

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051716\
 Data File : BF087115.D
 Acq On : 17 May 2016 21:29
 Operator : UM/SJ
 Sample : PB90651BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90651BL

Quant Time: May 18 01:50:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

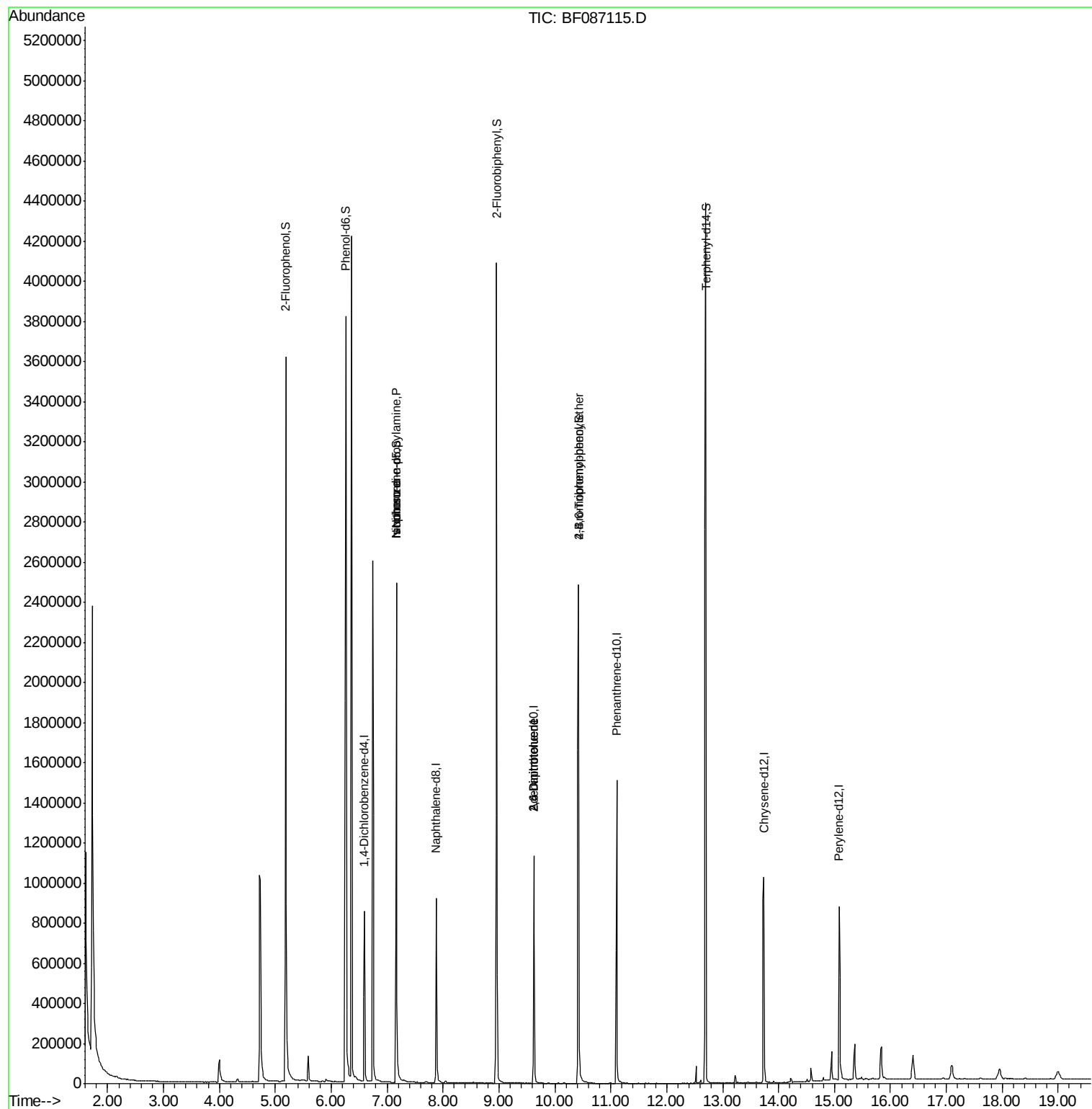
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	142434	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	588526	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	281034	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	626046	20.00	ng	-0.01
75) Chrysene-d12	13.74	240	514531	20.00	ng	-0.02
86) Perylene-d12	15.09	264	407451	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	935496	110.40	ng	-0.01
7) Phenol-d6	6.26	99	1357512	119.44	ng	-0.02
23) Nitrobenzene-d5	7.16	82	832349	70.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.42	330	403463	129.92	ng	-0.02
44) 2-Fluorobiphenyl	8.96	172	1338278	78.87	ng	-0.02
78) Terphenyl-d14	12.70	244	1647372	72.43	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	116400	13.47	ng	# 73
25) Isophorone	7.16	82	674118	31.18	ng	# 68
50) 2,6-Dinitrotoluene	9.62	165	35876	7.71	ng	# 20
56) 2,4-Dinitrotoluene	9.62	165	35876	6.02	ng	# 16
66) 4-Bromophenyl-phenylether	10.42	248	23927	3.72	ng	# 1

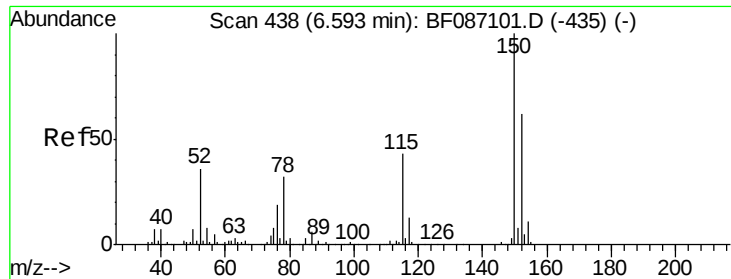
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF087115.D

Acq: 17 May 2016 21:29

Instrument :

BNA_F

ClientSampleId :

