

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
 Data File : BF088630.D
 Acq On : 2 Jul 2016 21:32
 Operator : UM/SJ
 Sample : H3847-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R5-B3(0-12)C

Quant Time: Jul 03 03:05:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

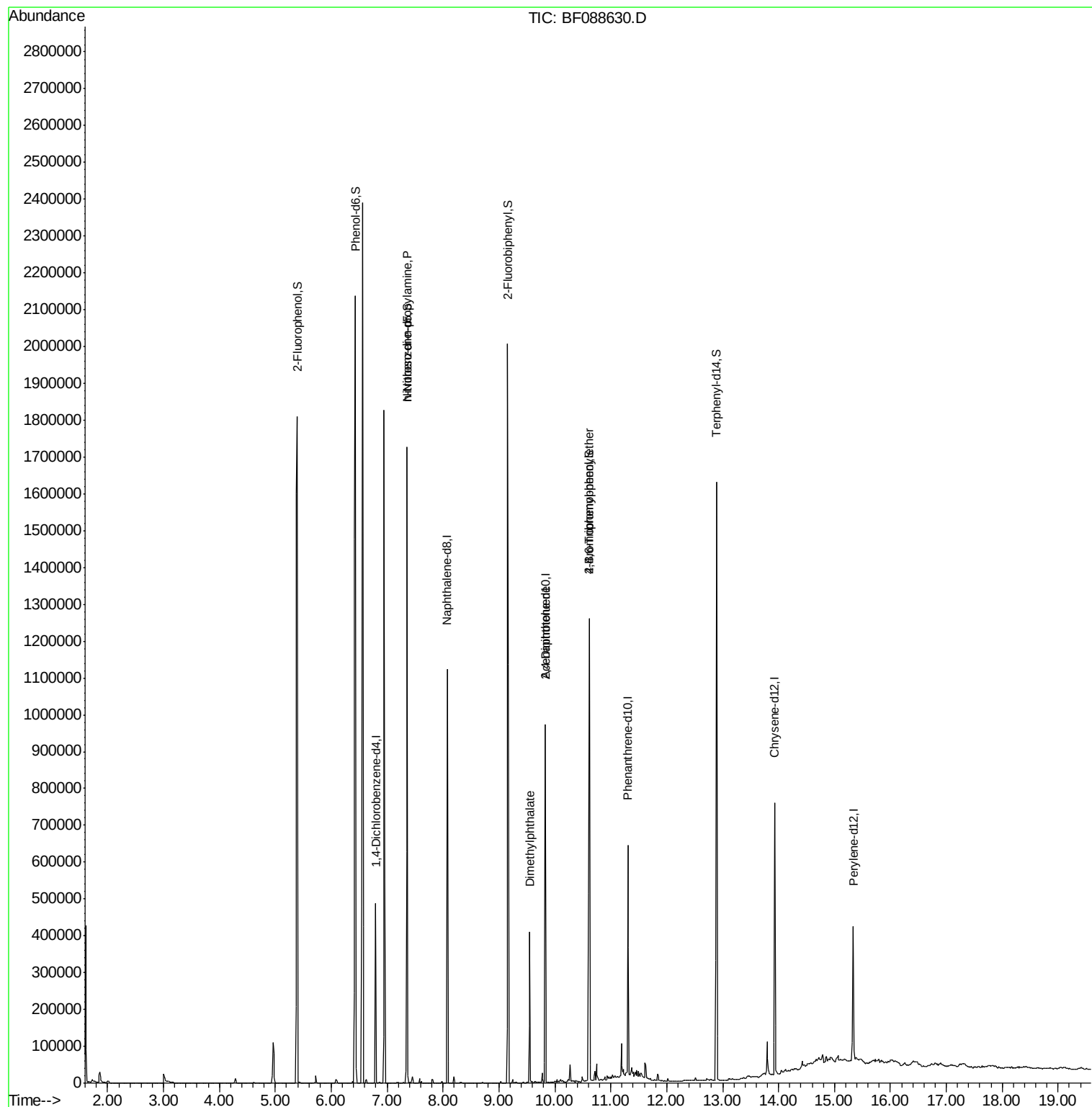
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	108037	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	440211	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	174125	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	263763	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	219065	20.00	ng	-0.02
86) Perylene-d12	15.34	264	192610	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	733917	101.81	ng	-0.01
7) Phenol-d6	6.43	99	983479	105.59	ng	-0.01
23) Nitrobenzene-d5	7.36	82	587769	69.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	143841	88.96	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	770165	69.87	ng	-0.02
78) Terphenyl-d14	12.89	244	448859	45.64	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	80528	12.87	ng	# 72
49) Dimethylphthalate	9.55	163	181605	14.64	ng	98
56) 2,4-Dinitrotoluene	9.83	165	22303	6.20	ng	# 38
66) 4-Bromophenyl-phenylether	10.62	248	10391	3.91	ng	# 1

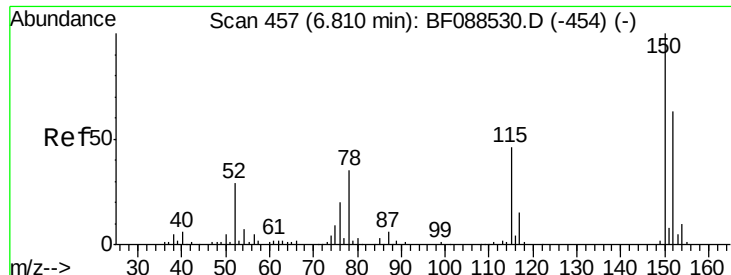
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF088630.D

Acq: 2 Jul 2016 21:32

Instrument :

BNA_F

ClientSampleId :

