

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085665.D
 Acq On : 22 Mar 2016 18:18
 Operator : UM/SJ
 Sample : PB89079BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89079BL

Quant Time: Mar 22 23:55:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

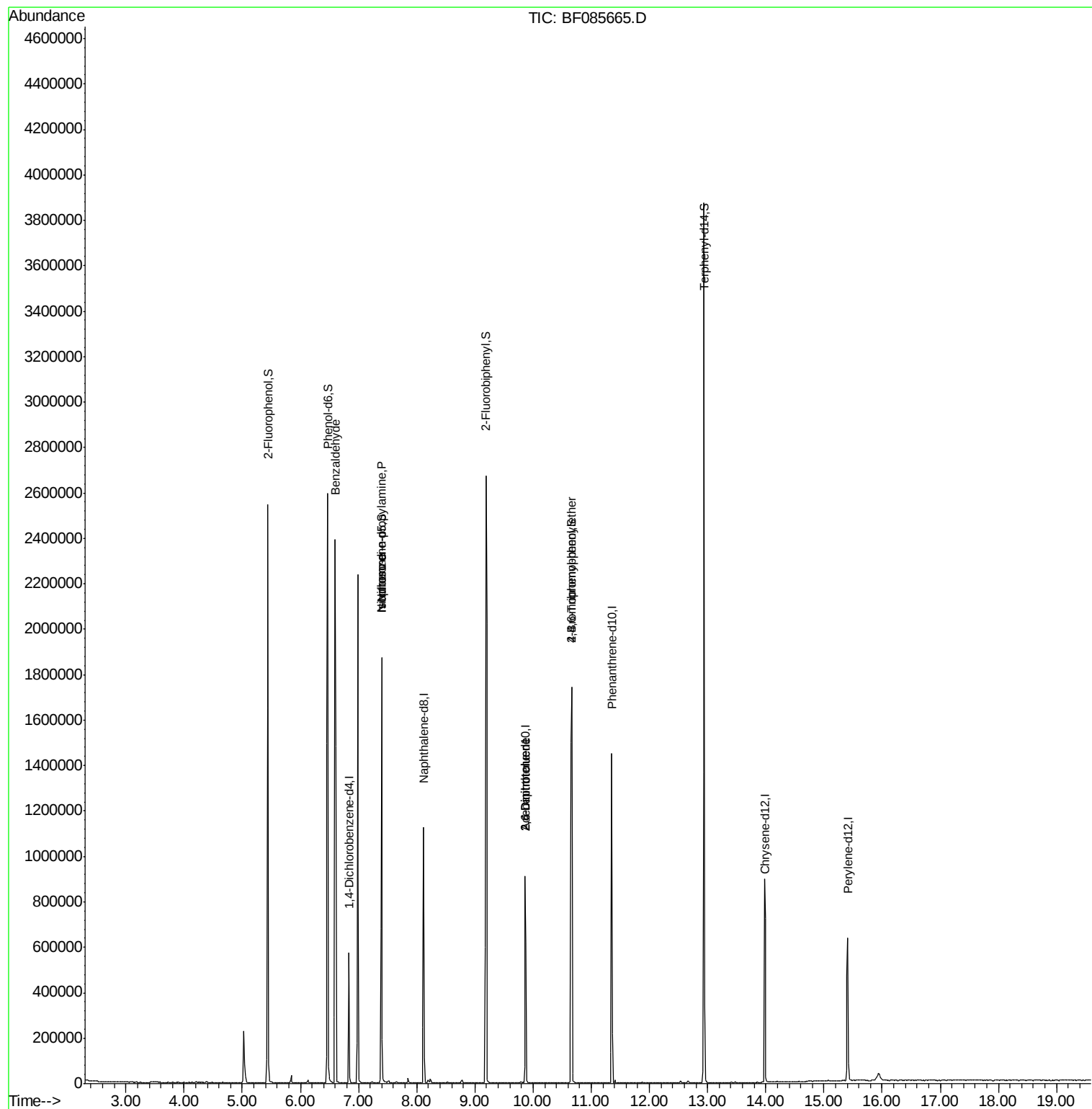
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	121157	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	512453	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	235546	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	492371	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	425554	20.00	ng	-0.02
86) Perylene-d12	15.41	264	311393	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	935799	129.73	ng	-0.01
7) Phenol-d6	6.47	99	1133561	122.53	ng	-0.02
23) Nitrobenzene-d5	7.40	82	684041	77.48	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	352303	152.69	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	1277443	95.45	ng	-0.03
78) Terphenyl-d14	12.94	244	1288182	72.84	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.60	77	18671	2.12	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.40	70	90785	16.43	ng	# 78
25) Isophorone	7.40	82	510127	28.86	ng	# 68
50) 2,6-Dinitrotoluene	9.86	165	29192	7.78	ng	# 19
56) 2,4-Dinitrotoluene	9.86	165	29194	5.94	ng	# 37
66) 4-Bromophenyl-phenylether	10.66	248	21871	4.45	ng	# 1