PB90651BL

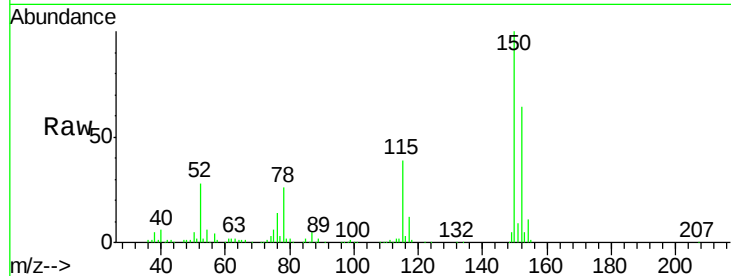
Tgt Ion:152 Resp: 142434

Ion Ratio Lower Upper

152 100

150 155.5 125.8 188.6

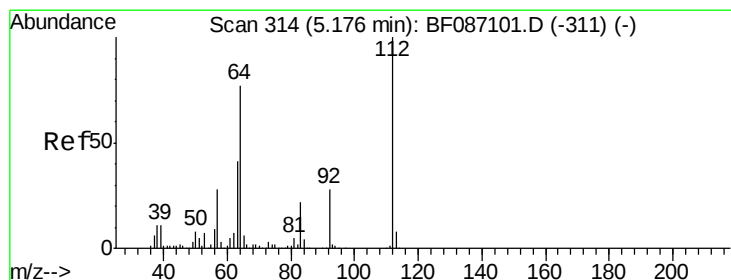
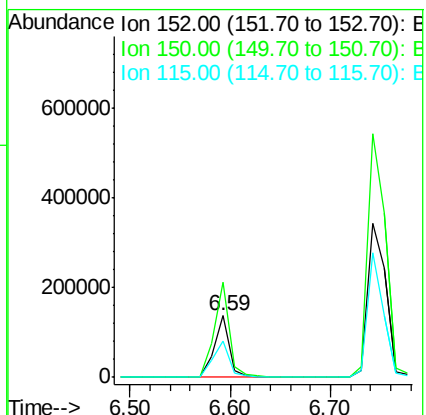
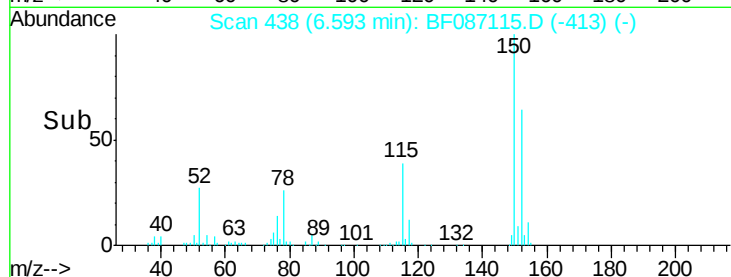
115 60.1 51.5 77.3



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: 110.40 ng

RT: 5.19 min Scan# 315

Delta R.T. -0.01 min

Lab File: BF087115.D

Acq: 17 May 2016 21:29

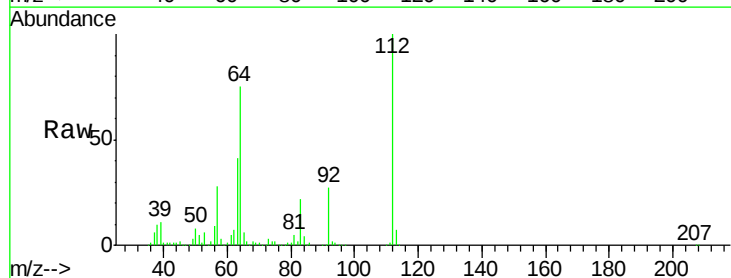
Tgt Ion:112 Resp: 935496

Ion Ratio Lower Upper

112 100

64 75.0 52.1 78.1

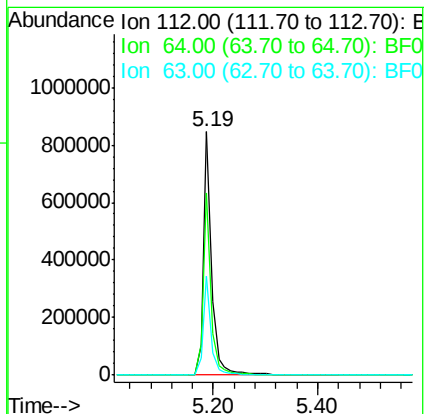
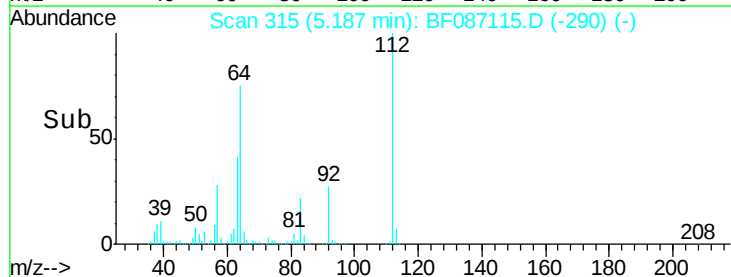
63 40.7 25.7 38.5#

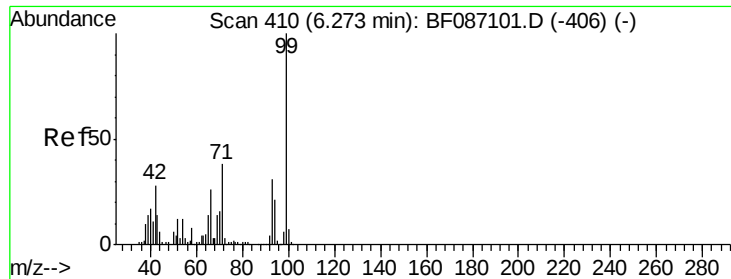


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.44 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF087115.D

