

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086239.D
 Acq On : 16 Apr 2016 2:47
 Operator : UM/SJ
 Sample : H2402-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK-4-7-16

Quant Time: Apr 16 03:57:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

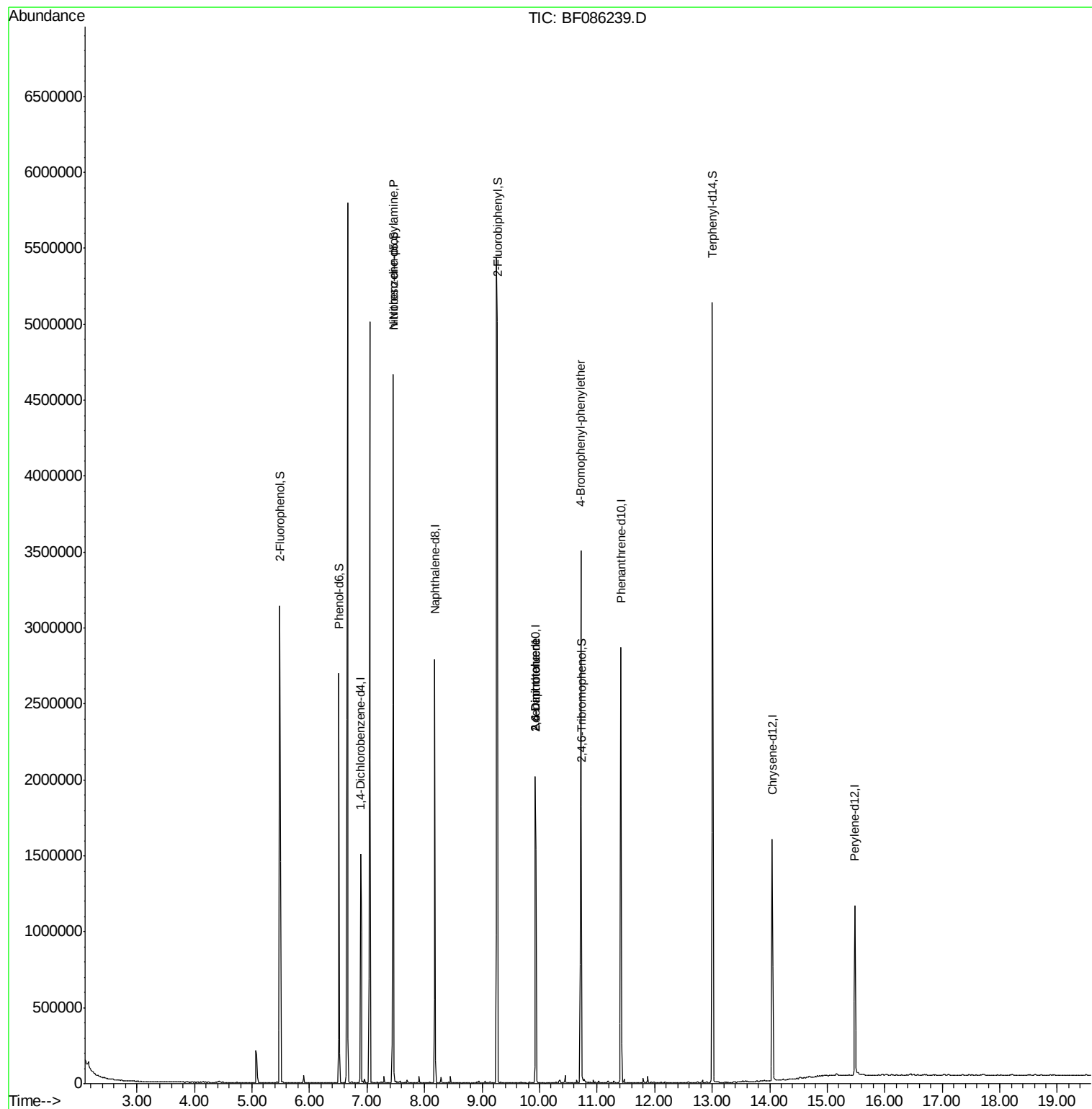
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	288568	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1172437	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	520078	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	916402	20.00	ng	0.00
75) Chrysene-d12	14.04	240	594782	20.00	ng	-0.01
86) Perylene-d12	15.48	264	479371	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1029355	58.45	ng	0.00
7) Phenol-d6	6.51	99	805685	36.57	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1733503	85.28	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	517712	123.97	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2579984	91.54	ng	0.00
78) Terphenyl-d14	13.00	244	2034783	86.02	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	242040	17.17	ng	# 82
22) Acetophenone	7.30	105	11673	Below	Cal	# 95
50) 2,6-Dinitrotoluene	9.93	165	65731	7.86	ng	# 32
56) 2,4-Dinitrotoluene	9.93	165	65734	6.14	ng	# 31
57) Fluorene	10.72	166	22818	Below	Cal	# 85
66) 4-Bromophenyl-phenylether	10.72	248	31092	3.64	ng	# 1
71) Anthracene	11.44	178	2347	Below	Cal	96
74) Fluoranthene	12.63	202	1108	Below	Cal	61

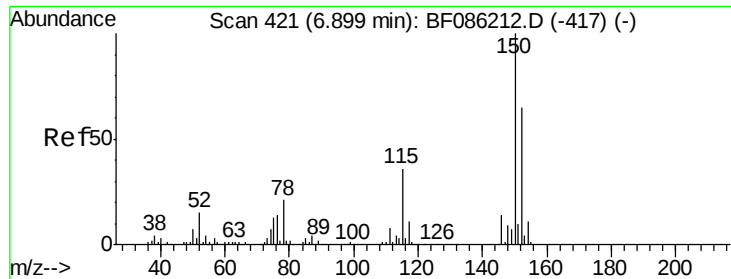
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF086239.D