R5-B3(0-12)C

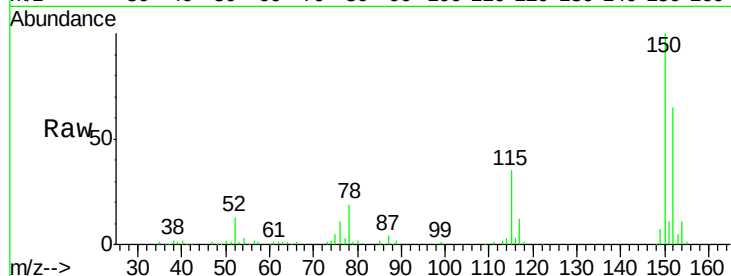
Tgt Ion:152 Resp: 108037

Ion Ratio Lower Upper

152 100

150 153.6 123.8 185.6

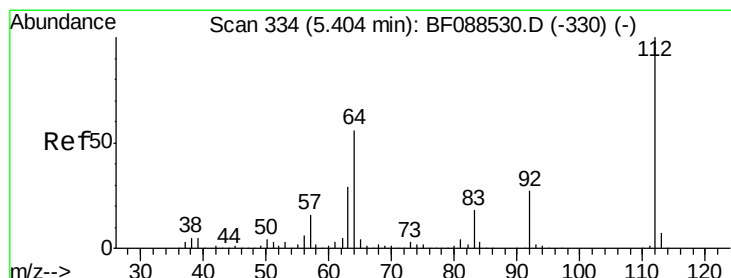
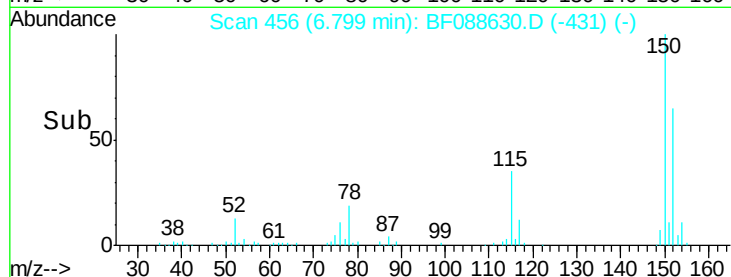
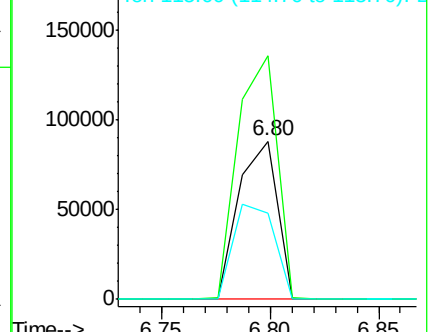
115 54.3 39.6 59.4



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: 101.81 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF088630.D

Acq: 2 Jul 2016 21:32

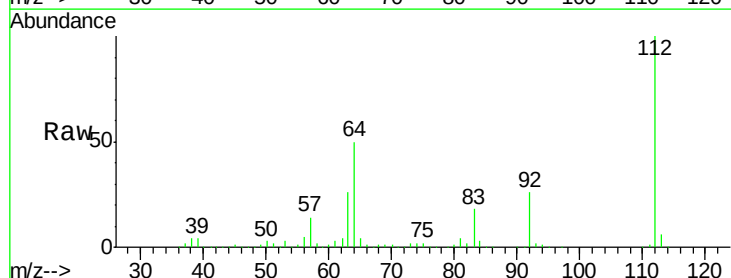
Tgt Ion:112 Resp: 733917

Ion Ratio Lower Upper

112 100

64 50.4 42.2 63.2

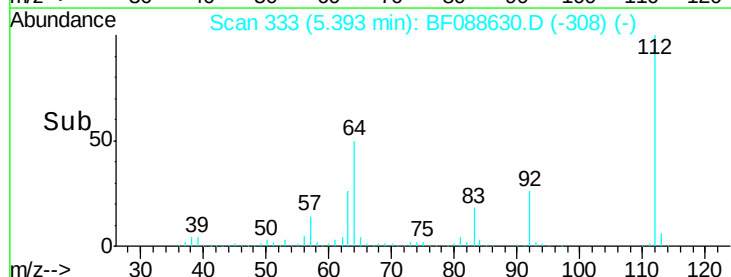
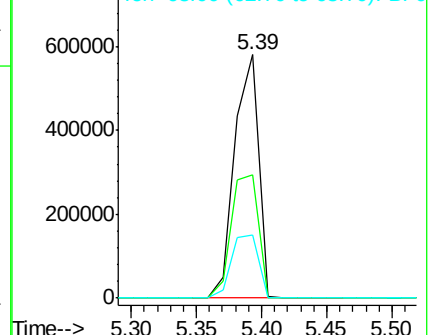
63 25.9 21.8 32.8

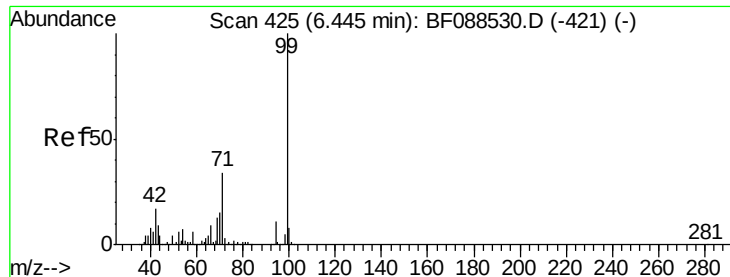


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.59 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088630.D

Acq: 2 Jul 2016 21:32

Instrument :

BNA_F

ClientSampleId :

