

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
 Data File : BF088951.D
 Acq On : 13 Jul 2016 8:17
 Operator : UM/SJ
 Sample : H3936-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(11-12)

Quant Time: Jul 13 08:40:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

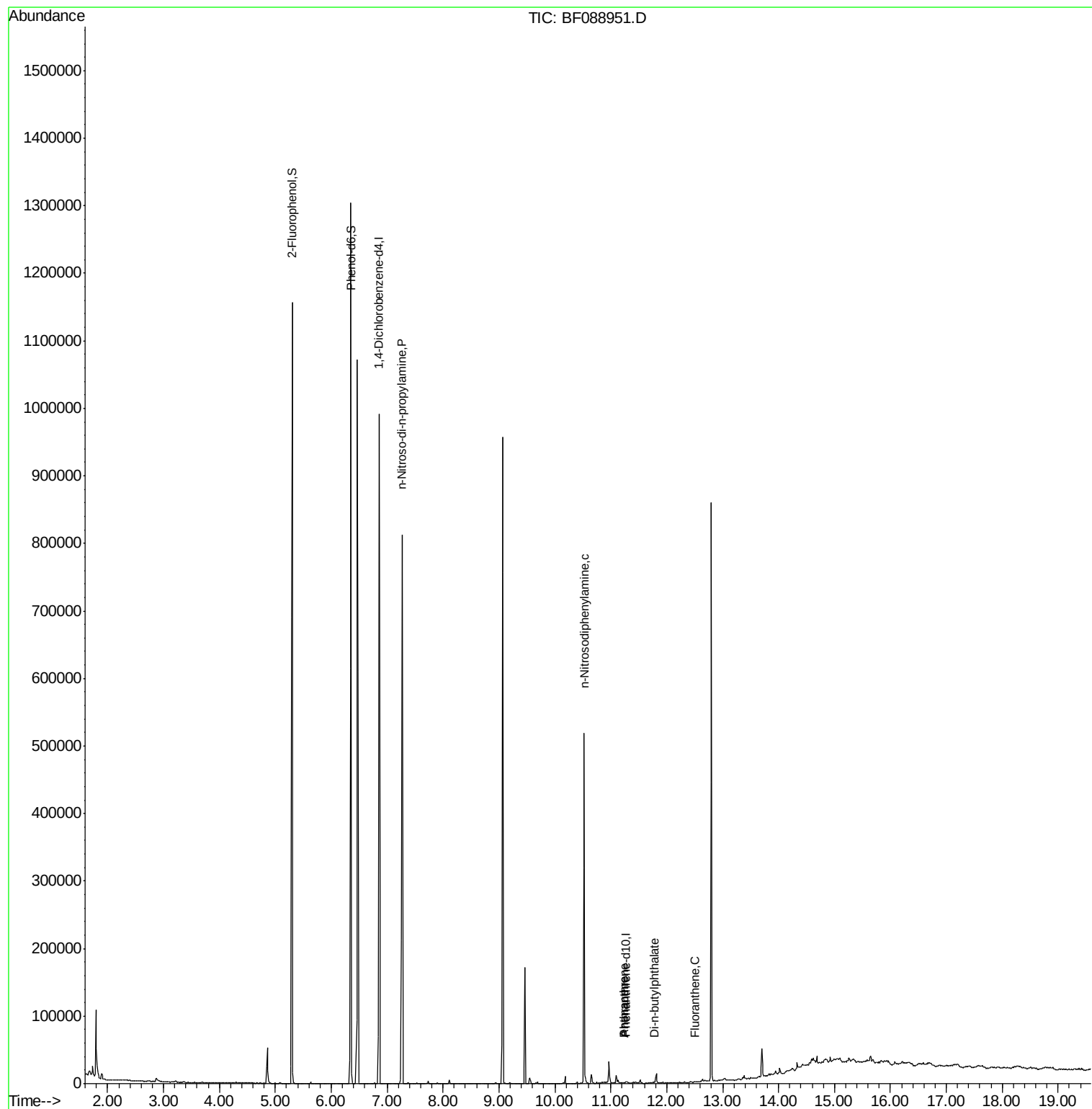
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	150257	20.00	ng	0.15
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.00
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.75
63) Phenanthrene-d10	11.27	188	667	20.00	ng	0.05
75) Chrysene-d12	0.00	240	0	0.00	ng	-13.85
86) Perylene-d12	0.00	264	0	0.00	ng	-15.21
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	378657	37.77	ng	0.01
7) Phenol-d6	6.35	99	488741	37.73	ng	0.00
23) Nitrobenzene-d5	7.27	82	266358	0.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	73690	0.00	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	419340	0.00	ng	0.00
78) Terphenyl-d14	12.80	244	297177	0.00	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	36226	4.16	ng	# 74
65) n-Nitrosodiphenylamine	10.52	169	2602	115.26	ng	# 43
70) Phenanthrene	11.23	178	717	19.66	ng	# 59
71) Anthracene	11.23	178	717	19.78	ng	# 59
73) Di-n-butylphthalate	11.78	149	915	23.05	ng	# 77
74) Fluoranthene	12.51	202	232	6.28	ng	62

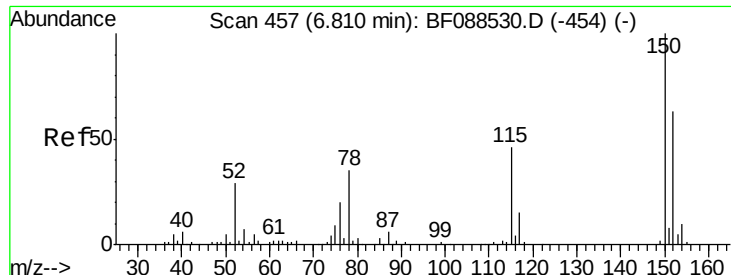
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.15 min

Lab File: BF088951.D

Acq: 13 Jul 2016 8:17

Instrument :

BNA_F

ClientSampleId :

SB-6(11-12)

