

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF081986.D
 Acq On : 2 Oct 2015 18:34
 Operator : UM/IZ
 Sample : G3857-10RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A2-COMPRE

Quant Time: Oct 05 06:32:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

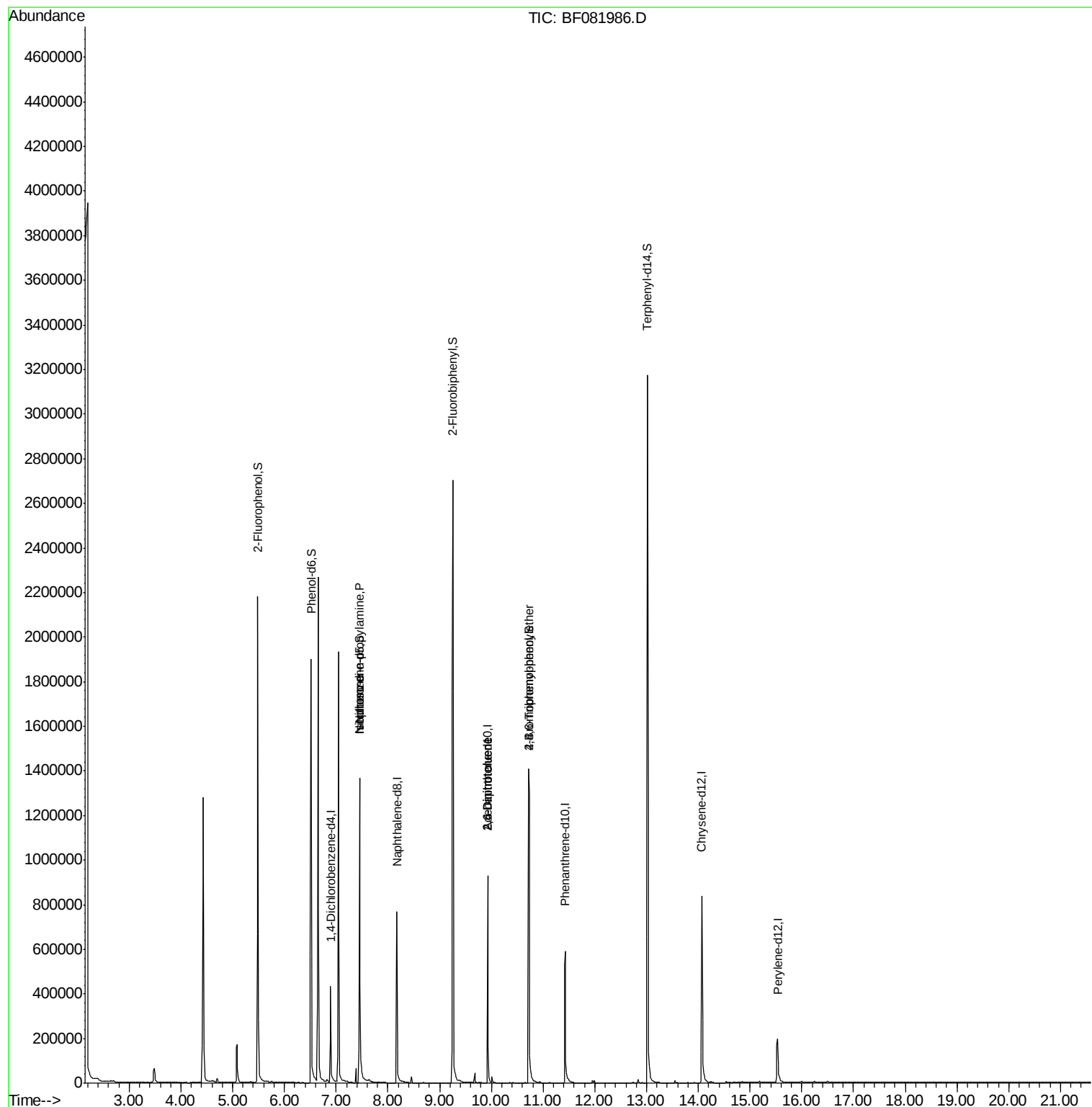
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	99097	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	413052	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	196609	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	410846	20.00	ng	-0.03
75) Chrysene-d12	14.07	240	395279	20.00	ng	-0.05
86) Perylene-d12	15.53	264	115757	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	661011	121.09	ng	-0.03
7) Phenol-d6	6.51	99	762627	111.02	ng	-0.05
23) Nitrobenzene-d5	7.45	82	568824	91.80	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	310186	155.78	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1253860	114.22	ng	-0.05
78) Terphenyl-d14	13.02	244	1295831	118.39	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	71739	17.18	ng	# 58
25) Isophorone	7.45	82	526958	42.91	ng	# 58
50) 2,6-Dinitrotoluene	9.93	165	23563	8.00	ng	# 39
56) 2,4-Dinitrotoluene	9.93	165	23781	6.33	ng	# 34
57) Fluorene	10.72	166	10513	Below Cal		# 80
66) 4-Bromophenyl-phenylether	10.73	248	18883	4.56	ng	# 1
73) Di-n-butylphthalate	11.99	149	6107	Below Cal		# 96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF081986.D

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A2-COMPRE

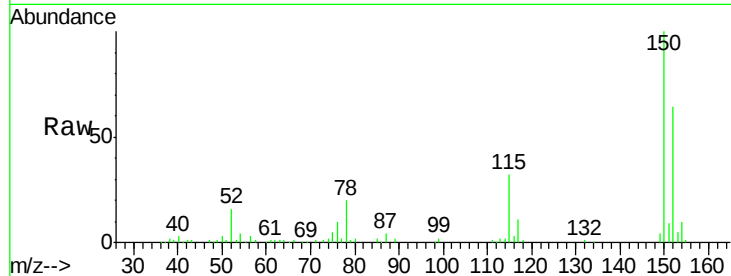
Tgt Ion:152 Resp: 99097

Ion Ratio Lower Upper

152 100

150 156.0 124.7 187.1

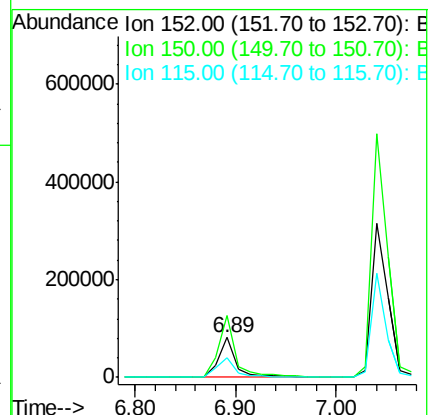
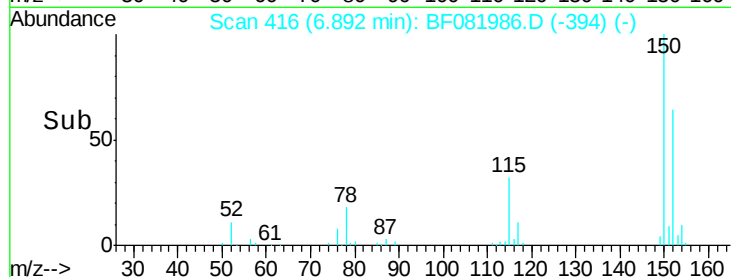
115 50.2 39.0 58.4



