

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
 Data File : BF087710.D
 Acq On : 5 Jun 2016 16:20
 Operator : UM/SJ
 Sample : H3362-02
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991

Quant Time: Jun 06 02:59:40 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

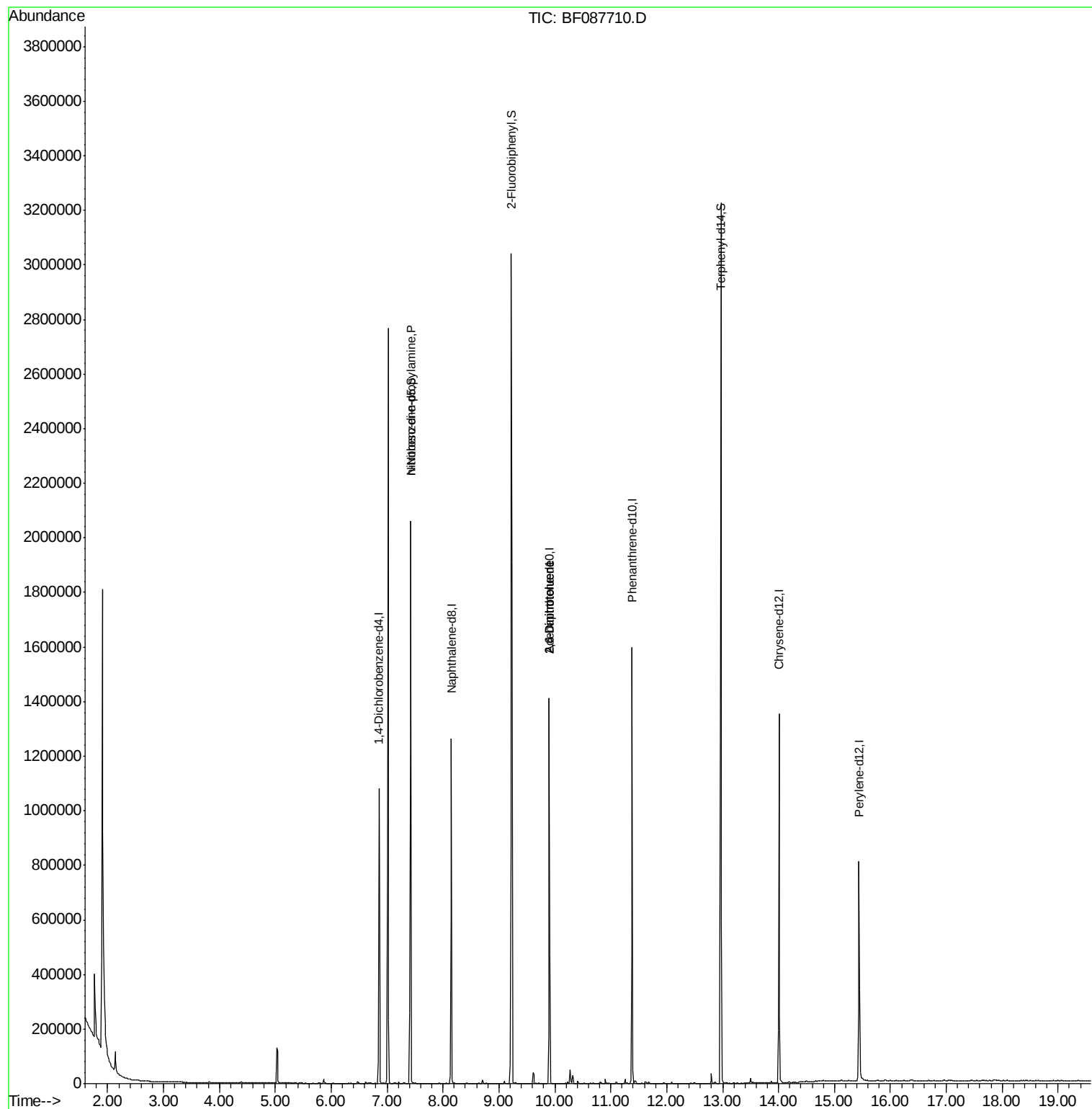
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	156696	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	673366	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	293270	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	575307	20.00	ng	0.00
75) Chrysene-d12	14.01	240	441477	20.00	ng	-0.01
86) Perylene-d12	15.44	264	365134	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	539	0.06	ng	0.00
7) Phenol-d6	6.48	99	4423	0.36	ng	-0.01
23) Nitrobenzene-d5	7.43	82	849111	72.96	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	276	0.09	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1418583	70.30	ng	-0.01
78) Terphenyl-d14	12.97	244	1150458	63.59	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	113399	14.93	ng	# 74
50) 2,6-Dinitrotoluene	9.90	165	37985	7.83	ng	# 40
56) 2,4-Dinitrotoluene	9.90	165	37987	6.15	ng	# 38

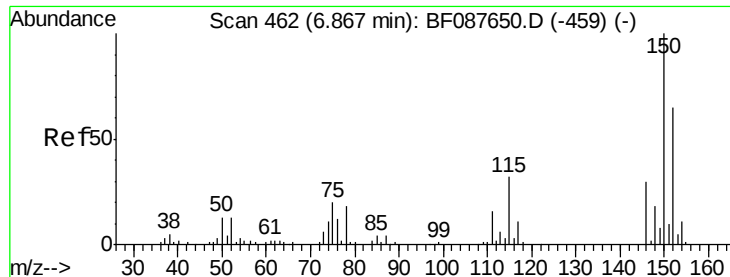
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 04 11:07:28 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF087710.D