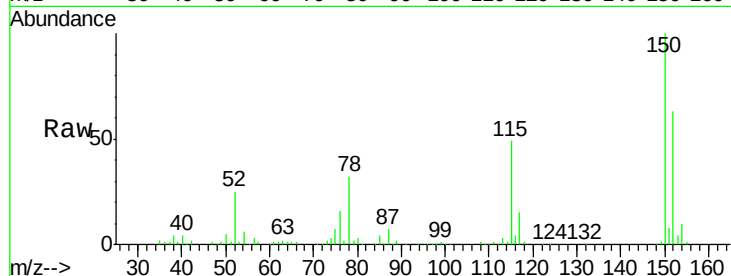
Tgt Ion:152 Resp: 150257

Ion Ratio Lower Upper

152 100

150 159.5 123.8 185.6

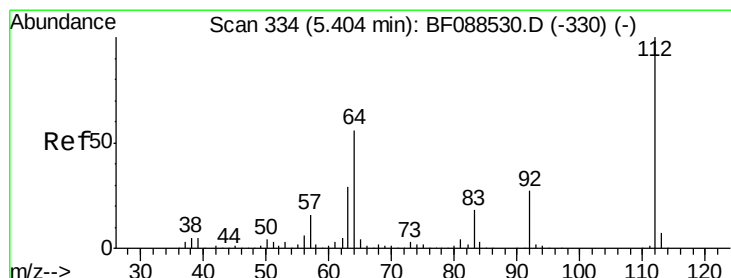
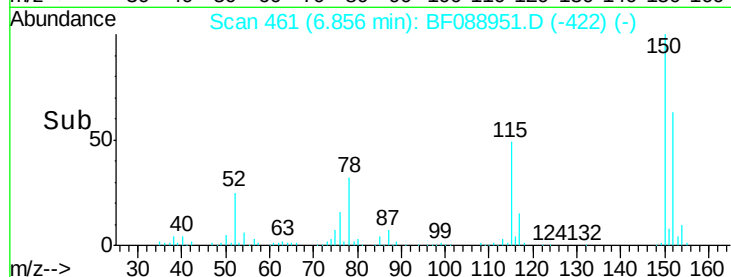
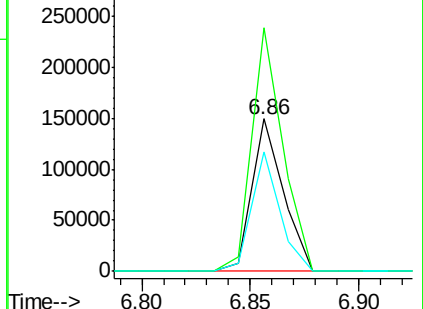
115 78.1 39.6 59.4#



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: 37.77 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.01 min

Lab File: BF088951.D

Acq: 13 Jul 2016 8:17

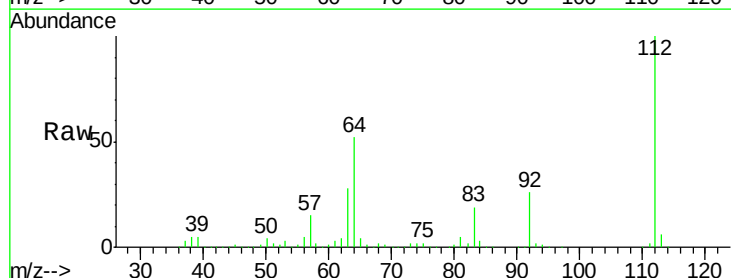
Tgt Ion:112 Resp: 378657

Ion Ratio Lower Upper

112 100

64 52.2 42.2 63.2

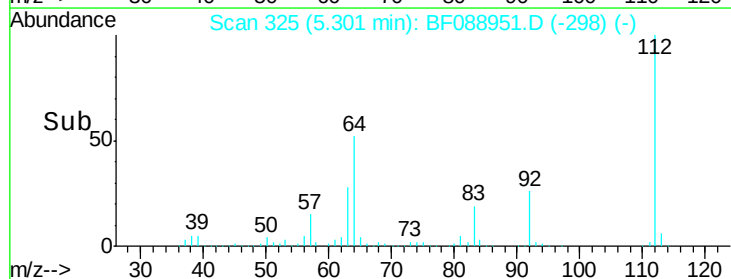
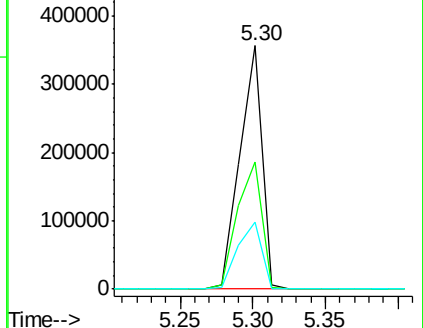
63 27.6 21.8 32.8

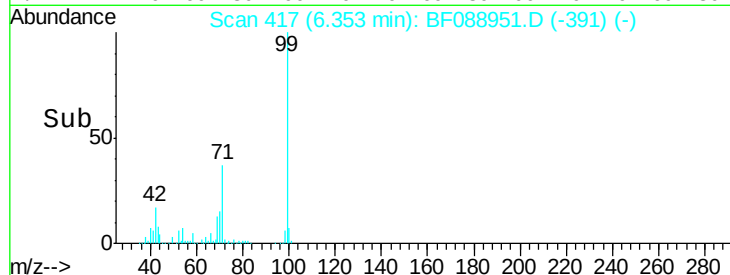
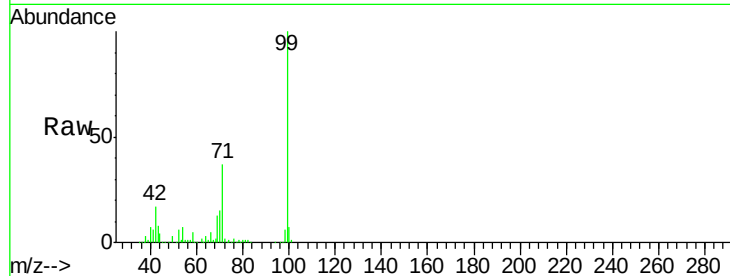
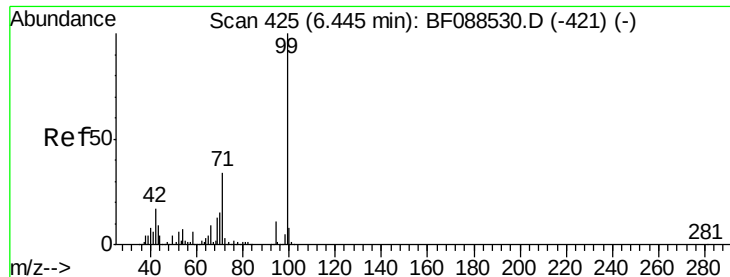


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.73 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088951.D

Acq: 13 Jul 2016 8:17

Instrument :

BNA_F

ClientSampleId :

SB-6(11-12)