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: 121.09 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF081986.D

Acq: 2 Oct 2015 18:34

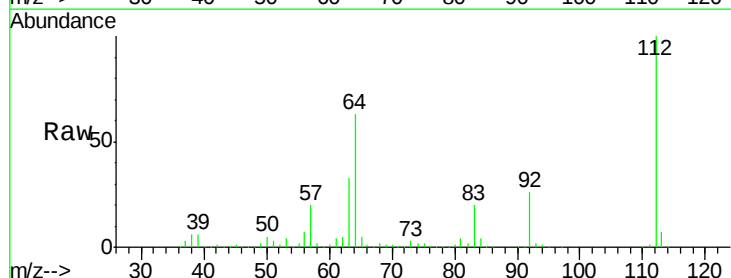
Tgt Ion:112 Resp: 661011

Ion Ratio Lower Upper

112 100

64 63.0 39.7 59.5#

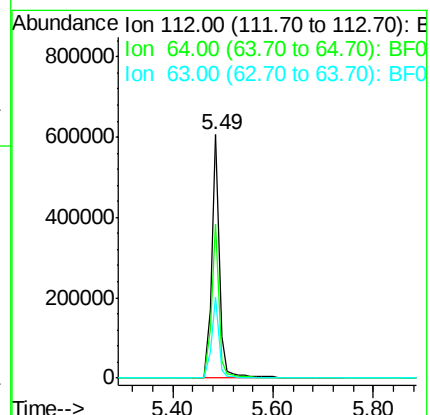
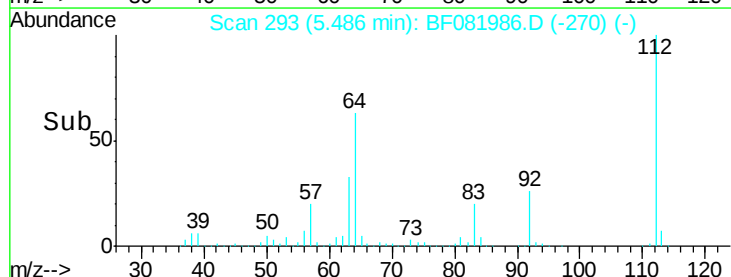
63 33.5 17.4 26.0#

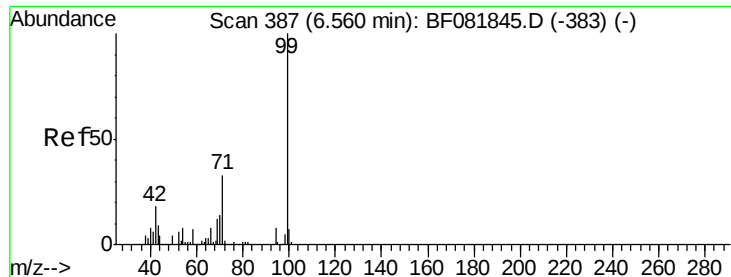


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.02 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF081986.D

Acq: 2 Oct 2015 18:34

Instrument :

BNA_F

ClientSampleId :

A2-COMPRE

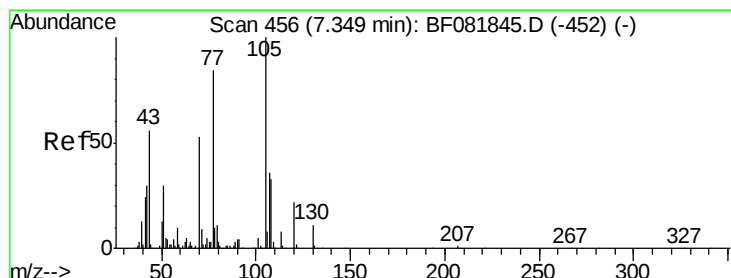
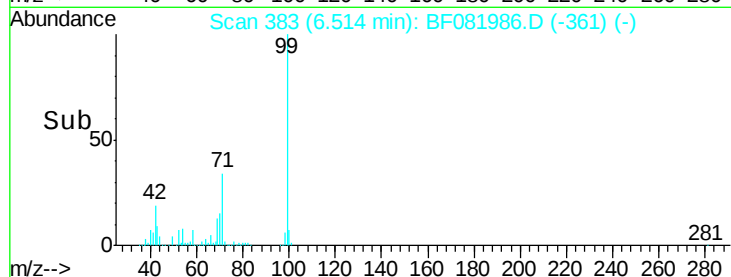
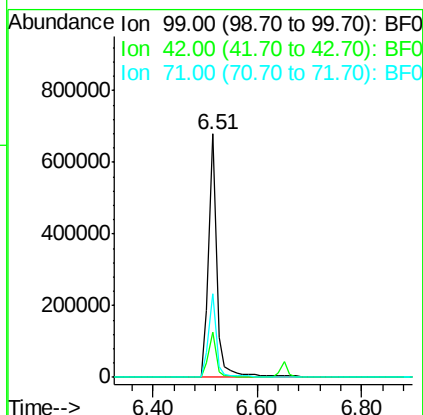
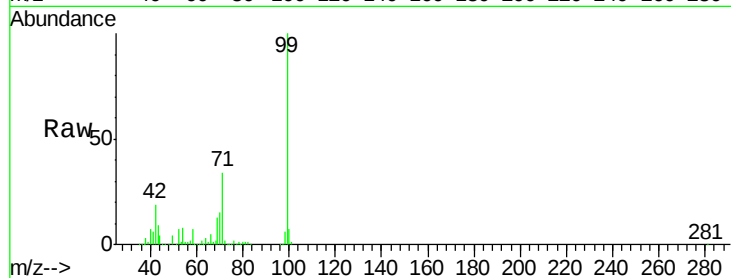
Tgt Ion: 99 Resp: 762627

