

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070816\
 Data File : BF088823.D
 Acq On : 8 Jul 2016 14:02
 Operator : UM/SJ
 Sample : PB91874TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91874TB

Quant Time: Jul 08 18:55:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

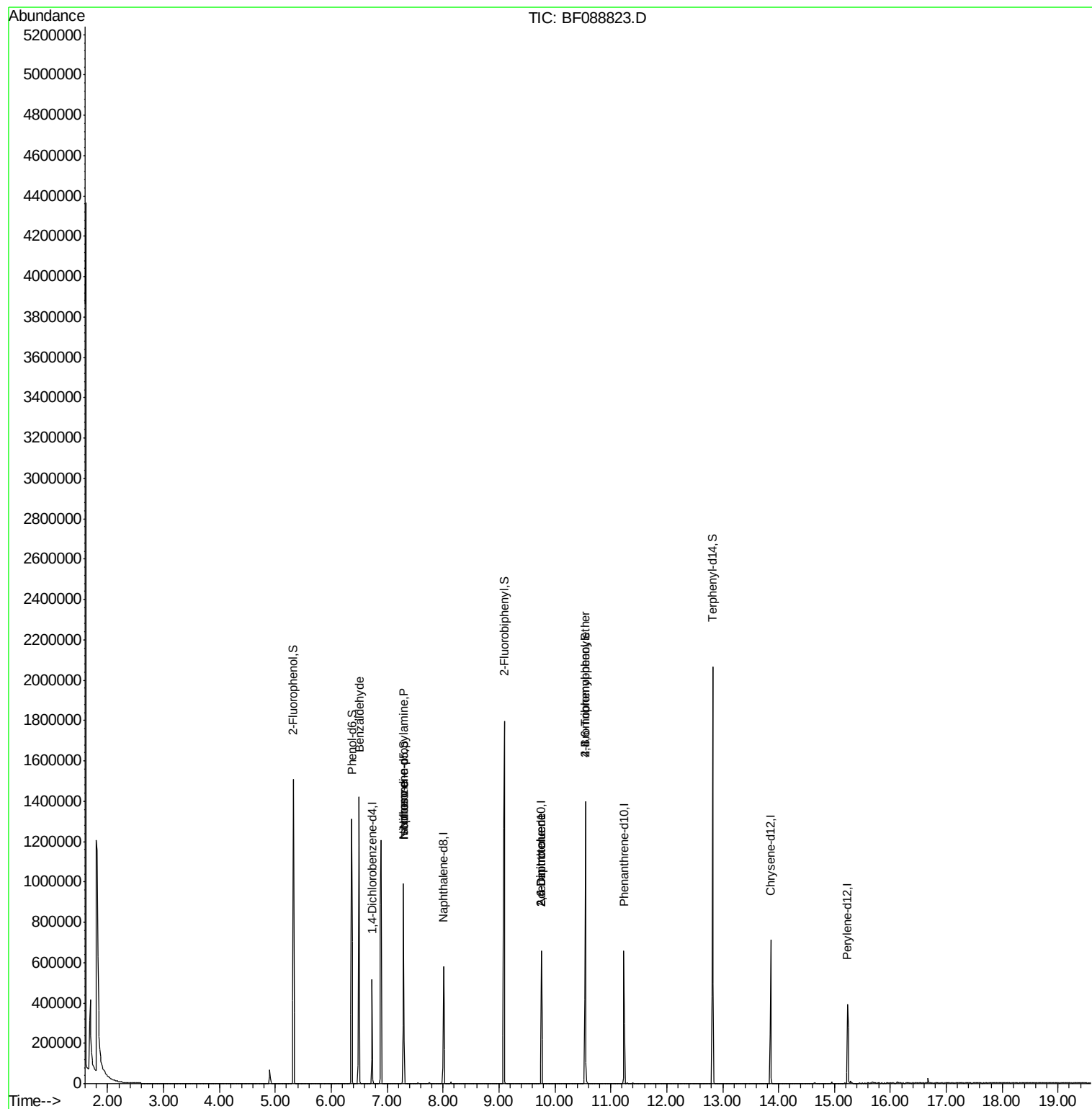
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	74697	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	283940	20.00	ng	-0.06
38) Acenaphthene-d10	9.76	164	139737	20.00	ng	-0.06
63) Phenanthrene-d10	11.23	188	266057	20.00	ng	-0.06
75) Chrysene-d12	13.86	240	243731	20.00	ng	-0.06
86) Perylene-d12	15.23	264	190317	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	457505	91.79	ng	-0.05
7) Phenol-d6	6.36	99	628298	97.56	ng	-0.05
23) Nitrobenzene-d5	7.29	82	365907	67.53	ng	-0.06
41) 2,4,6-Tribromophenol	10.55	330	151196	116.52	ng	-0.06
44) 2-Fluorobiphenyl	9.10	172	774502	87.55	ng	-0.05
78) Terphenyl-d14	12.82	244	653740	59.74	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.50	77	12484	2.86	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.29	70	48874	11.30	ng	# 73
25) Isophorone	7.29	82	293135	29.21	ng	# 65
50) 2,6-Dinitrotoluene	9.76	165	17873	8.10	ng	# 37
56) 2,4-Dinitrotoluene	9.76	165	17869	6.19	ng	# 36
66) 4-Bromophenyl-phenylether	10.55	248	10857	4.05	ng	# 1

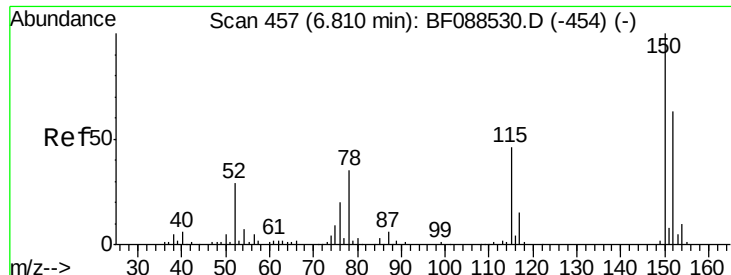
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 05 17:15:08 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF088823.D

Acq: 8 Jul 2016 14:02

Instrument :

BNA_F

ClientSampleId :