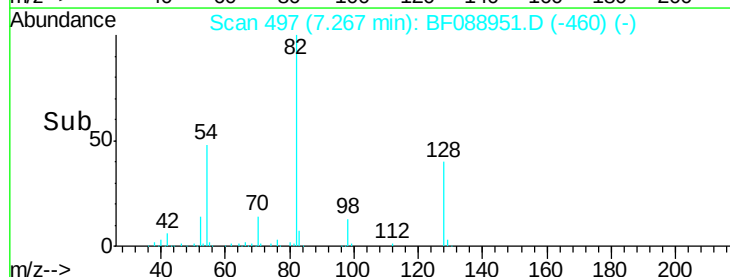
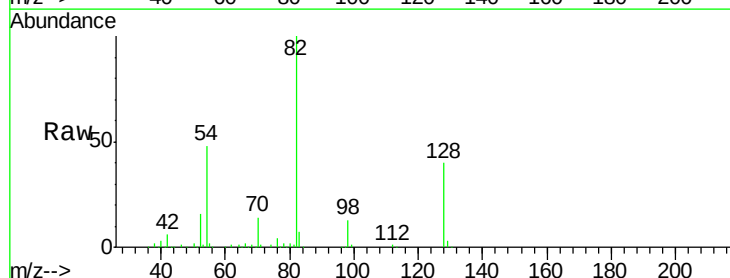
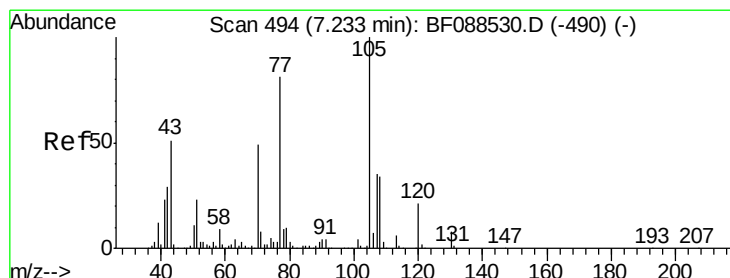
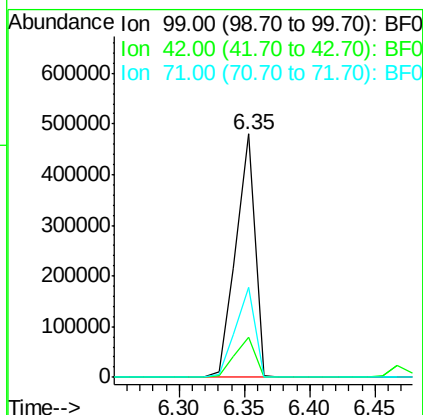
Tgt Ion: 99 Resp: 488741

Ion Ratio Lower Upper

99 100

42 16.5 12.2 18.2

71 36.9 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 4.16 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.13 min

Lab File: BF088951.D

Acq: 13 Jul 2016 8:17

Tgt Ion: 70 Resp: 36226

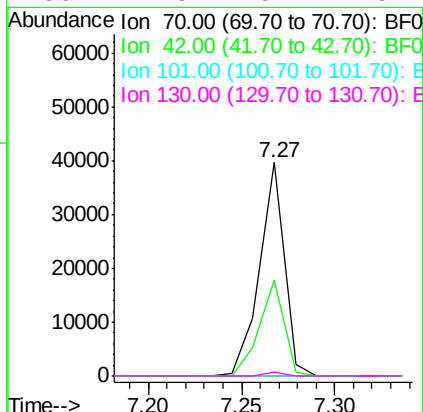
Ion Ratio Lower Upper

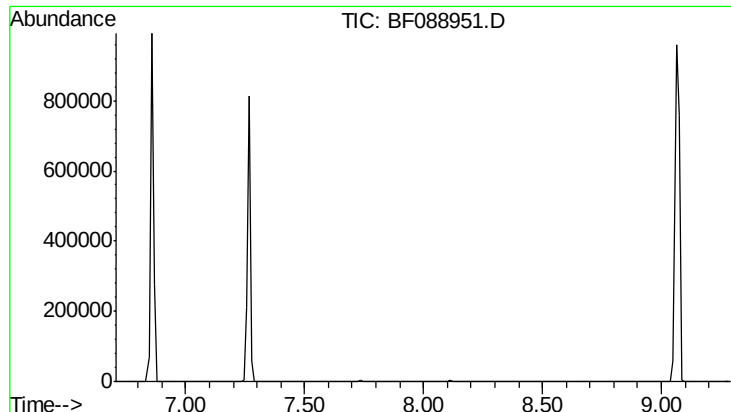
70 100

42 45.0 49.6 74.4#

101 0.0 7.1 10.7#

130 1.9 15.4 23.2#

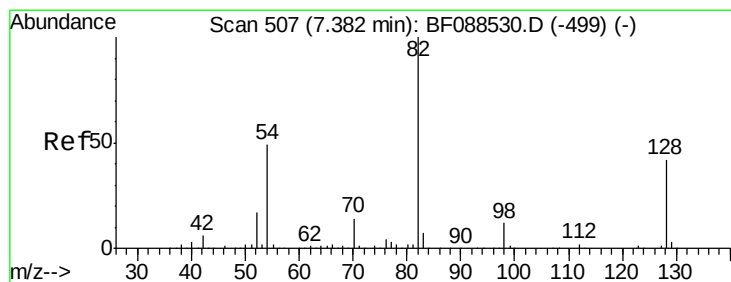
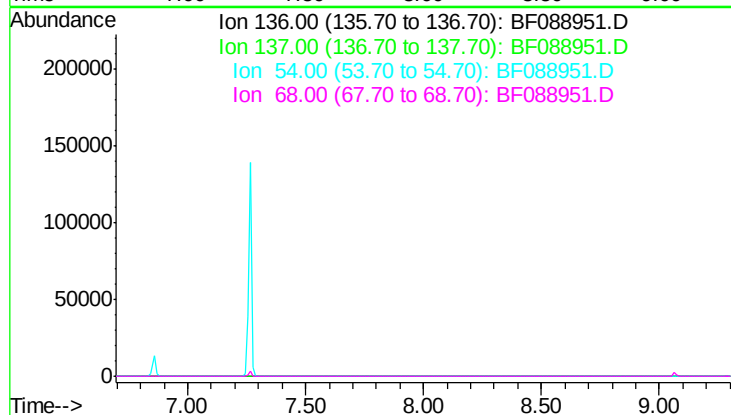




#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 8.00 min
Lab File: BF088951.D
Acq: 13 Jul 2016 8:17