Ion Ratio Lower Upper

99 100

42 18.6 13.7 20.5

71 34.3 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 17.18 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.10 min

Lab File: BF081986.D

Acq: 2 Oct 2015 18:34

Tgt Ion: 70 Resp: 71739

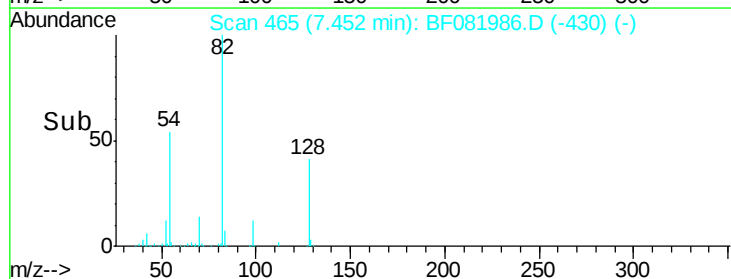
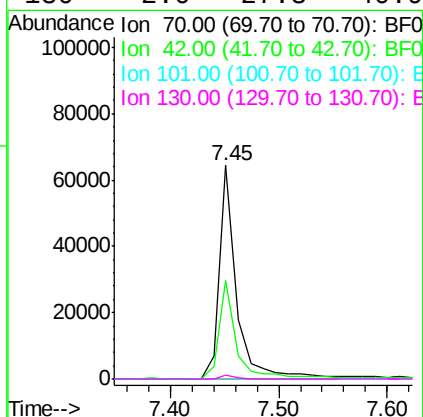
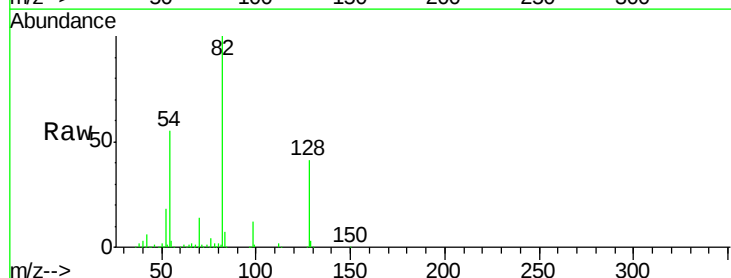
Ion Ratio Lower Upper

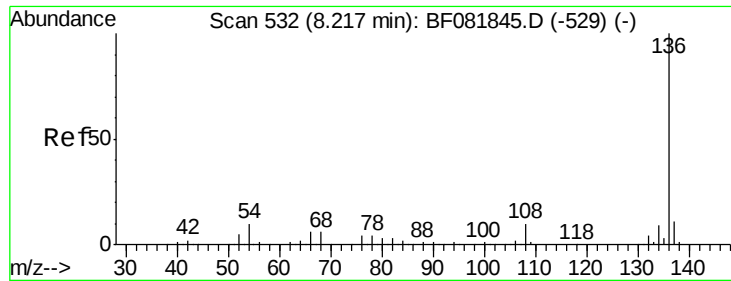
70 100

42 45.9 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

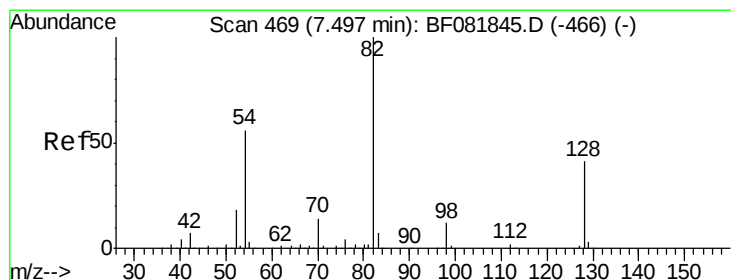
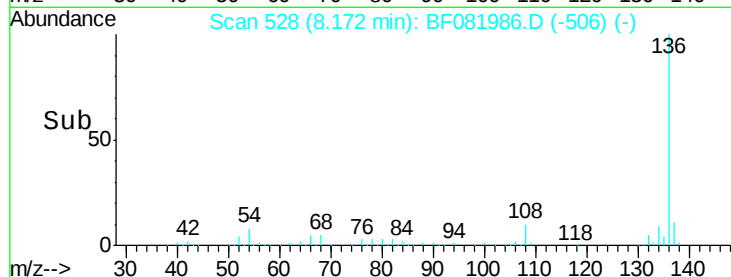
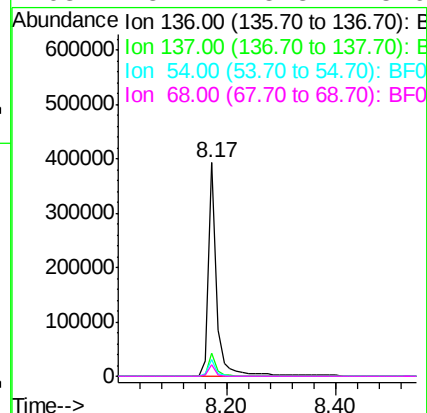
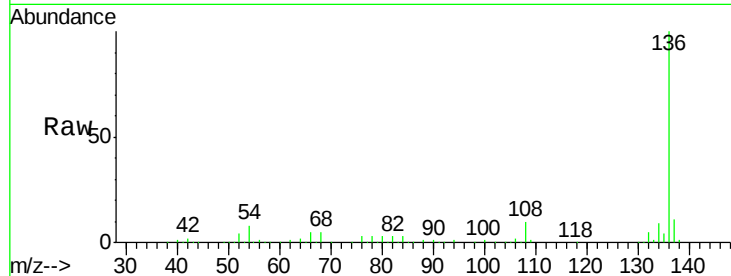




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF081986.D
Acq: 2 Oct 2015 18:34