PB91874TB

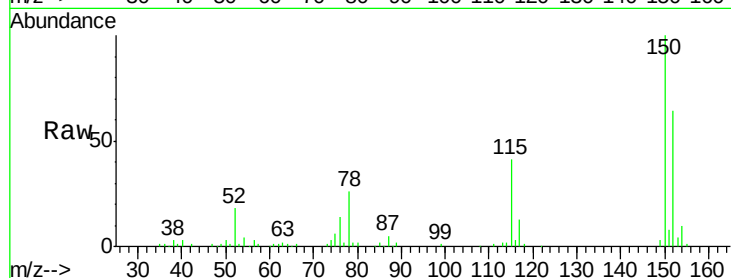
Tgt Ion:152 Resp: 74697

Ion Ratio Lower Upper

152 100

150 155.5 123.8 185.6

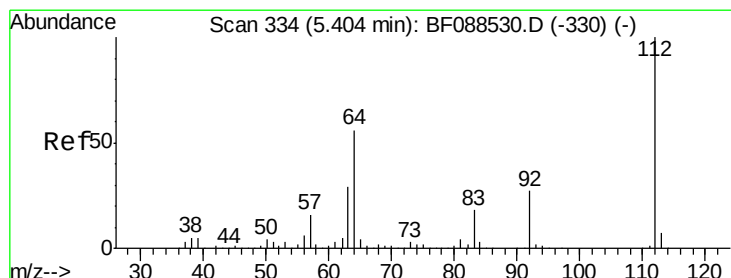
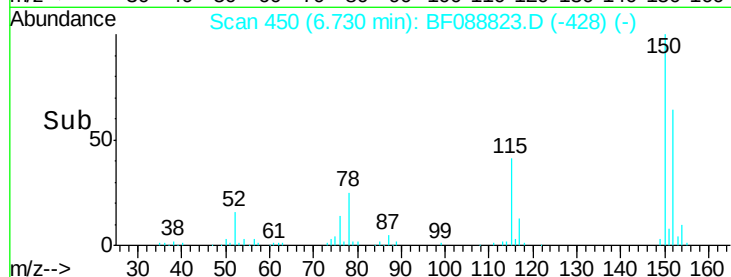
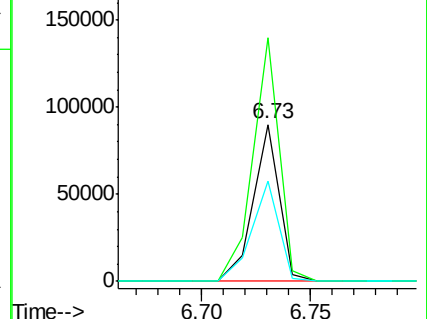
115 64.0 39.6 59.4#



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: 91.79 ng

RT: 5.32 min Scan# 327

Delta R.T. -0.05 min

Lab File: BF088823.D

Acq: 8 Jul 2016 14:02

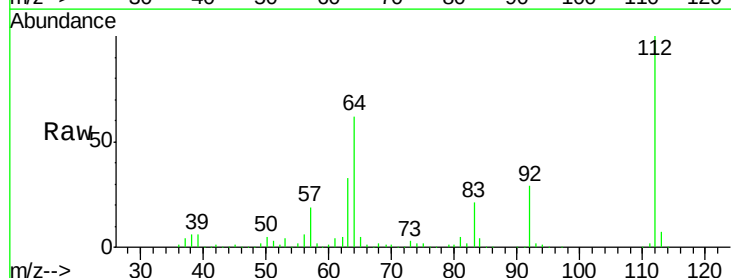
Tgt Ion:112 Resp: 457505

Ion Ratio Lower Upper

112 100

64 61.6 42.2 63.2

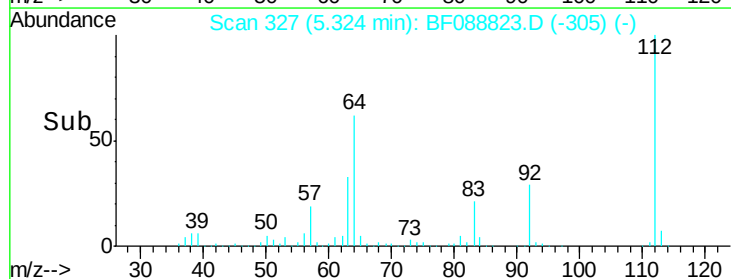
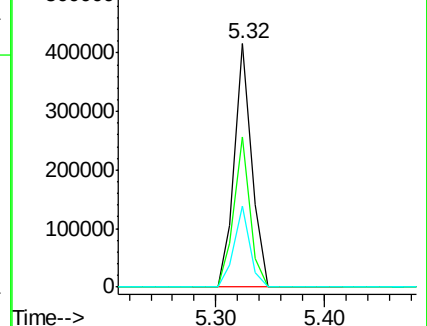
63 33.1 21.8 32.8#

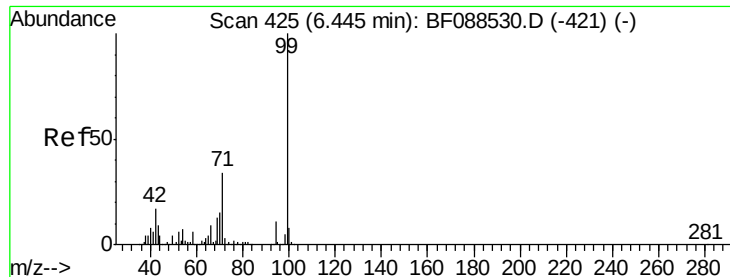


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 97.56 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.05 min

Lab File: BF088823.D

Acq: 8 Jul 2016 14:02

Instrument :

BNA_F

ClientSampleId :

PB91874TB

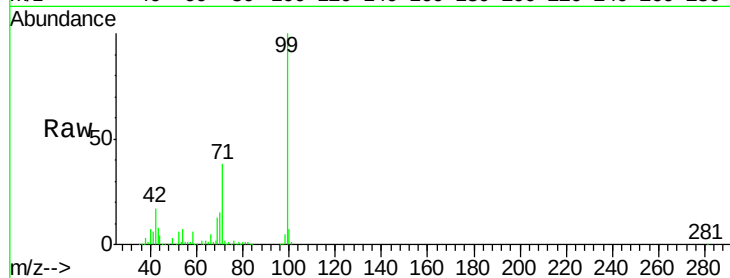
Tgt Ion: 99 Resp: 628298

Ion Ratio Lower Upper

99 100

42 17.4 12.2 18.2

71 37.7 23.4 35.0#

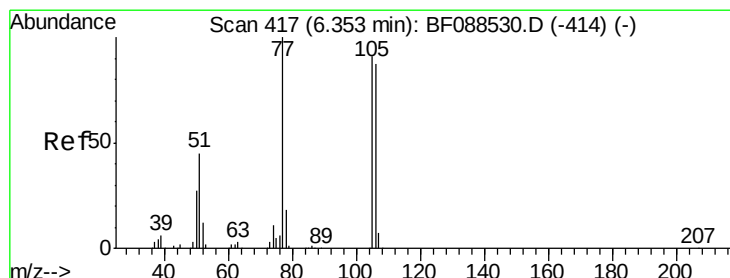
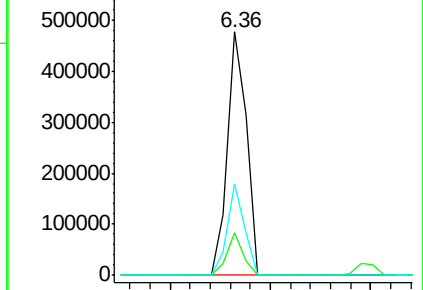
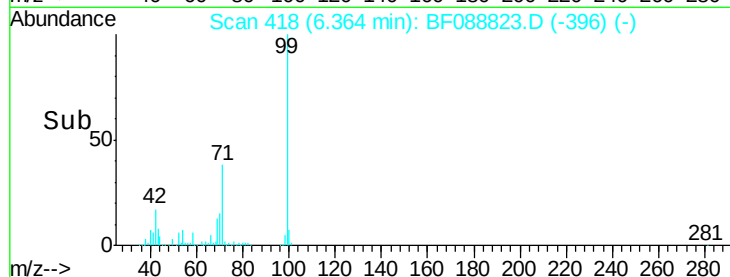