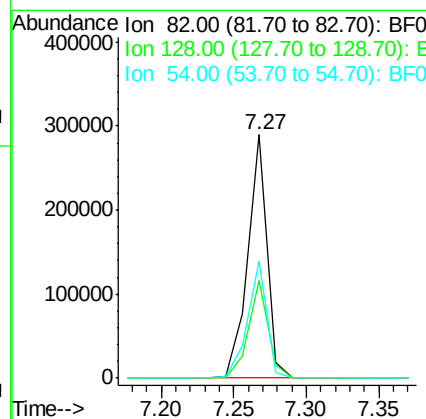
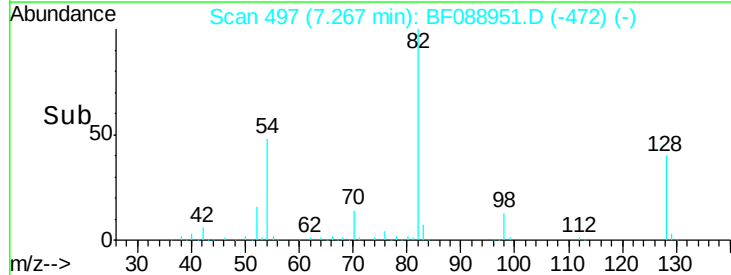
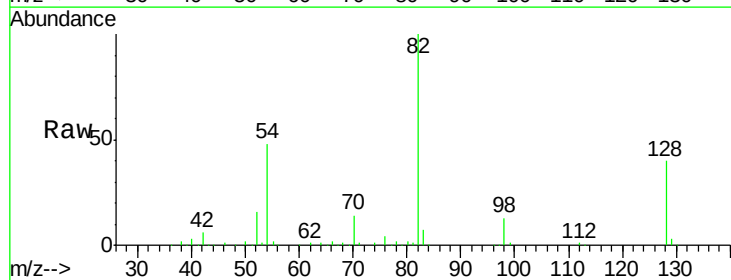
Instrument :
BNA_F
ClientSampleId :
SB-6(11-12)

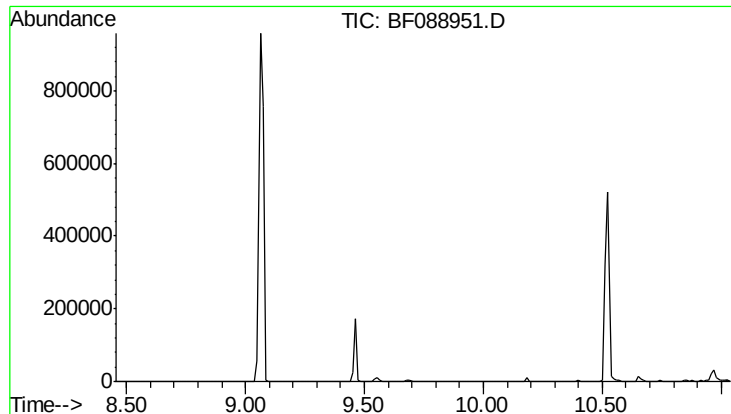
Tgt Ion: 136
Sig Exp Ratio
136 100
137 11.4
54 8.3
68 6.4



#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF088951.D
Acq: 13 Jul 2016 8:17

Tgt Ion: 82 Resp: 266358
Ion Ratio Lower Upper
82 100
128 40.0 35.9 53.9
54 48.0 40.9 61.3

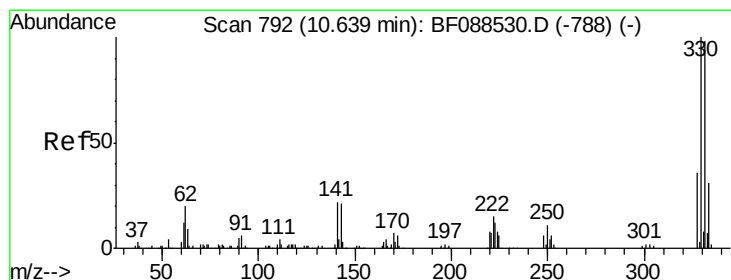
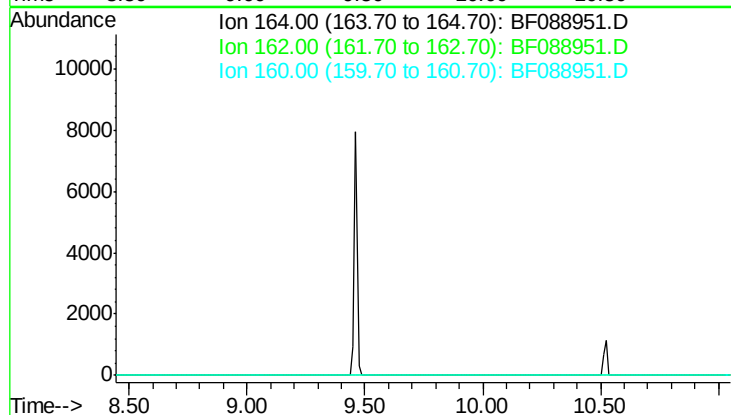




#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 9.75 min
 Lab File: BF088951.D
 Acq: 13 Jul 2016 8:17

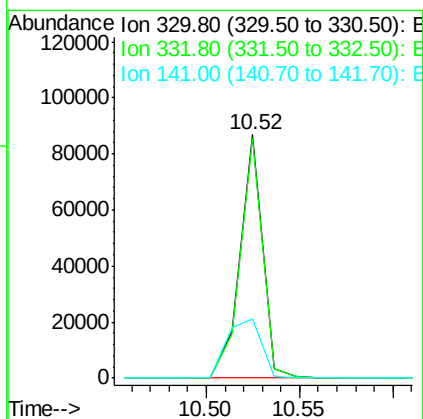
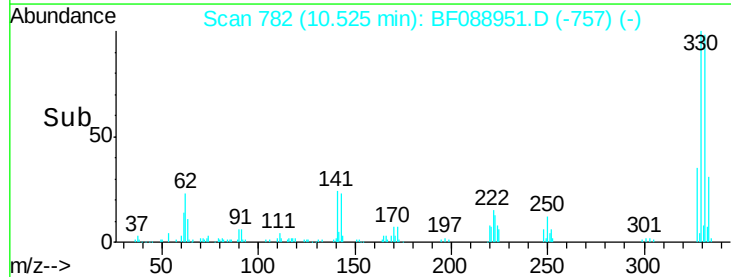
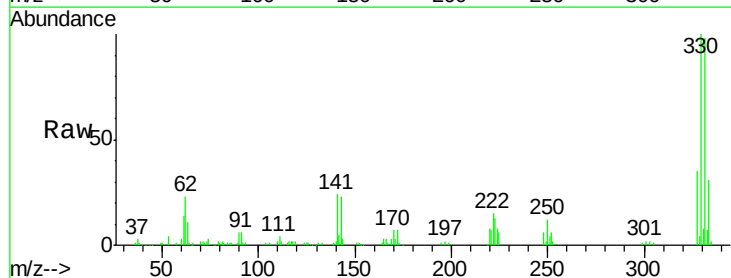
Instrument :
 BNA_F
 ClientSampleId :
 SB-6(11-12)