R5-B3(0-12)C

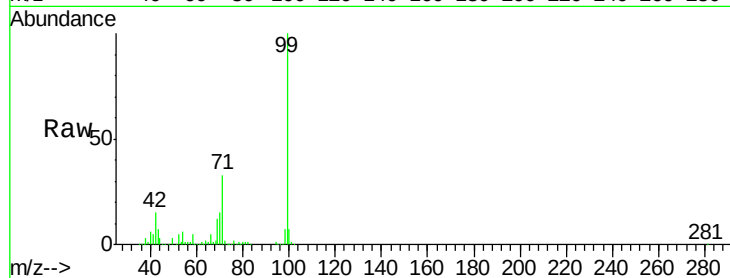
Tgt Ion: 99 Resp: 983479

Ion Ratio Lower Upper

99 100

42 14.7 12.2 18.2

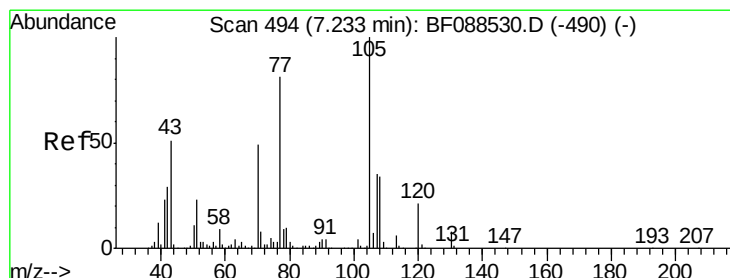
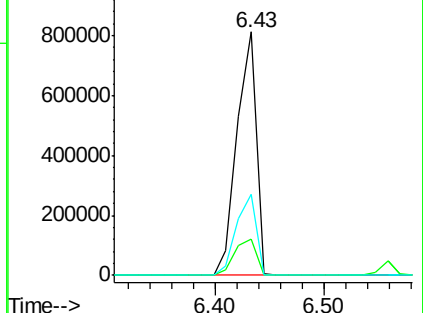
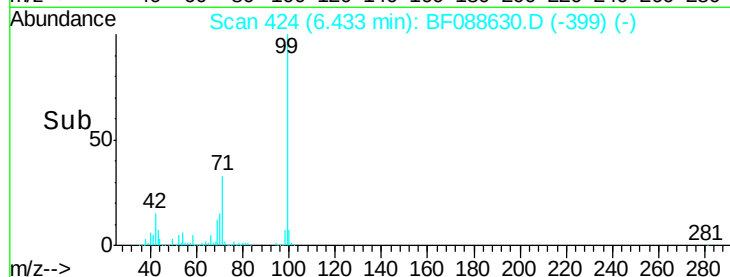
71 33.2 23.4 35.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.87 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.13 min

Lab File: BF088630.D

Acq: 2 Jul 2016 21:32

Tgt Ion: 70 Resp: 80528

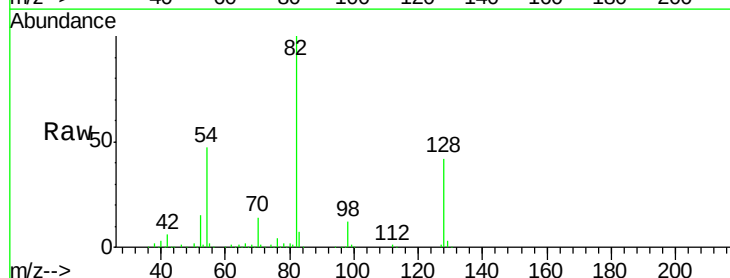
Ion Ratio Lower Upper

70 100

42 42.3 49.6 74.4#

101 0.0 7.1 10.7#

130 2.0 15.4 23.2#

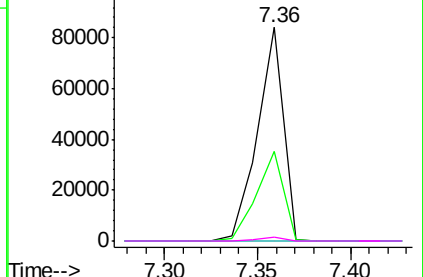
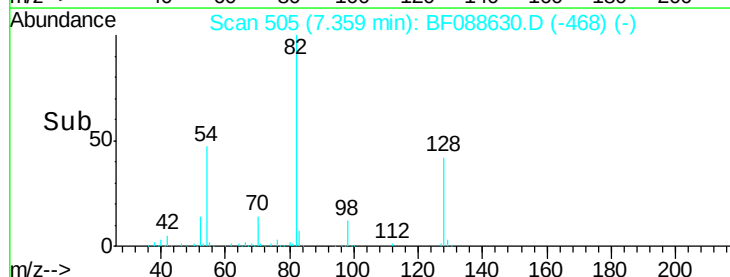


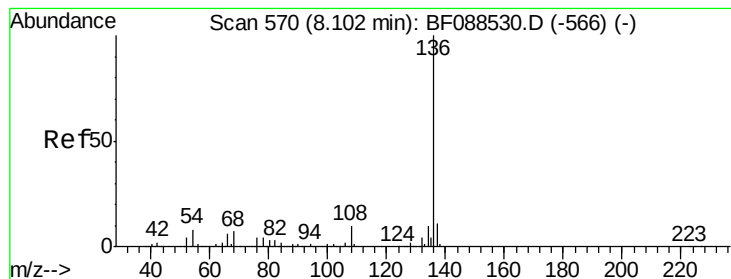
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF088630.D

Acq: 2 Jul 2016 21:32

Instrument :

BNA_F

ClientSampleId :

R5-B3(0-12)C

Tgt Ion:136 Resp: 440211

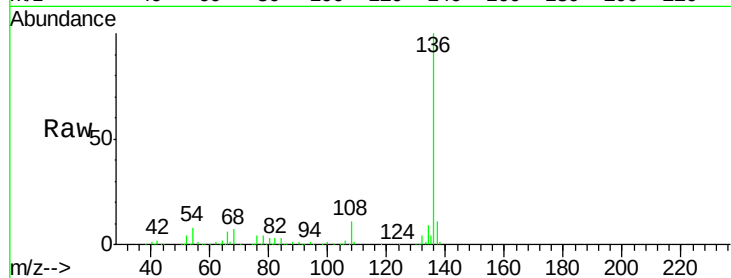
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.0 6.6 10.0

