

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
 Data File : BF088953.D
 Acq On : 13 Jul 2016 9:30
 Operator : UM/SJ
 Sample : H3999-01RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 13:05:03 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

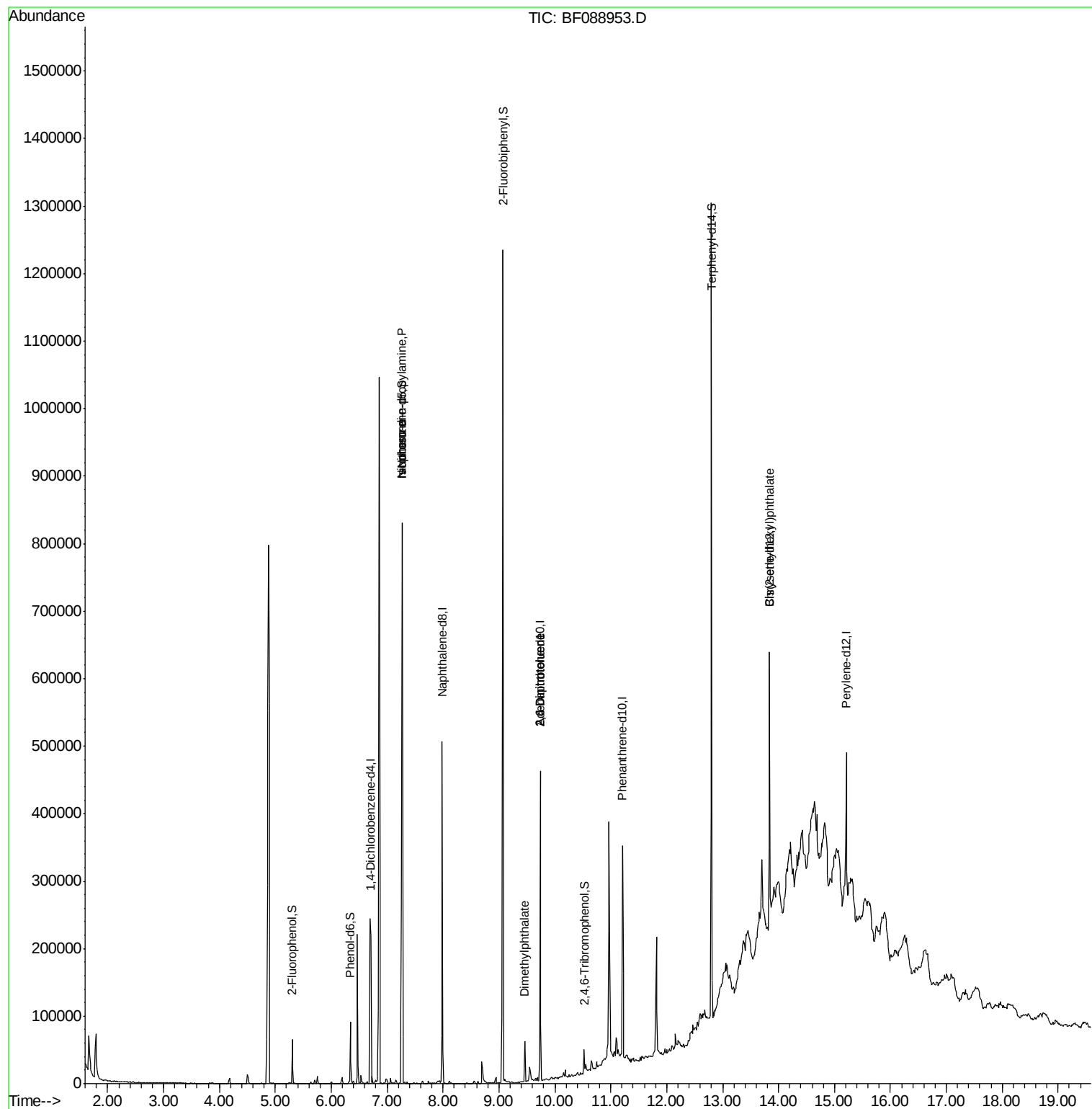
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	52006	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	210313	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	81195	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	117488	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	114373	20.00	ng	-0.01
86) Perylene-d12	15.21	264	87227	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	18526	5.34	ng	0.01
7) Phenol-d6	6.34	99	29889	6.67	ng	-0.01
23) Nitrobenzene-d5	7.27	82	285151	71.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	5479	7.27	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	532331	103.56	ng	0.00
78) Terphenyl-d14	12.80	244	334819	65.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	38811	12.89	ng	# 74
25) Isophorone	7.27	82	216604	29.14	ng	# 65
49) Dimethylphthalate	9.46	163	22309	3.86	ng	98
50) 2,6-Dinitrotoluene	9.74	165	10406	8.12	ng	# 37
56) 2,4-Dinitrotoluene	9.74	165	10406	6.21	ng	# 36
83) Bis(2-ethylhexyl)phthalate	13.84	149	16067	3.25	ng	# 97

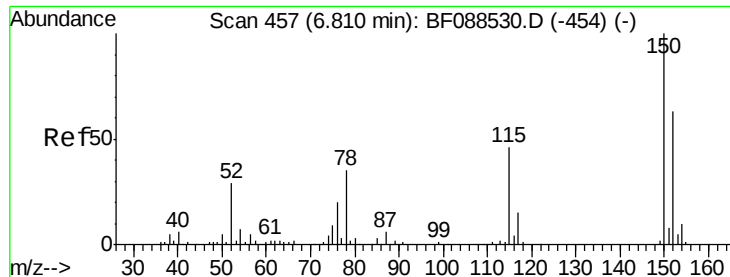
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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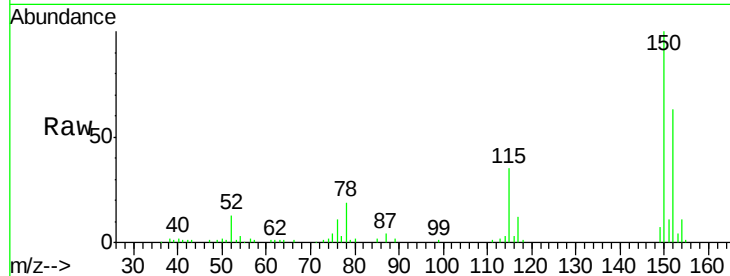