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

6.36



#9

Benzaldehyde

Concen: 2.86 ng

RT: 6.50 min Scan# 430

Delta R.T. 0.18 min

Lab File: BF088823.D

Acq: 8 Jul 2016 14:02

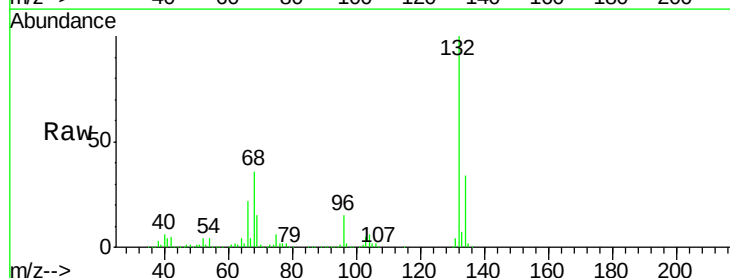
Tgt Ion: 77 Resp: 12484

Ion Ratio Lower Upper

77 100

105 94.4 90.6 130.6

106 87.4 85.3 125.3

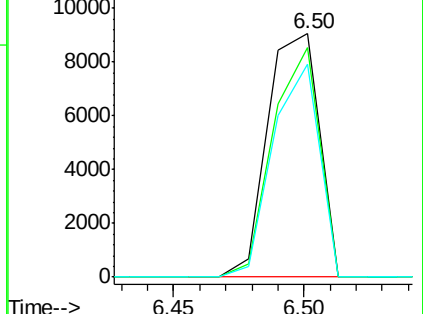
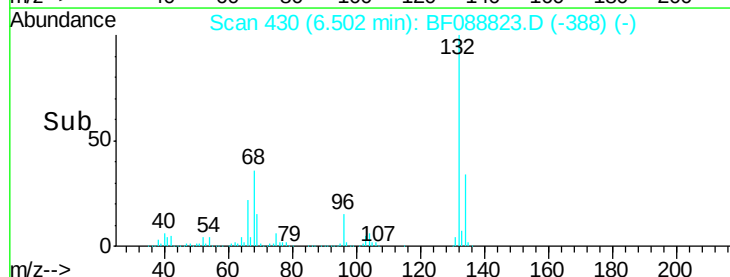


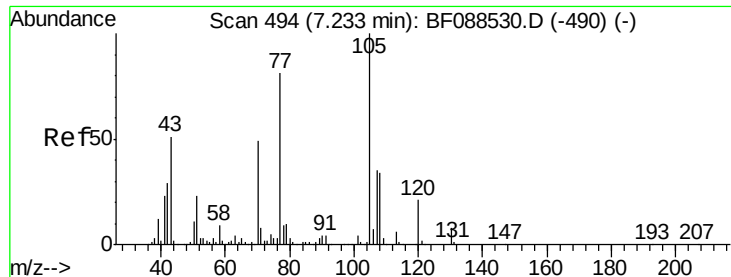
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

6.50





#19

n-Nitroso-di-n-propylamine

Concen: 11.30 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.09 min

Lab File: BF088823.D

Acq: 8 Jul 2016 14:02

Instrument :

BNA_F

ClientSampleId :

PB91874TB

Tgt Ion: 70 Resp: 48874

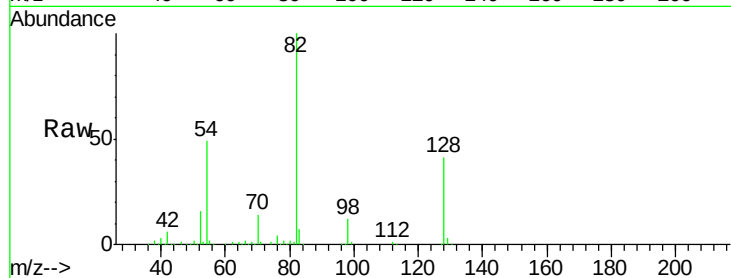
Ion Ratio Lower Upper

70 100

42 43.5 49.6 74.4#

101 0.0 7.1 10.7#

130 2.0 15.4 23.2#

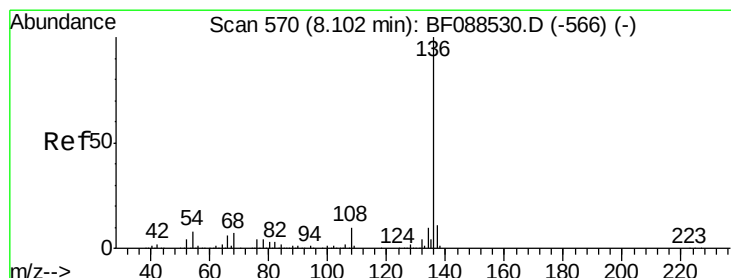
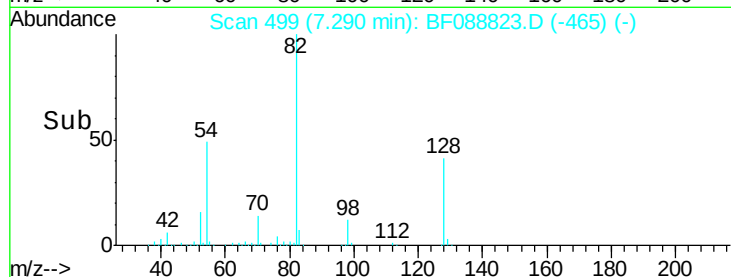
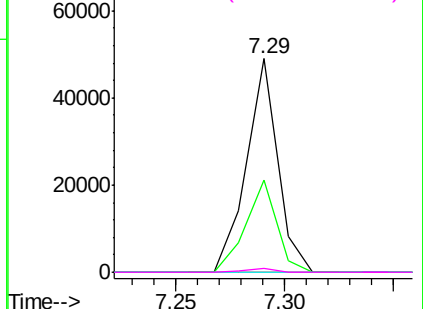