68 6.8 5.1 7.7

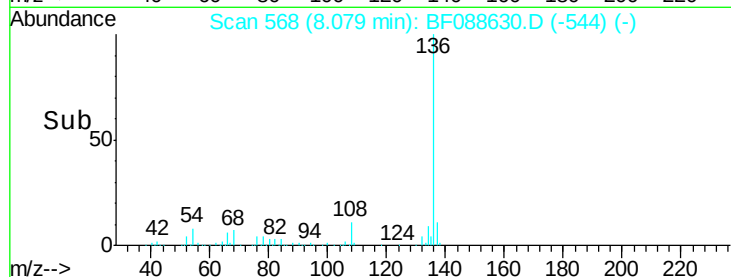


Abundance Ion 136.00 (135.70 to 136.70): E

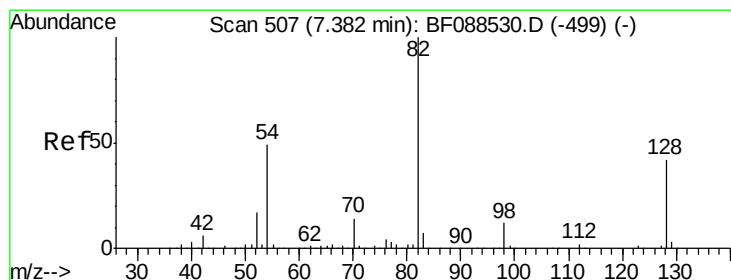
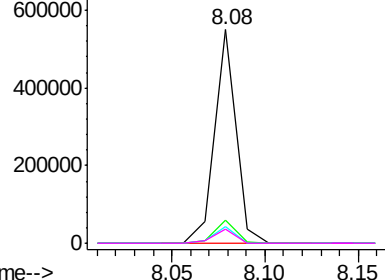
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 69.97 ng

RT: 7.36 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF088630.D

Acq: 2 Jul 2016 21:32

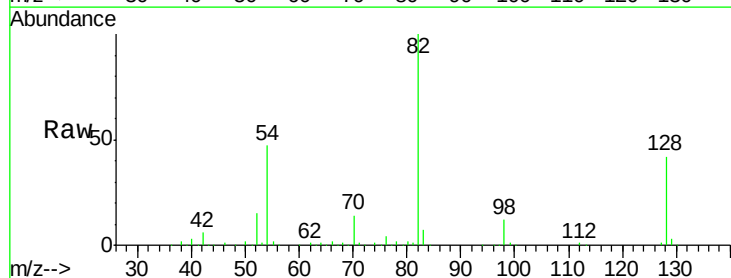
Tgt Ion: 82 Resp: 587769

Ion Ratio Lower Upper

82 100

128 42.5 35.9 53.9

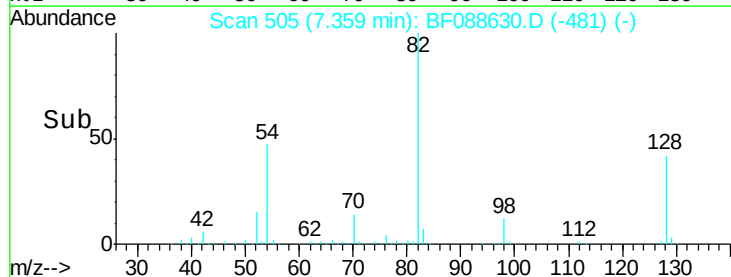
54 47.1 40.9 61.3



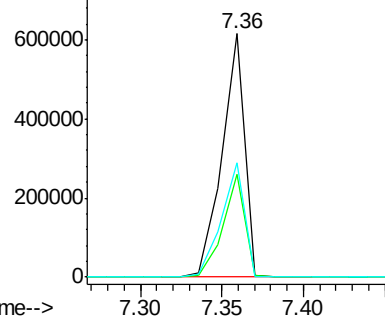
Abundance Ion 82.00 (81.70 to 82.70): BF0

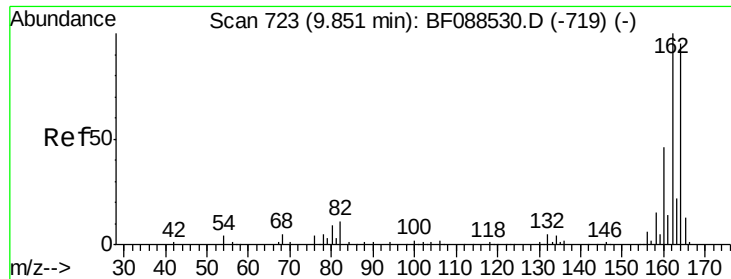
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

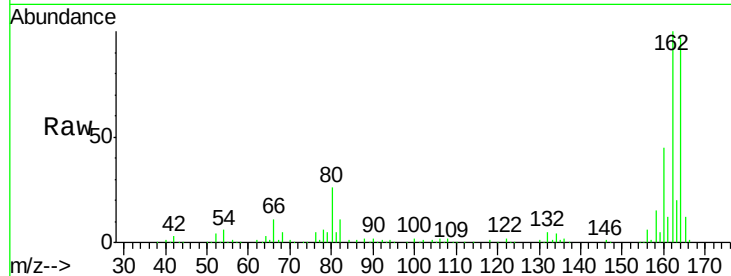




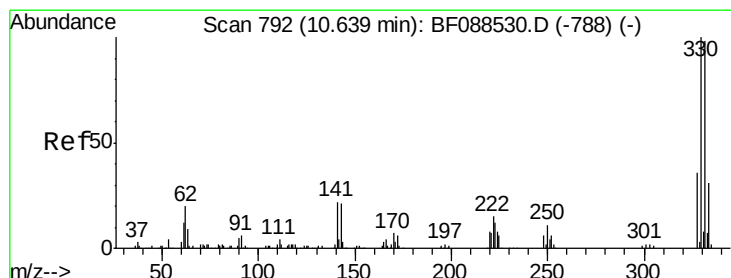
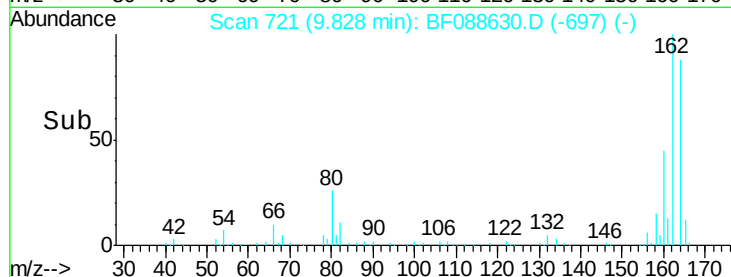
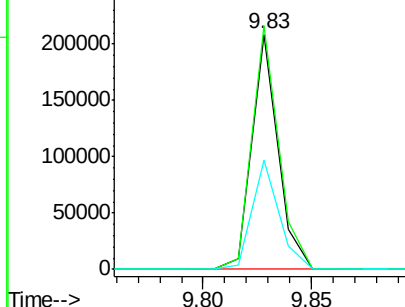
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 721
 Delta R.T. -0.02 min
 Lab File: BF088630.D
 Acq: 2 Jul 2016 21:32