#1

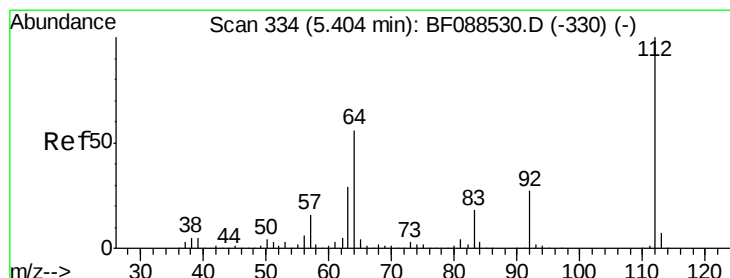
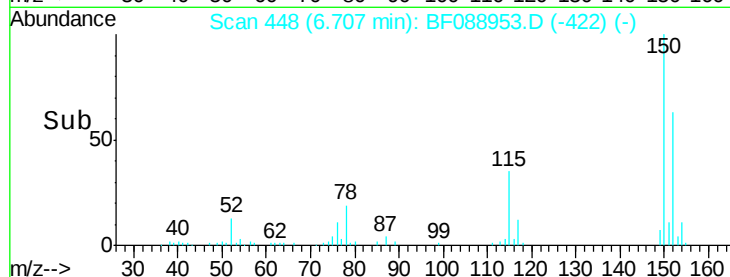
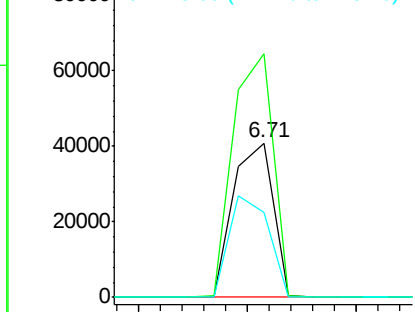
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF088953.D
Acq: 13 Jul 2016 9:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 52006
Ion Ratio Lower Upper
152 100
150 157.8 123.8 185.6
115 55.1 39.6 59.4



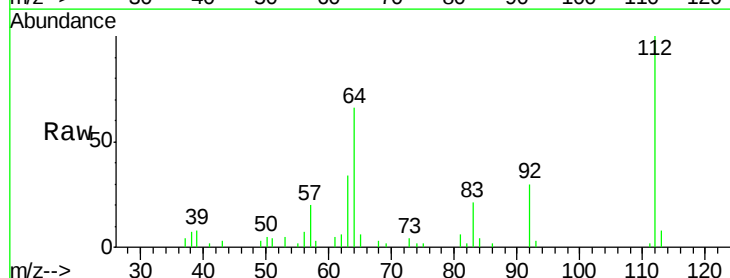
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



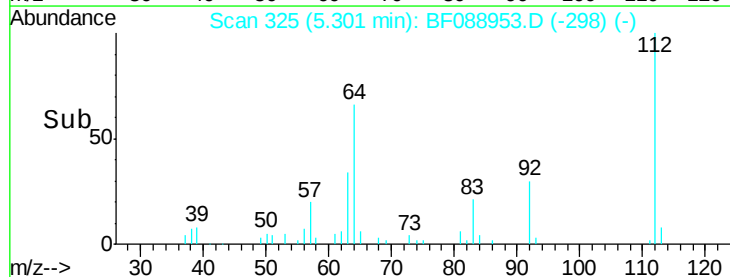
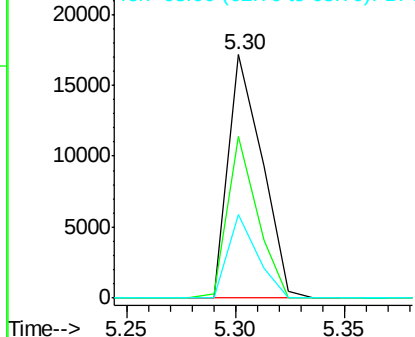
#5

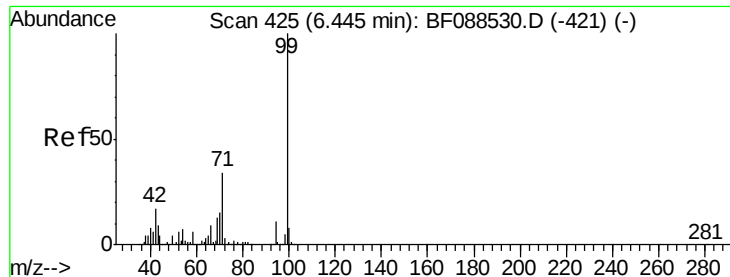
2-Fluorophenol
Concen: 5.34 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.01 min
Lab File: BF088953.D
Acq: 13 Jul 2016 9:30

Tgt Ion:112 Resp: 18526
Ion Ratio Lower Upper
112 100
64 66.5 42.2 63.2#
63 34.3 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: 6.67 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088953.D

Acq: 13 Jul 2016 9:30

Instrument :

BNA_F

ClientSampleId :

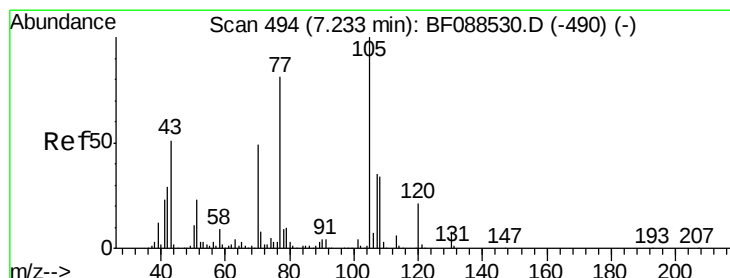
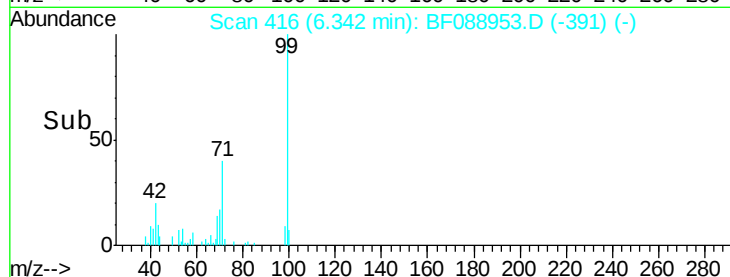
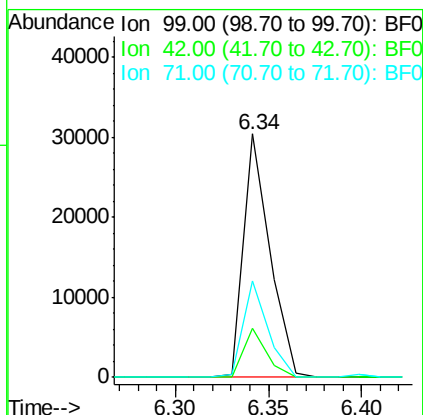
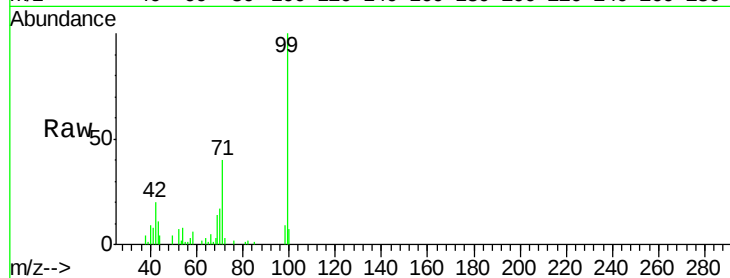
Tot Ion: 99 Resp: 29889