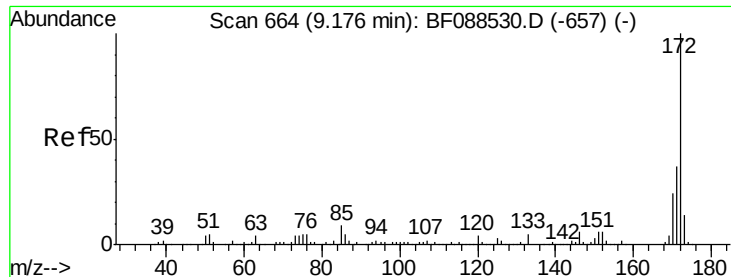
Tgt Ion: 164
 Sig Exp Ratio
 164 100
 162 106.8
 160 49.4



#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088951.D
 Acq: 13 Jul 2016 8:17

Tgt Ion: 330 Resp: 73690
 Ion Ratio Lower Upper
 330 100
 332 97.6 0.0 0.0#
 141 37.1 0.0 0.0#

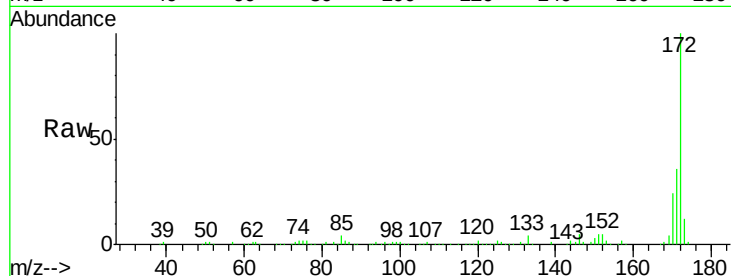




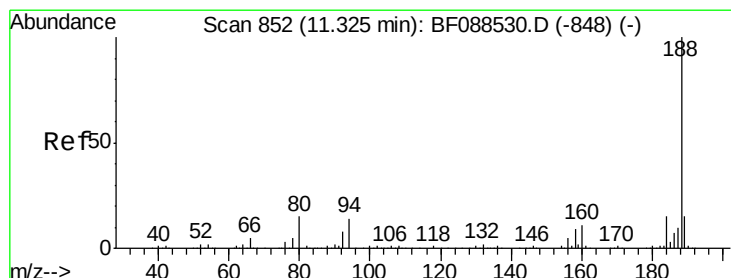
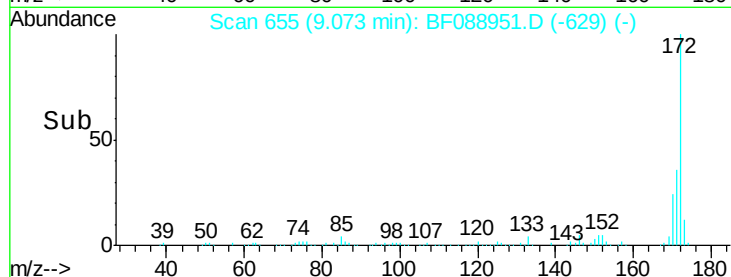
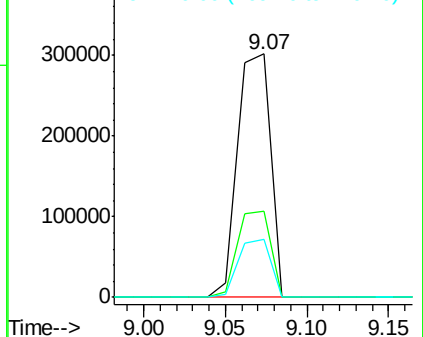
#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF088951.D
 Acq: 13 Jul 2016 8:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(11-12)

Tgt Ion:172 Resp: 419340
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 23.7 19.2 28.8

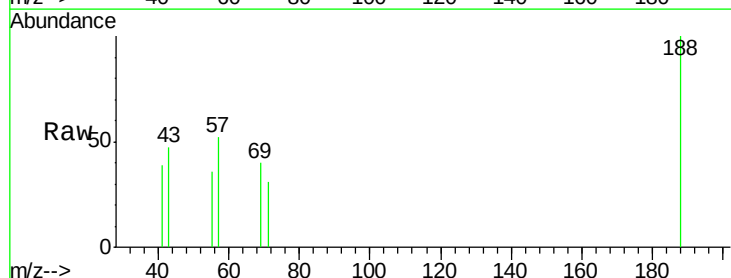


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

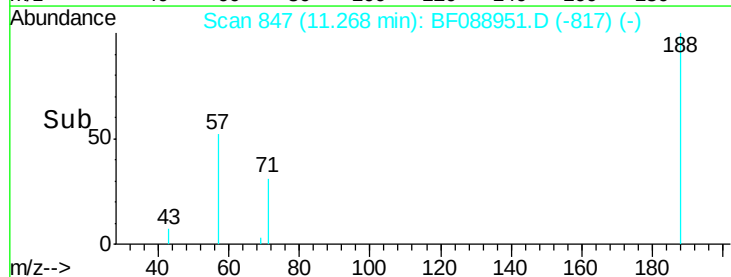
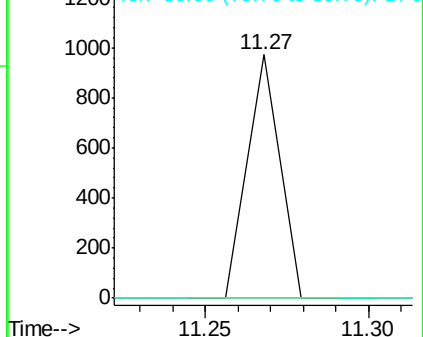


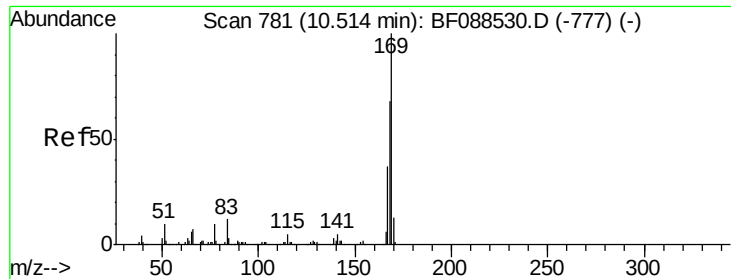
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.27 min Scan# 847
 Delta R.T. 0.05 min
 Lab File: BF088951.D
 Acq: 13 Jul 2016 8:17

Tgt Ion:188 Resp: 667
 Ion Ratio Lower Upper
 188 100
 94 0.0 9.0 13.6#
 80 0.0 10.0 15.0#