Acq: 5 Jun 2016 16:20

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991

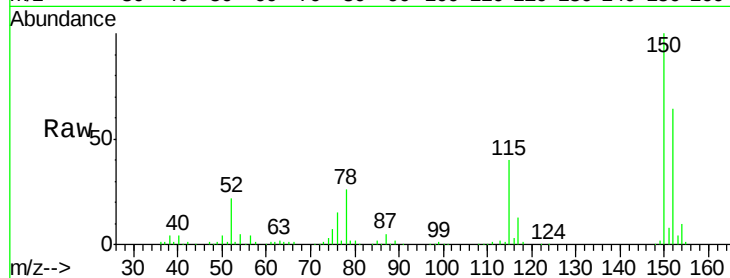
Tgt Ion:152 Resp: 156696

Ion Ratio Lower Upper

152 100

150 156.5 123.8 185.6

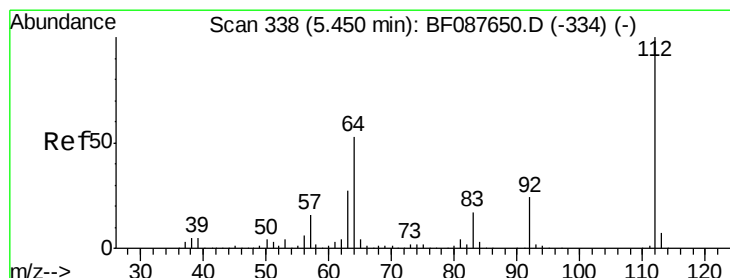
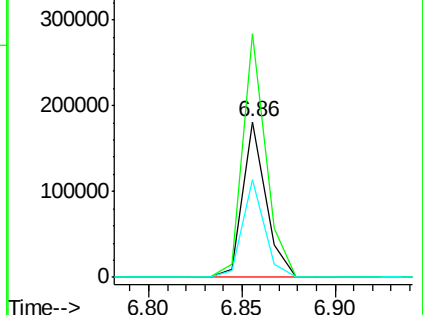
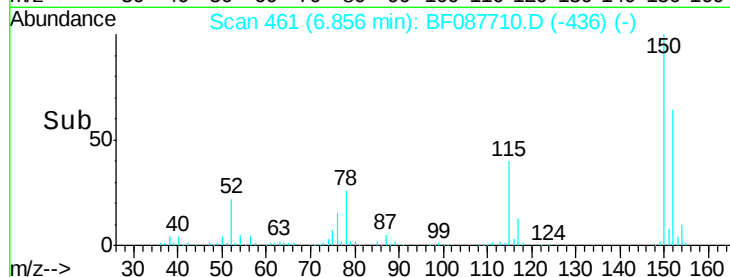
115 63.1 39.6 59.4#



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: 0.06 ng

RT: 5.45 min Scan# 338

Delta R.T. -0.00 min

Lab File: BF087710.D

Acq: 5 Jun 2016 16:20

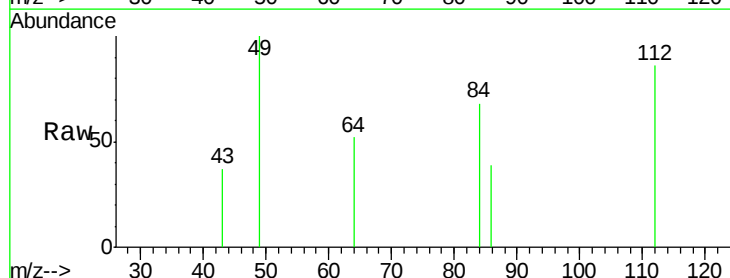
Tgt Ion:112 Resp: 539

Ion Ratio Lower Upper

112 100

64 60.2 42.2 63.2

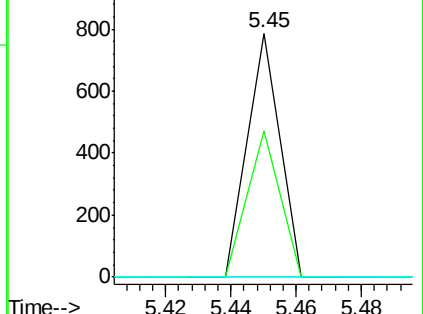
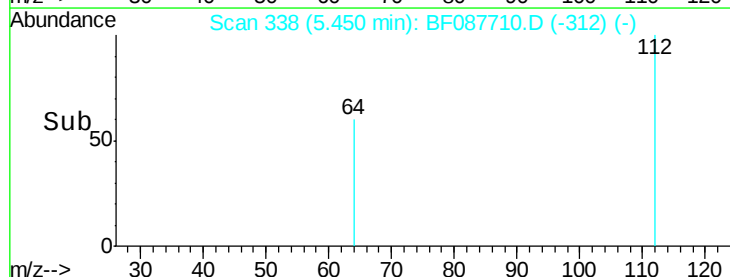
63 0.0 21.8 32.8#

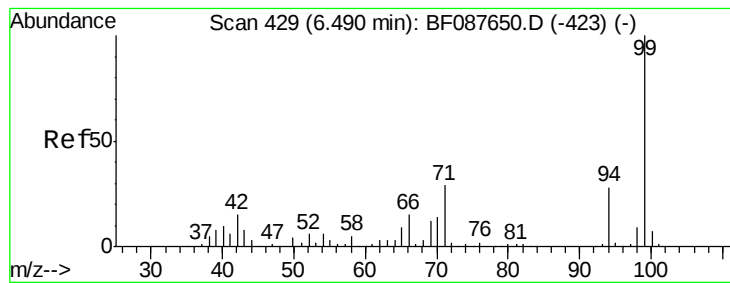


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 0.36 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087710.D