Ion Ratio Lower Upper

99 100

42 20.0 12.2 18.2#

71 39.8 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 12.89 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.13 min

Lab File: BF088953.D

Acq: 13 Jul 2016 9:30

Tgt Ion: 70 Resp: 38811

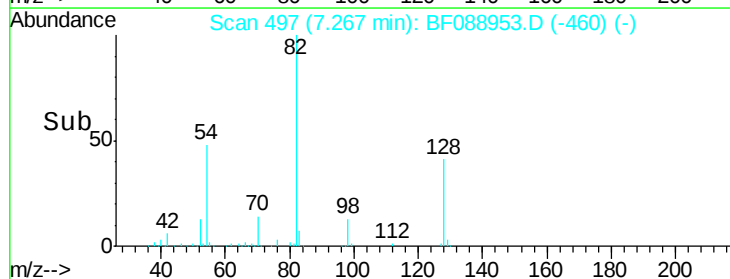
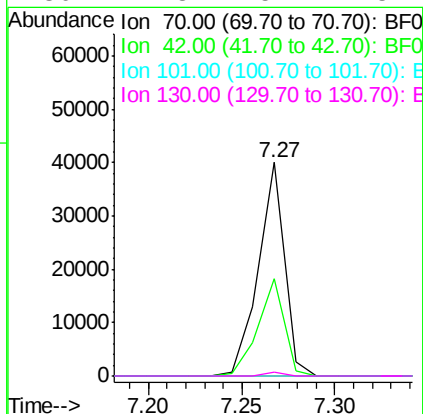
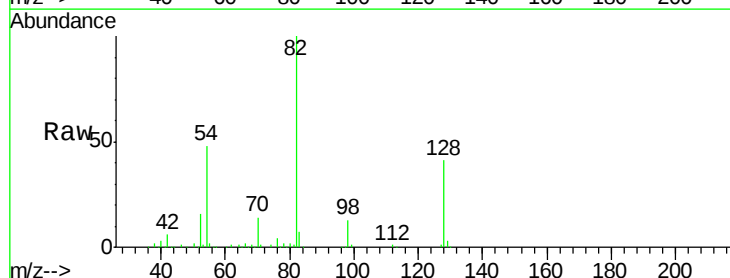
Ion Ratio Lower Upper

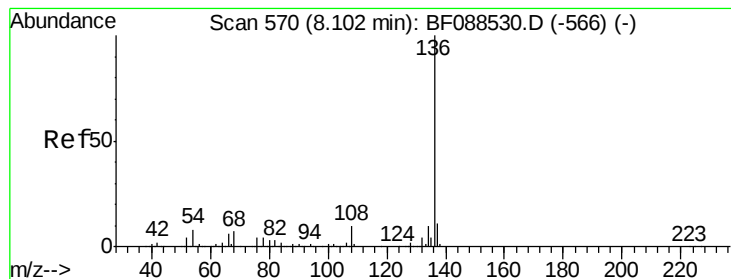
70 100

42 45.3 49.6 74.4#

101 0.0 7.1 10.7#

130 1.8 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF088953.D

Acq: 13 Jul 2016 9:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 210313

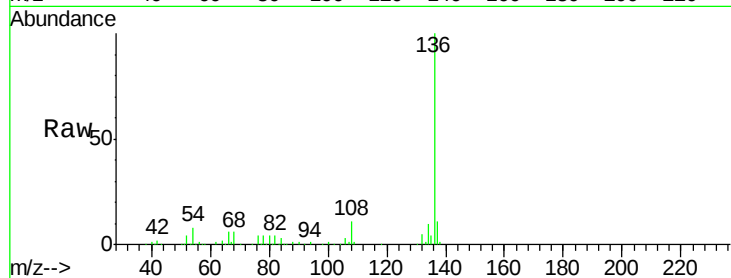
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.7 6.6 10.0

68 6.1 5.1 7.7

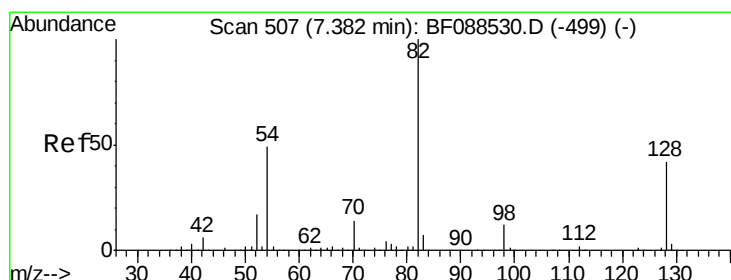
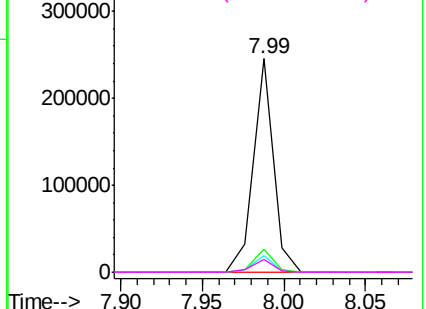
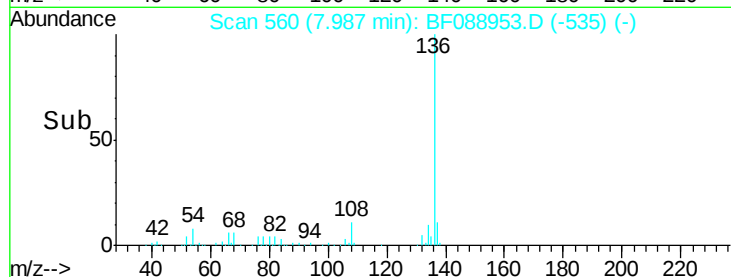


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.05 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF088953.D