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





#65

n-Nitrosodiphenylamine

Concen: 115.26 ng

RT: 10.52 min Scan# 782

Delta R.T. 0.11 min

Lab File: BF088951.D

Acq: 13 Jul 2016 8:17

Instrument :

BNA_F

ClientSampleId :

SB-6(11-12)

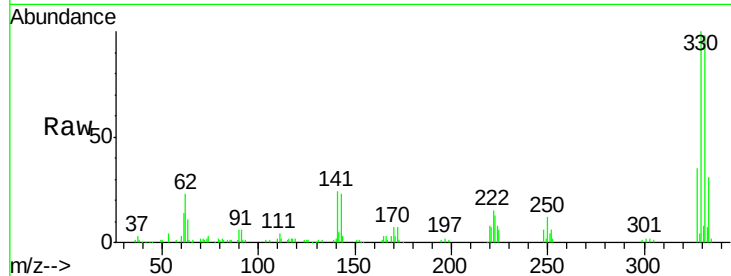
Tgt Ion:169 Resp: 2602

Ion Ratio Lower Upper

169 100

168 0.0 53.4 80.0#

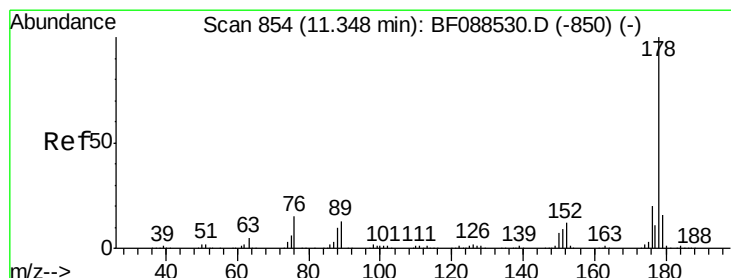
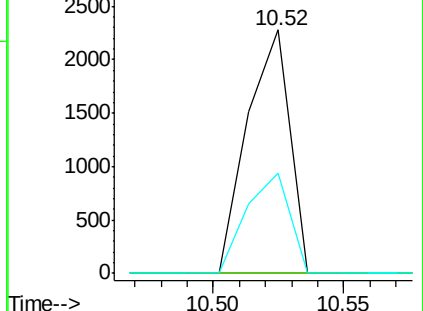
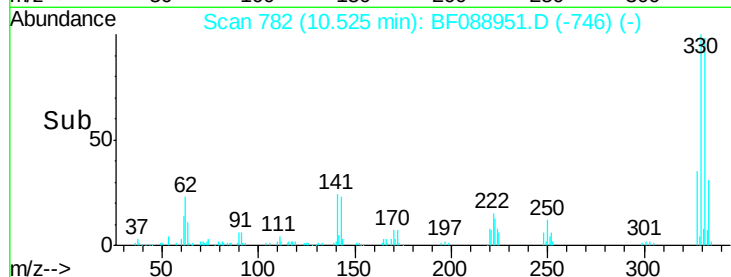
167 41.3 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 19.66 ng

RT: 11.23 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF088951.D

Acq: 13 Jul 2016 8:17

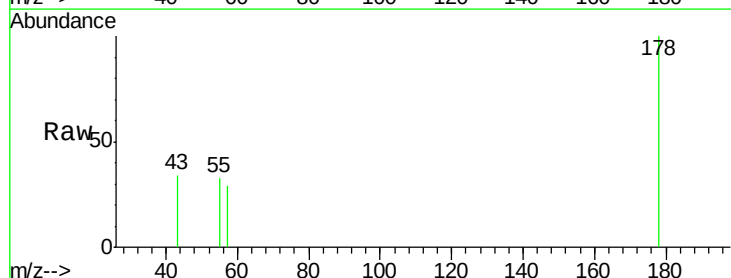
Tgt Ion:178 Resp: 717

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.6#

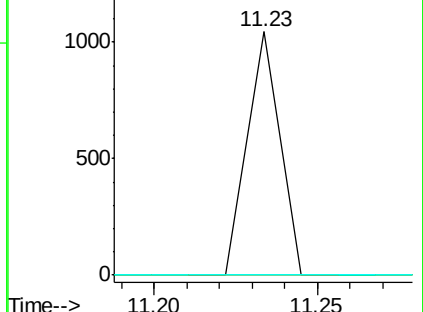
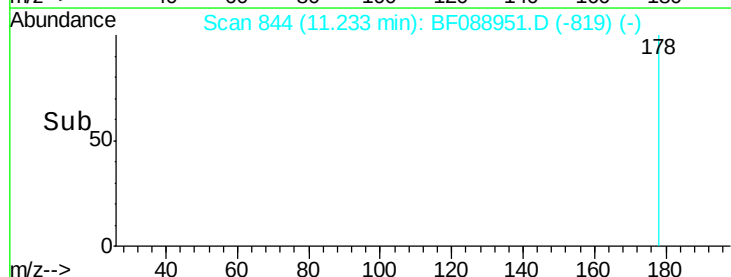
179 0.0 13.0 19.4#

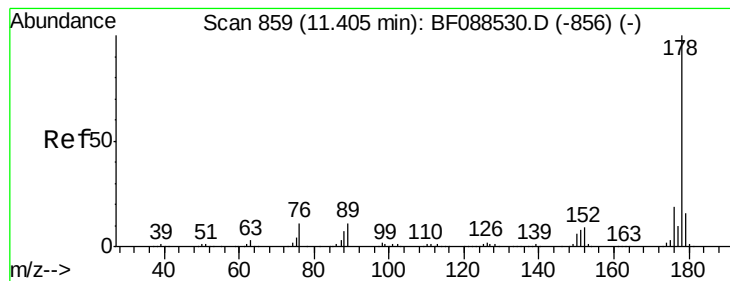


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 19.78 ng

RT: 11.23 min Scan# 844

Delta R.T. -0.07 min

Lab File: BF088951.D

Acq: 13 Jul 2016 8:17

Instrument :

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SB-6(11-12)

