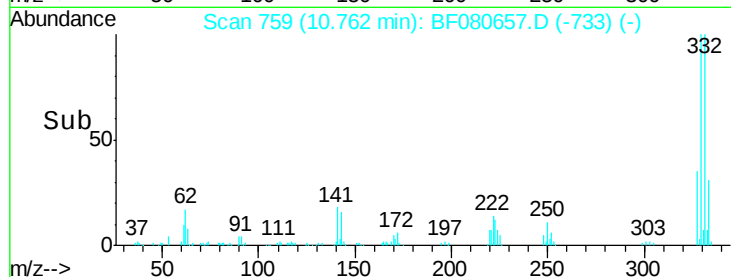
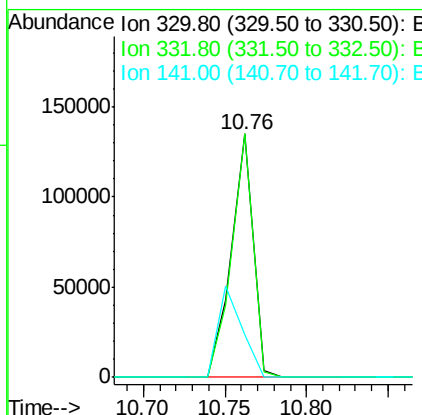
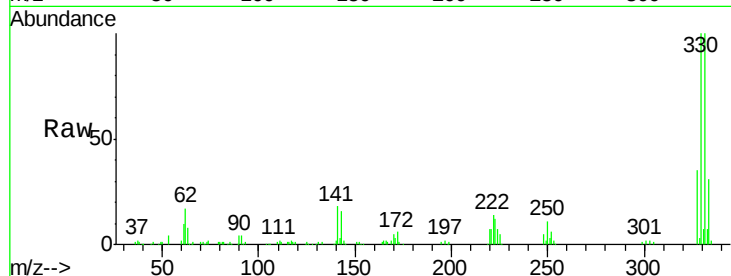




#41
 2,4,6-Tribromophenol
 Concen: 112.61 ng
 RT: 10.76 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF080657.D
 Acq: 25 Jul 2015 8:25

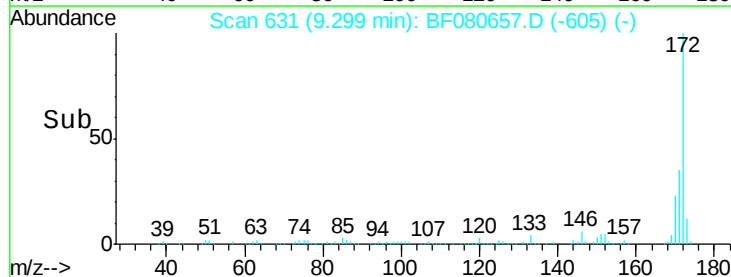
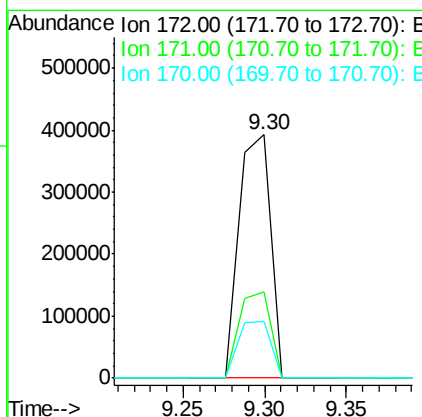
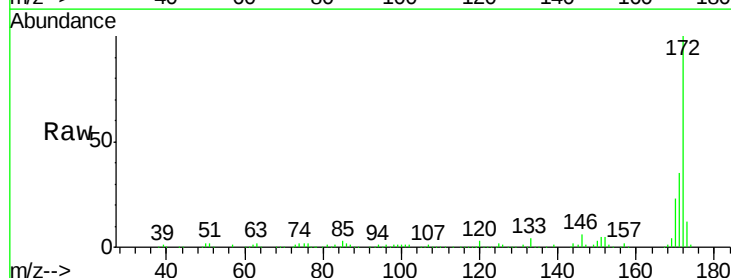
Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-7-22-15

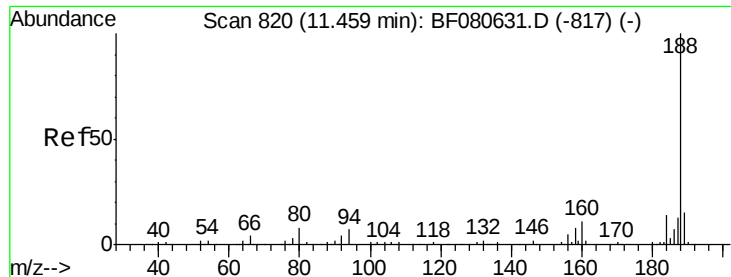
Tgt Ion:330 Resp: 124730
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.7 115.1
 141 41.4 32.7 49.1