Acq: 13 Jul 2016 9:30

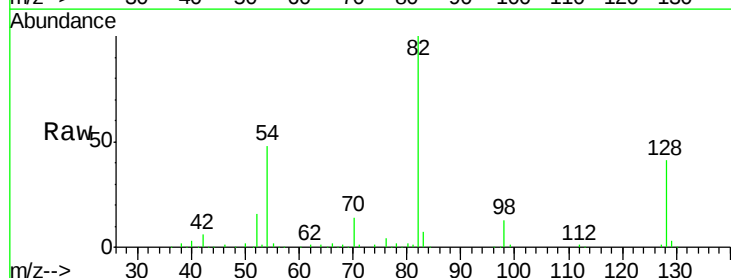
Tgt Ion: 82 Resp: 285151

Ion Ratio Lower Upper

82 100

128 40.9 35.9 53.9

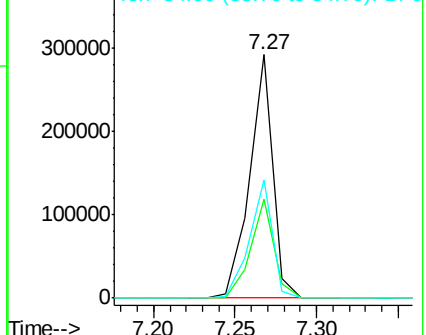
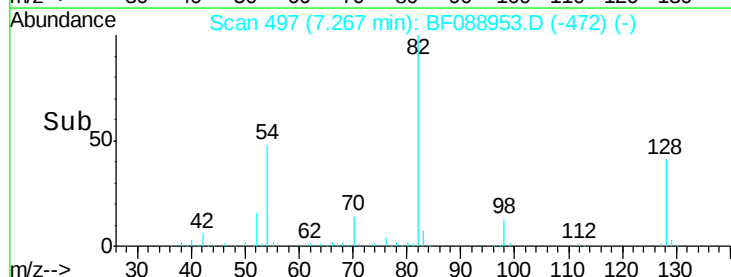
54 48.5 40.9 61.3

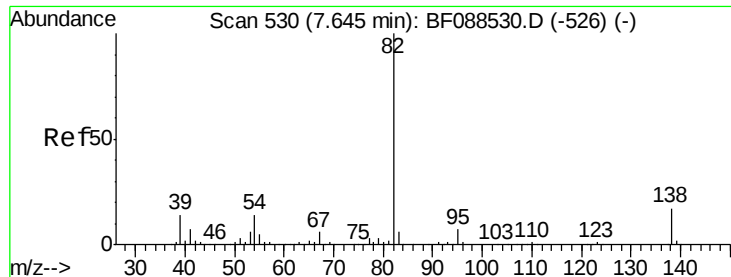


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 29.14 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.27 min

Lab File: BF088953.D

Acq: 13 Jul 2016 9:30

Instrument :

BNA_F

ClientSampled :

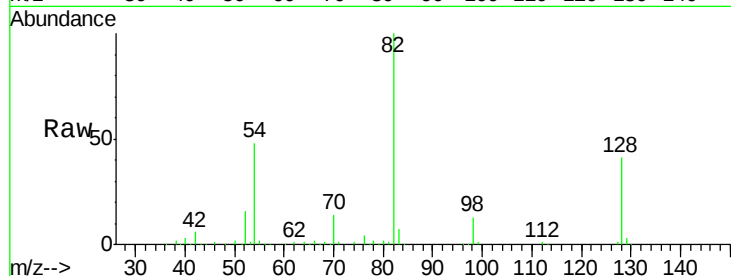
Tot Ion: 82 Resp: 216604

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

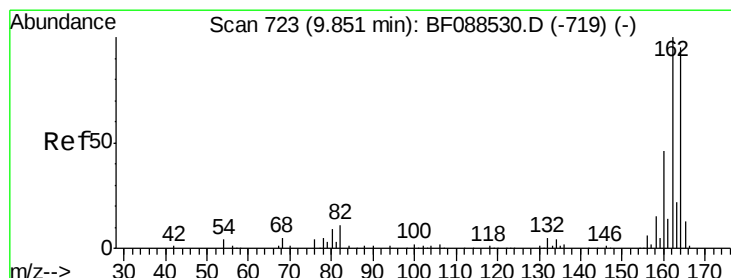
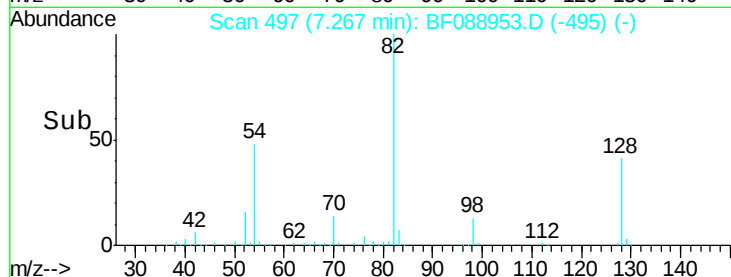
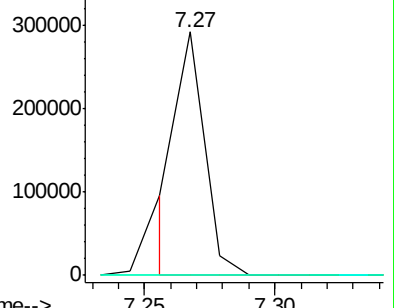
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF088953.D (-495) (-)

Ion 95.00 (94.70 to 95.70): BF088953.D (-495) (-)

Ion 138.00 (137.70 to 138.70): BF088953.D (-495) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF088953.D

Acq: 13 Jul 2016 9:30

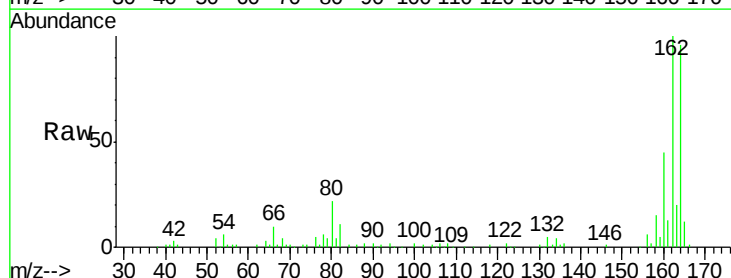
Tgt Ion: 164 Resp: 81195

Ion Ratio Lower Upper

164 100

162 104.6 85.4 128.2

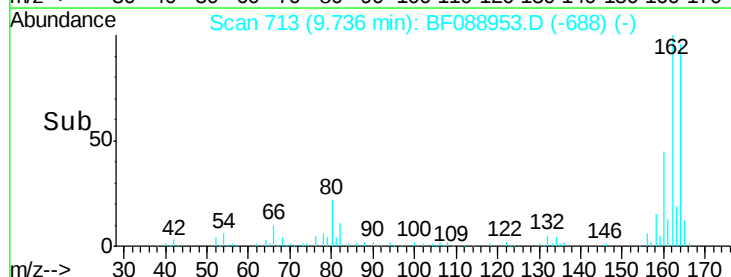
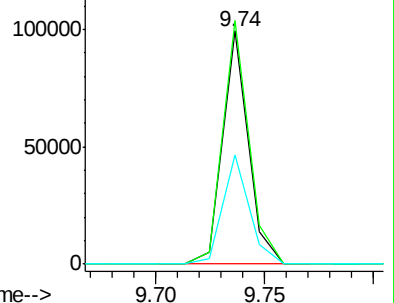
160 46.7 39.5 59.3