Acq: 16 Apr 2016 2:47

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK-4-7-16

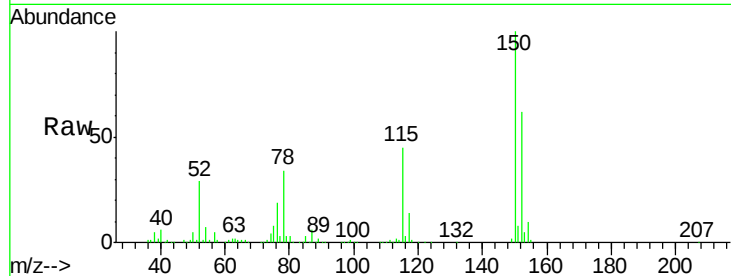
Tgt Ion:152 Resp: 288568

Ion Ratio Lower Upper

152 100

150 160.5 124.1 186.1

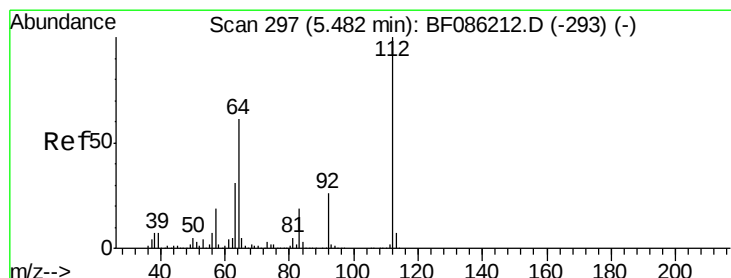
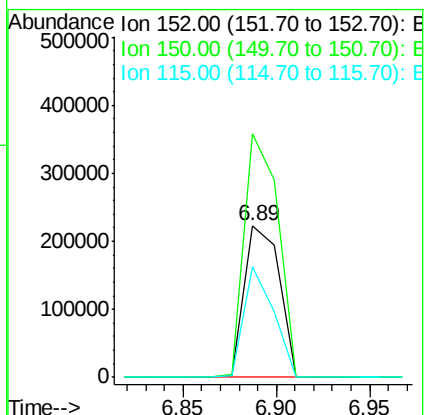
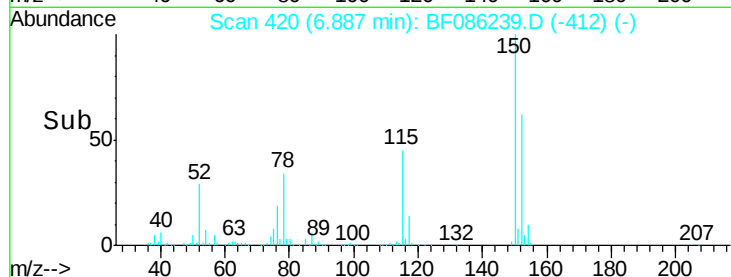
115 72.9 43.9 65.9#



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: 58.45 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF086239.D

Acq: 16 Apr 2016 2:47

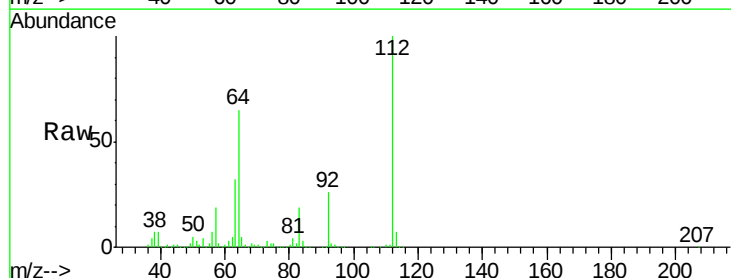
Tgt Ion:112 Resp: 1029355

Ion Ratio Lower Upper

112 100

64 65.0 48.1 72.1

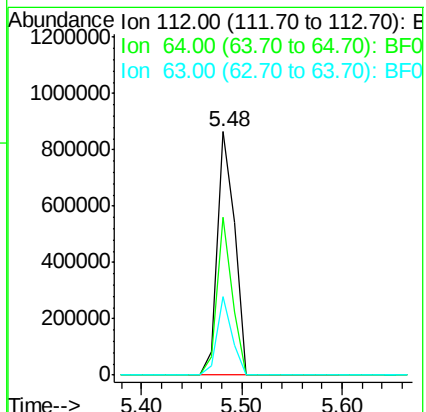
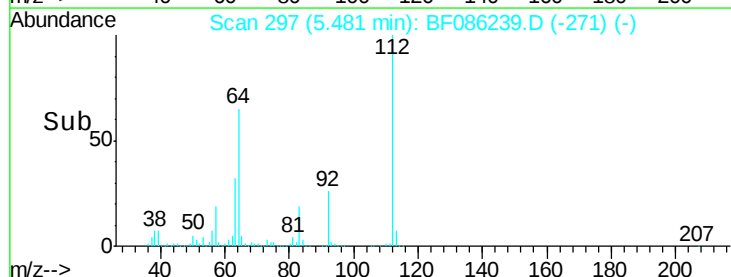
63 32.2 25.5 38.3

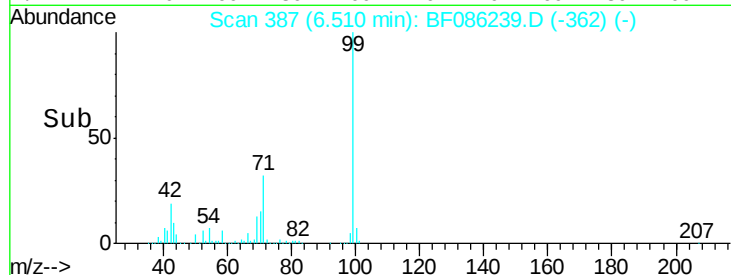
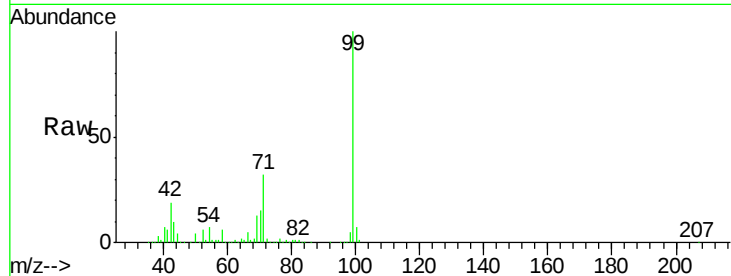
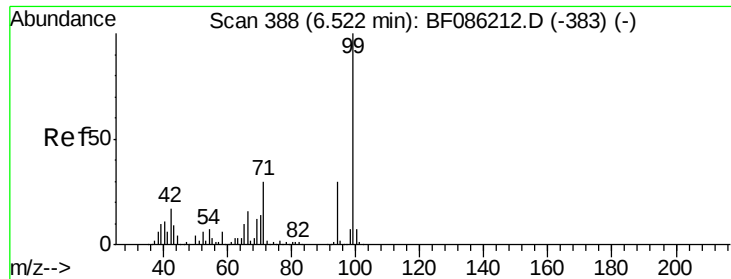


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.57 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086239.D