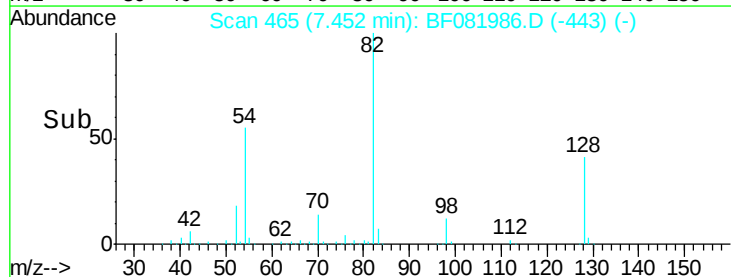
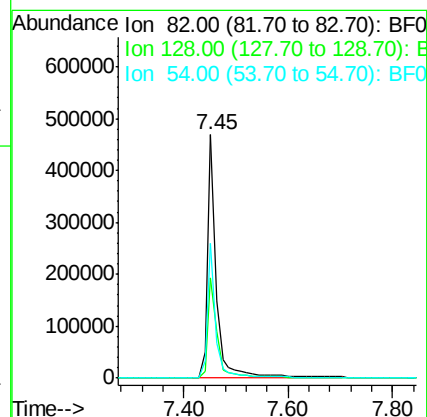
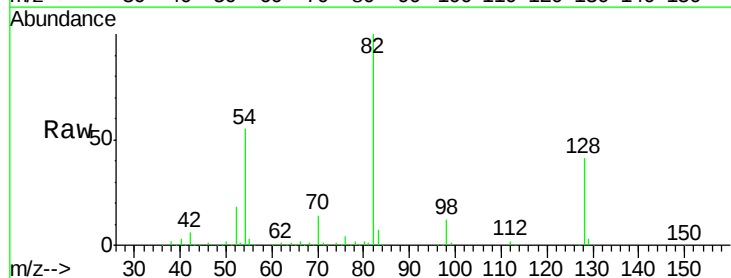
Instrument :
BNA_F
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A2-COMPRE

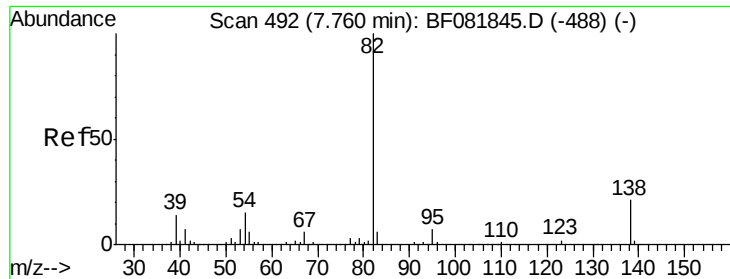
Tgt Ion: 136 Resp: 413052
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 7.9 8.2 12.2#
68 5.4 5.8 8.6#



#23
Nitrobenzene-d5
Concen: 91.80 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF081986.D
Acq: 2 Oct 2015 18:34

Tgt Ion: 82 Resp: 568824
Ion Ratio Lower Upper
82 100
128 40.9 51.0 76.6#
54 55.4 47.5 71.3





#25

Isophorone

Concen: 42.91 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.31 min

Lab File: BF081986.D

Acq: 2 Oct 2015 18:34

Instrument :

BNA_F

ClientSampleId :

A2-COMPRE

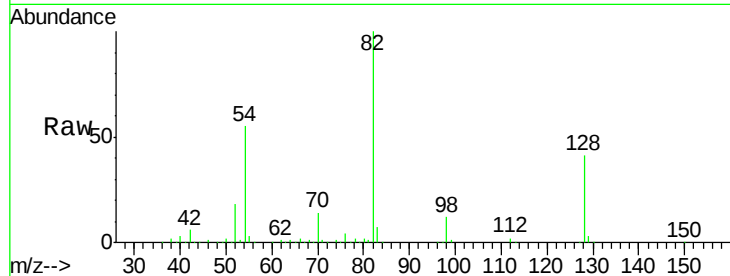
Tgt Ion: 82 Resp: 526958

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

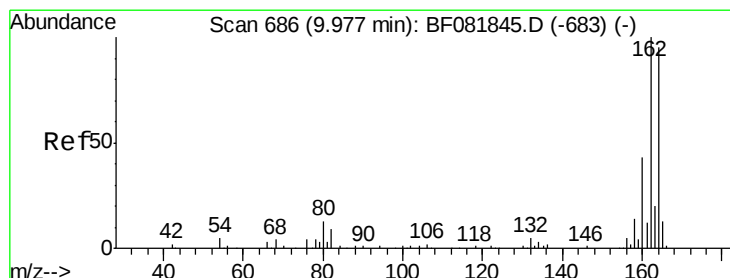
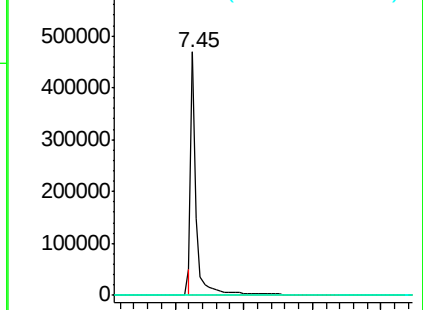
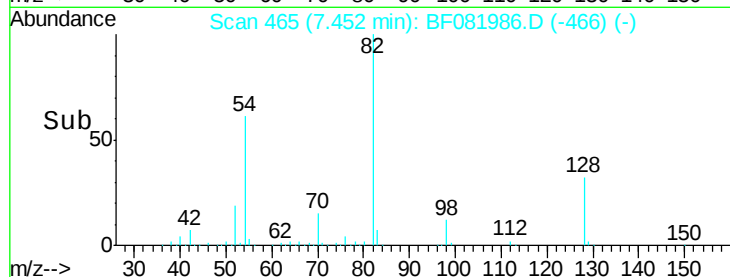
138 0.0 18.3 27.5#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF081986.D