Acq: 5 Jun 2016 16:20

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991

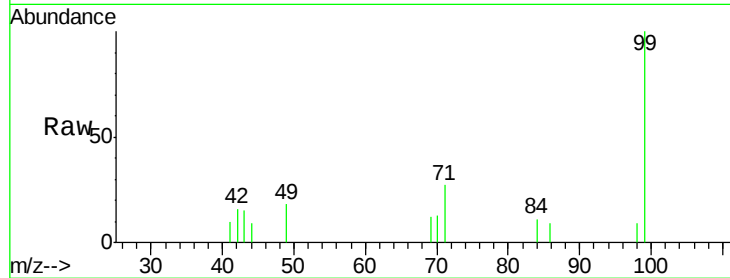
Tgt Ion: 99 Resp: 4423

Ion Ratio Lower Upper

99 100

42 16.4 12.2 18.2

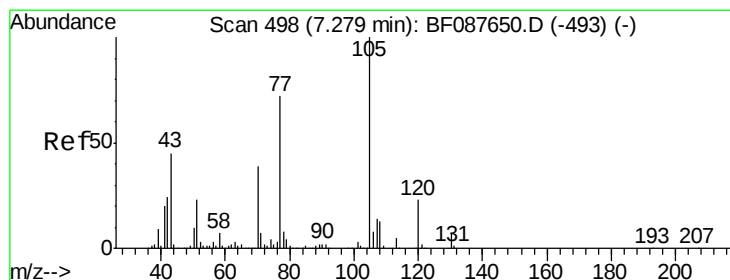
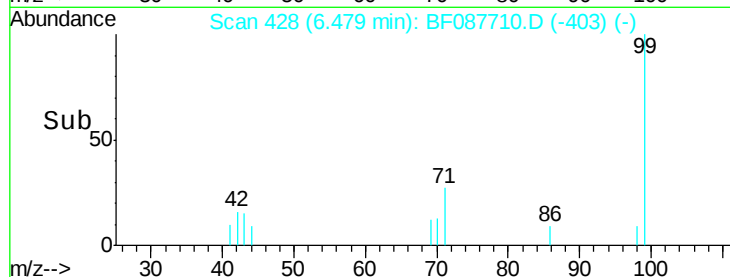
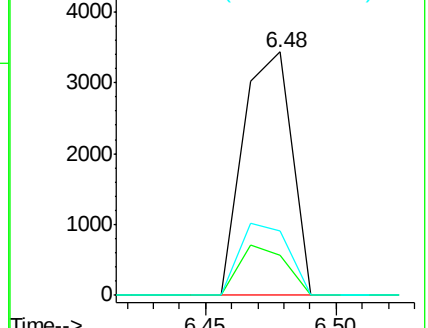
71 26.6 23.4 35.0



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: 14.93 ng

RT: 7.43 min Scan# 511

Delta R.T. 0.15 min

Lab File: BF087710.D

Acq: 5 Jun 2016 16:20

Tgt Ion: 70 Resp: 113399

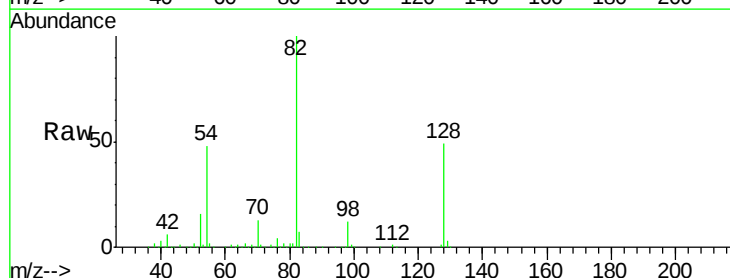
Ion Ratio Lower Upper

70 100

42 44.1 49.6 74.4#

101 0.0 7.1 10.7#

130 2.6 15.4 23.2#

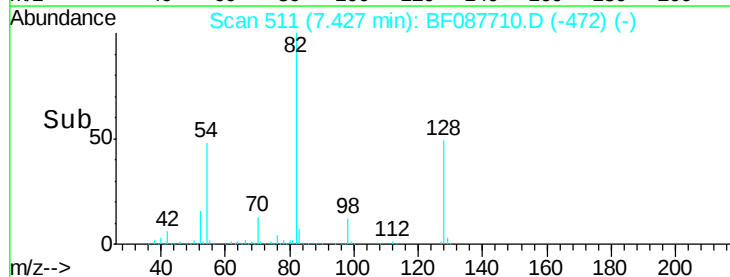
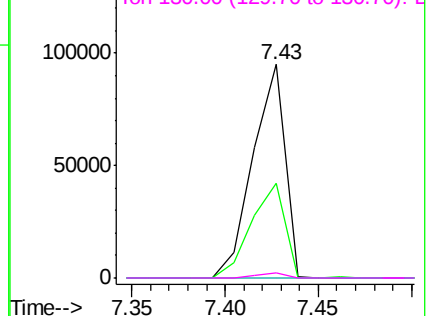


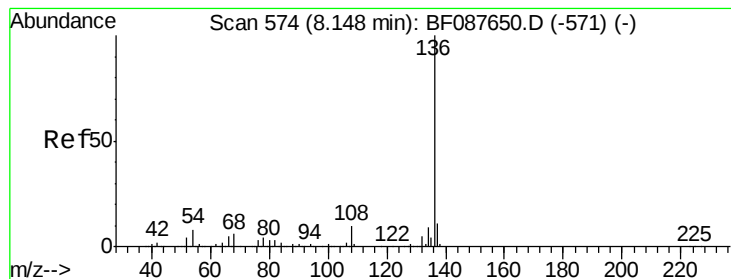
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087710.D