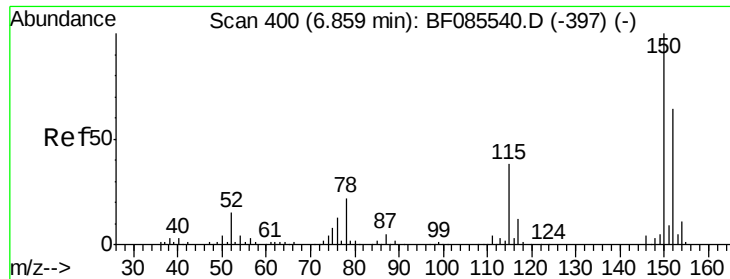
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF085665.D

Acq: 22 Mar 2016 18:18

Instrument :

BNA_F

ClientSampleId :

PB89079BL

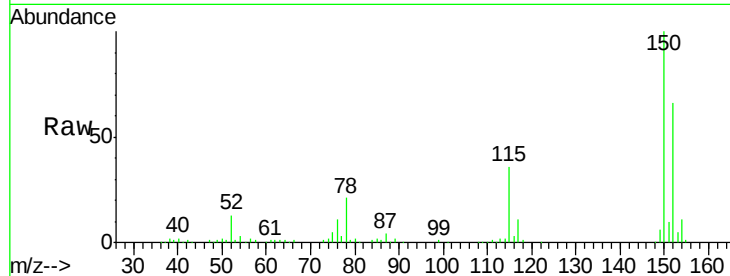
Tgt Ion:152 Resp: 121157

Ion Ratio Lower Upper

152 100

150 150.5 124.2 186.2

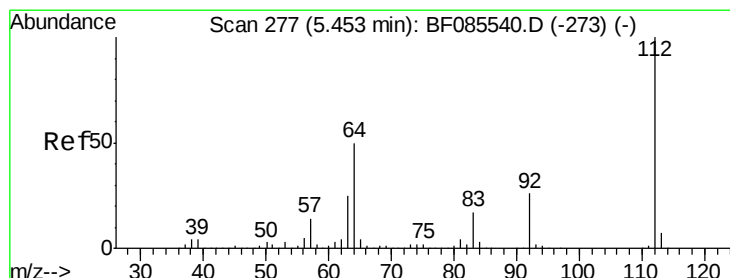
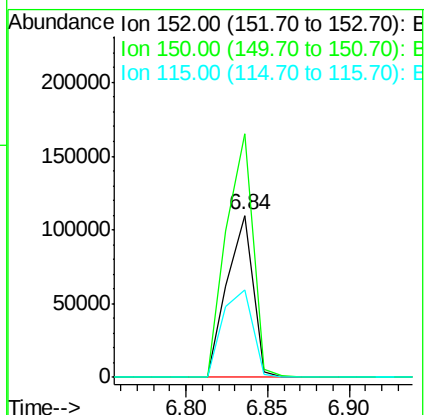
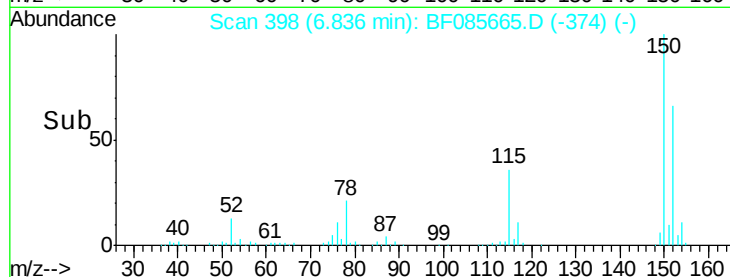
115 54.0 47.0 70.6



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: 129.73 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085665.D