Acq: 2 Oct 2015 18:34

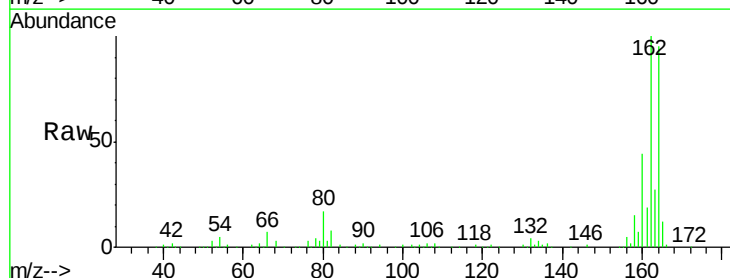
Tgt Ion: 164 Resp: 196609

Ion Ratio Lower Upper

164 100

162 105.0 75.2 112.8

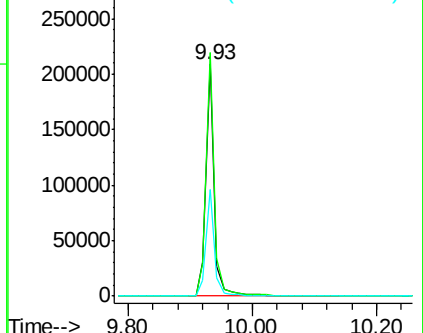
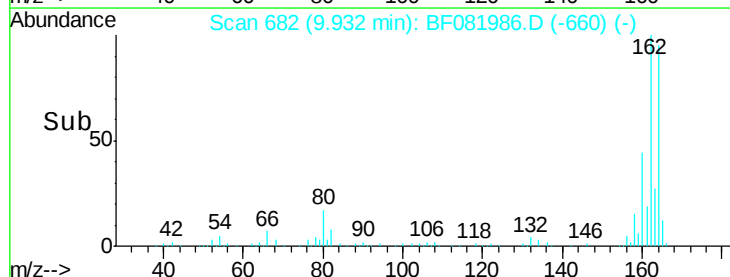
160 46.2 31.5 47.3

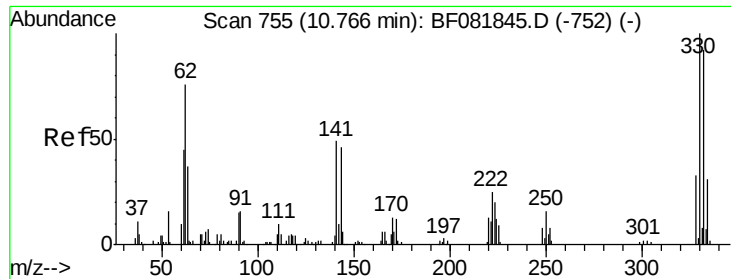


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

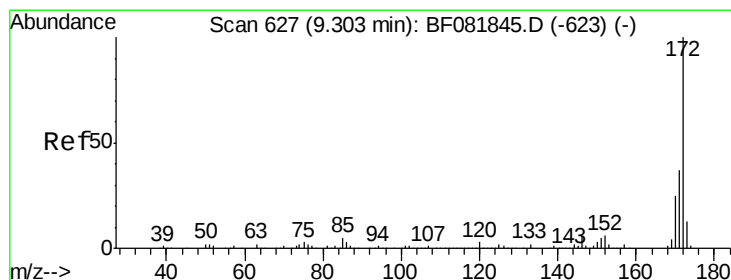
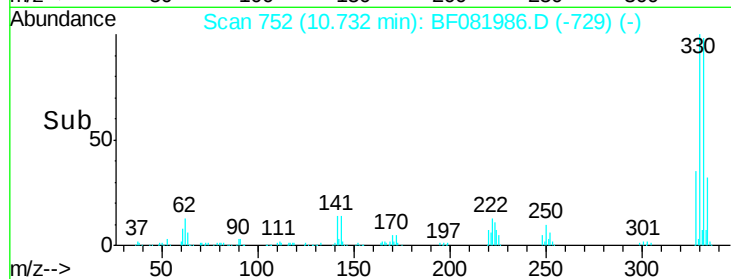
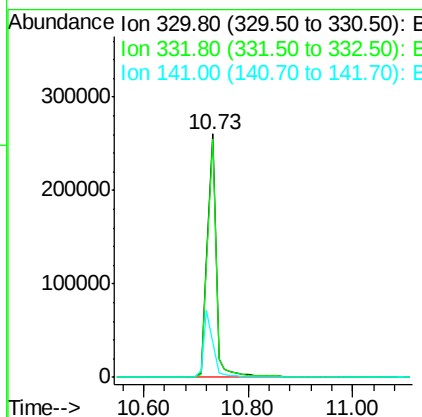
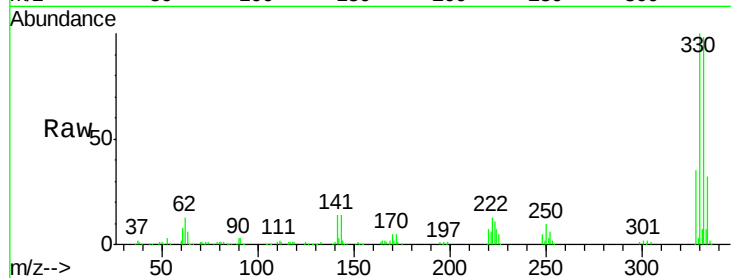




#41
 2,4,6-Tribromophenol
 Concen: 155.78 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081986.D
 Acq: 2 Oct 2015 18:34

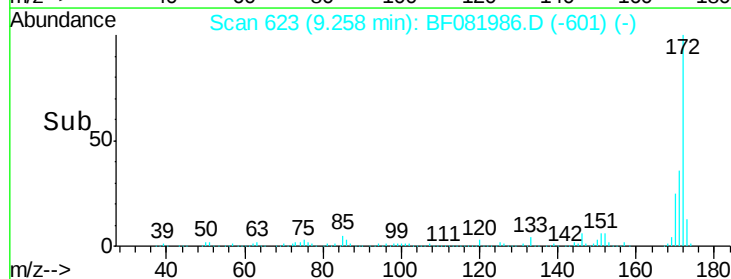
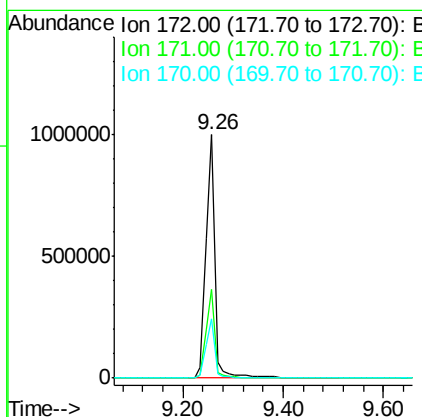
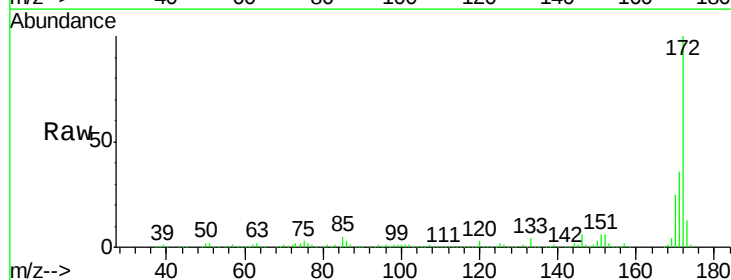
Instrument :
 BNA_F
 ClientSampleId :
 A2-COMPRE