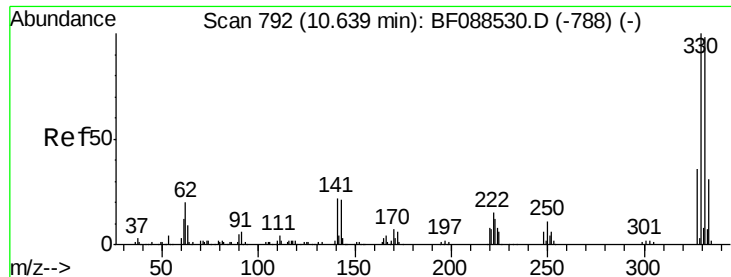


Abundance Ion 164.00 (163.70 to 164.70): BF088953.D (-688) (-)

Ion 162.00 (161.70 to 162.70): BF088953.D (-688) (-)

Ion 160.00 (159.70 to 160.70): BF088953.D (-688) (-)

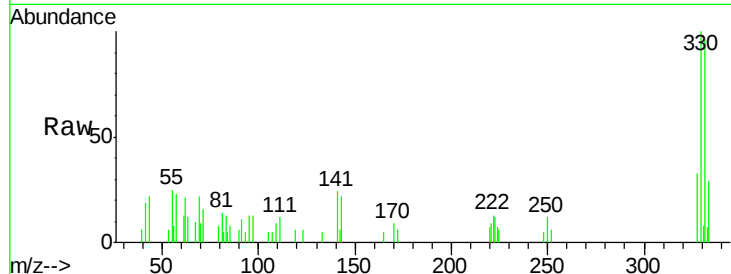




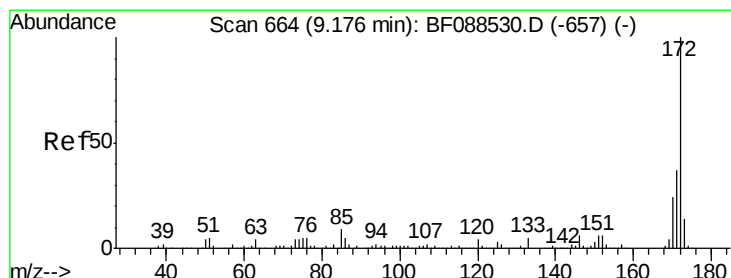
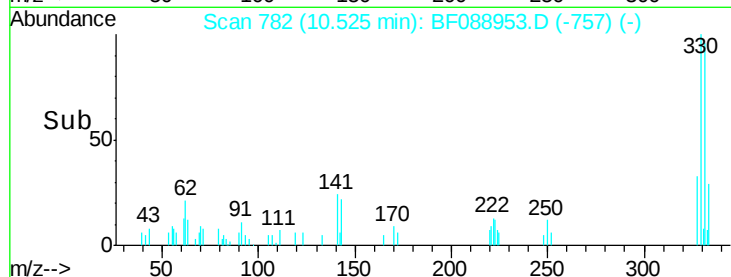
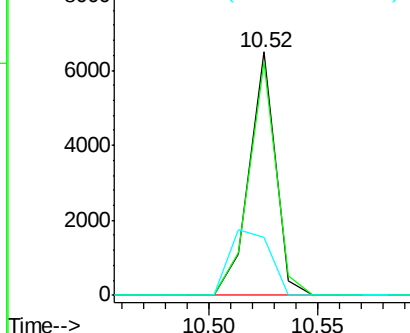
#41
 2,4,6-Tribromophenol
 Concen: 7.27 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088953.D
 Acq: 13 Jul 2016 9:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	0.0	0.0#
141	41.4	0.0	0.0#

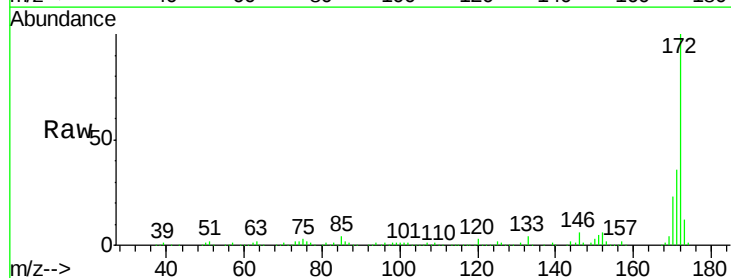


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

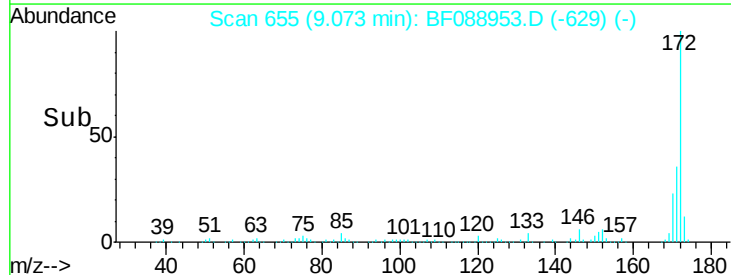
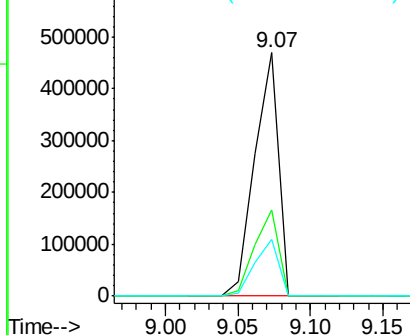


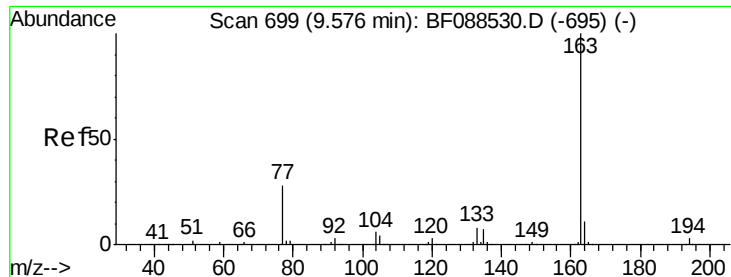
#44
 2-Fluorobiphenyl
 Concen: 103.56 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF088953.D
 Acq: 13 Jul 2016 9:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.4	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