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.06 min

Lab File: BF088823.D

Acq: 8 Jul 2016 14:02

Tgt Ion: 136 Resp: 283940

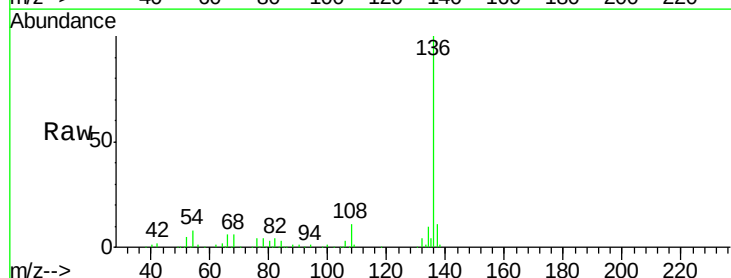
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 8.0 6.6 10.0

68 6.4 5.1 7.7

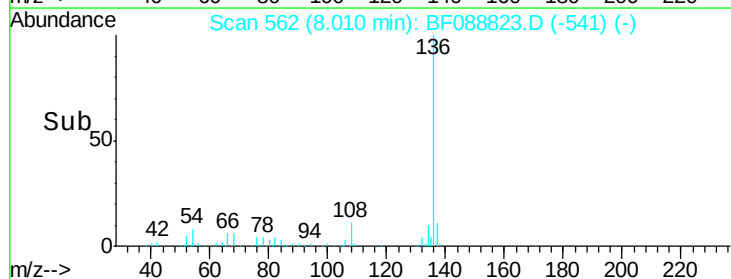
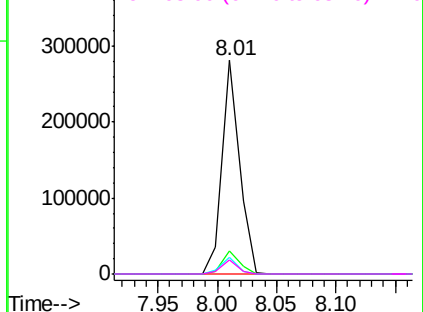


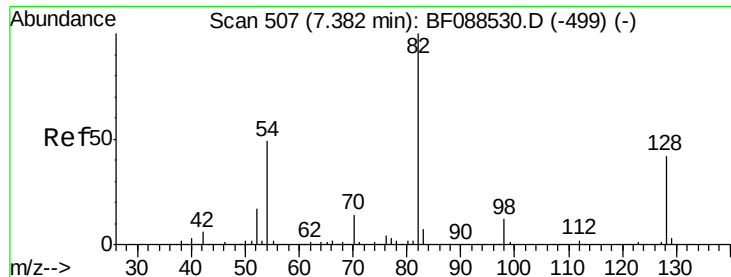
Abundance Ion 136.00 (135.70 to 136.70): E

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

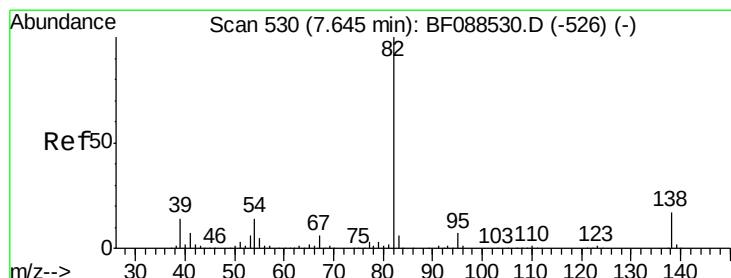
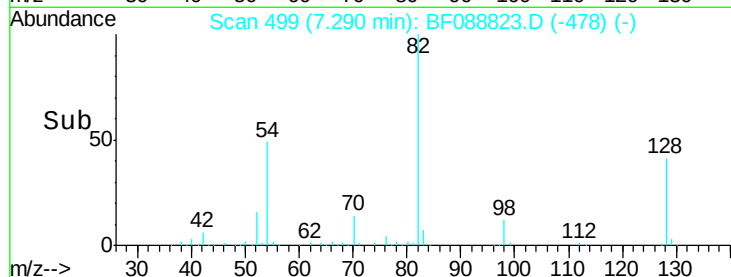
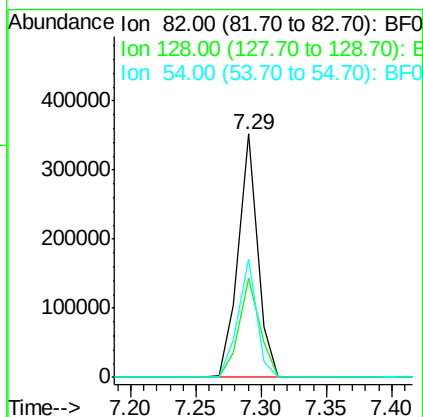
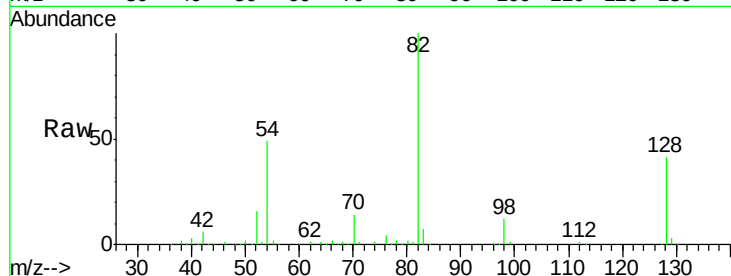




#23
 Nitrobenzene-d5
 Concen: 67.53 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.06 min
 Lab File: BF088823.D
 Acq: 8 Jul 2016 14:02

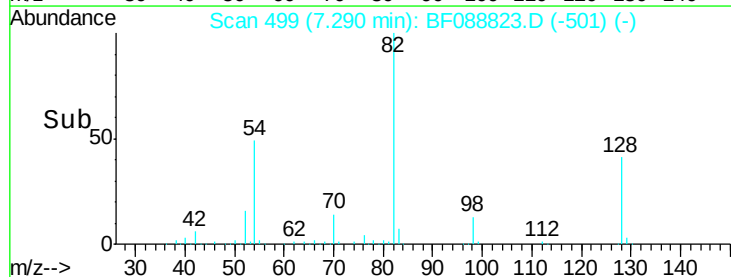
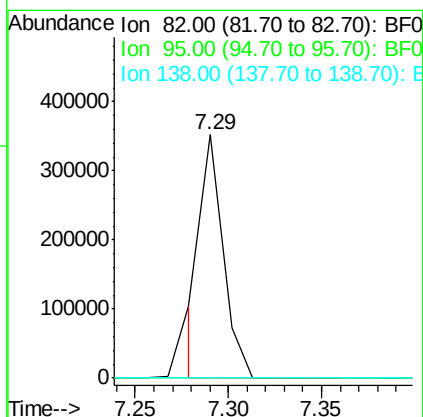
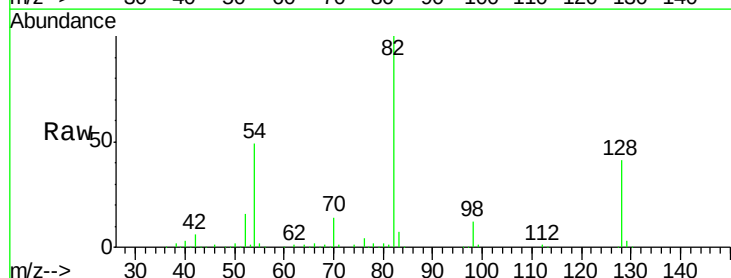
Instrument :
 BNA_F
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 PB91874TB