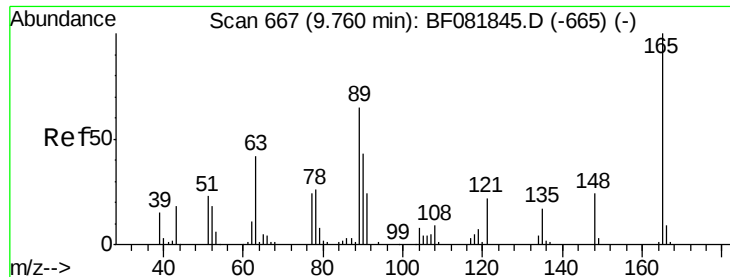
Tgt Ion:330 Resp: 310186
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 29.5 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 114.22 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081986.D
 Acq: 2 Oct 2015 18:34

Tgt Ion:172 Resp: 1253860
 Ion Ratio Lower Upper
 172 100
 171 36.5 26.1 39.1
 170 24.6 17.4 26.2

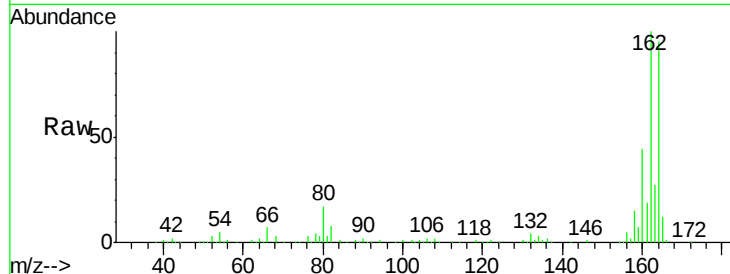




#50
 2,6-Dinitrotoluene
 Concen: 8.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. 0.17 min
 Lab File: BF081986.D
 Acq: 2 Oct 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 A2-COMPRE

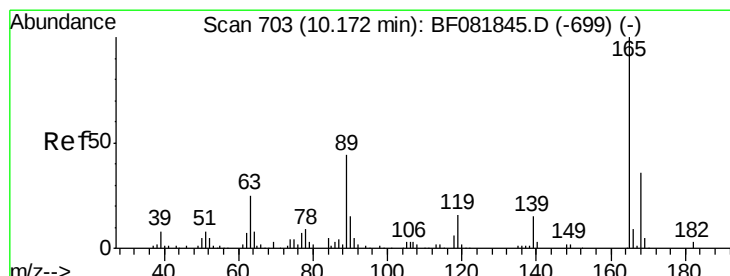
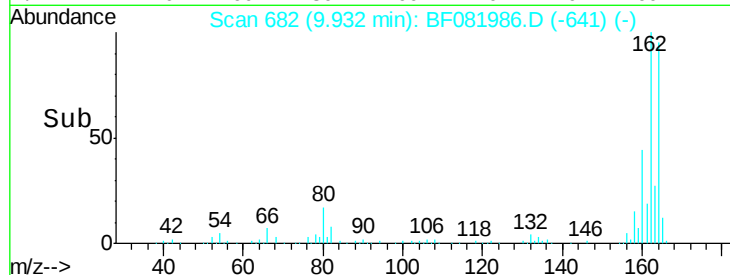
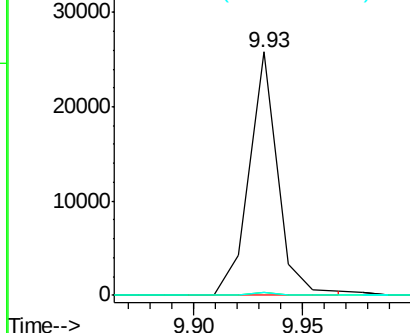
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	32.3	48.5#
89	1.4	28.6	43.0#



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



#56
 2,4-Dinitrotoluene
 Concen: 6.33 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.24 min
 Lab File: BF081986.D
 Acq: 2 Oct 2015 18:34

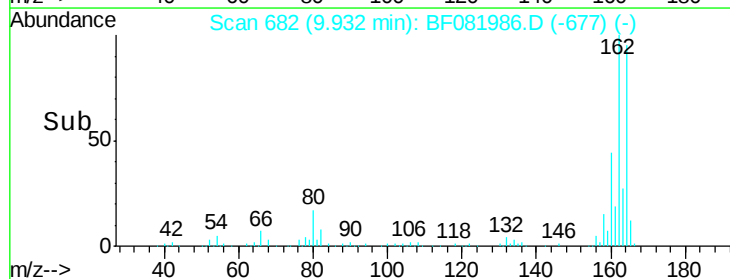
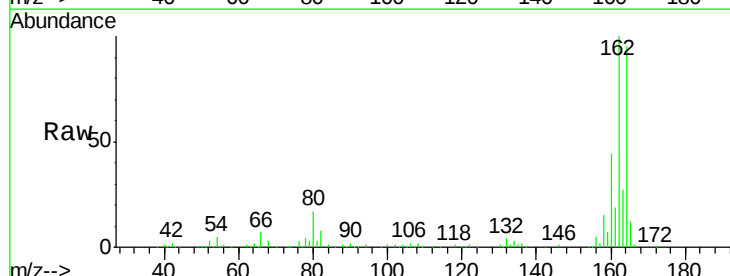
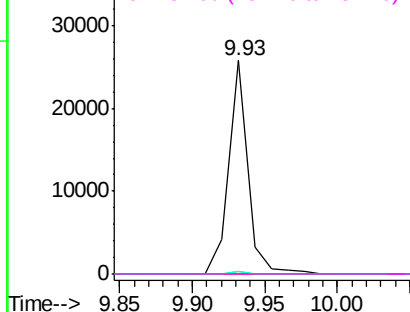
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	29.8	44.6#
89	1.4	44.5	66.7#
182	0.0	3.0	4.4#