Acq: 16 Apr 2016 2:47

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK-4-7-16

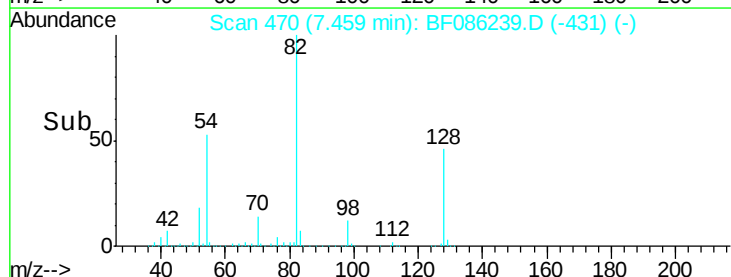
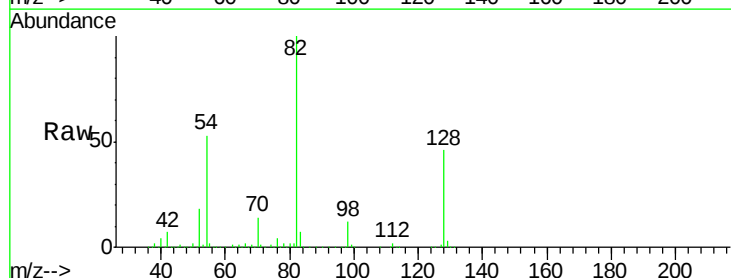
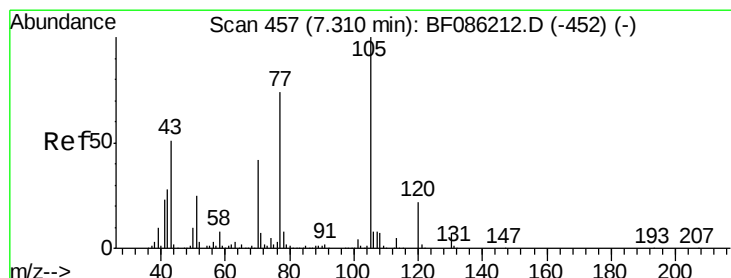
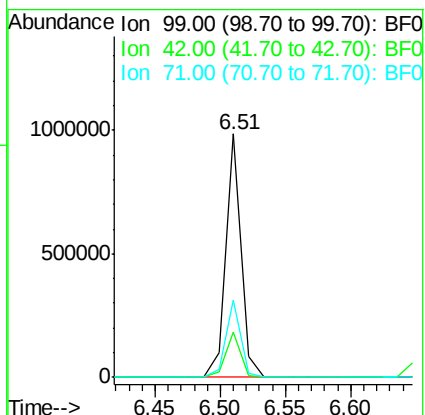
Tgt Ion: 99 Resp: 805685

Ion Ratio Lower Upper

99 100

42 18.8 15.4 23.2

71 31.8 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 17.17 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.15 min

Lab File: BF086239.D

Acq: 16 Apr 2016 2:47

Tgt Ion: 70 Resp: 242040

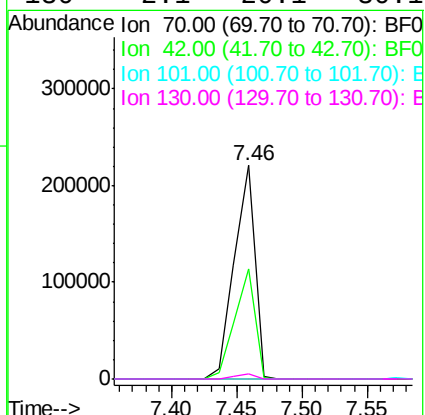
Ion Ratio Lower Upper

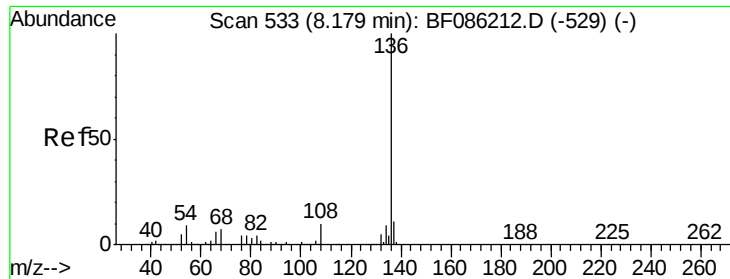
70 100

42 51.4 43.0 64.4

101 0.0 8.1 12.1#

130 2.1 20.1 30.1#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086239.D

Acq: 16 Apr 2016 2:47

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK-4-7-16

Tgt Ion:136 Resp: 1172437

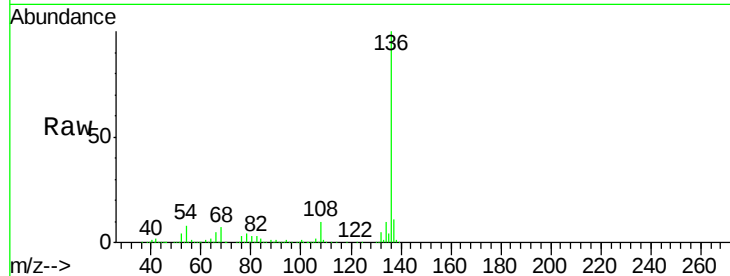
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.8 7.3 10.9

68 6.6 5.7 8.5

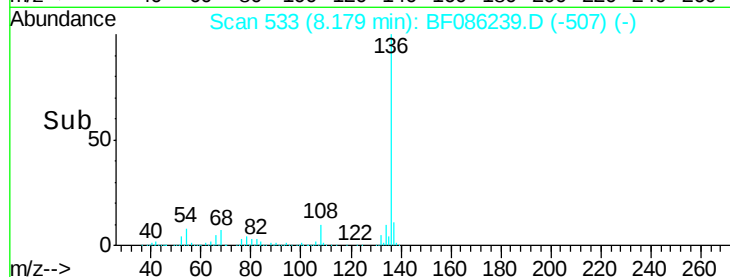


Abundance Ion 136.00 (135.70 to 136.70): E

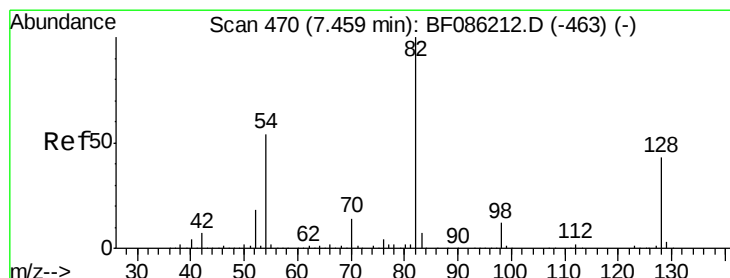
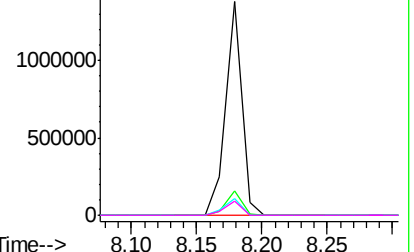
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 85.28 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF086239.D