Acq: 5 Jun 2016 16:20

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991

Tgt Ion:136 Resp: 673366

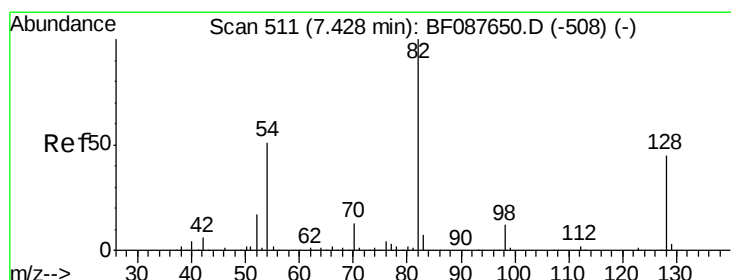
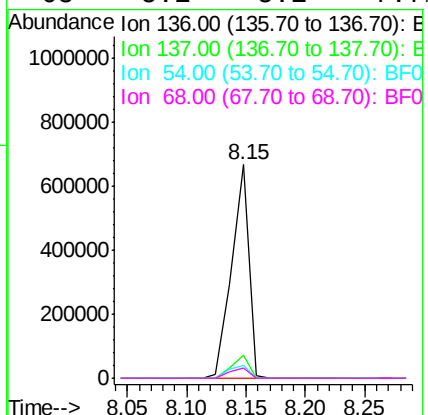
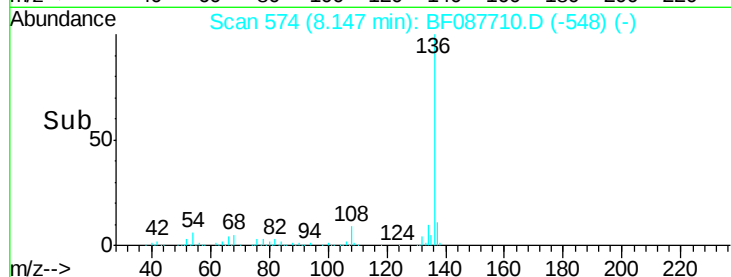
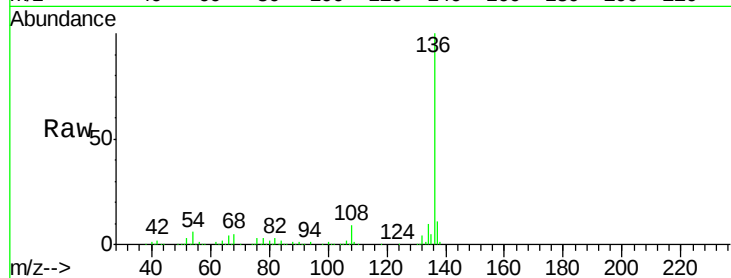
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.0 6.6 10.0#

68 5.1 5.1 7.7#



#23

Nitrobenzene-d5

Concen: 72.96 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF087710.D

Acq: 5 Jun 2016 16:20

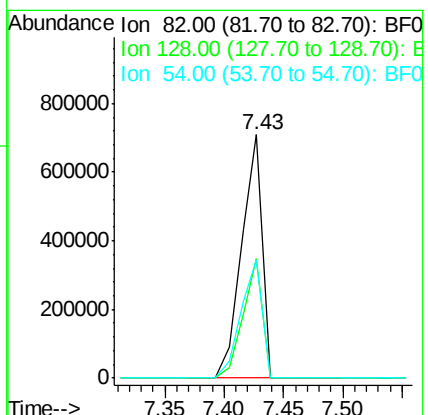
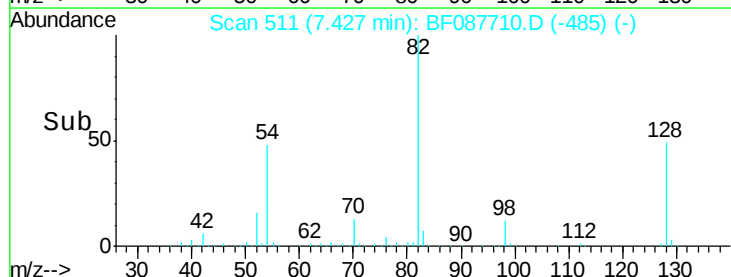
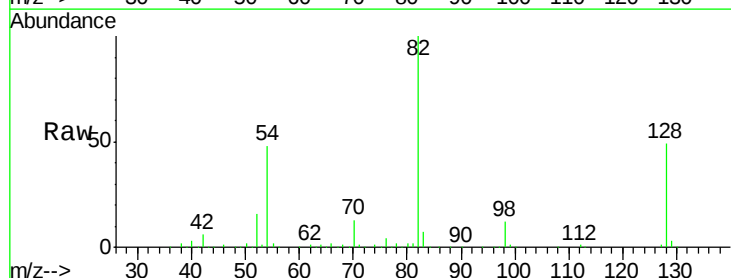
Tgt Ion: 82 Resp: 849111