Acq: 17 May 2016 21:29

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PB90651BL

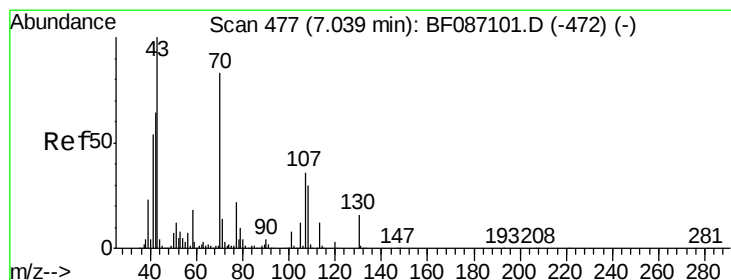
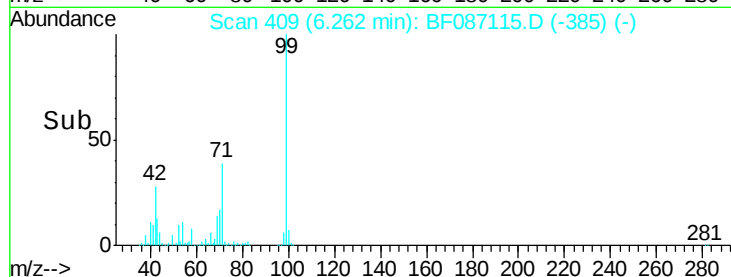
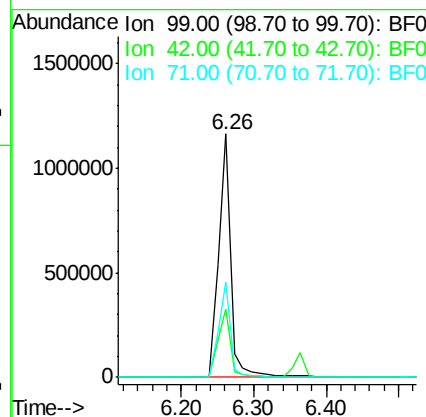
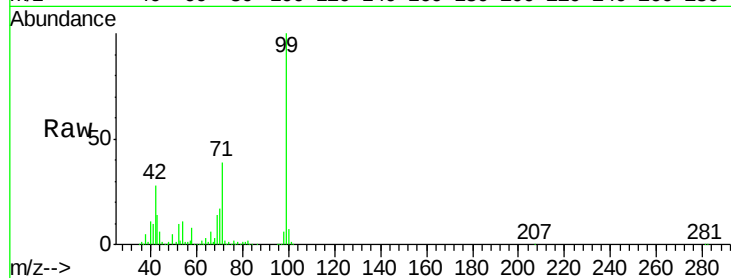
Tgt Ion: 99 Resp: 1357512

Ion Ratio Lower Upper

99 100

42 28.1 13.6 20.4#

71 38.9 24.6 36.8#



#19

n-Nitroso-di-n-propylamine

Concen: 13.47 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.11 min

Lab File: BF087115.D

Acq: 17 May 2016 21:29

Tgt Ion: 70 Resp: 116400

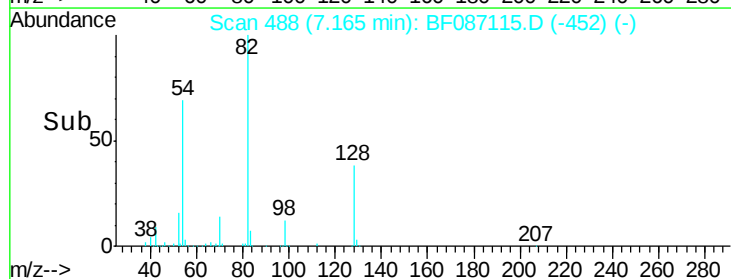
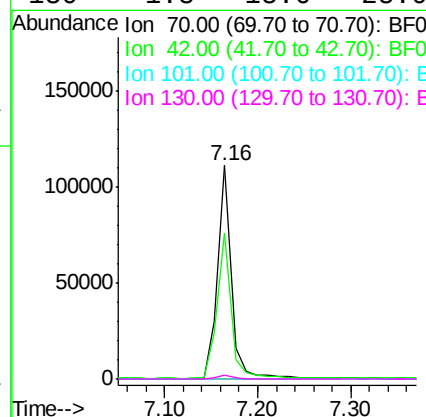
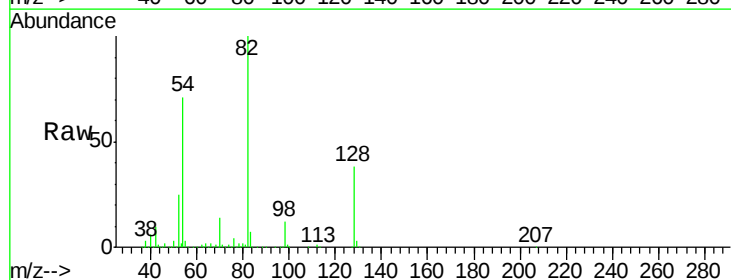
Ion Ratio Lower Upper

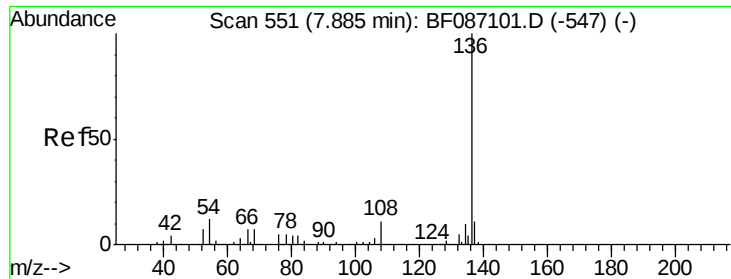
70 100

42 68.4 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF087115.D

Acq: 17 May 2016 21:29

Instrument :

BNA_F

ClientSampleId :

PB90651BL

Tgt Ion:136 Resp: 588526

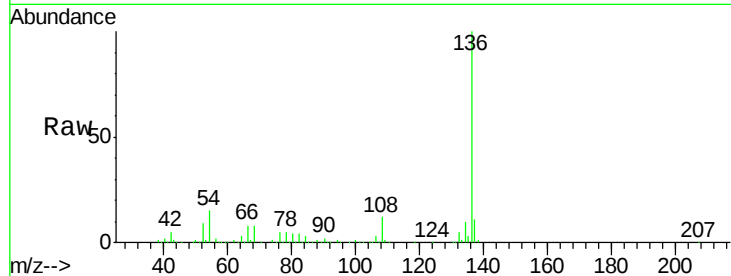
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 15.0 5.0 7.4#