Acq: 16 Apr 2016 2:47

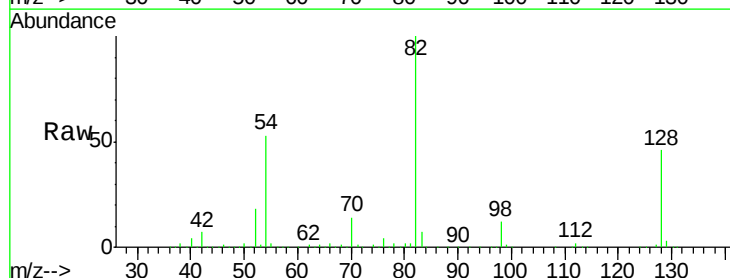
Tgt Ion: 82 Resp: 1733503

Ion Ratio Lower Upper

82 100

128 45.8 35.4 53.2

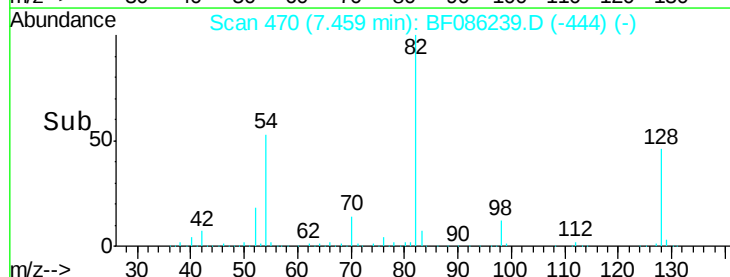
54 52.6 43.4 65.0



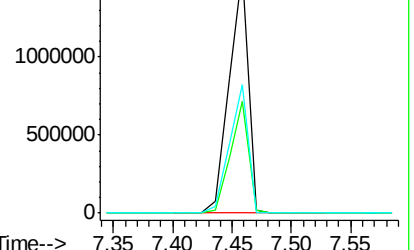
Abundance Ion 82.00 (81.70 to 82.70): BF0

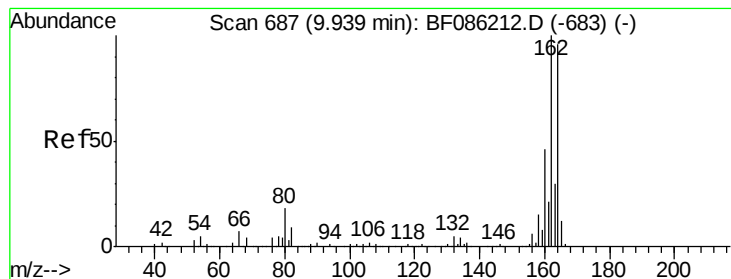
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF086239.D

Acq: 16 Apr 2016 2:47

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK-4-7-16

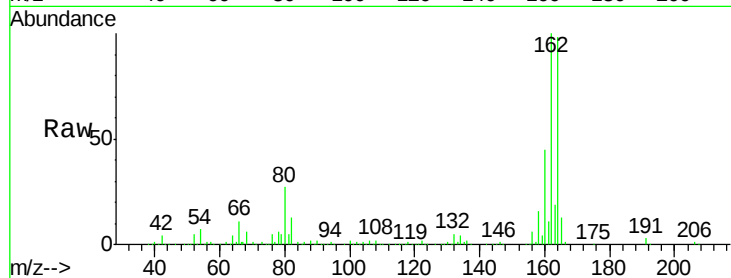
Tgt Ion:164 Resp: 520078

Ion Ratio Lower Upper

164 100

162 102.1 82.8 124.2

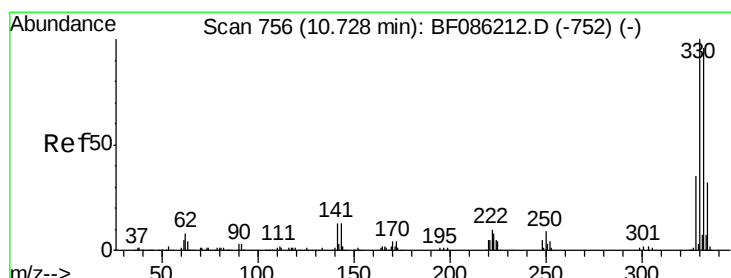
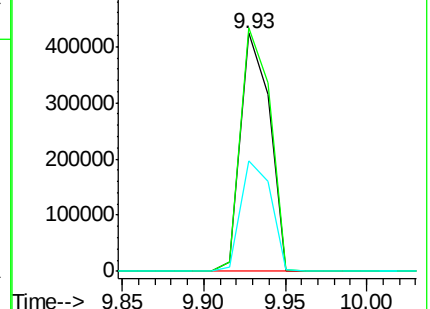
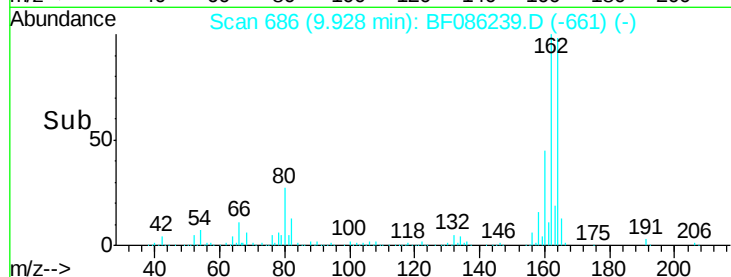
160 46.4 38.9 58.3



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: 123.97 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF086239.D

Acq: 16 Apr 2016 2:47

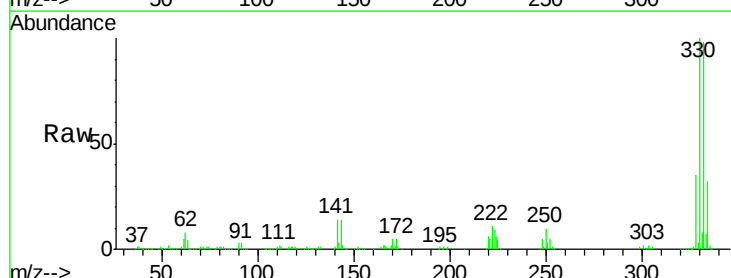
Tgt Ion:330 Resp: 517712

Ion Ratio Lower Upper

330 100

332 96.0 78.7 118.1

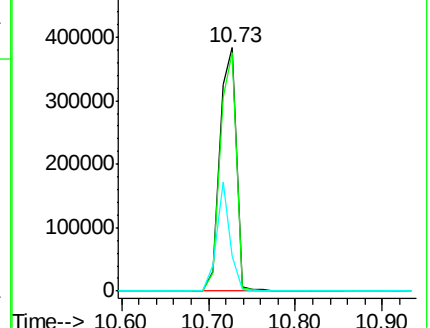
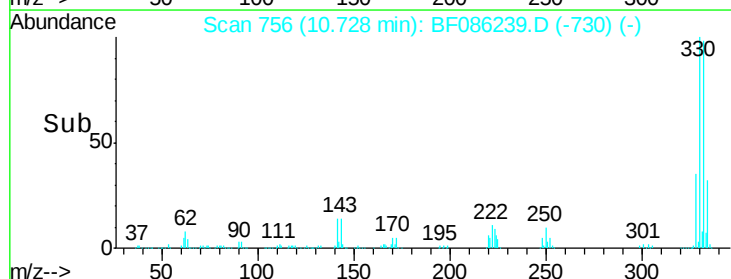
141 36.4 28.6 42.8