#44
 2-Fluorobiphenyl
 Concen: 65.40 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF080657.D
 Acq: 25 Jul 2015 8:25

Tgt Ion:172 Resp: 522566
 Ion Ratio Lower Upper
 172 100
 171 35.4 27.7 41.5
 170 23.3 19.0 28.4

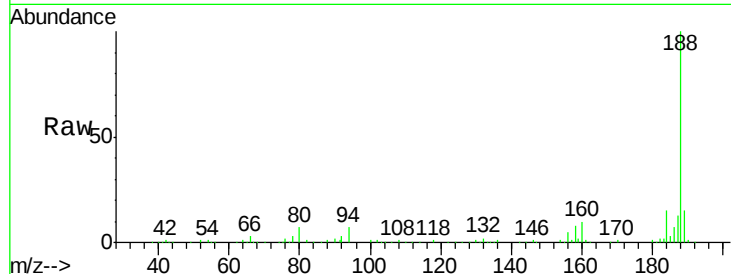




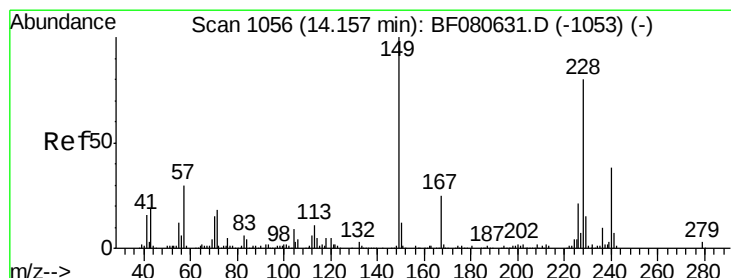
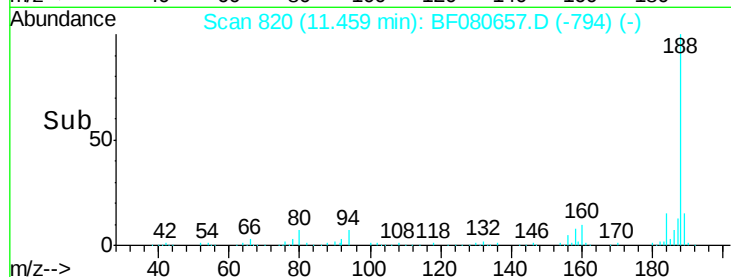
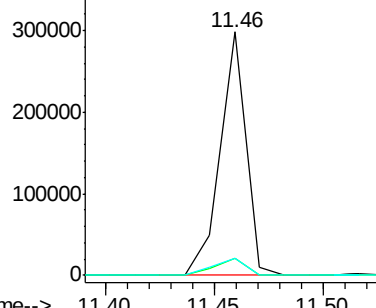
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF080657.D
Acq: 25 Jul 2015 8:25

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-7-22-15

Tgt Ion:188 Resp: 246531
Ion Ratio Lower Upper
188 100
94 7.0 5.6 8.4
80 7.2 6.1 9.1

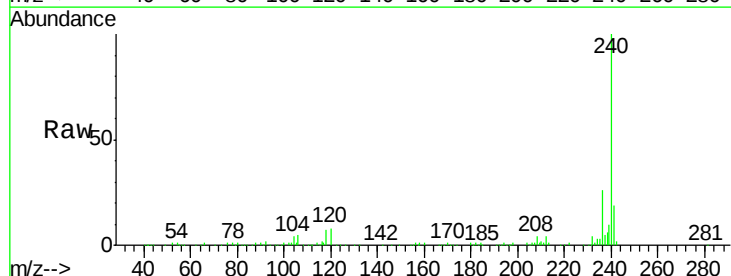


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

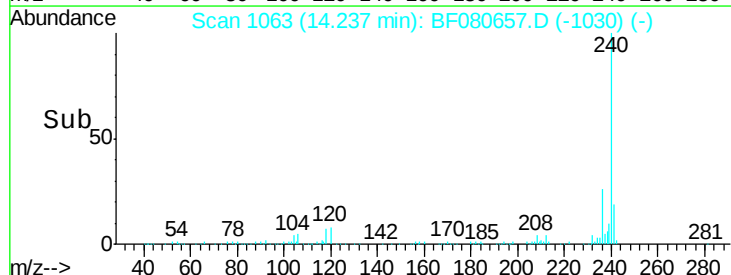
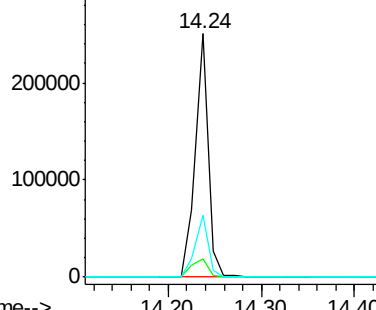