68 8.0 4.4 6.6#

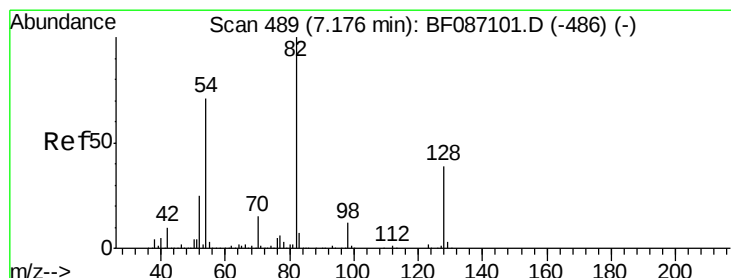
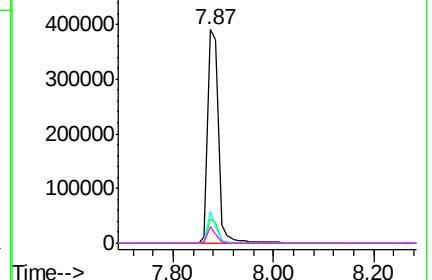
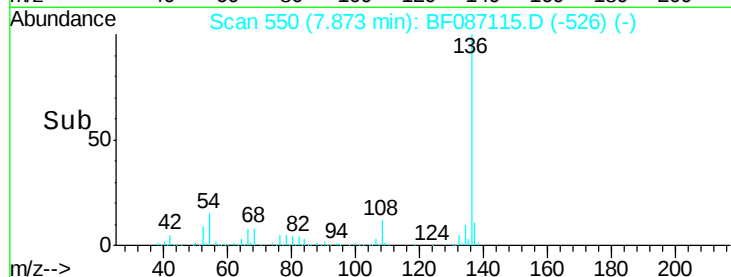


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.49 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.02 min

Lab File: BF087115.D

Acq: 17 May 2016 21:29

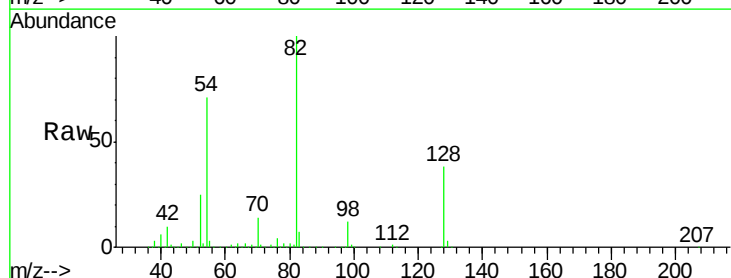
Tgt Ion: 82 Resp: 832349

Ion Ratio Lower Upper

82 100

128 38.3 40.6 61.0#

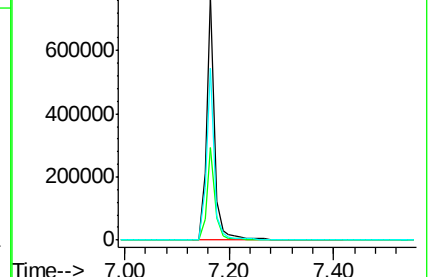
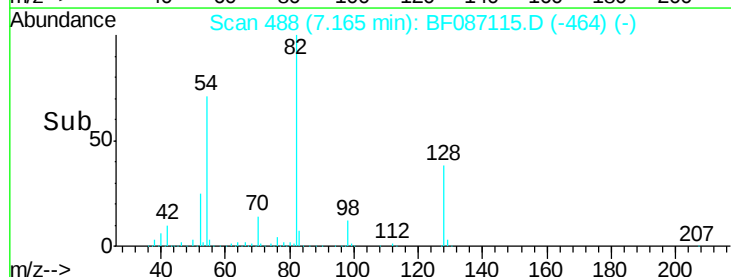
54 70.7 38.1 57.1#

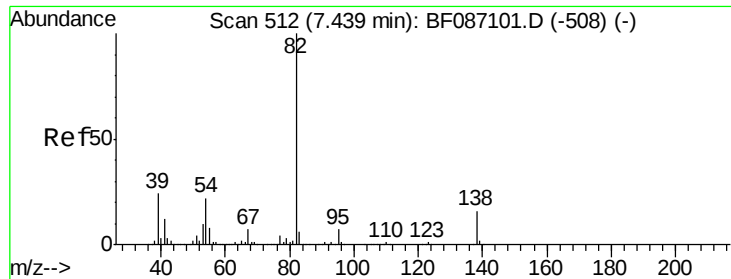


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 31.18 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.29 min

Lab File: BF087115.D

Acq: 17 May 2016 21:29

Instrument :

BNA_F

ClientSampled :

PB90651BL

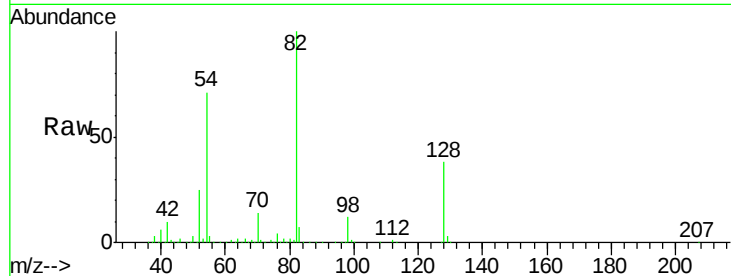
Tgt Ion: 82 Resp: 674118

Ion Ratio Lower Upper

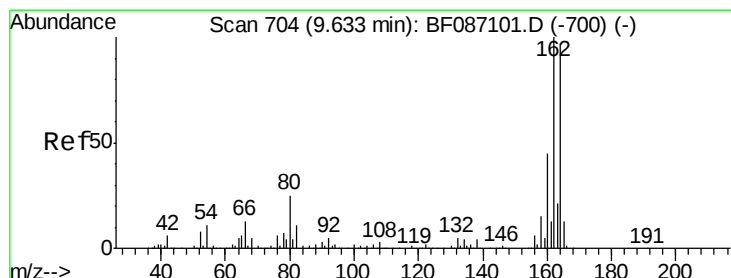
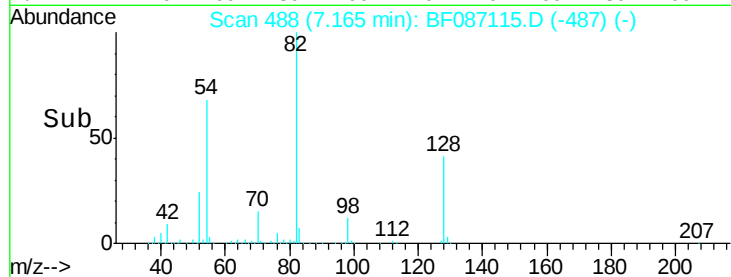
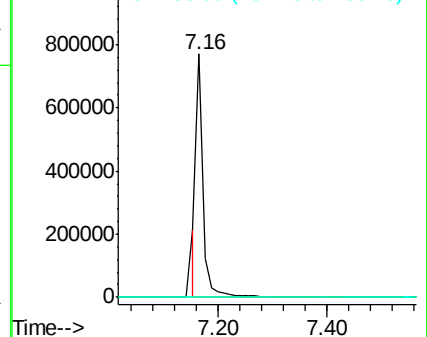
82 100