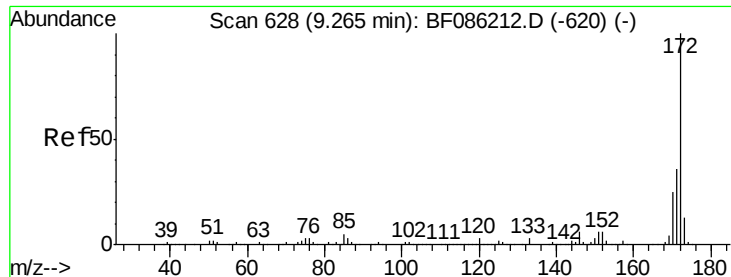


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

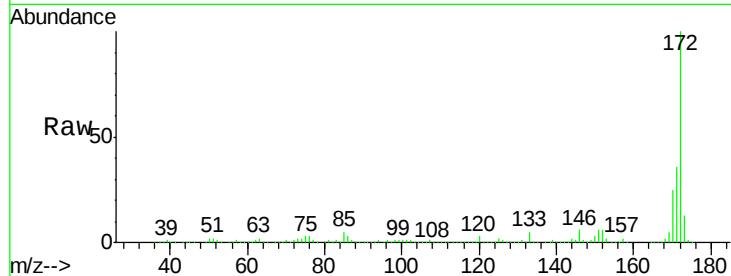




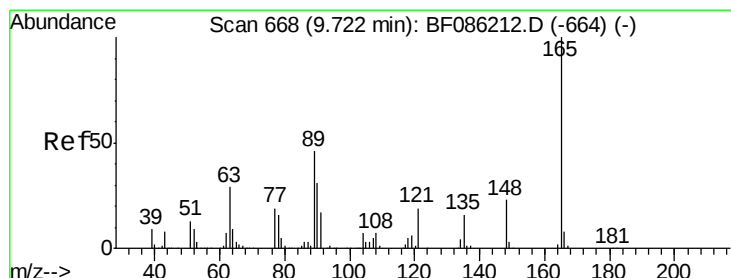
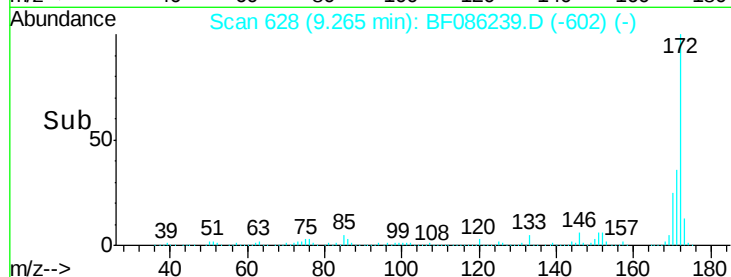
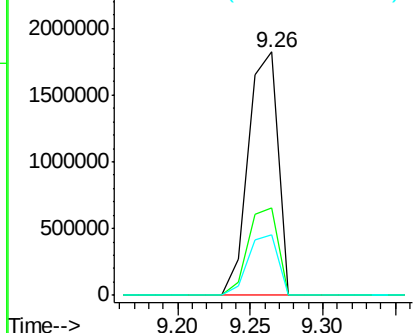
#44
 2-Fluorobiphenyl
 Concen: 91.54 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF086239.D
 Acq: 16 Apr 2016 2:47

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK-4-7-16

Tgt Ion:172 Resp: 2579984
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.1 43.7
 170 25.1 19.9 29.9

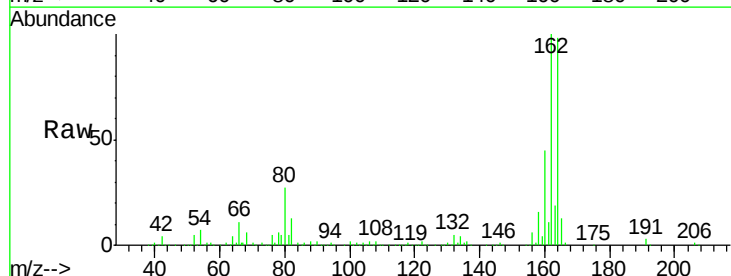


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

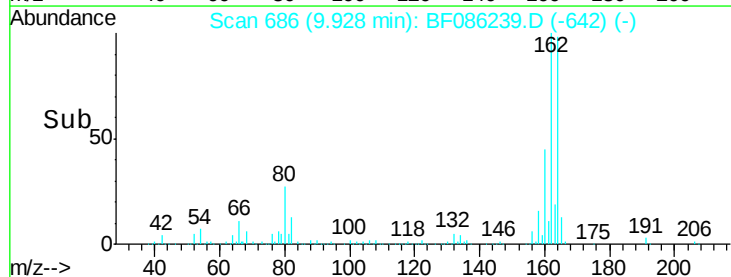
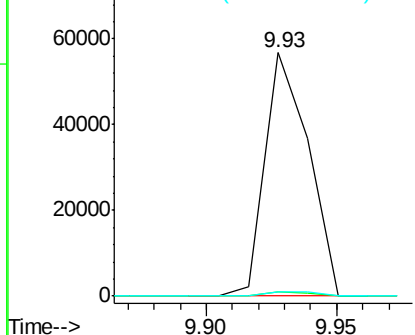


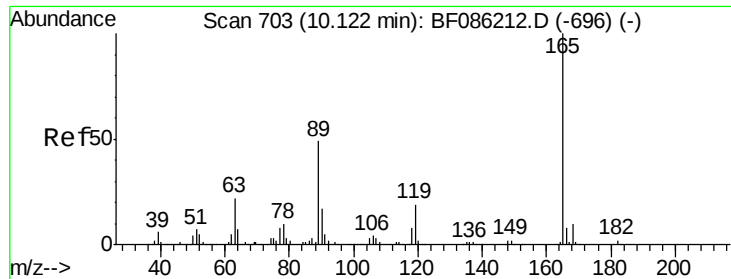
#50
 2,6-Dinitrotoluene
 Concen: 7.86 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.21 min
 Lab File: BF086239.D
 Acq: 16 Apr 2016 2:47