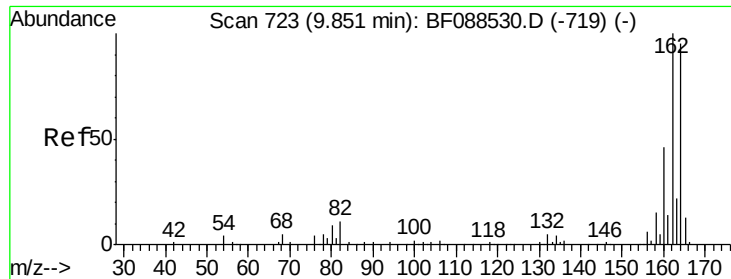
Tgt Ion: 82 Resp: 365907
 Ion Ratio Lower Upper
 82 100
 128 40.5 35.9 53.9
 54 48.6 40.9 61.3



#25
 Isophorone
 Concen: 29.21 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.32 min
 Lab File: BF088823.D
 Acq: 8 Jul 2016 14:02

Tgt Ion: 82 Resp: 293135
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 14.6 21.8#

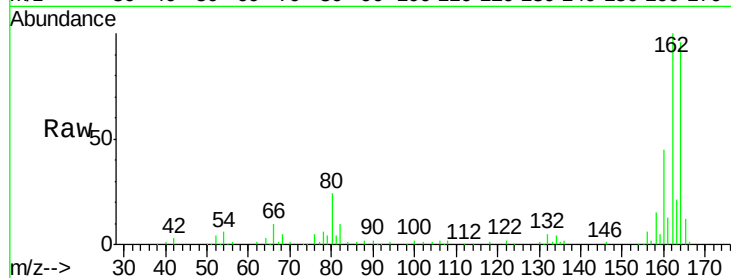




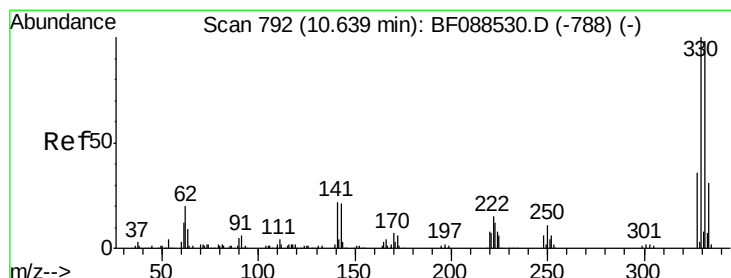
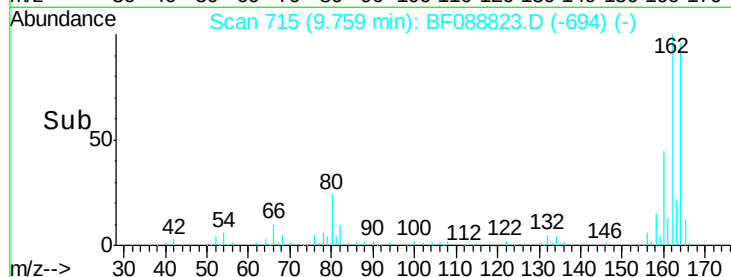
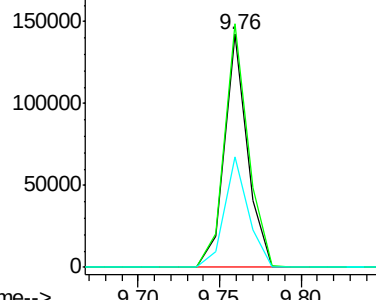
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.06 min
 Lab File: BF088823.D
 Acq: 8 Jul 2016 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB91874TB

Tgt Ion:164 Resp: 139737
 Ion Ratio Lower Upper
 164 100
 162 104.5 85.4 128.2
 160 47.5 39.5 59.3

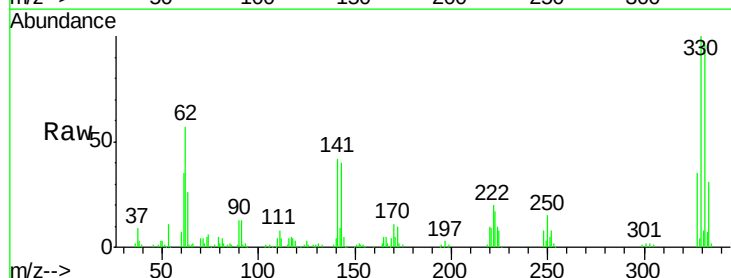


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

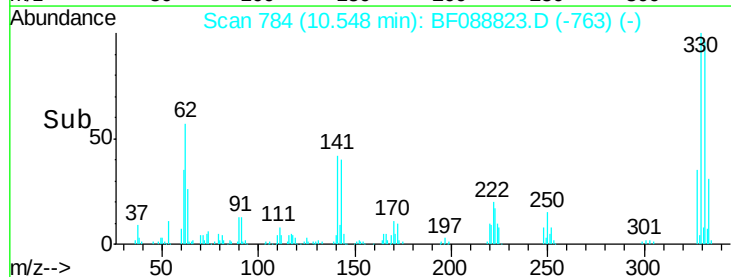
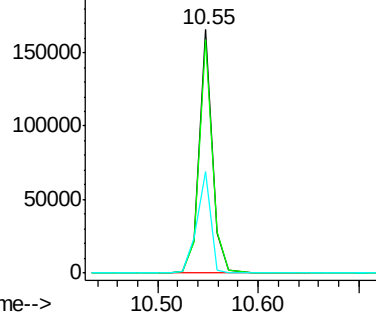


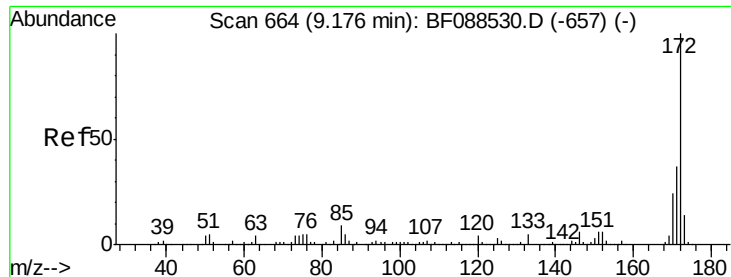
#41
 2,4,6-Tribromophenol
 Concen: 116.52 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.06 min
 Lab File: BF088823.D
 Acq: 8 Jul 2016 14:02

Tgt Ion:330 Resp: 151196
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 43.9 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