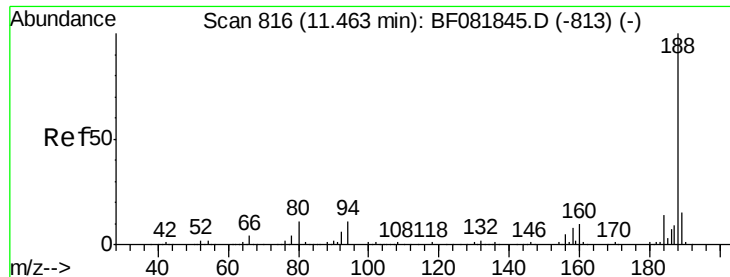
Abundance Ion 165.00 (164.70 to 165.70): E

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

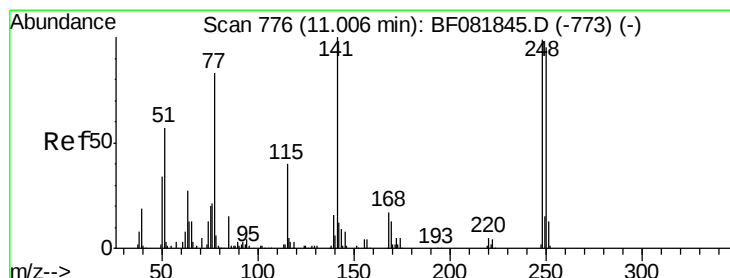
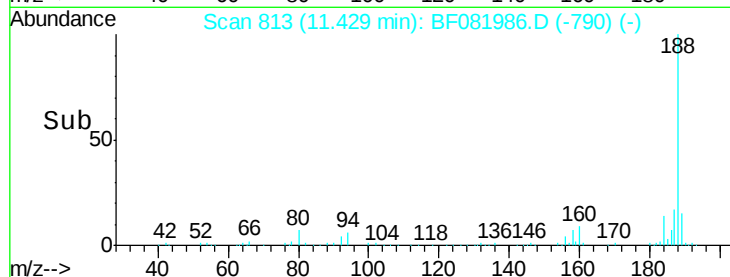
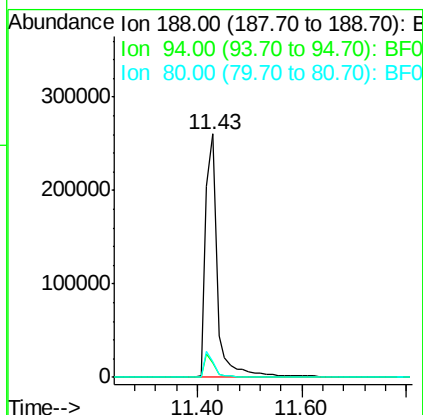
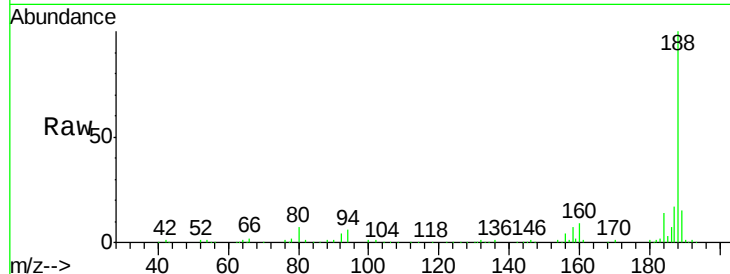




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.43 min Scan# 813
 Delta R.T. -0.03 min
 Lab File: BF081986.D
 Acq: 2 Oct 2015 18:34

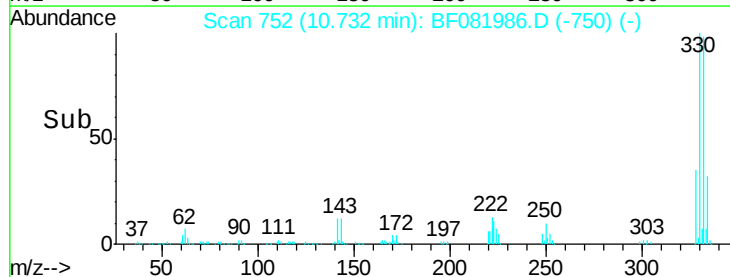
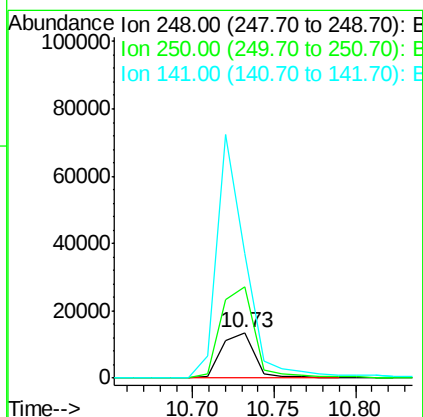
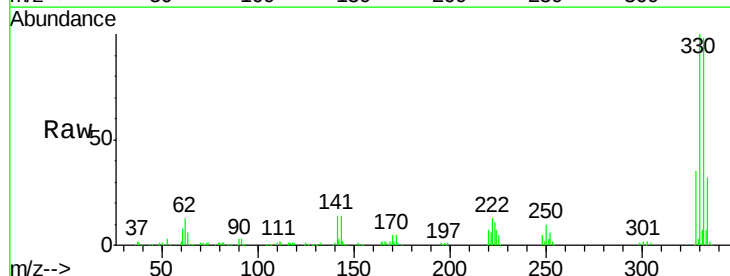
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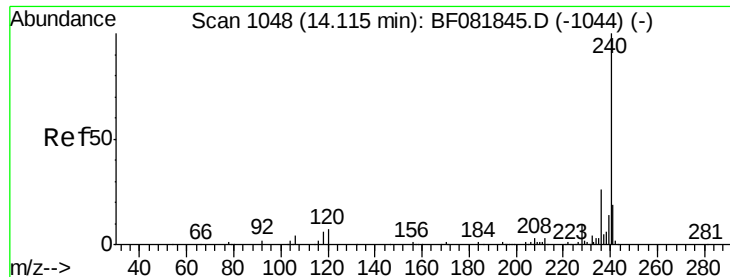
Tgt Ion:188 Resp: 410846
 Ion Ratio Lower Upper
 188 100
 94 6.2 11.1 16.7#
 80 6.6 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 4.56 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.27 min
 Lab File: BF081986.D
 Acq: 2 Oct 2015 18:34

Tgt Ion:248 Resp: 18883
 Ion Ratio Lower Upper
 248 100
 250 200.4 78.5 117.7#
 141 275.7 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF081986.D

Acq: 2 Oct 2015 18:34

Instrument :

BNA_F

ClientSampleId :