Tgt Ion:165 Resp: 65731
 Ion Ratio Lower Upper
 165 100
 63 1.5 35.1 52.7#
 89 1.6 39.8 59.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

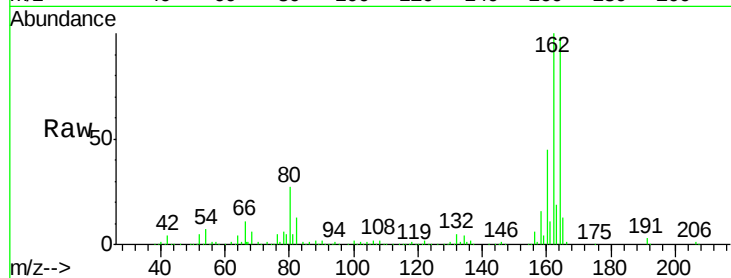




#56
2,4-Dinitrotoluene
Concen: 6.14 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.19 min
Lab File: BF086239.D
Acq: 16 Apr 2016 2:47

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK-4-7-16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	26.6	40.0#
89	1.6	49.5	74.3#
182	0.0	1.9	2.9#

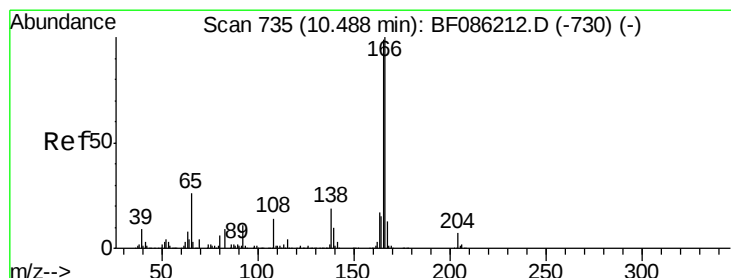
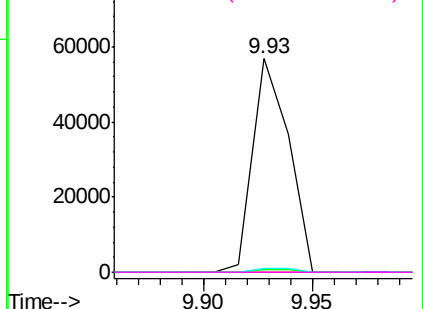
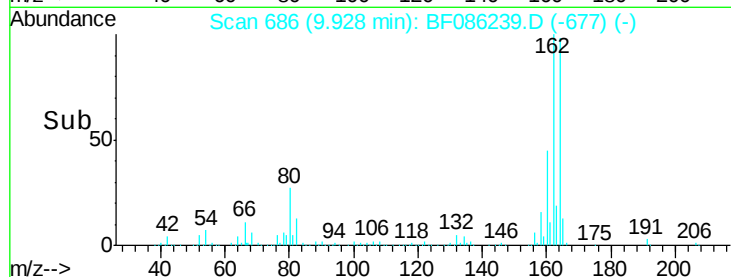


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

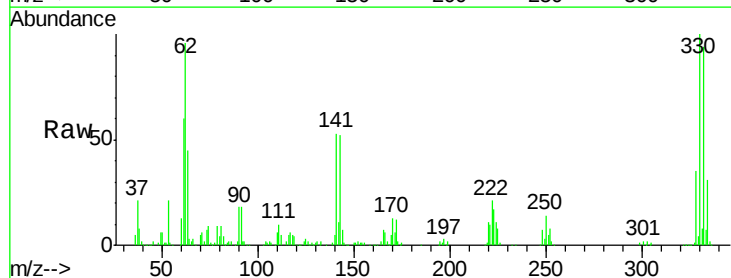
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: Below Cal
RT: 10.72 min Scan# 755
Delta R.T. 0.23 min
Lab File: BF086239.D
Acq: 16 Apr 2016 2:47

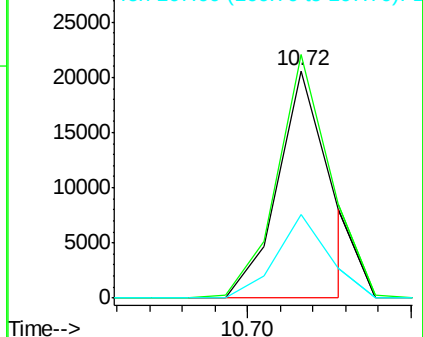
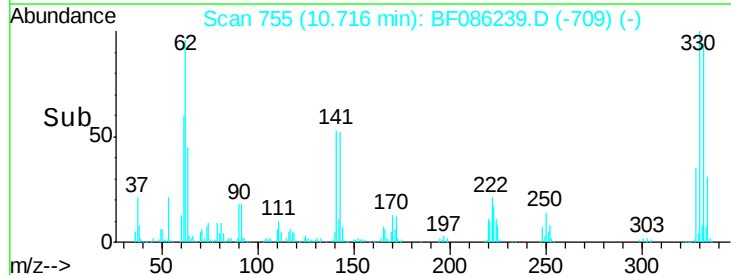
Tgt Ion	Ratio	Lower	Upper
166	100		
165	107.1	78.6	117.8
167	37.0	10.4	15.6#