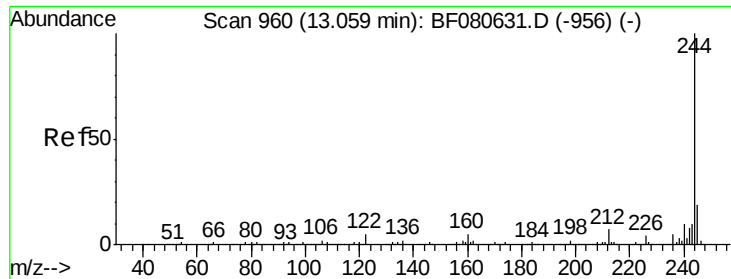
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.24 min Scan# 1063
Delta R.T. 0.08 min
Lab File: BF080657.D
Acq: 25 Jul 2015 8:25

Tgt Ion:240 Resp: 241753
Ion Ratio Lower Upper
240 100
120 7.7 10.8 16.2#
236 25.5 20.3 30.5



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

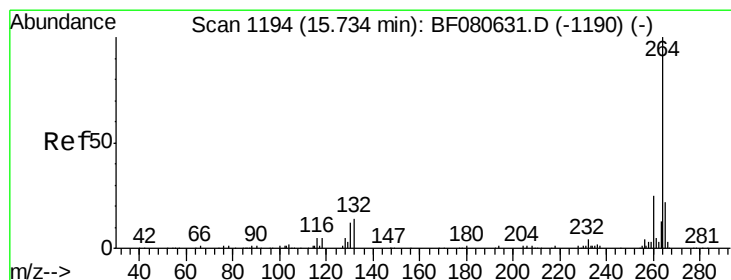
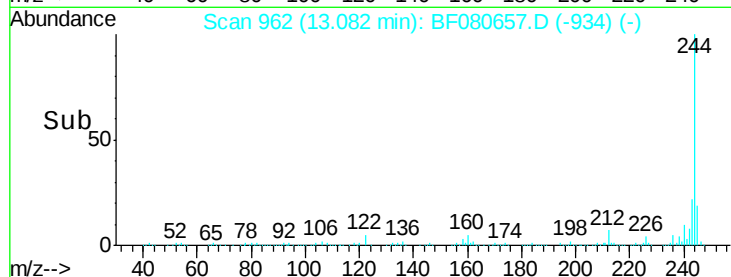
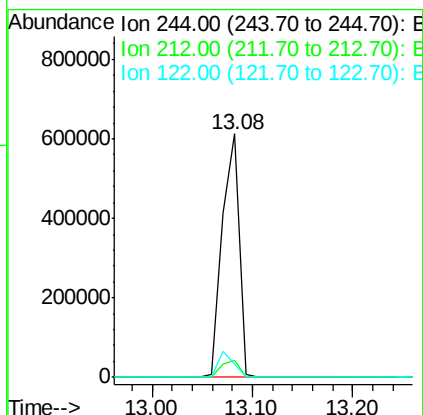
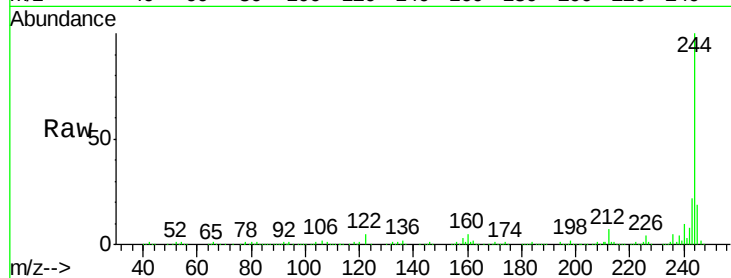




#78
 Terphenyl-d14
 Concen: 63.79 ng
 RT: 13.08 min Scan# 962
 Delta R.T. 0.02 min
 Lab File: BF080657.D
 Acq: 25 Jul 2015 8:25

Instrument :
 BNA_F
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 FIELDBLANK-7-22-15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.2	7.8
122	5.5	4.1	6.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.88 min Scan# 1207
 Delta R.T. 0.15 min
 Lab File: BF080657.D
 Acq: 25 Jul 2015 8:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	20.1	30.1
265	21.0	17.4	26.0