95 0.0 5.1 7.7#

138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.02 min

Lab File: BF087115.D

Acq: 17 May 2016 21:29

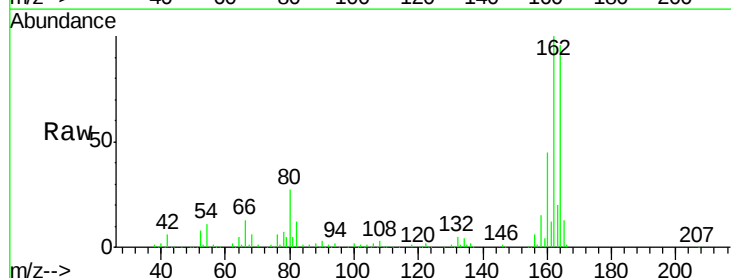
Tgt Ion: 164 Resp: 281034

Ion Ratio Lower Upper

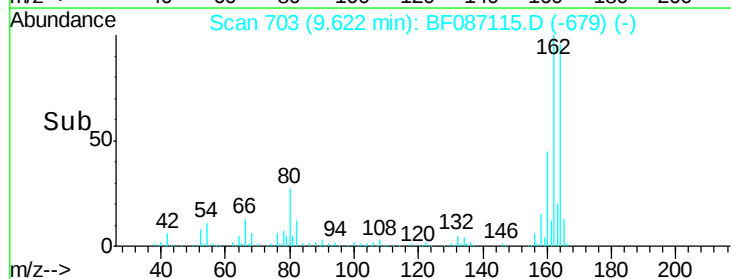
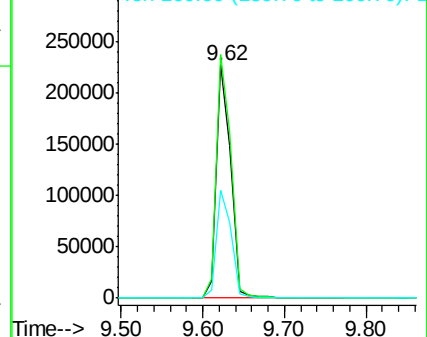
164 100

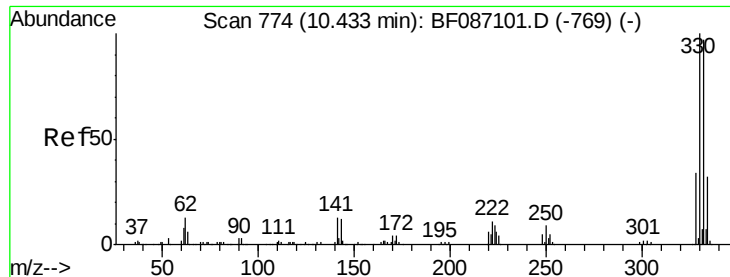
162 104.6 82.8 124.2

160 46.6 36.9 55.3



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

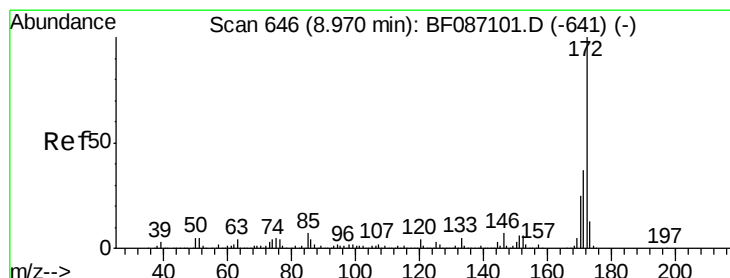
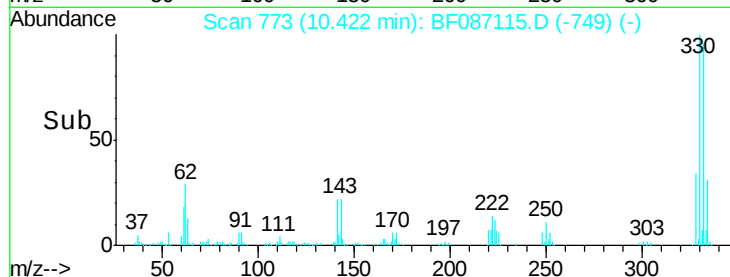
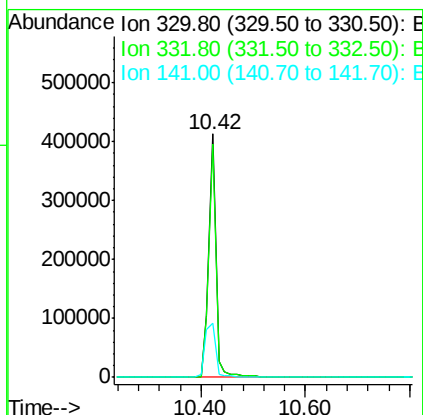
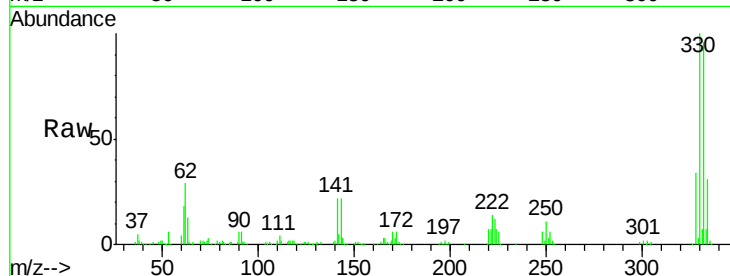




#41
 2,4,6-Tribromophenol
 Concen: 129.92 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF087115.D
 Acq: 17 May 2016 21:29