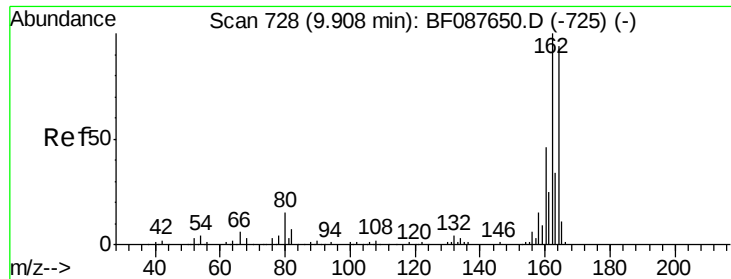
Ion Ratio Lower Upper

82 100

128 49.2 35.9 53.9

54 48.5 40.9 61.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF087710.D

Acq: 5 Jun 2016 16:20

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991

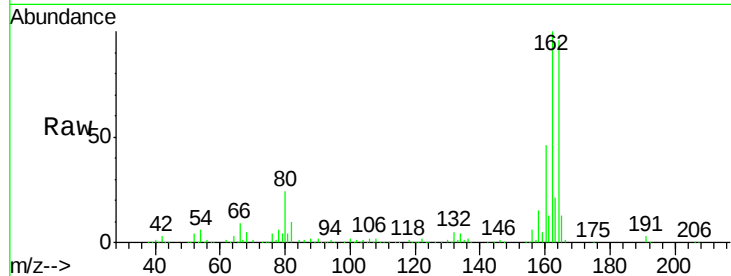
Tgt Ion:164 Resp: 293270

Ion Ratio Lower Upper

164 100

162 103.6 85.4 128.2

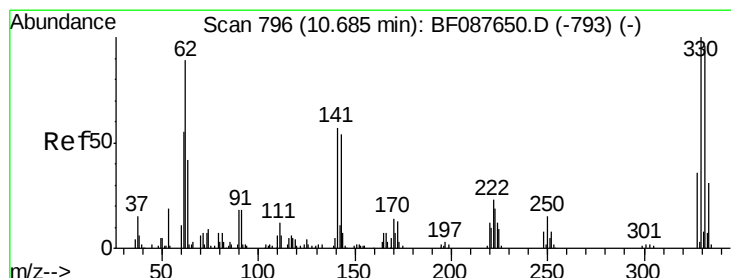
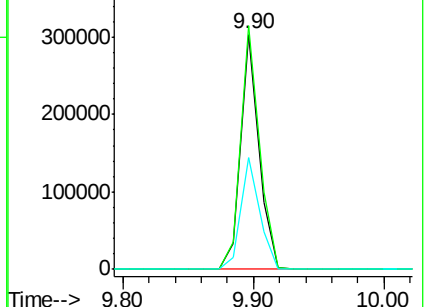
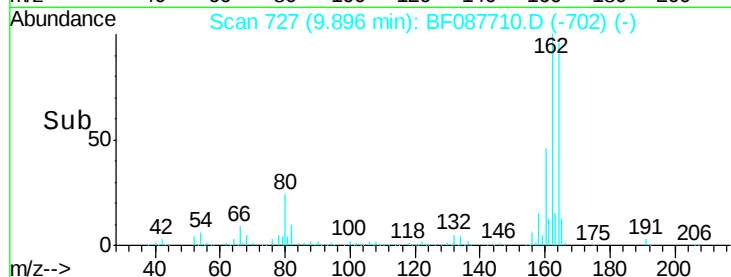
160 47.3 39.5 59.3



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: 0.09 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF087710.D

Acq: 5 Jun 2016 16:20

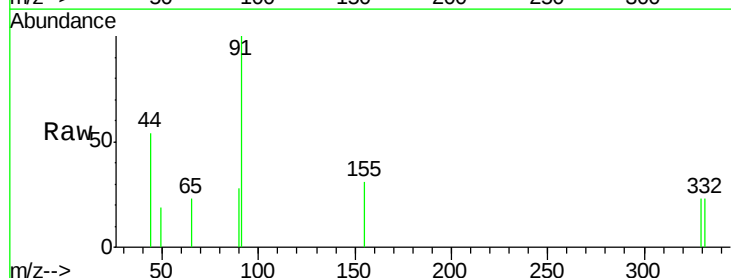
Tgt Ion:330 Resp: 276

Ion Ratio Lower Upper

330 100

332 97.8 0.0 0.0#

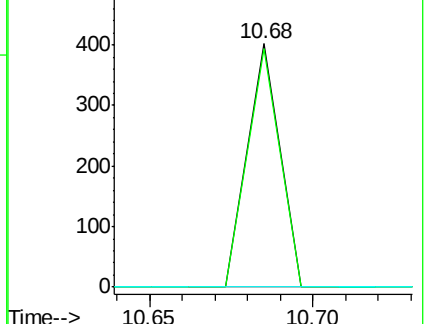
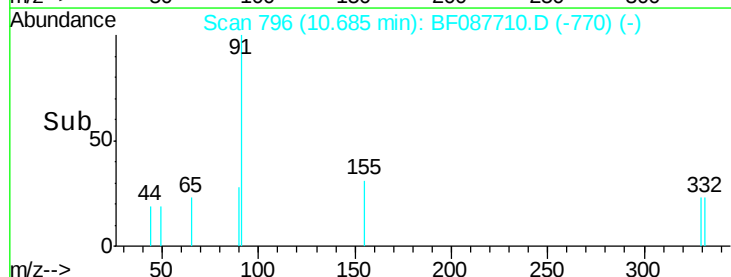
141 0.0 0.0 0.0