#49

Dimethylphthalate

Concen: 3.86 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF088953.D

Acq: 13 Jul 2016 9:30

Instrument :

BNA_F

ClientSampleId :

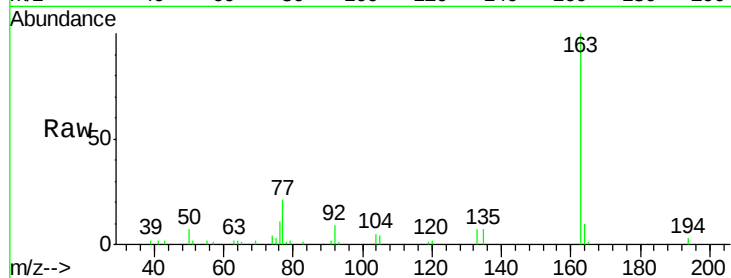
Tot Ion:163 Resp: 22309

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

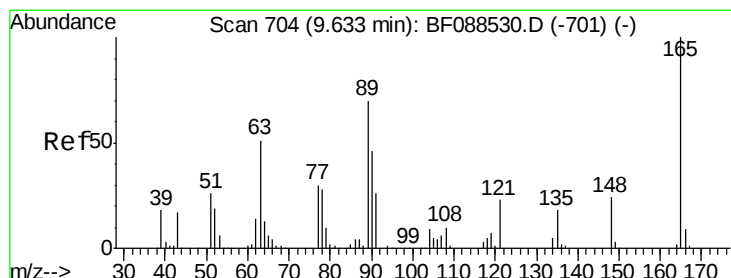
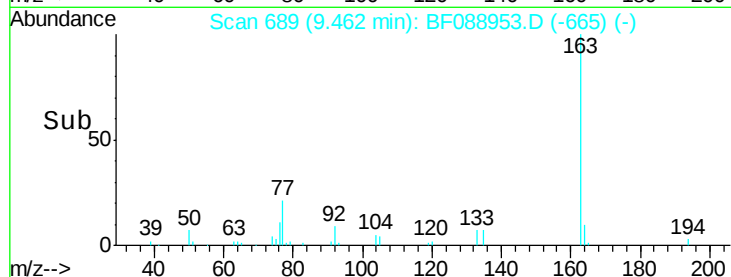
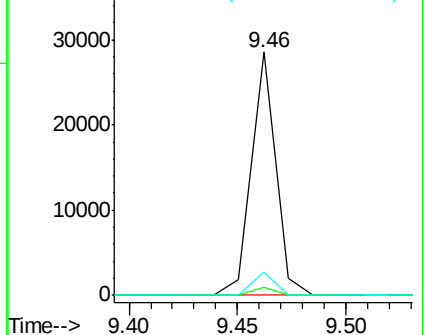
164 9.6 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 8.12 ng

RT: 9.74 min Scan# 713

Delta R.T. 0.19 min

Lab File: BF088953.D

Acq: 13 Jul 2016 9:30

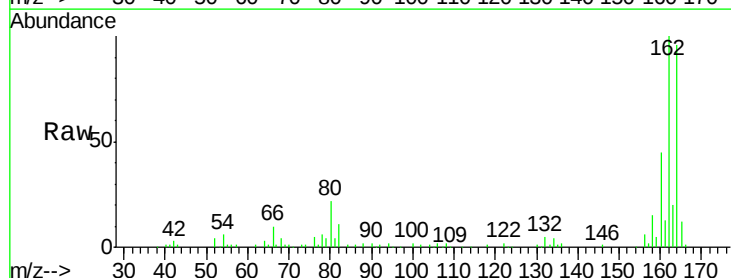
Tgt Ion:165 Resp: 10406

Ion Ratio Lower Upper

165 100

63 0.0 28.1 42.1#

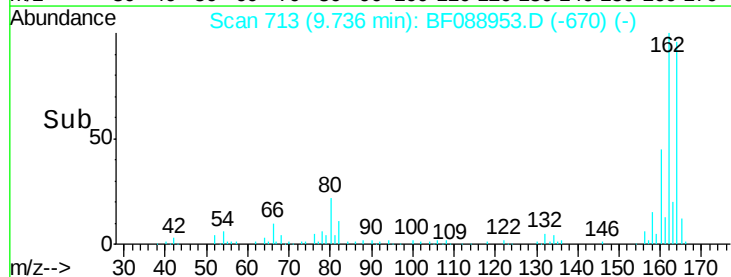
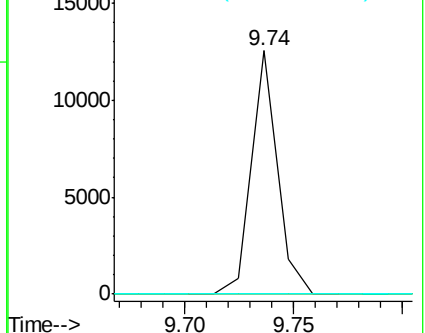
89 0.0 32.2 48.2#