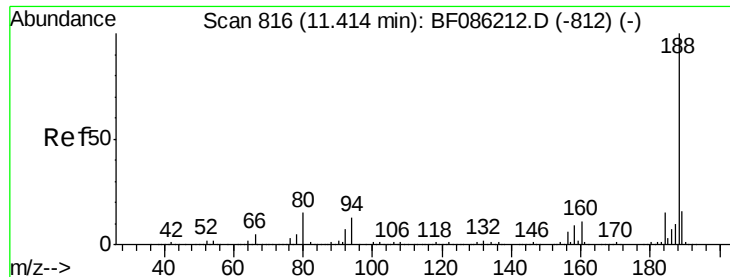


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

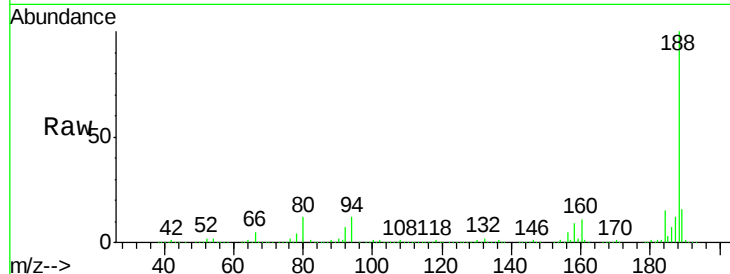




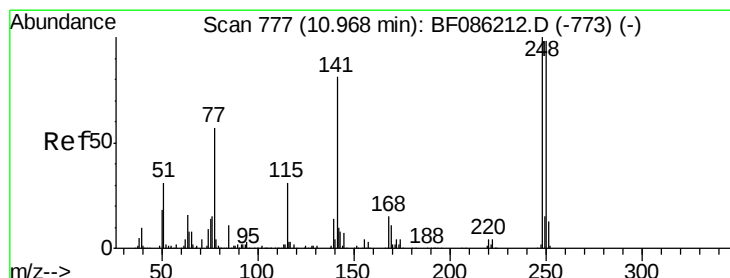
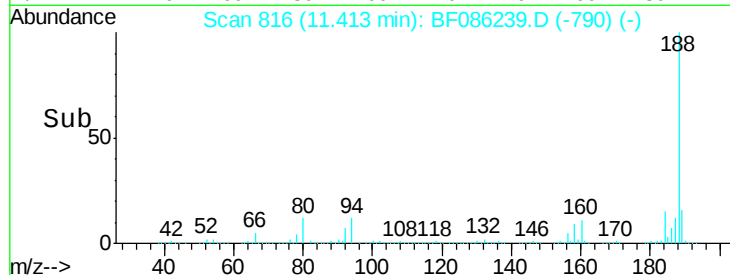
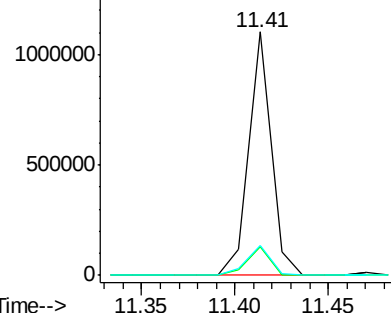
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086239.D
Acq: 16 Apr 2016 2:47

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK-4-7-16

Tgt Ion:188 Resp: 916402
Ion Ratio Lower Upper
188 100
94 11.7 9.8 14.8
80 12.5 10.5 15.7

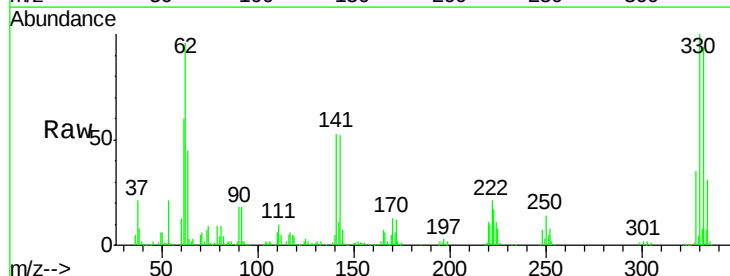


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

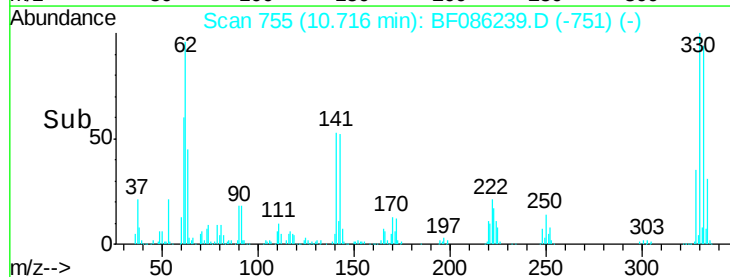
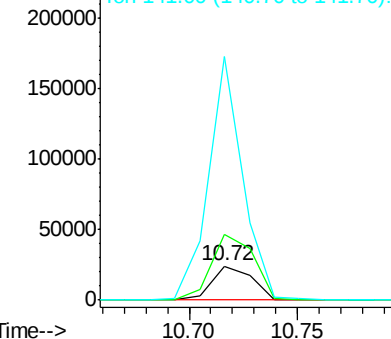


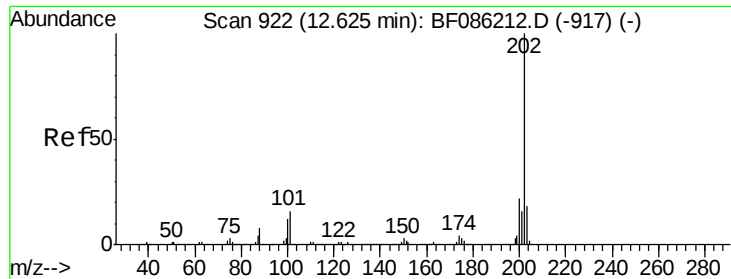
#66
4-Bromophenyl-phenylether
Concen: 3.64 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.25 min
Lab File: BF086239.D
Acq: 16 Apr 2016 2:47

Tgt Ion:248 Resp: 31092
Ion Ratio Lower Upper
248 100
250 194.4 78.6 118.0#
141 716.5 57.9 86.9#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

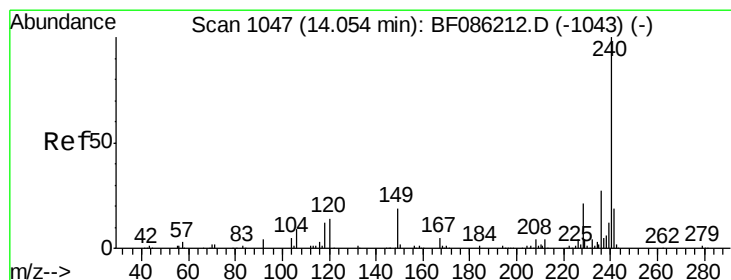
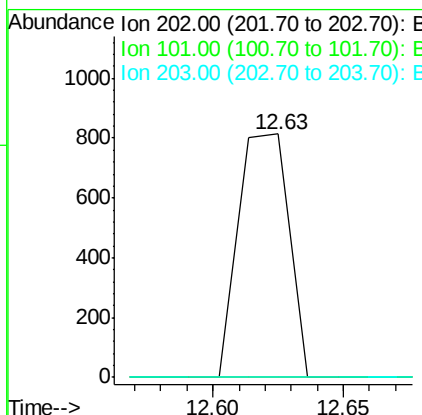
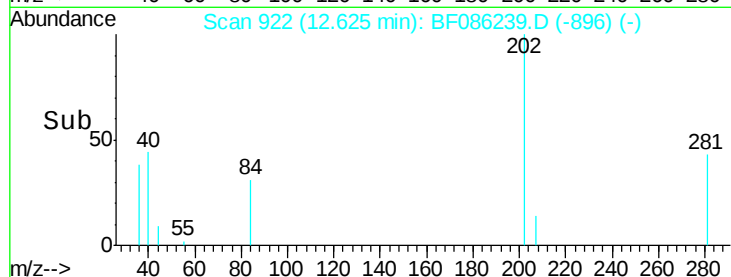
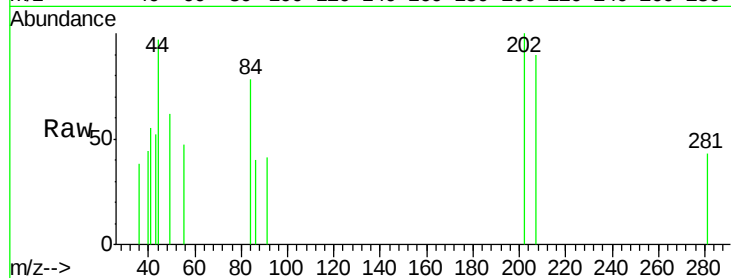