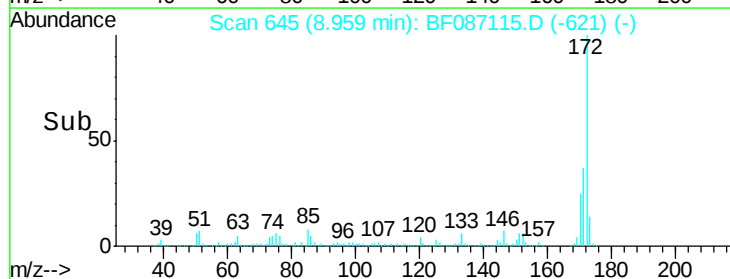
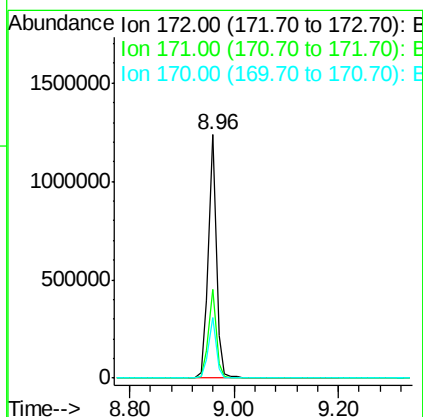
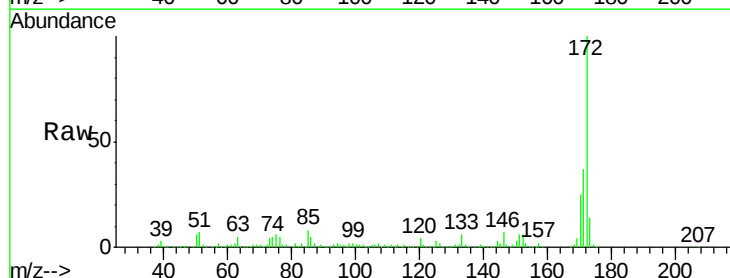
Instrument :
 BNA_F
 ClientSampled :
 PB90651BL

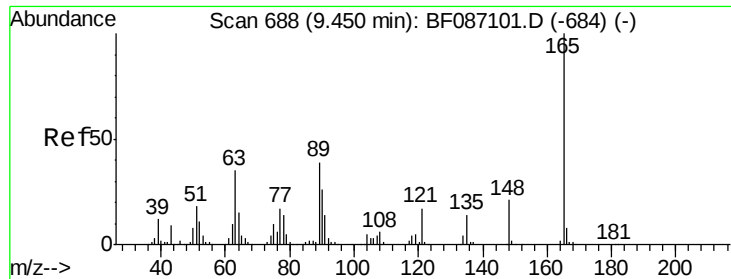
Tgt Ion:330 Resp: 403463
 Ion Ratio Lower Upper
 330 100
 332 96.5 79.0 118.4
 141 33.3 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 78.87 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.02 min
 Lab File: BF087115.D
 Acq: 17 May 2016 21:29

Tgt Ion:172 Resp: 1338278
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.6 19.8 29.8





#50

2,6-Dinitrotoluene

Concen: 7.71 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.16 min

Lab File: BF087115.D

Acq: 17 May 2016 21:29

Instrument :

BNA_F

ClientSampleId :

PB90651BL

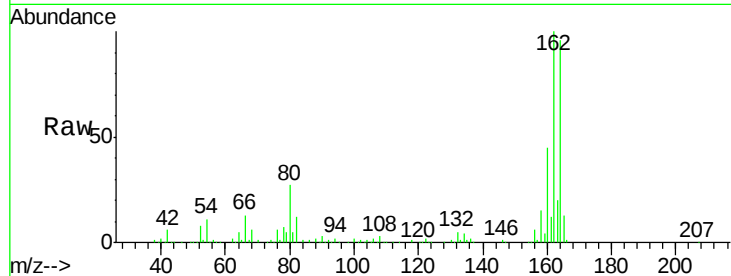
Tgt Ion:165 Resp: 35876

Ion Ratio Lower Upper

165 100

63 1.8 51.8 77.8#

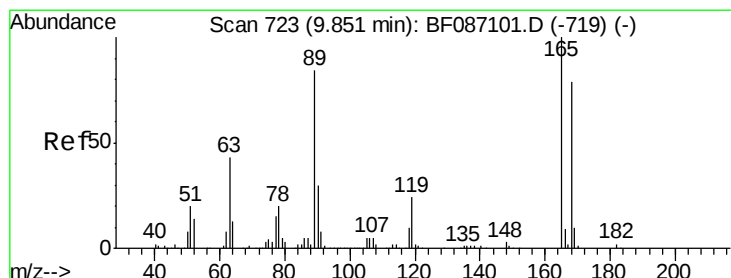
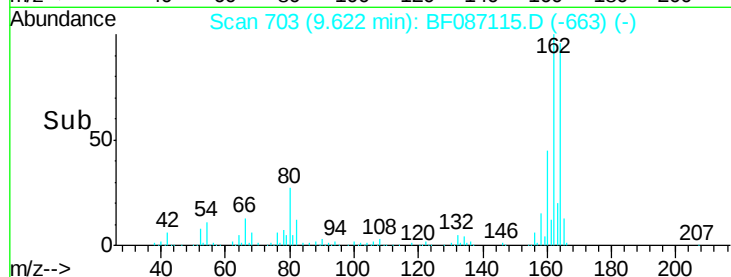
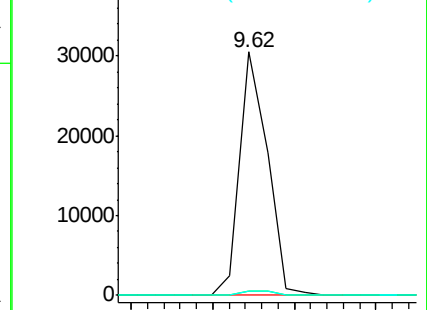
89 1.8 50.7 76.1#



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: 6.02 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.24 min

Lab File: BF087115.D

Acq: 17 May 2016 21:29

Tgt Ion:165 Resp: 35876

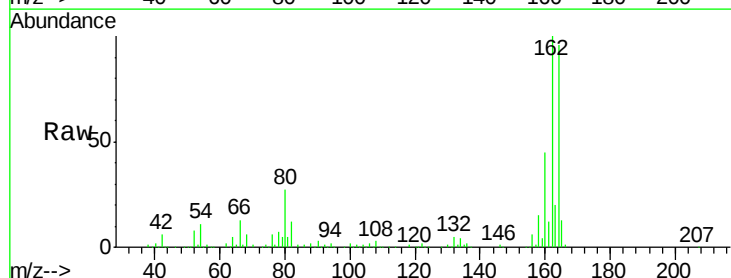
Ion Ratio Lower Upper

165 100

63 1.8 44.3 66.5#

89 1.8 70.0 105.0#

182 0.0 1.8 2.6#

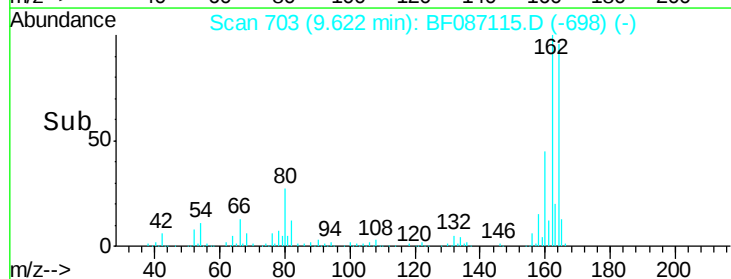
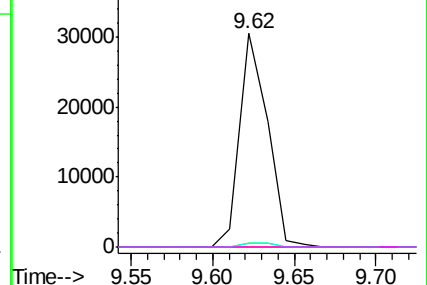