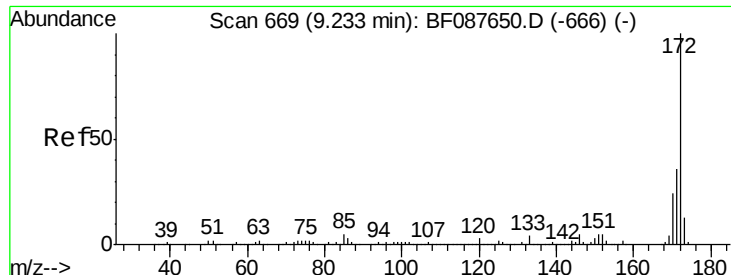


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

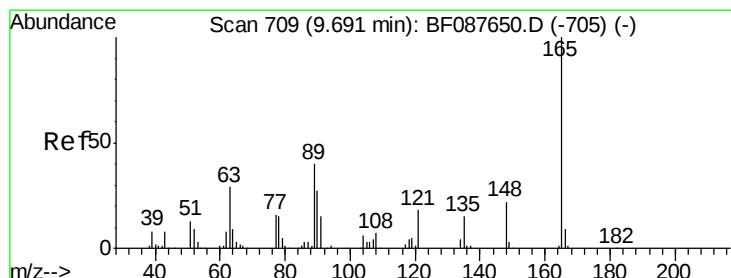
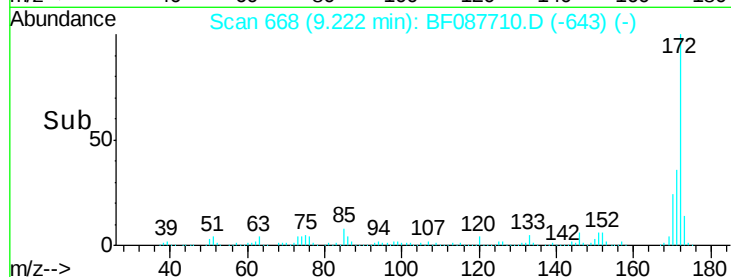
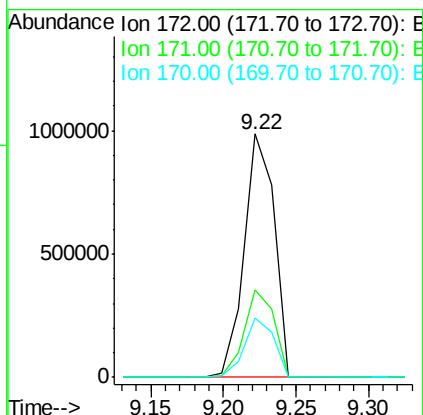
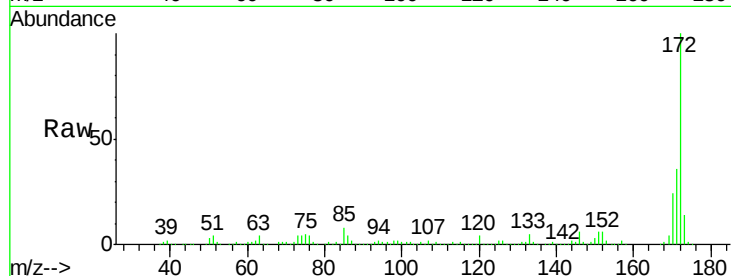




#44
 2-Fluorobiphenyl
 Concen: 70.30 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087710.D
 Acq: 5 Jun 2016 16:20

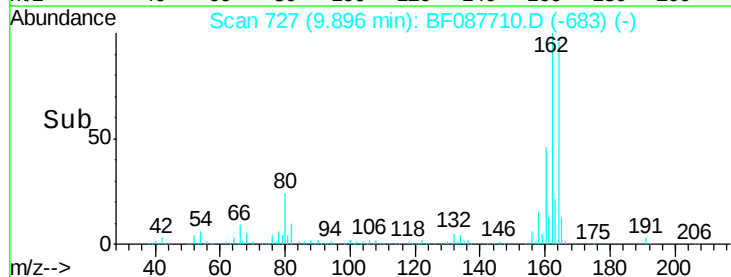
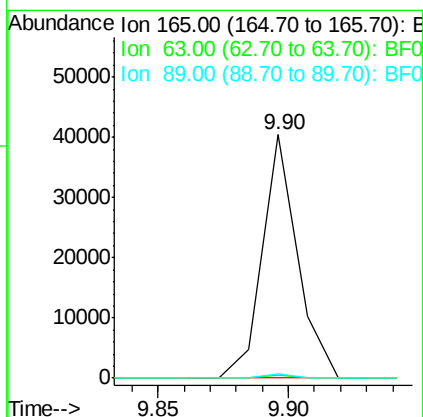
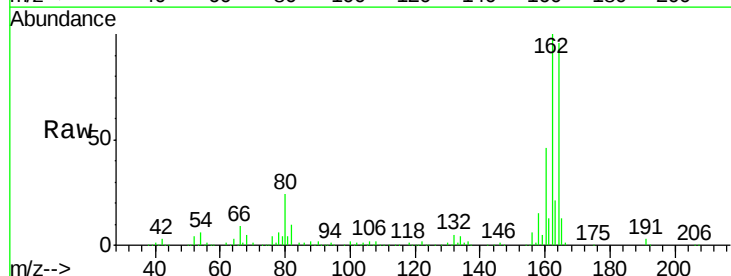
Instrument :
 BNA_F
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 SP16-JMW0991

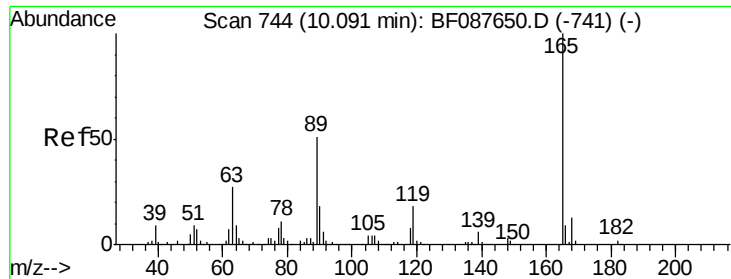
Tgt Ion:172 Resp: 1418583
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.4 19.2 28.8



#50
 2,6-Dinitrotoluene
 Concen: 7.83 ng
 RT: 9.90 min Scan# 727
 Delta R.T. 0.21 min
 Lab File: BF087710.D
 Acq: 5 Jun 2016 16:20

Tgt Ion:165 Resp: 37985
 Ion Ratio Lower Upper
 165 100
 63 1.3 28.1 42.1#
 89 1.6 32.2 48.2#