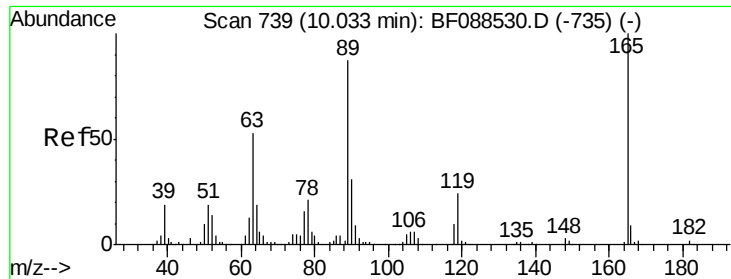


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

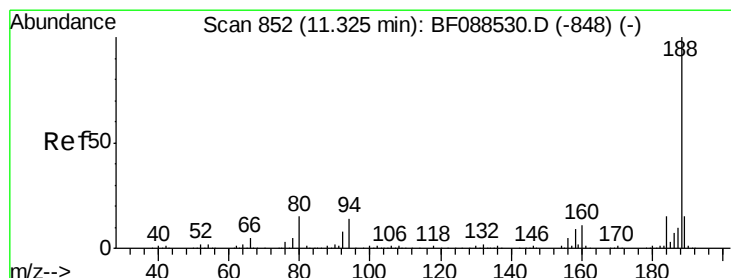
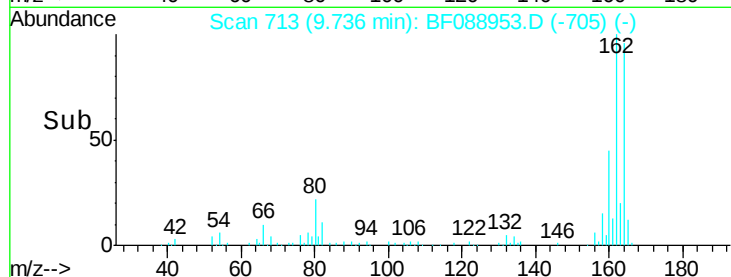
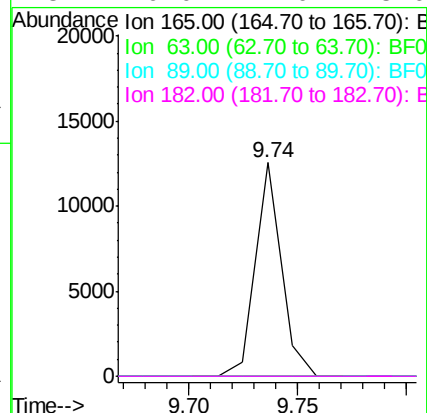
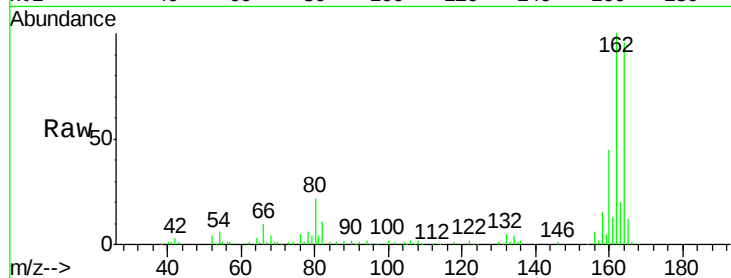




#56
 2,4-Dinitrotoluene
 Concen: 6.21 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.21 min
 Lab File: BF088953.D
 Acq: 13 Jul 2016 9:30

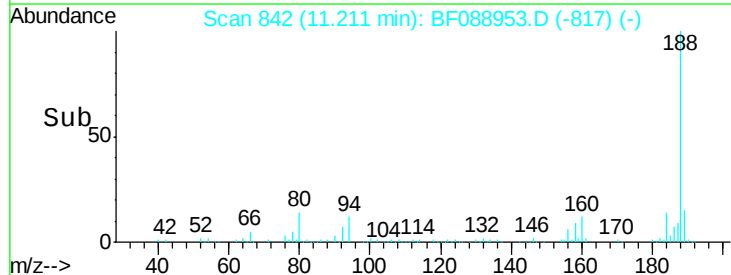
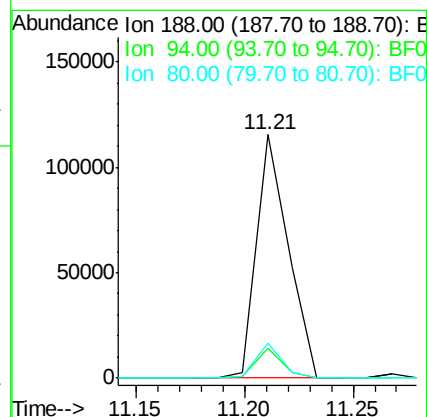
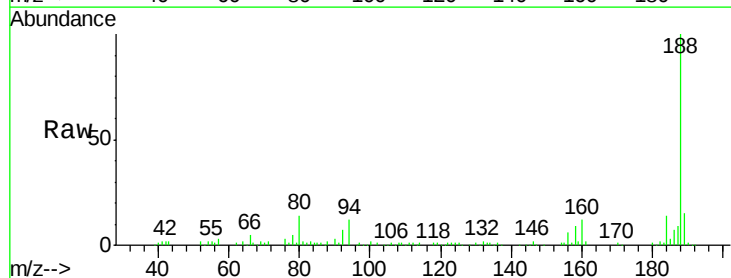
Instrument :
 BNA_F
 ClientSampleId :

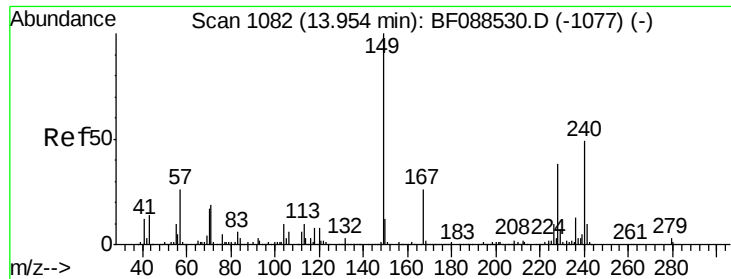
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF088953.D
 Acq: 13 Jul 2016 9:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.0	13.6
80	14.5	10.0	15.0

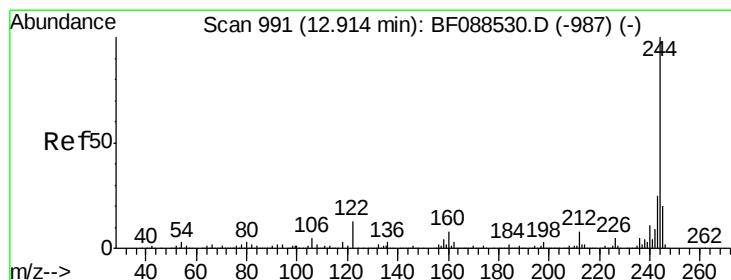
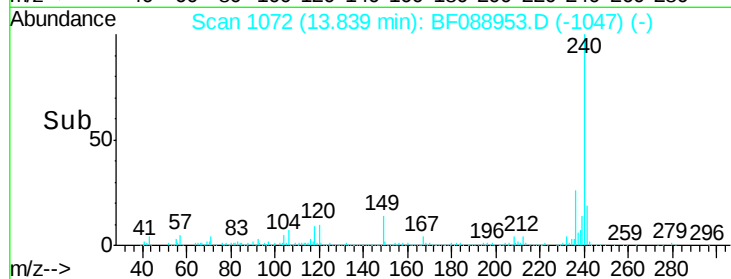
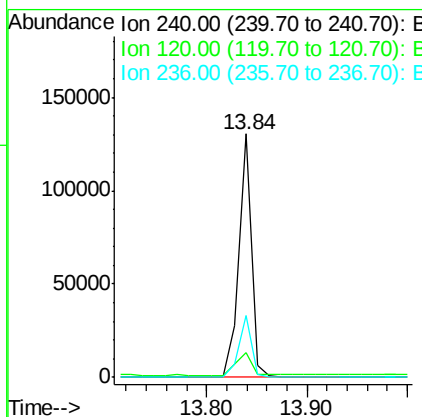
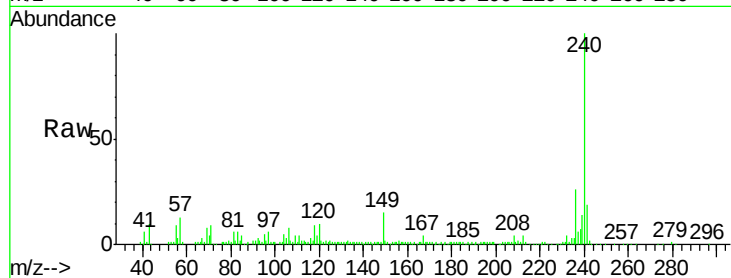