A2-COMPRE

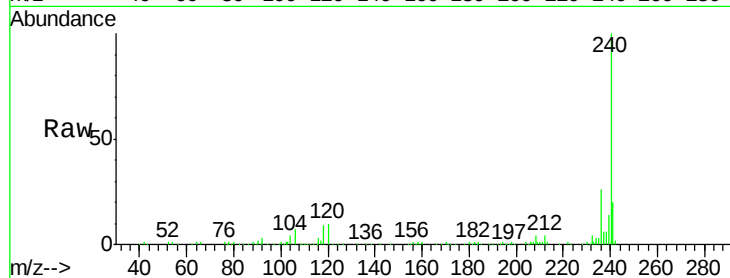
Tgt Ion:240 Resp: 395279

Ion Ratio Lower Upper

240 100

120 10.4 16.2 24.2#

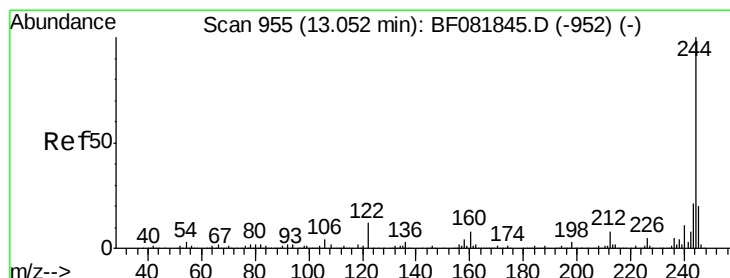
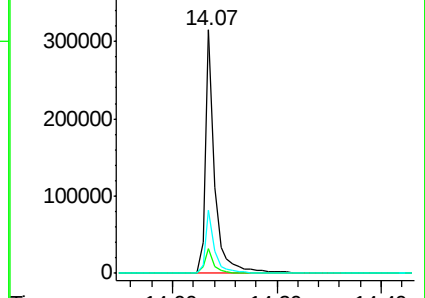
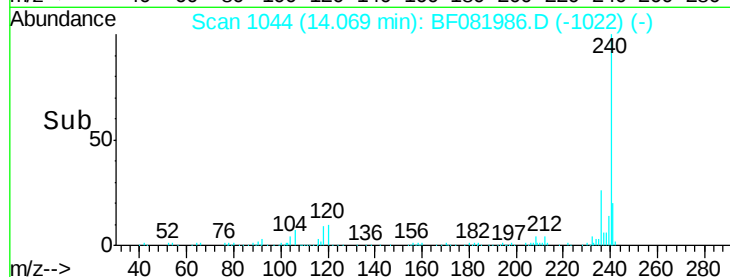
236 26.0 18.4 27.6



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: 118.39 ng

RT: 13.02 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF081986.D

Acq: 2 Oct 2015 18:34

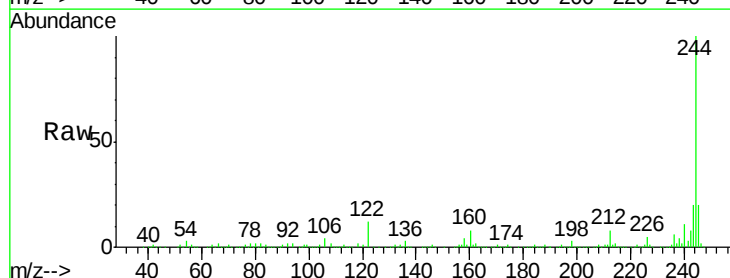
Tgt Ion:244 Resp: 1295831

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

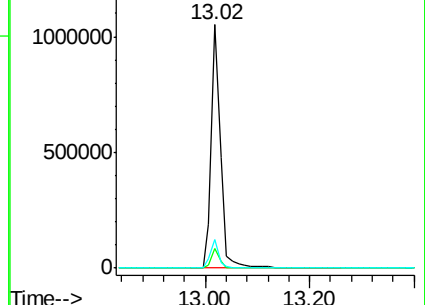
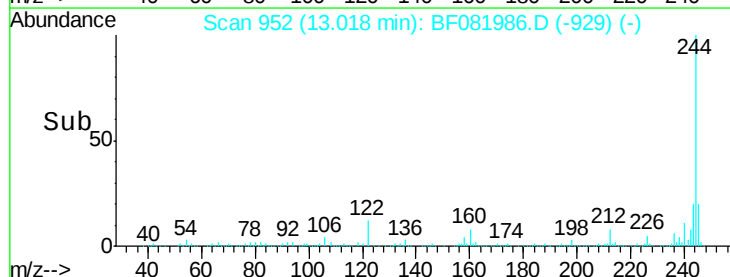
122 11.8 17.4 26.2#

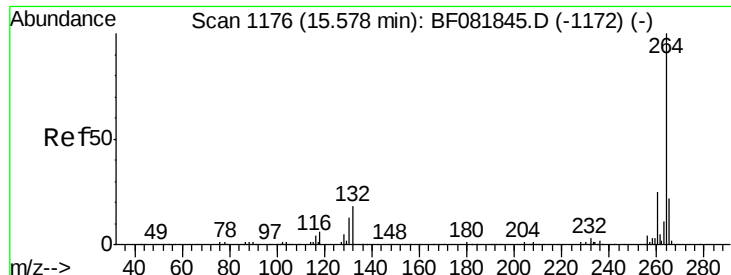


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

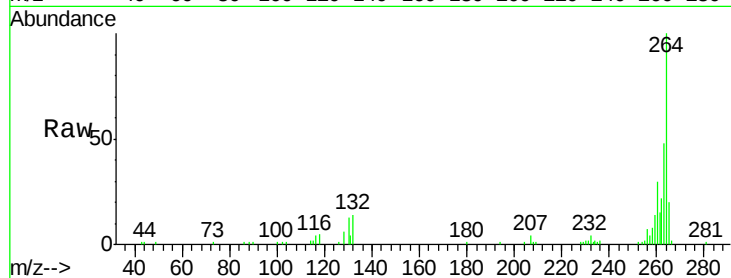




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1172
Delta R.T. -0.05 min
Lab File: BF081986.D
Acq: 2 Oct 2015 18:34

Instrument :
BNA_F
ClientSampleId :
A2-COMPRE

Tgt Ion: 264 Resp: 115757
Ion Ratio Lower Upper
264 100
260 30.3 16.7 25.1#
265 20.1 17.2 25.8



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