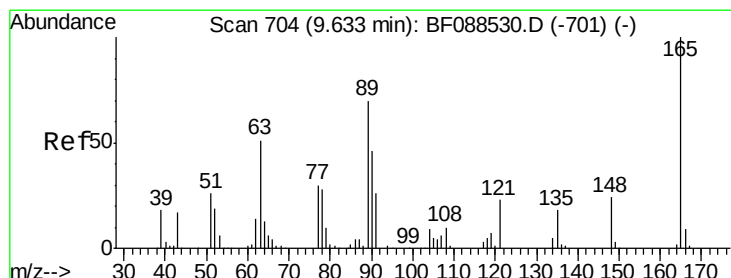
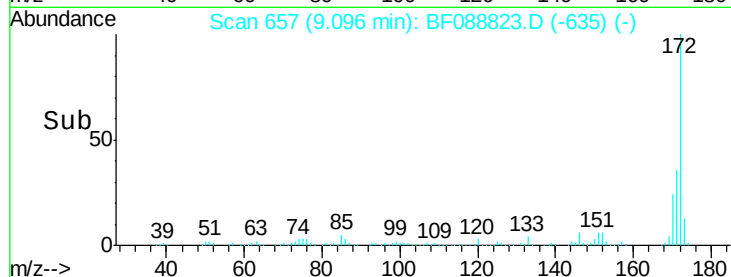
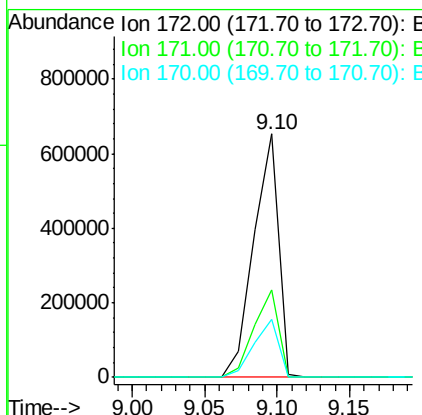
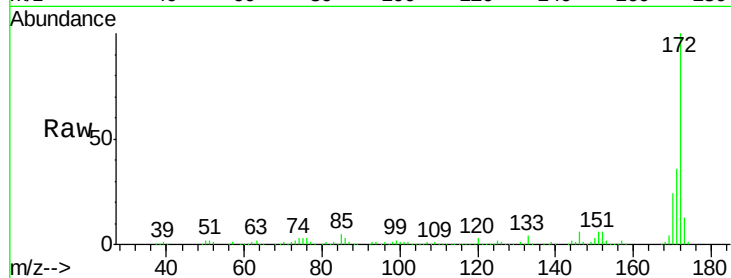




#44
2-Fluorobiphenyl
Concen: 87.55 ng
RT: 9.10 min Scan# 657
Delta R.T. -0.05 min
Lab File: BF088823.D
Acq: 8 Jul 2016 14:02

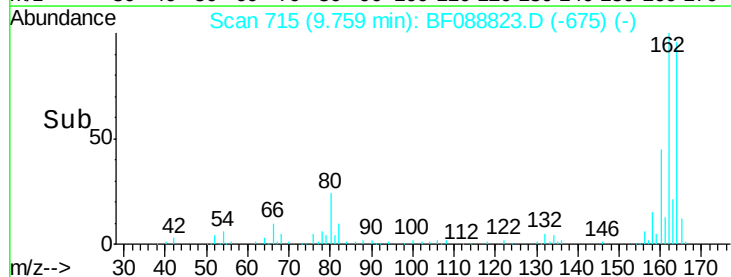
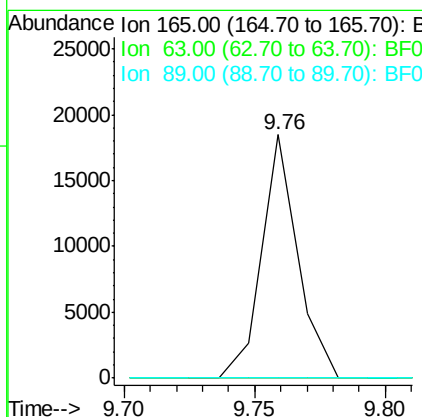
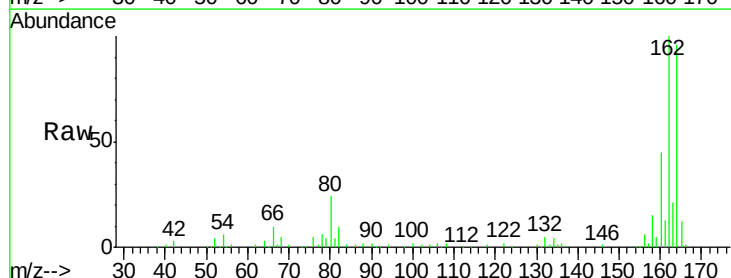
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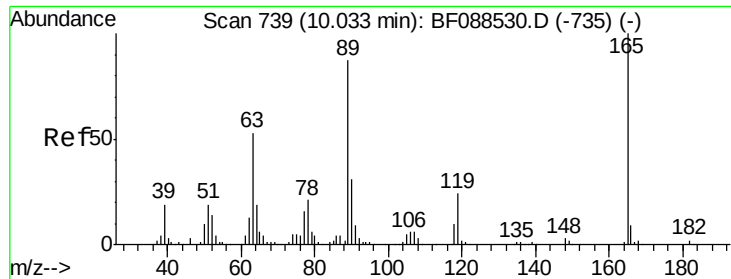
Tgt Ion:172 Resp: 774502
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 23.9 19.2 28.8



#50
2,6-Dinitrotoluene
Concen: 8.10 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.16 min
Lab File: BF088823.D
Acq: 8 Jul 2016 14:02

Tgt Ion:165 Resp: 17873
Ion Ratio Lower Upper
165 100
63 0.0 28.1 42.1#
89 0.0 32.2 48.2#