Instrument :
 BNA_F
 ClientSampleId :
 R5-B3(0-12)C

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.4	128.2
160	46.5	39.5	59.3

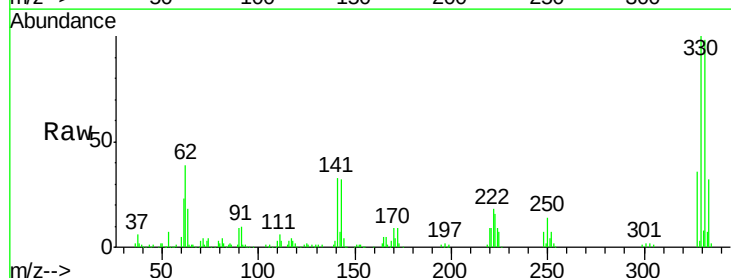


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

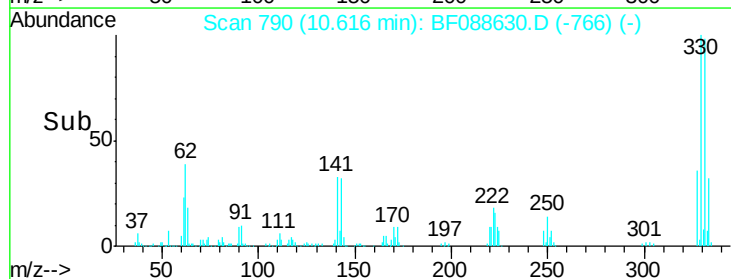
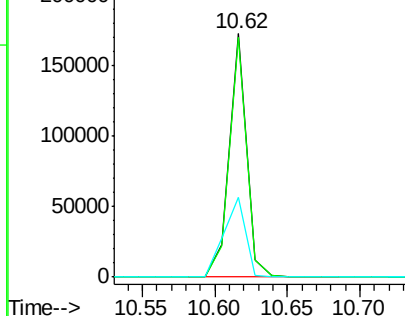


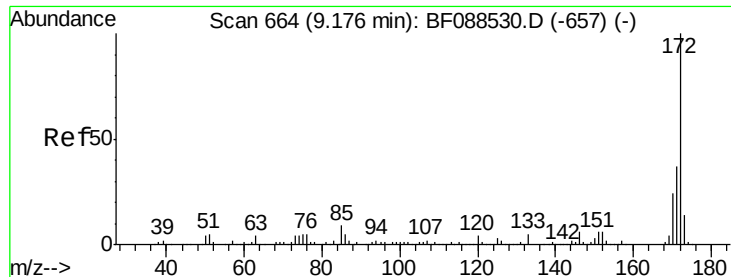
#41
 2,4,6-Tribromophenol
 Concen: 88.96 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF088630.D
 Acq: 2 Jul 2016 21:32

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	0.0	0.0#
141	41.0	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

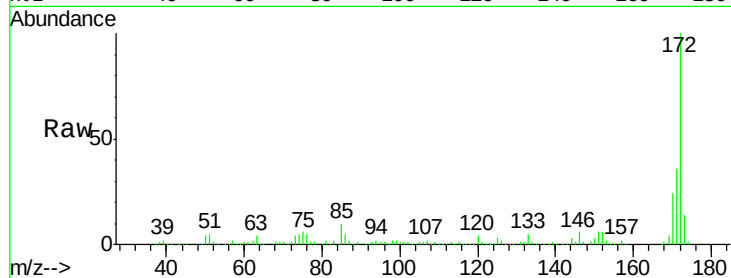




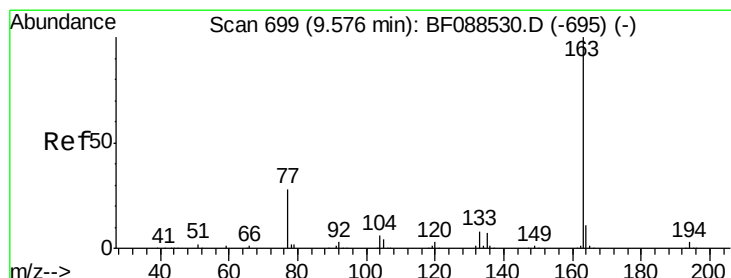
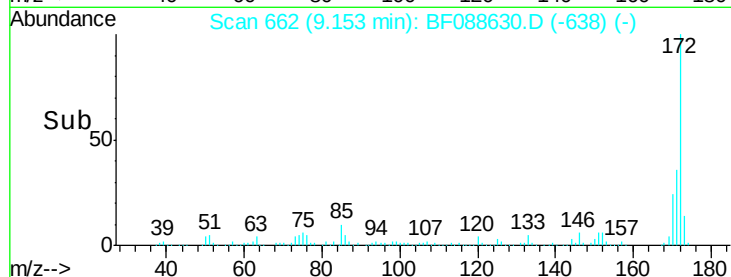
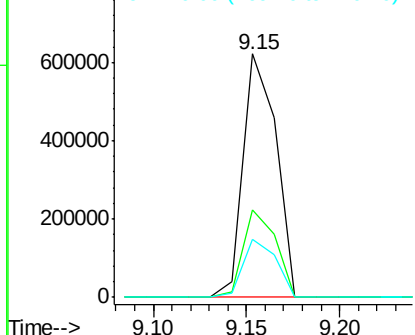
#44
2-Fluorobiphenyl
Concen: 69.87 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF088630.D
Acq: 2 Jul 2016 21:32