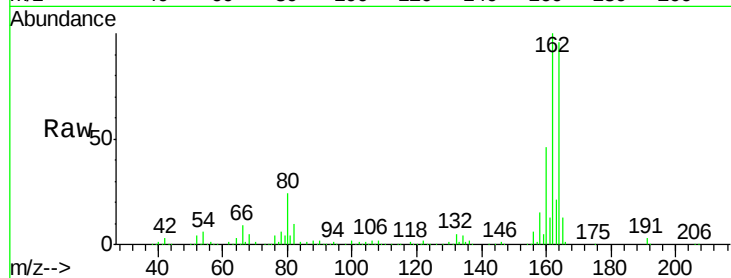




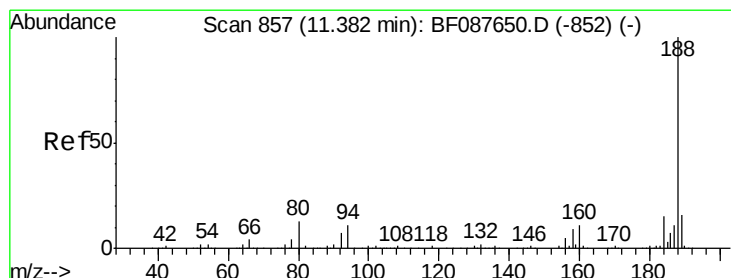
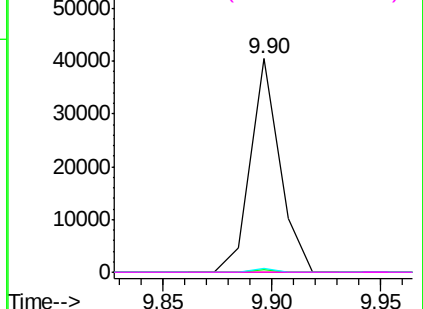
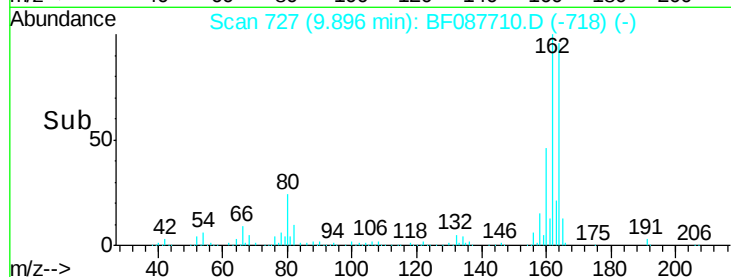
#56
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.19 min
Lab File: BF087710.D
Acq: 5 Jun 2016 16:20

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991

Tgt Ion:165 Resp: 37987
Ion Ratio Lower Upper
165 100
63 1.3 22.0 33.0#
89 1.6 41.1 61.7#
182 0.0 2.0 3.0#

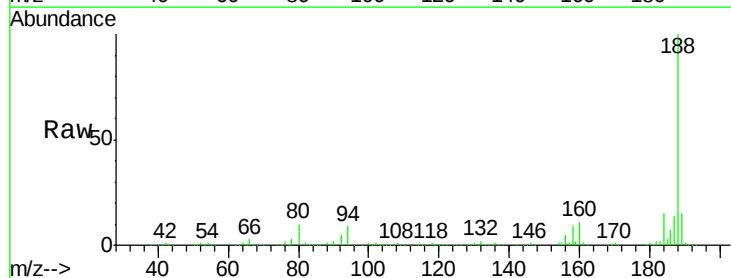


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

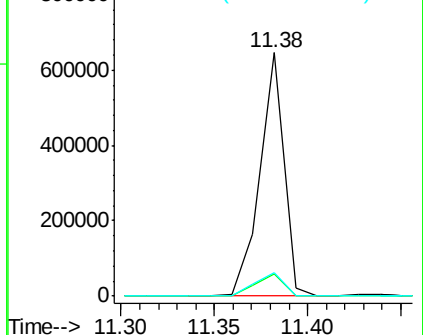
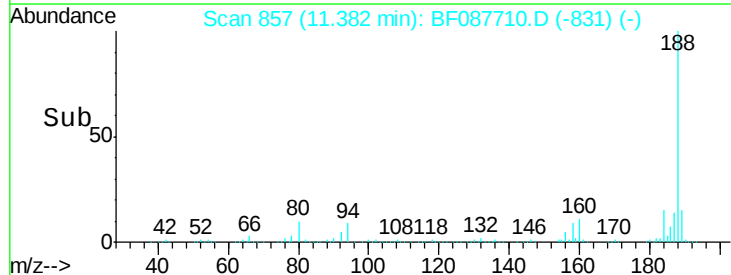


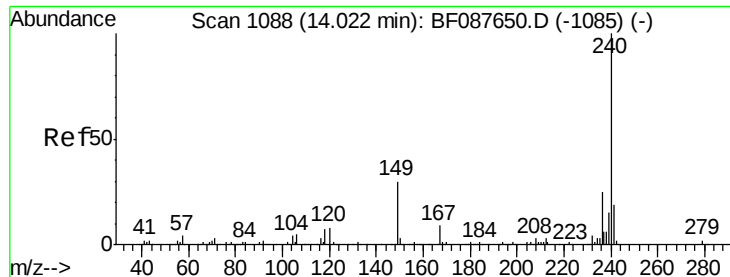
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087710.D
Acq: 5 Jun 2016 16:20

Tgt Ion:188 Resp: 575307
Ion Ratio Lower Upper
188 100
94 9.3 9.0 13.6
80 9.8 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF087710.D