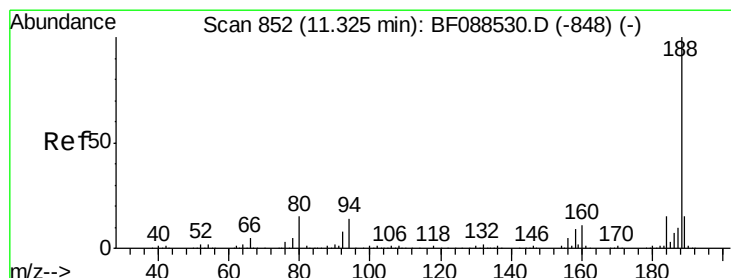
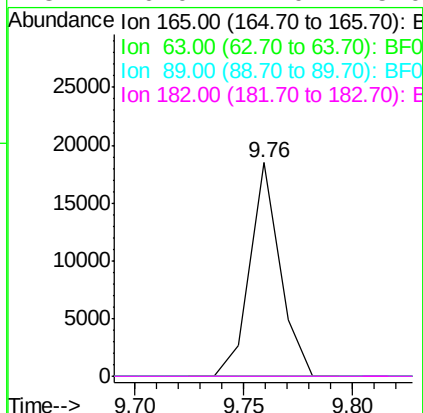
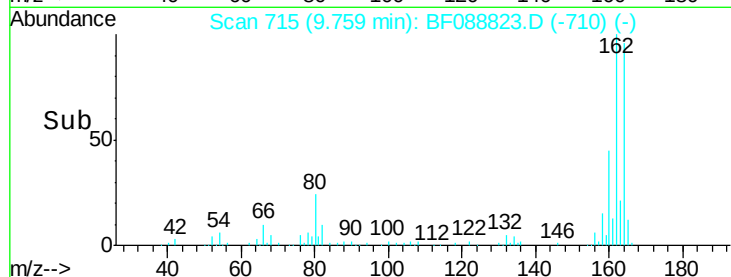
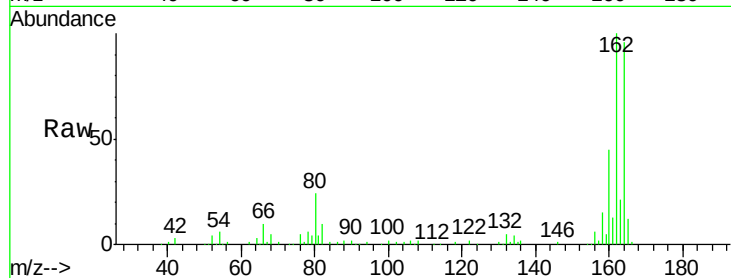




#56
 2,4-Dinitrotoluene
 Concen: 6.19 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.24 min
 Lab File: BF088823.D
 Acq: 8 Jul 2016 14:02

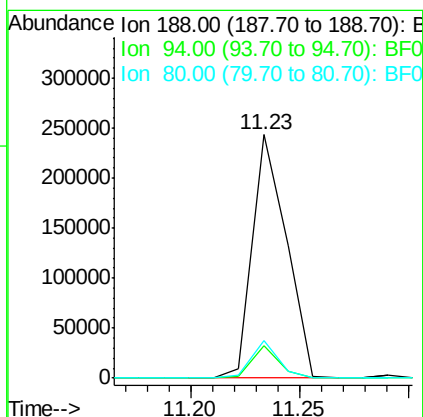
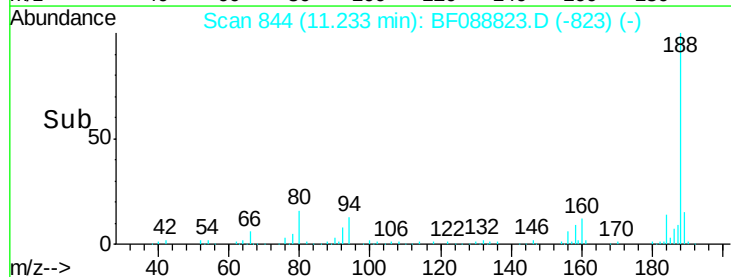
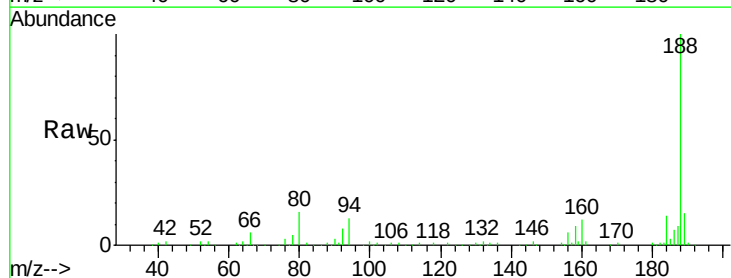
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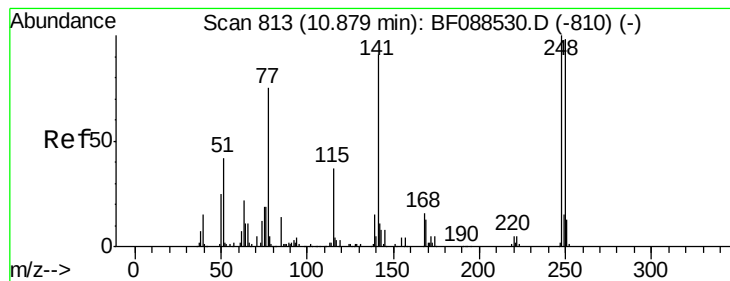
Tgt Ion:	165	Resp:	17869
Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.06 min
 Lab File: BF088823.D
 Acq: 8 Jul 2016 14:02

Tgt Ion:	188	Resp:	266057
Ion	Ratio	Lower	Upper
188	100		
94	13.4	9.0	13.6
80	15.6	10.0	15.0#





#66

4-Bromophenyl-phenylether

Concen: 4.05 ng

RT: 10.55 min Scan# 784

Delta R.T. -0.30 min

Lab File: BF088823.D

Acq: 8 Jul 2016 14:02

Instrument :

BNA_F

ClientSampleId :

PB91874TB

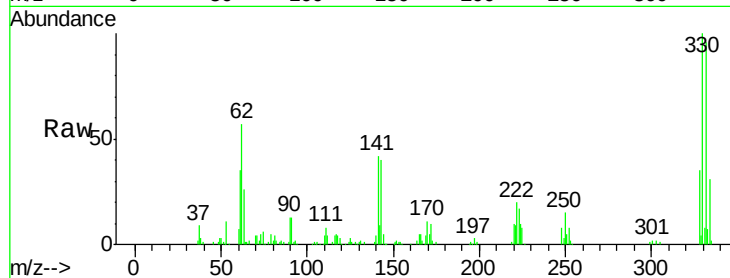
Tgt Ion:248 Resp: 10857

Ion Ratio Lower Upper

248 100

250 197.0 77.1 115.7#

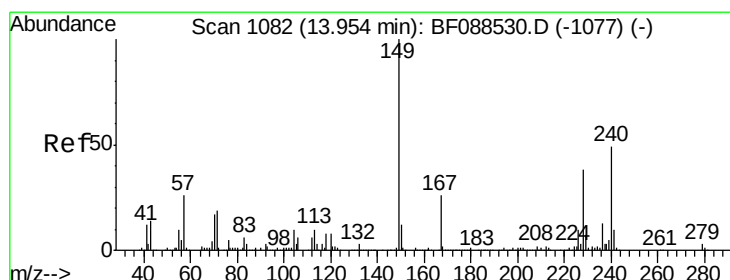
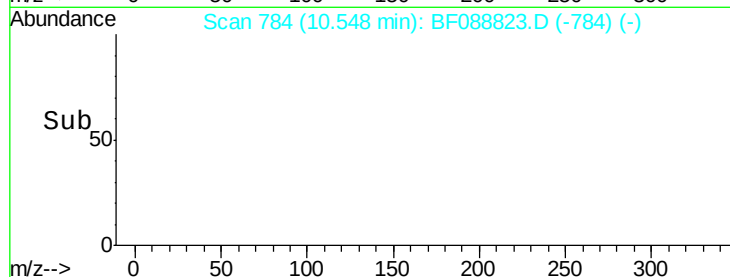
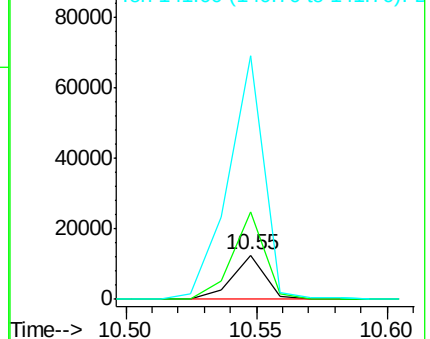
141 551.8 50.6 76.0#