Instrument :
BNA_F
ClientSampleId :
R5-B3(0-12)C

Tgt Ion:172 Resp: 770165
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.8 19.2 28.8

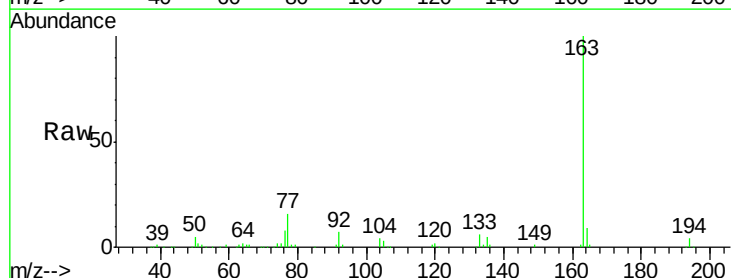


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

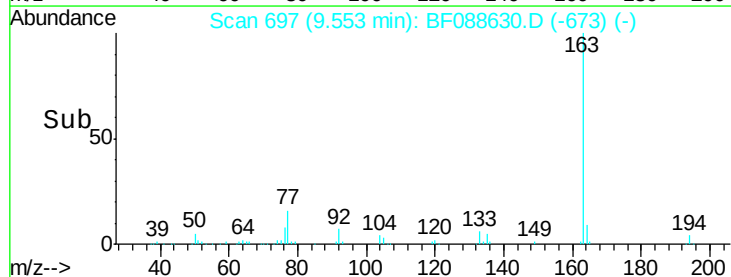
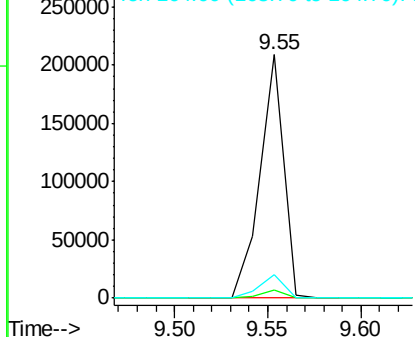


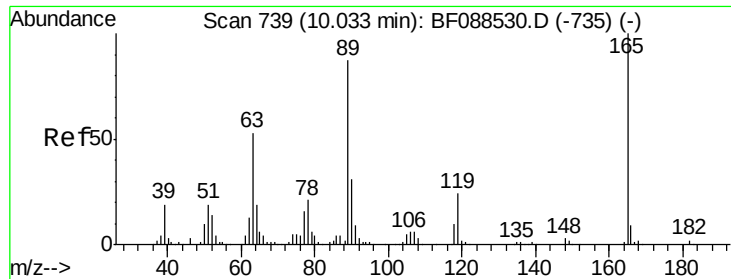
#49
Dimethylphthalate
Concen: 14.64 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF088630.D
Acq: 2 Jul 2016 21:32

Tgt Ion:163 Resp: 181605
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.4 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

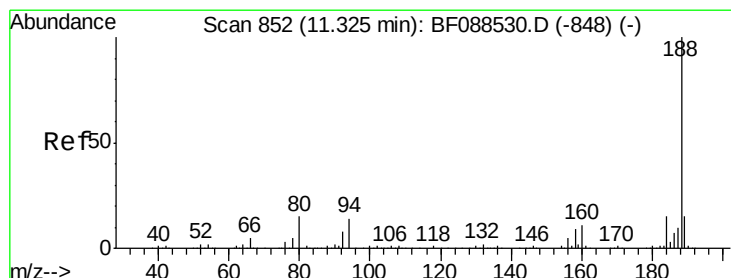
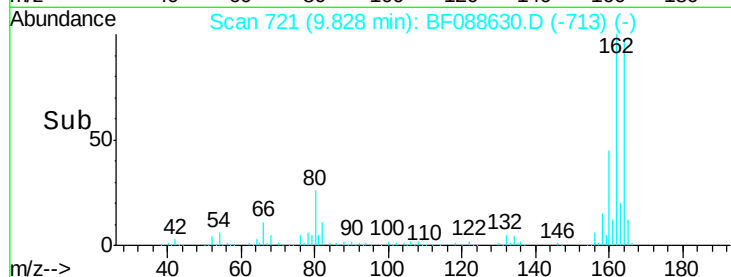
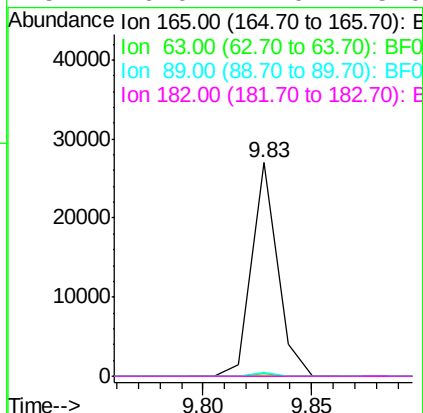
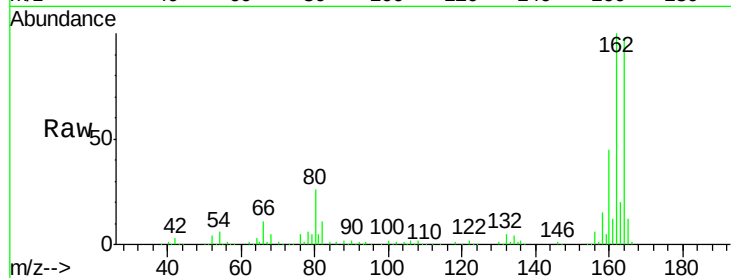




#56
 2,4-Dinitrotoluene
 Concen: 6.20 ng
 RT: 9.83 min Scan# 721
 Delta R.T. -0.21 min
 Lab File: BF088630.D
 Acq: 2 Jul 2016 21:32