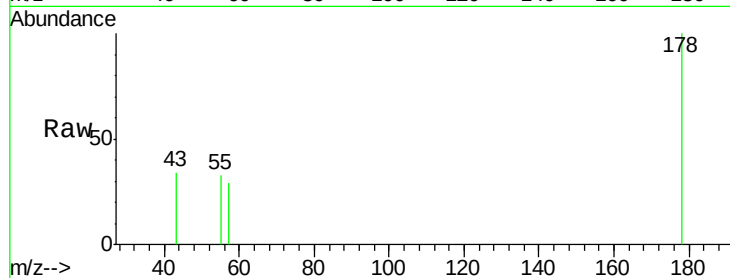
Tgt Ion:178 Resp: 717

Ion Ratio Lower Upper

178 100

176 0.0 15.6 23.4#

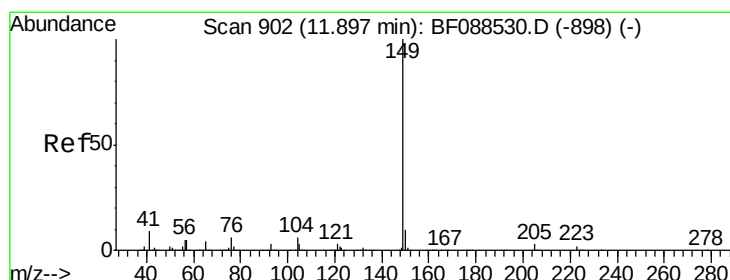
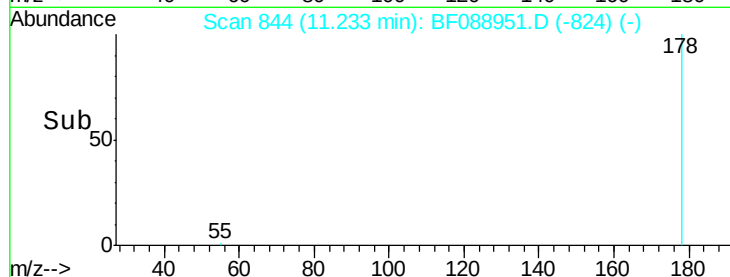
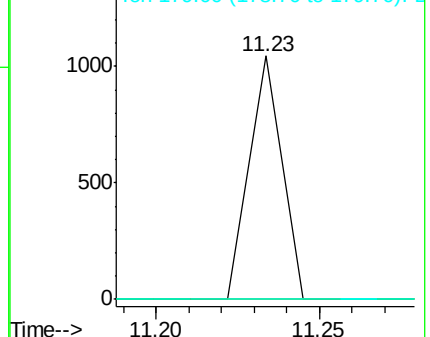
179 0.0 12.8 19.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Di-n-butylphthalate

Concen: 23.05 ng

RT: 11.78 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF088951.D

Acq: 13 Jul 2016 8:17

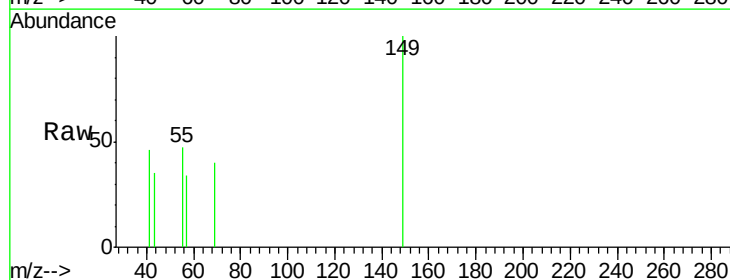
Tgt Ion:149 Resp: 915

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

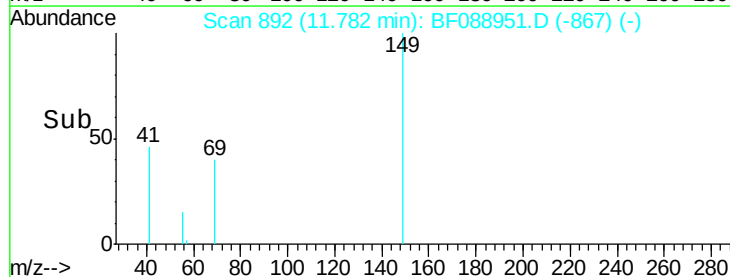
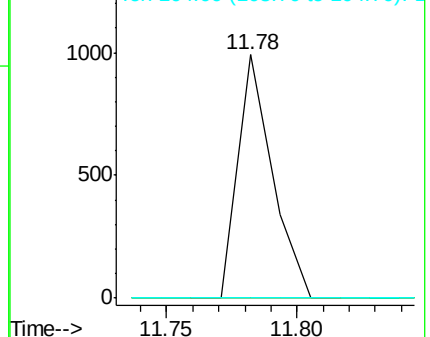
104 0.0 4.0 6.0#

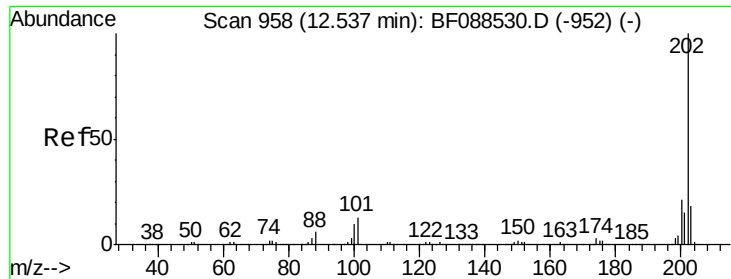


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 6.28 ng

RT: 12.51 min Scan# 956

Delta R.T. 0.09 min

Lab File: BF088951.D

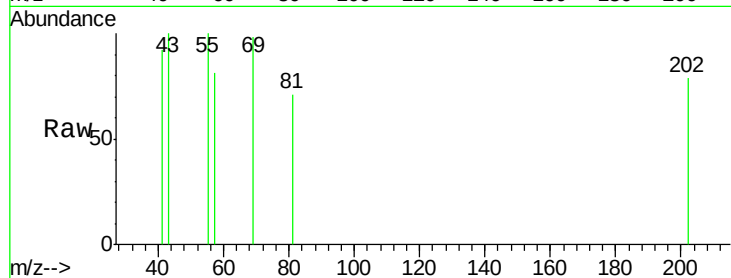
Acq: 13 Jul 2016 8:17

Instrument :

BNA_F

ClientSampleId :

SB-6(11-12)