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: 13.86 min Scan# 1074

Delta R.T. -0.06 min

Lab File: BF088823.D

Acq: 8 Jul 2016 14:02

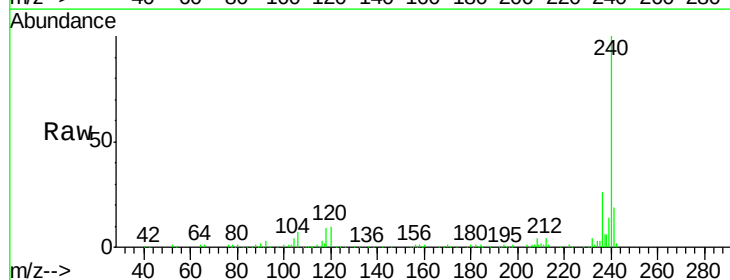
Tgt Ion:240 Resp: 243731

Ion Ratio Lower Upper

240 100

120 10.2 6.8 10.2

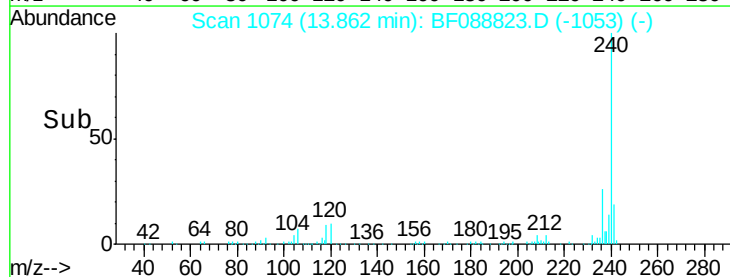
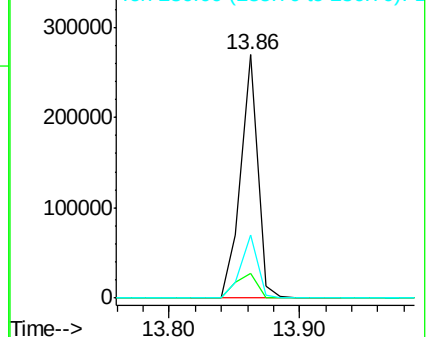
236 25.7 20.2 30.2

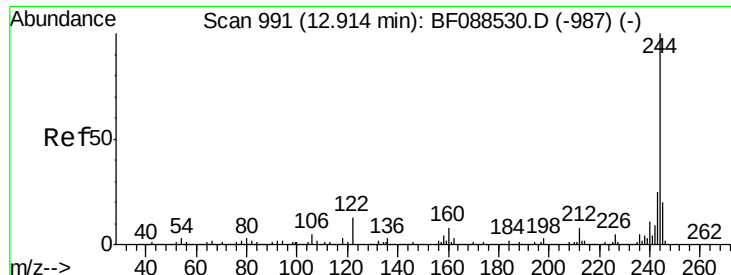


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

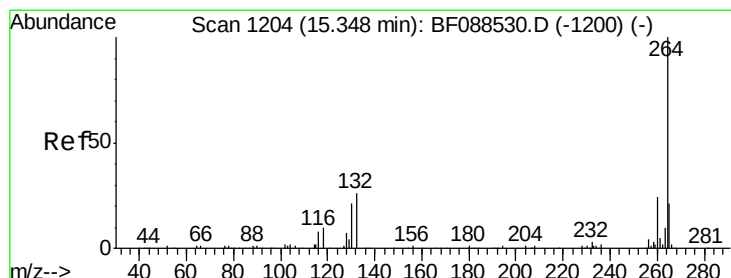
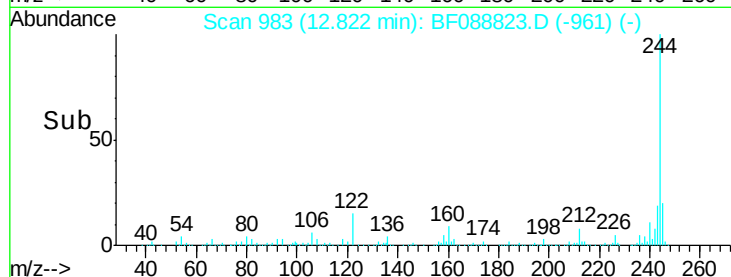
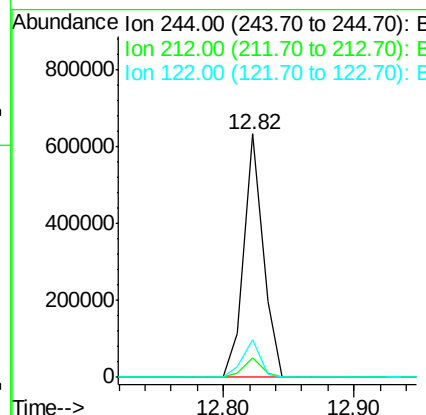
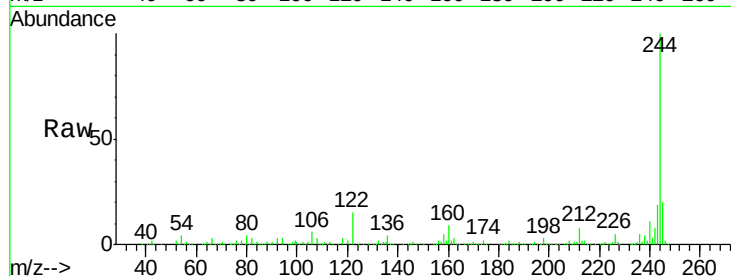




#78
 Terphenyl-d14
 Concen: 59.74 ng
 RT: 12.82 min Scan# 983
 Delta R.T. -0.05 min
 Lab File: BF088823.D
 Acq: 8 Jul 2016 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB91874TB

Tgt Ion:244 Resp: 653740
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 15.4 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1194
 Delta R.T. -0.07 min
 Lab File: BF088823.D
 Acq: 8 Jul 2016 14:02

Tgt Ion:264 Resp: 190317
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.6 16.9 25.3