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: BF088953.D
 Acq: 13 Jul 2016 9:30

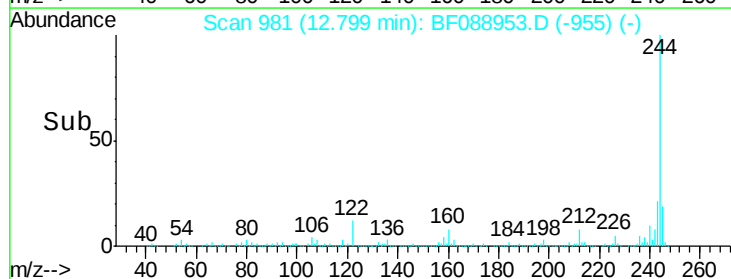
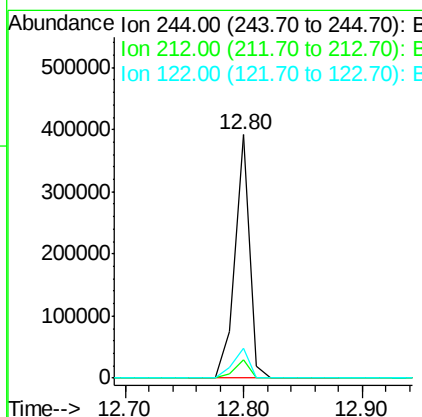
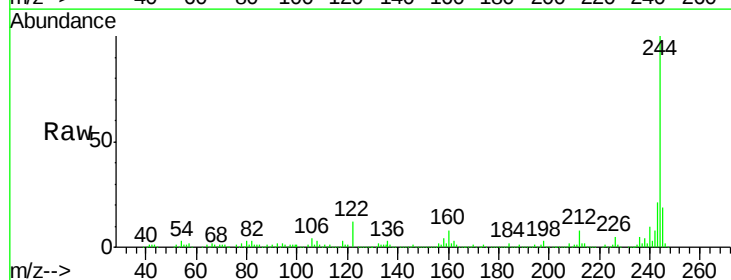
Instrument :
 BNA_F
 ClientSampleId :

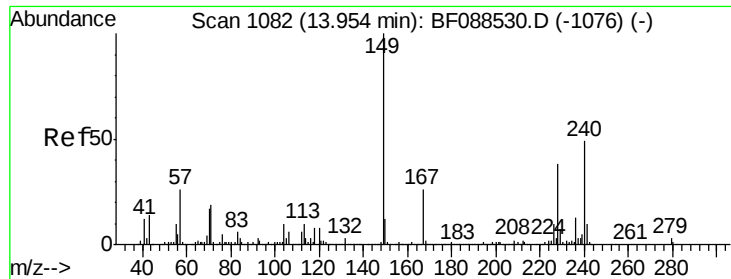
Tot Ion:240 Resp: 114373
 Ion Ratio Lower Upper
 240 100
 120 10.4 6.8 10.2#
 236 25.6 20.2 30.2



#78
 Terphenyl-d14
 Concen: 65.20 ng
 RT: 12.80 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF088953.D
 Acq: 13 Jul 2016 9:30

Tgt Ion:244 Resp: 334819
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 12.2 11.2 16.8

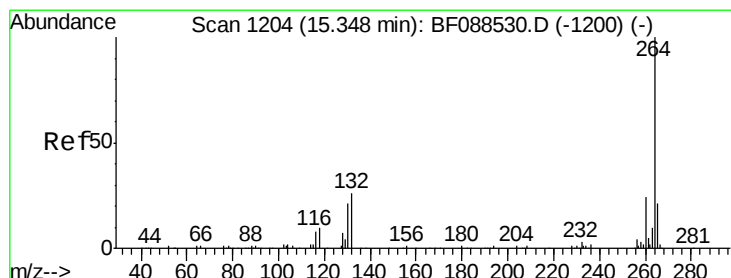
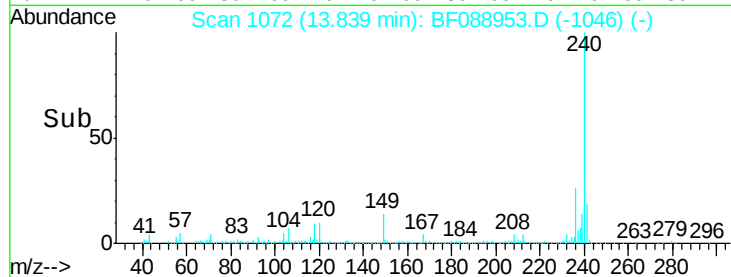
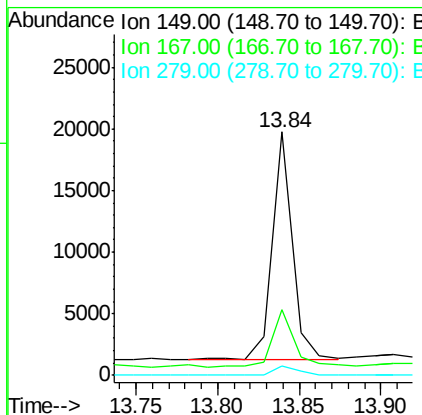
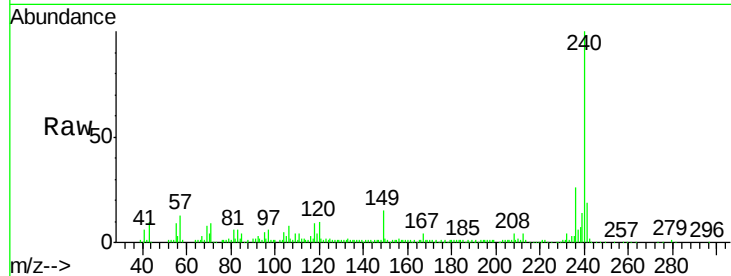




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.25 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.00 min
 Lab File: BF088953.D
 Acq: 13 Jul 2016 9:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:149 Resp: 16067
 Ion Ratio Lower Upper
 149 100
 167 26.9 20.5 30.7
 279 4.0 2.0 3.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF088953.D
 Acq: 13 Jul 2016 9:30

Tgt Ion:264 Resp: 87227
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.5 16.9 25.3