Acq: 5 Jun 2016 16:20

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991

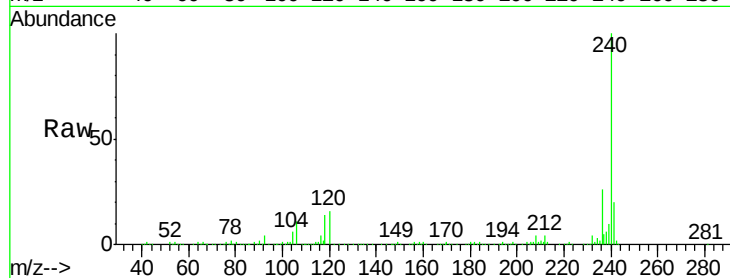
Tgt Ion:240 Resp: 441477

Ion Ratio Lower Upper

240 100

120 15.6 6.8 10.2#

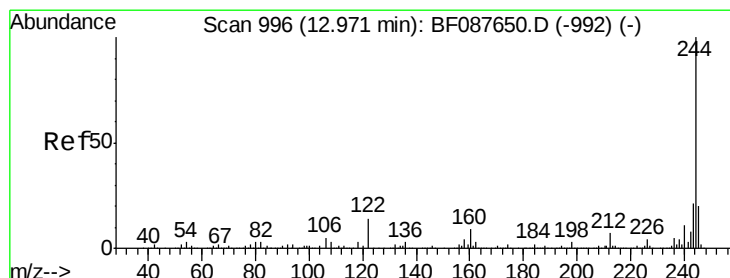
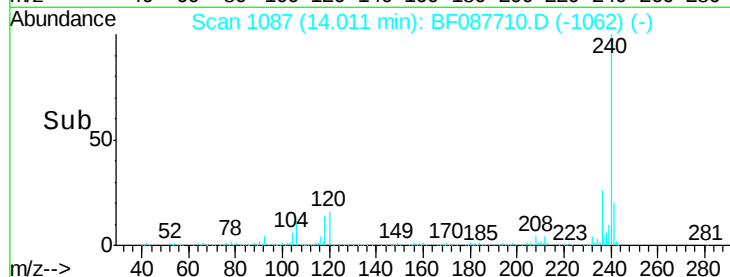
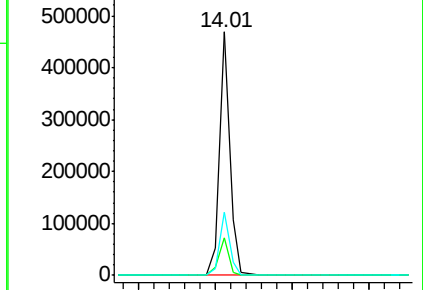
236 25.9 20.2 30.2



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: 63.59 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087710.D

Acq: 5 Jun 2016 16:20

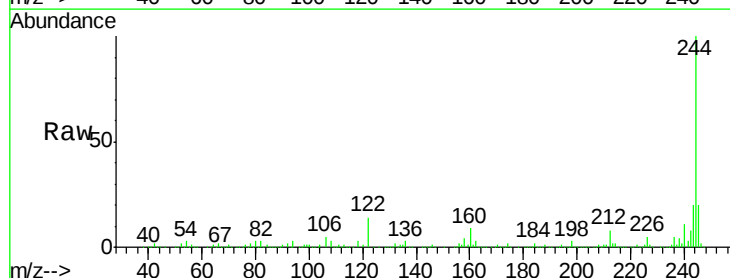
Tgt Ion:244 Resp: 1150458

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

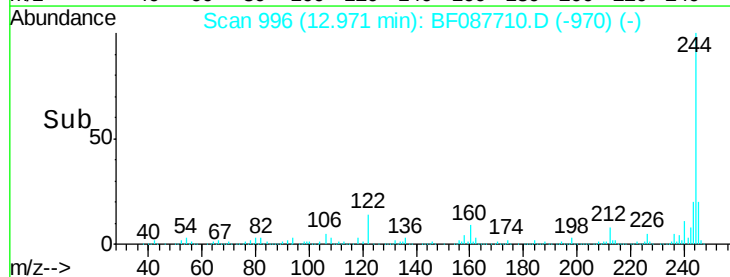
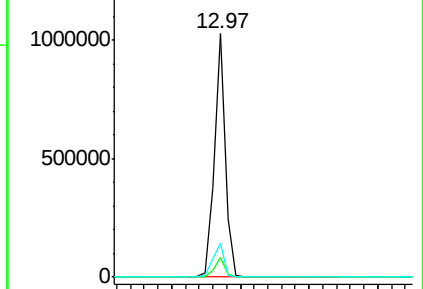
122 13.9 11.2 16.8

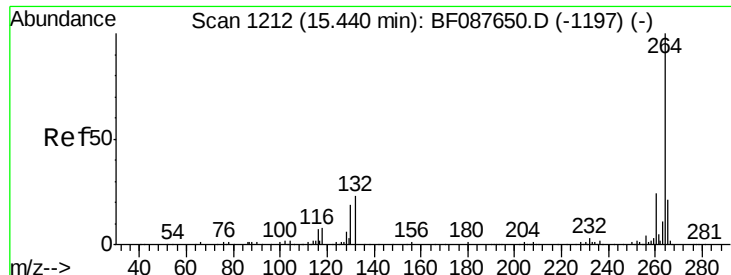


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

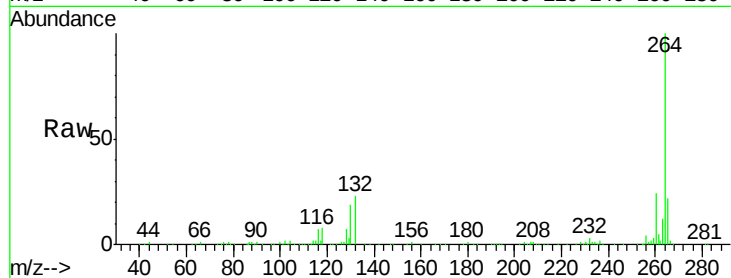




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF087710.D
Acq: 5 Jun 2016 16:20

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991

Tgt Ion: 264 Resp: 365134
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 22.1 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