#74
Fluoranthene
Concen: Below Cal
RT: 12.63 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF086239.D
Acq: 16 Apr 2016 2:47

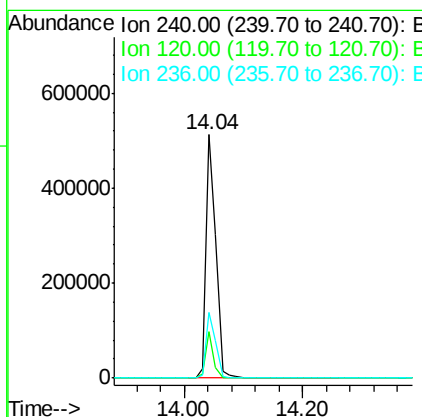
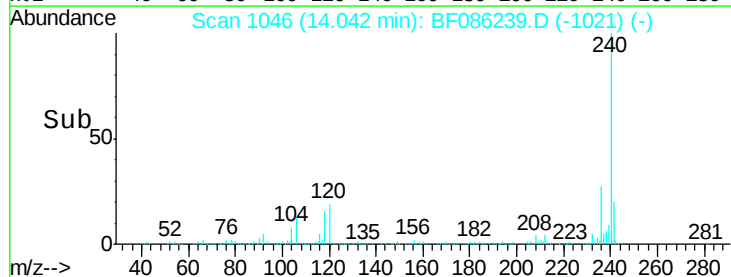
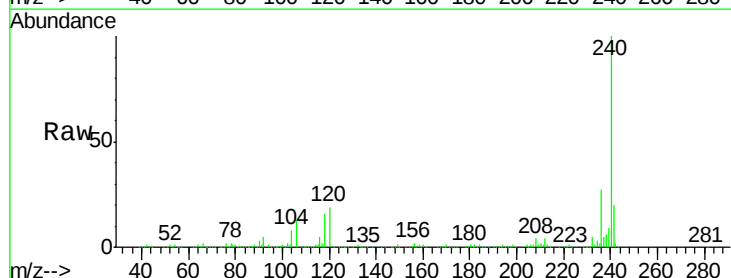
Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK-4-7-16

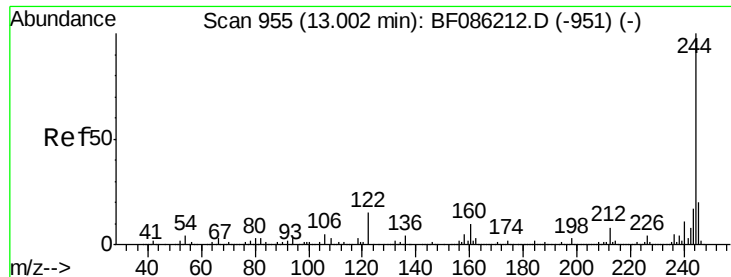
Tgt Ion: 202 Resp: 1108
Ion Ratio Lower Upper
202 100
101 0.0 0.0 35.2
203 0.0 0.0 38.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF086239.D
Acq: 16 Apr 2016 2:47

Tgt Ion: 240 Resp: 594782
Ion Ratio Lower Upper
240 100
120 18.9 9.3 13.9#
236 26.9 21.1 31.7

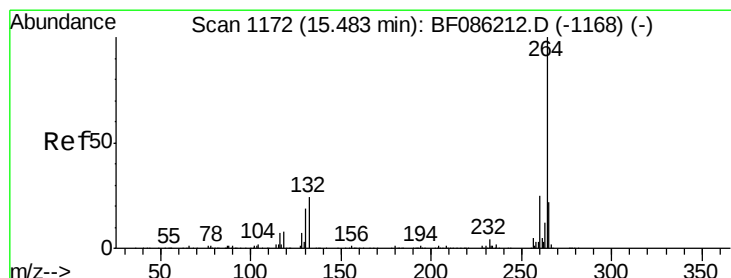
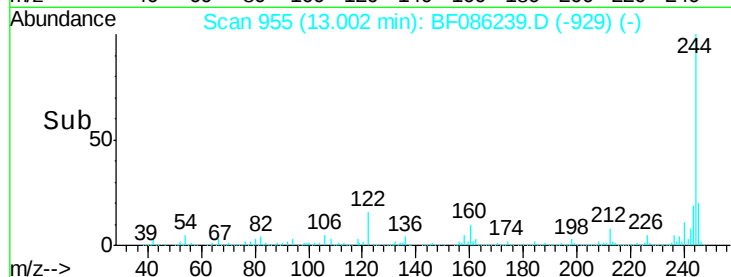
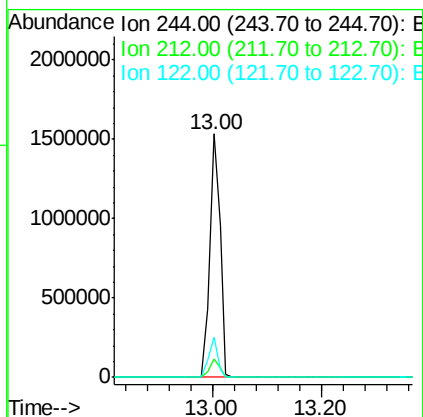
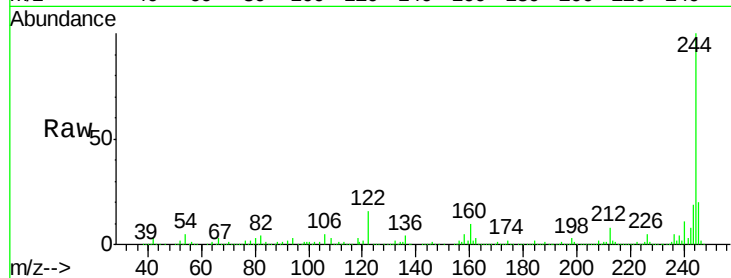




#78
 Terphenyl-d14
 Concen: 86.02 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086239.D
 Acq: 16 Apr 2016 2:47

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK-4-7-16

Tgt Ion:244 Resp: 2034783
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 16.3 11.7 17.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086239.D
 Acq: 16 Apr 2016 2:47

Tgt Ion:264 Resp: 479371
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.0 30.0
 265 21.7 17.4 26.0