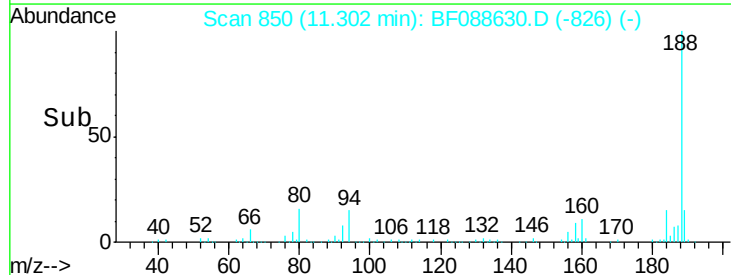
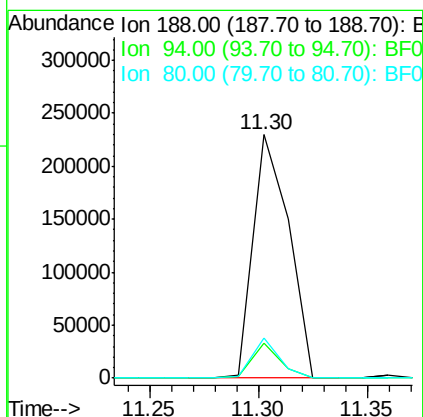
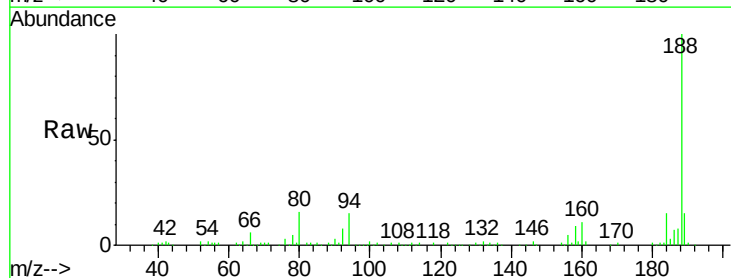
Instrument :
 BNA_F
 ClientSampleId :
 R5-B3(0-12)C

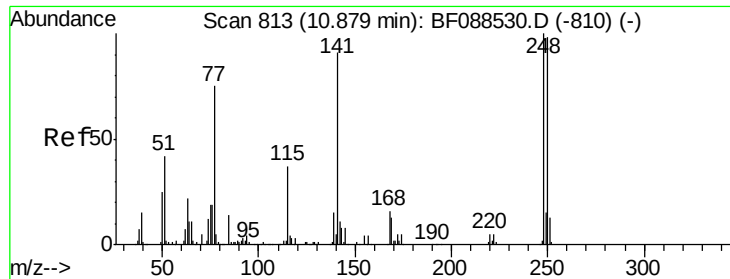
Tgt Ion:	165	Resp:	22303
Ion Ratio	Lower	Upper	
165	100		
63	1.3	22.0	33.0#
89	1.7	41.1	61.7#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 850
 Delta R.T. -0.02 min
 Lab File: BF088630.D
 Acq: 2 Jul 2016 21:32

Tgt Ion:	188	Resp:	263763
Ion Ratio	Lower	Upper	
188	100		
94	14.6	9.0	13.6#
80	16.4	10.0	15.0#

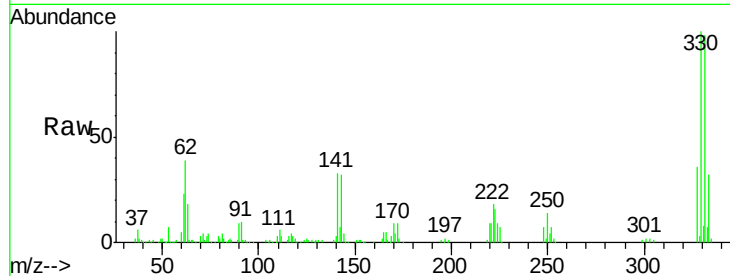




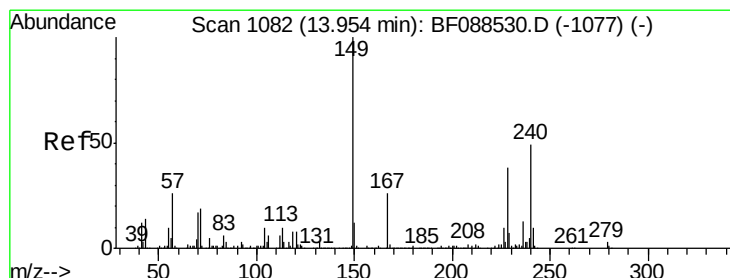
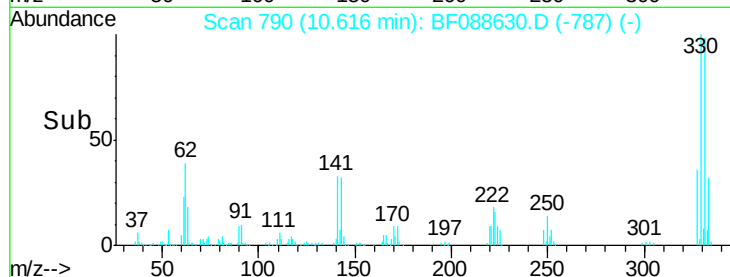
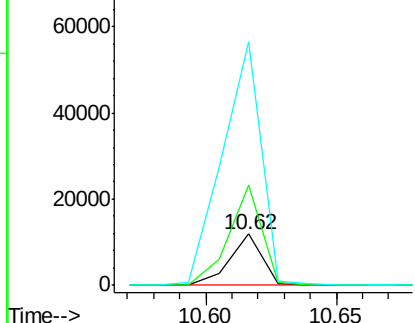
#66
 4-Bromophenyl-phenylether
 Concen: 3.91 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.26 min
 Lab File: BF088630.D
 Acq: 2 Jul 2016 21:32

Instrument :
 BNA_F
 ClientSampleId :
 R5-B3(0-12)C

Tgt Ion:248 Resp: 10391
 Ion Ratio Lower Upper
 248 100
 250 197.2 77.1 115.7#
 141 477.0 50.6 76.0#