Acq: 22 Mar 2016 18:18

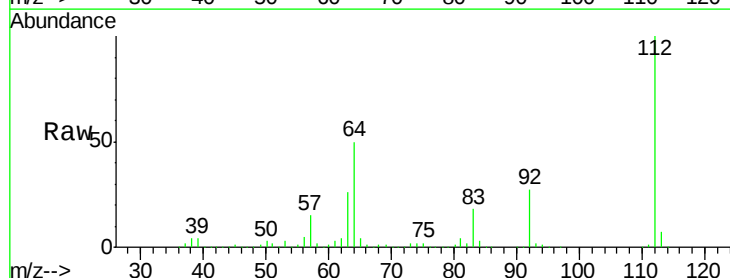
Tgt Ion:112 Resp: 935799

Ion Ratio Lower Upper

112 100

64 50.3 39.9 59.9

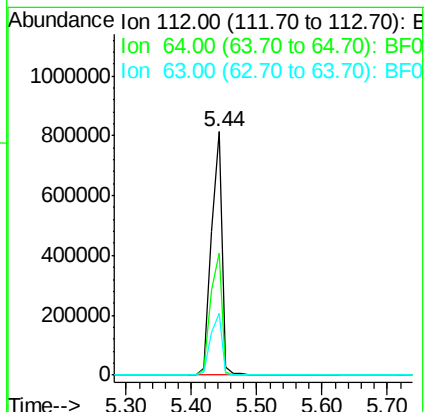
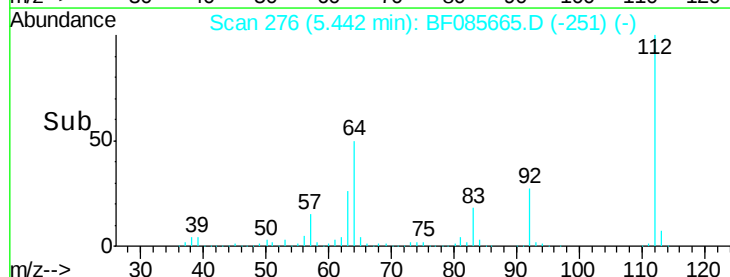
63 25.7 20.2 30.2



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: 122.53 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085665.D

Acq: 22 Mar 2016 18:18

Instrument :

BNA_F

ClientSampleId :

PB89079BL

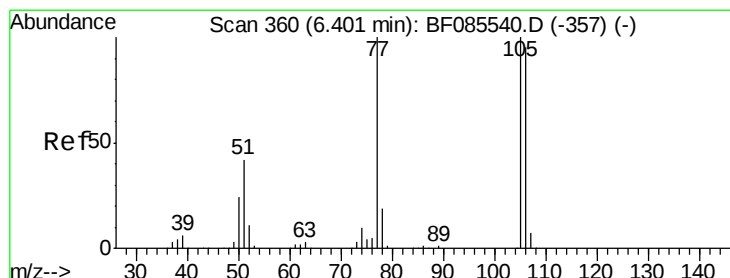
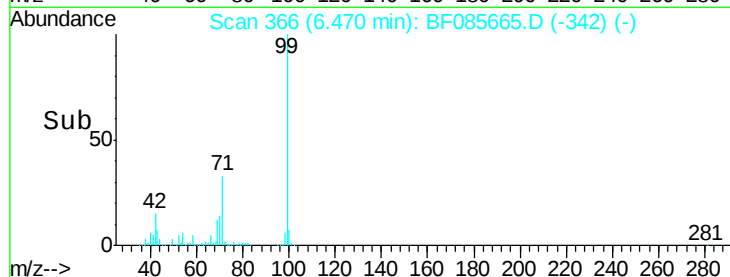
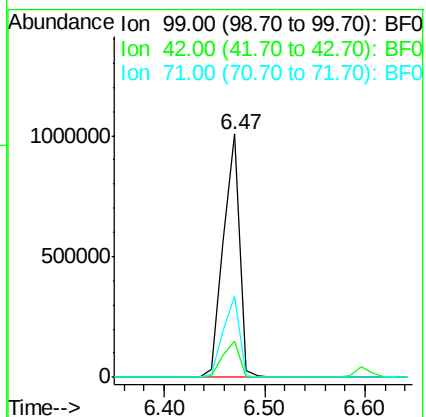
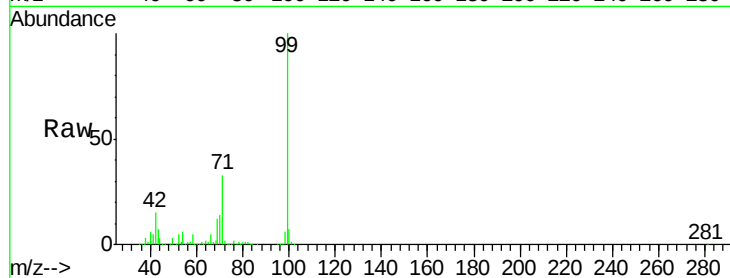
Tgt Ion: 99 Resp: 1133561