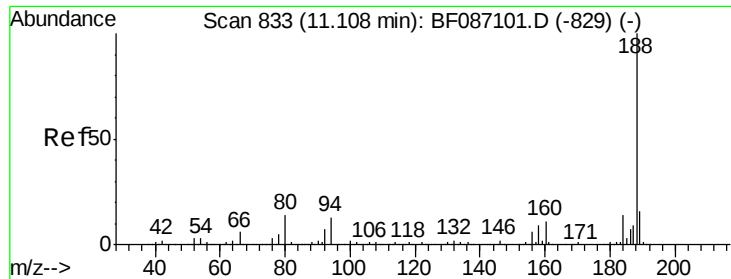
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

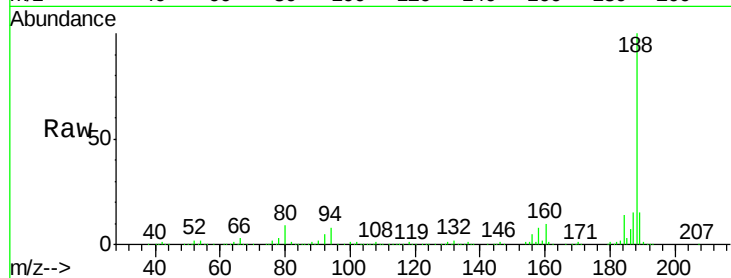




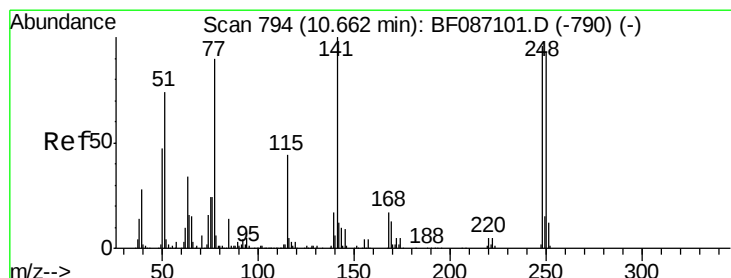
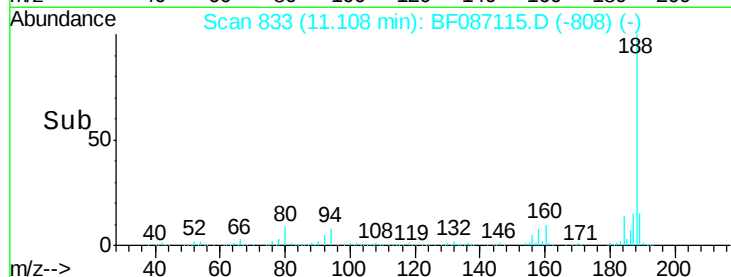
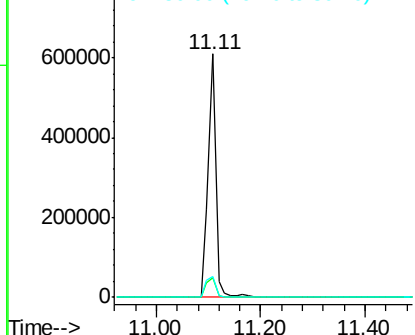
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF087115.D
Acq: 17 May 2016 21:29

Instrument :
BNA_F
ClientSampleId :
PB90651BL

Tgt Ion:188 Resp: 626046
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 8.7 7.1 10.7

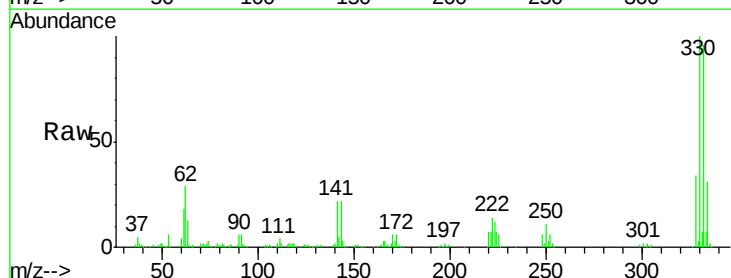


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

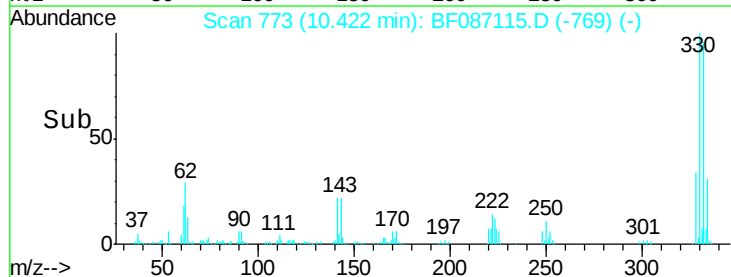
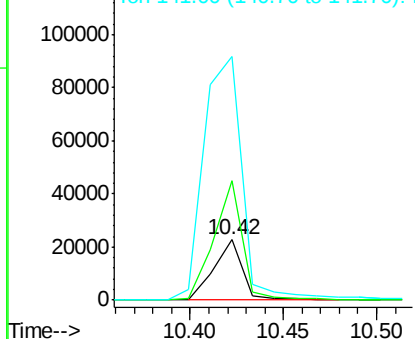