Tgt Ion: 202 Resp: 232

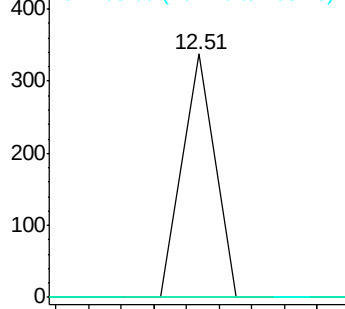
Ion Ratio Lower Upper

202 100

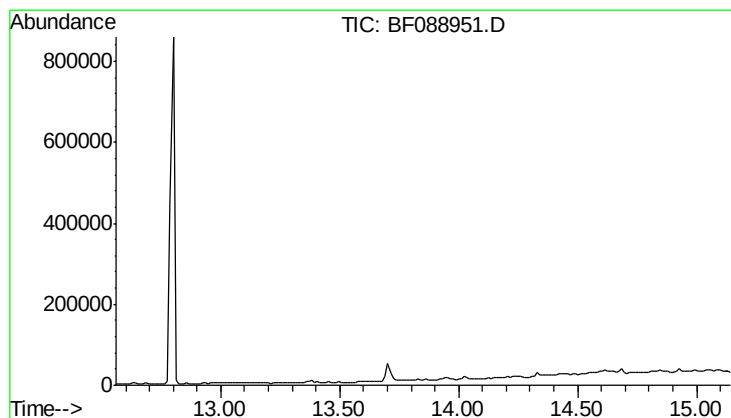
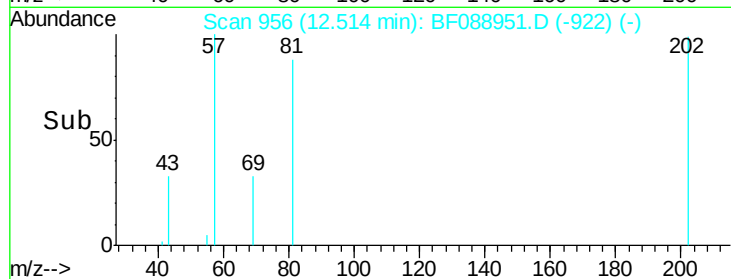
101 0.0 0.0 33.1

203 0.0 0.0 38.1

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 0.00 ng

Expected RT: 13.85 min

Lab File: BF088951.D

Acq: 13 Jul 2016 8:17

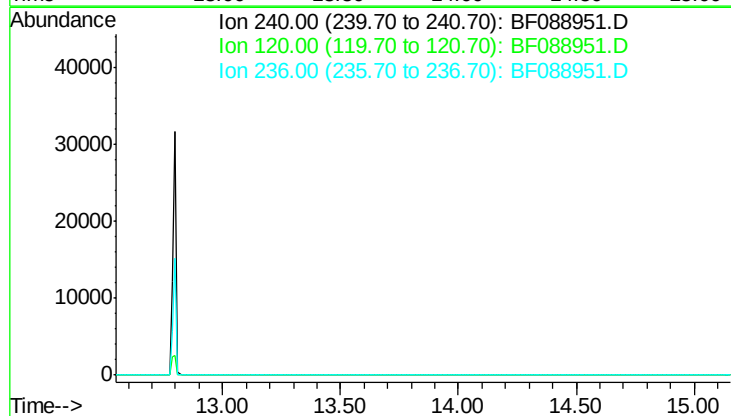
Tgt Ion: 240

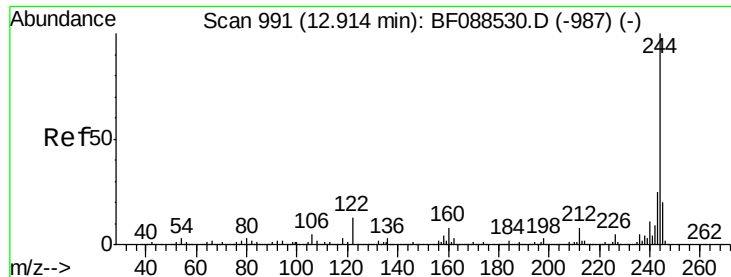
Sig Exp Ratio

240 100

120 8.5

236 25.2

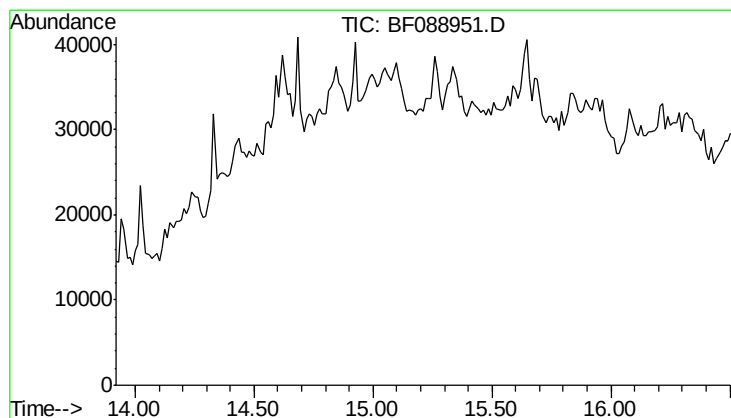
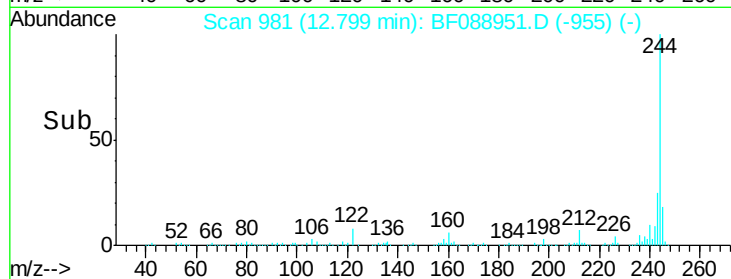
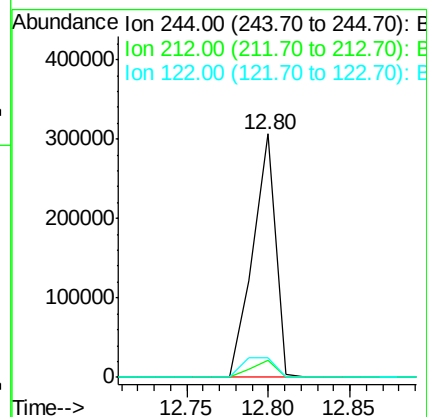
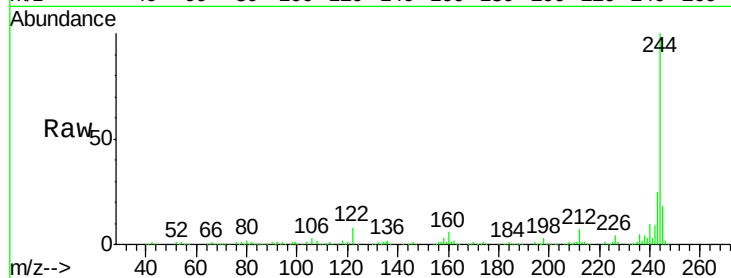




#78
 Terphenyl-d14
 Concen: 0.00 ng
 RT: 12.80 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF088951.D
 Acq: 13 Jul 2016 8:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(11-12)

Tgt Ion: 244 Resp: 297177
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 8.2 11.2 16.8#



#86
 Perylene-d12
 Concen: 0.00 ng
 Expected RT: 15.21 min
 Lab File: BF088951.D
 Acq: 13 Jul 2016 8:17

Tgt Ion: 264
 Sig Exp Ratio
 264 100
 260 24.0
 265 21.1