Ion Ratio Lower Upper

99 100

42 14.7 11.1 16.7

71 33.1 24.9 37.3



#9

Benzaldehyde

Concen: 2.12 ng

RT: 6.60 min Scan# 377

Delta R.T. 0.19 min

Lab File: BF085665.D

Acq: 22 Mar 2016 18:18

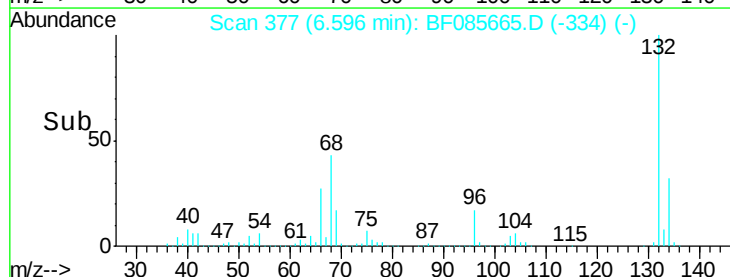
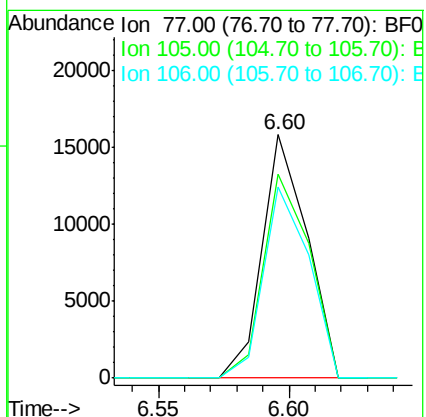
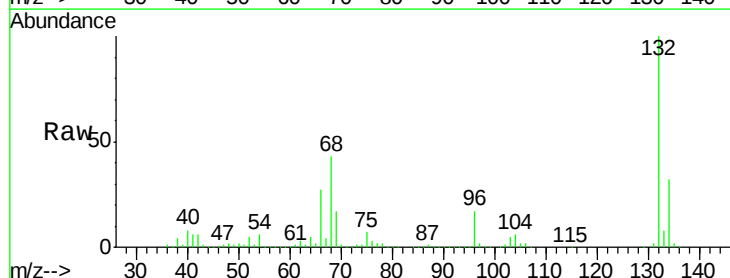
Tgt Ion: 77 Resp: 18671

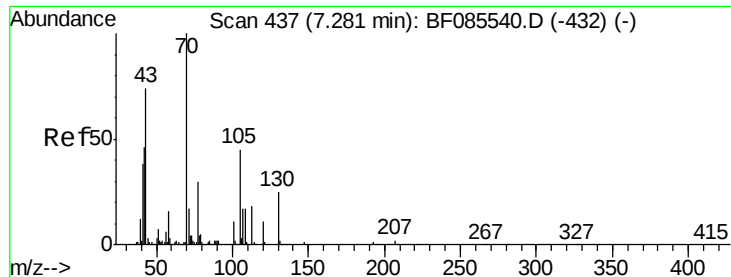
Ion Ratio Lower Upper

77 100

105 84.0 80.1 120.1

106 78.8 75.0 115.0





#19

n-Nitroso-di-n-propylamine

Concen: 16.43 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.11 min

Lab File: BF085665.D

Acq: 22 Mar 2016 18:18

Instrument :

BNA_F

ClientSampleId :