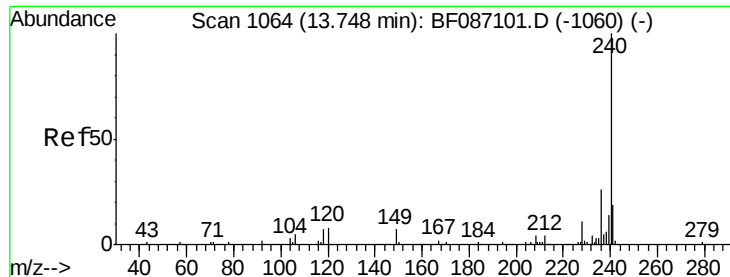
#66
4-Bromophenyl-phenylether
Concen: 3.72 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.25 min
Lab File: BF087115.D
Acq: 17 May 2016 21:29

Tgt Ion:248 Resp: 23927
Ion Ratio Lower Upper
248 100
250 198.7 78.6 117.8#
141 403.6 76.0 114.0#



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: 13.74 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF087115.D

Acq: 17 May 2016 21:29

Instrument :

BNA_F

ClientSampleId :

PB90651BL

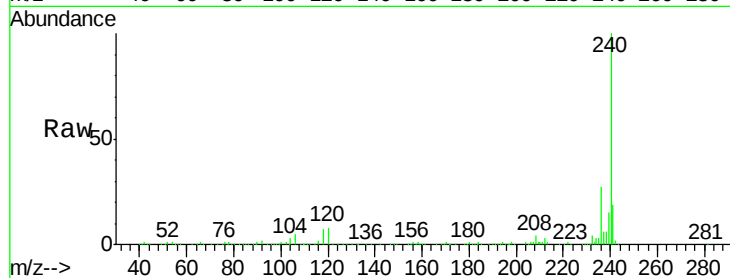
Tgt Ion:240 Resp: 514531

Ion Ratio Lower Upper

240 100

120 8.1 11.2 16.8#

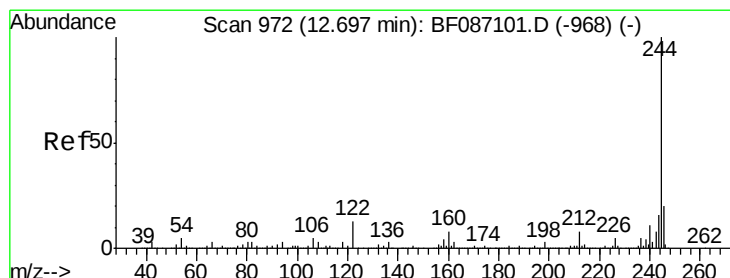
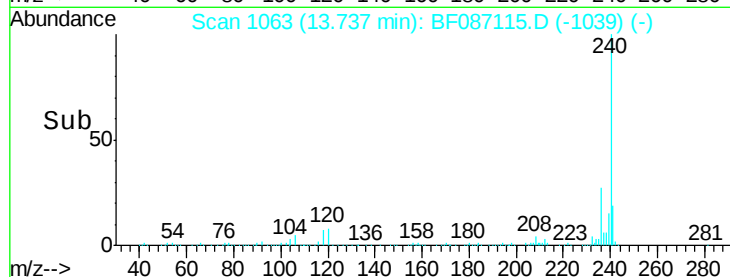
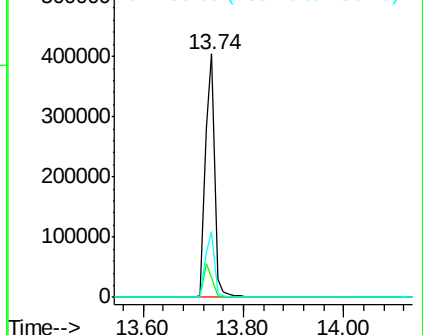
236 26.8 21.2 31.8



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: 72.43 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF087115.D

Acq: 17 May 2016 21:29

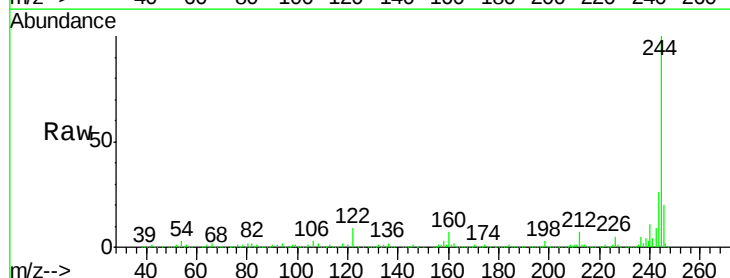
Tgt Ion:244 Resp: 1647372

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

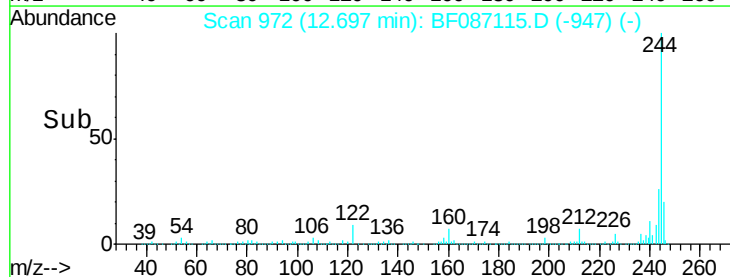
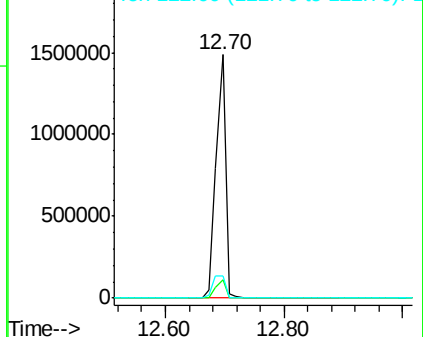
122 9.3 12.0 18.0#

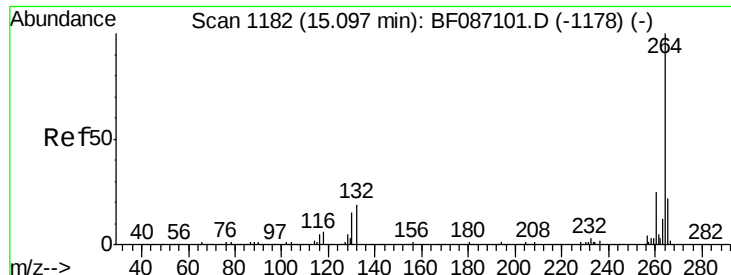


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF087115.D
Acq: 17 May 2016 21:29

Instrument :
BNA_F
ClientSampleId :
PB90651BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.1	17.3	25.9