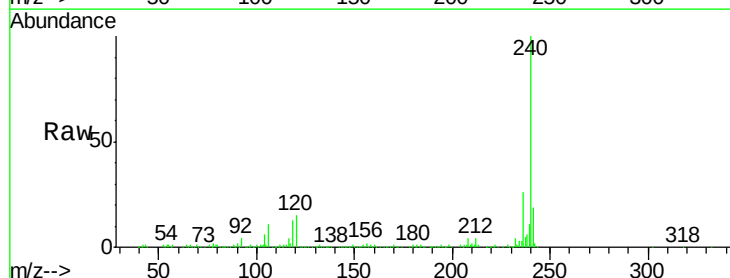


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

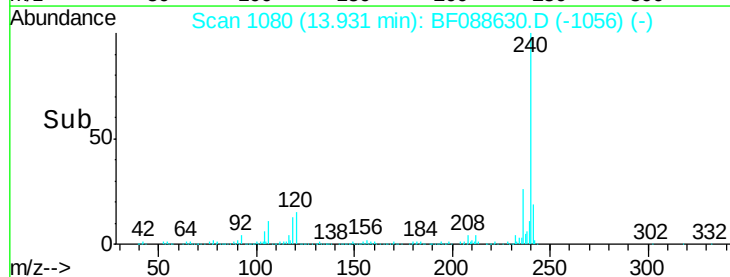
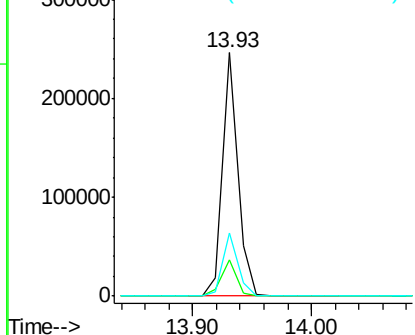


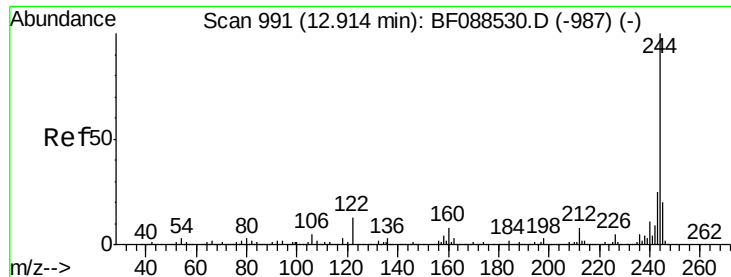
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.93 min Scan# 1080
 Delta R.T. -0.02 min
 Lab File: BF088630.D
 Acq: 2 Jul 2016 21:32

Tgt Ion:240 Resp: 219065
 Ion Ratio Lower Upper
 240 100
 120 14.9 6.8 10.2#
 236 26.1 20.2 30.2



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

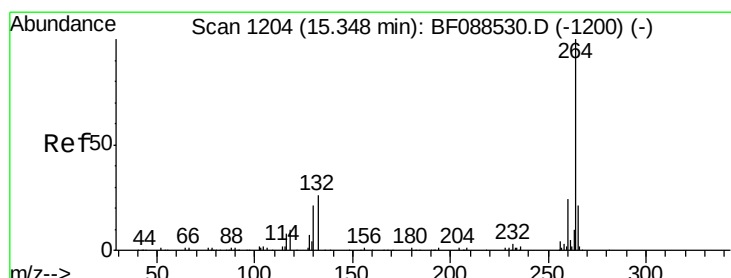
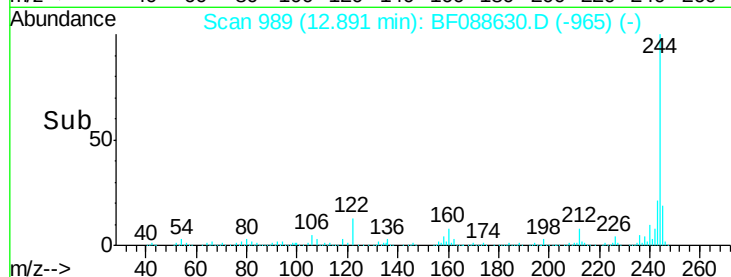
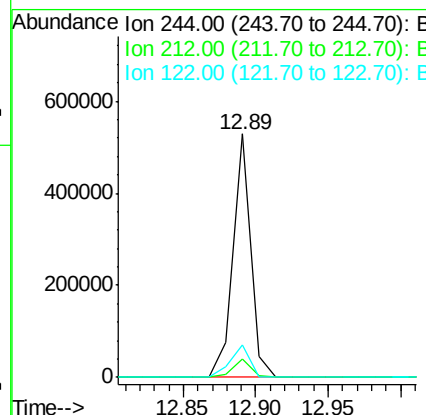
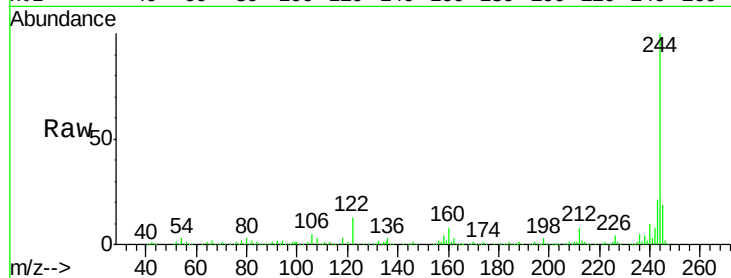




#78
 Terphenyl-d14
 Concen: 45.64 ng
 RT: 12.89 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BF088630.D
 Acq: 2 Jul 2016 21:32

Instrument :
 BNA_F
 ClientSampleId :
 R5-B3(0-12)C

Tgt Ion:244 Resp: 448859
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 13.3 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.34 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF088630.D
 Acq: 2 Jul 2016 21:32

Tgt Ion:264 Resp: 192610
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.5 16.9 25.3