PB89079BL

Tgt Ion: 70 Resp: 90785

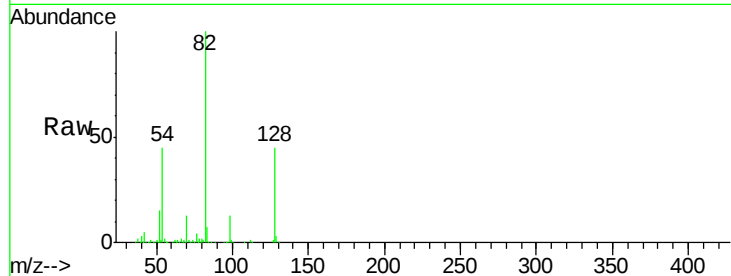
Ion Ratio Lower Upper

70 100

42 40.1 37.1 55.7

101 0.0 8.6 12.8#

130 2.3 19.6 29.4#

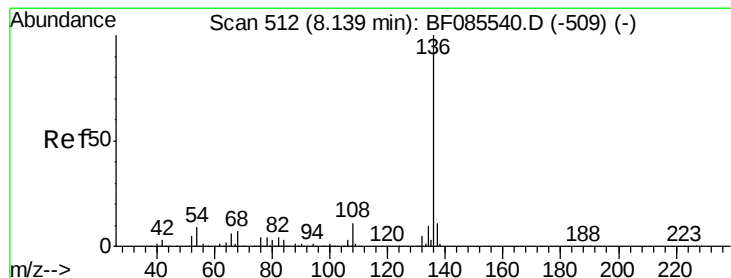
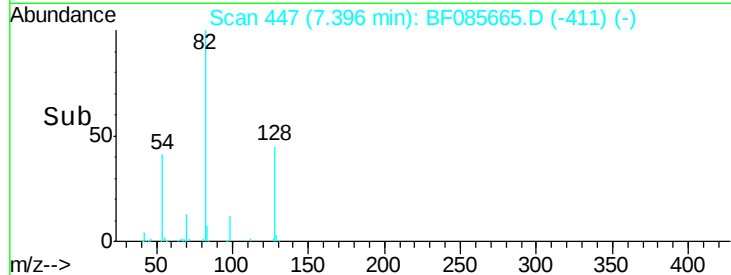
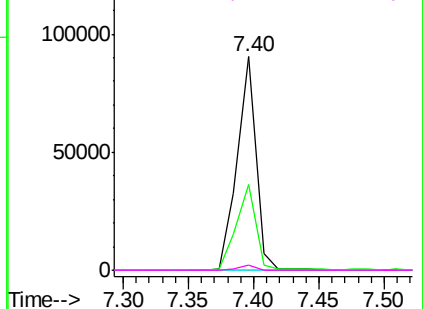


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.12 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF085665.D

Acq: 22 Mar 2016 18:18

Tgt Ion: 136 Resp: 512453

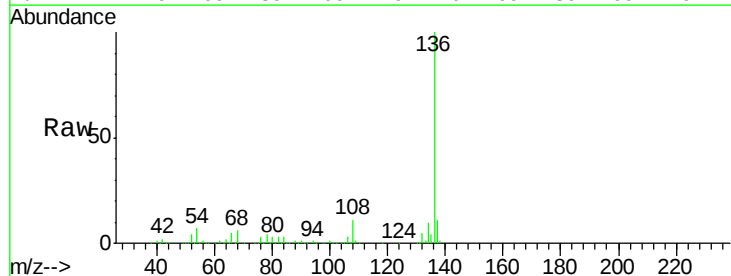
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.9 7.4 11.0#

68 5.7 5.8 8.8#

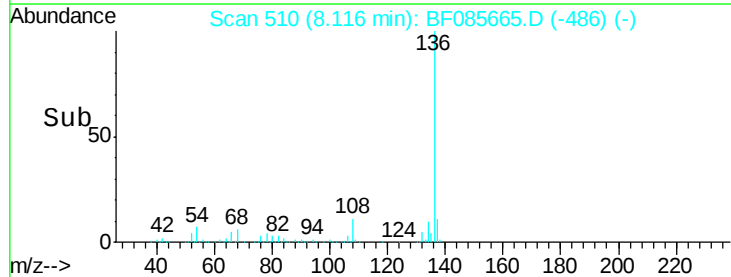
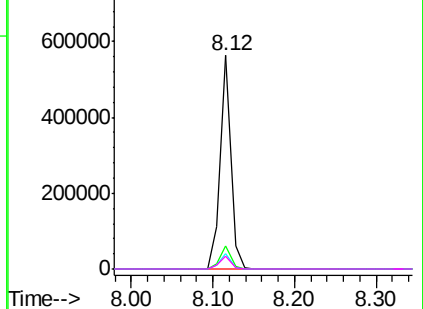


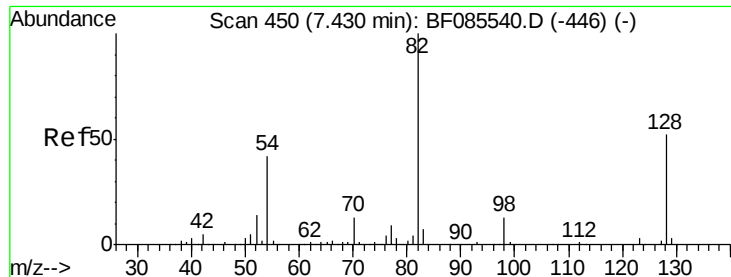
Abundance Ion 136.00 (135.70 to 136.70): E

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

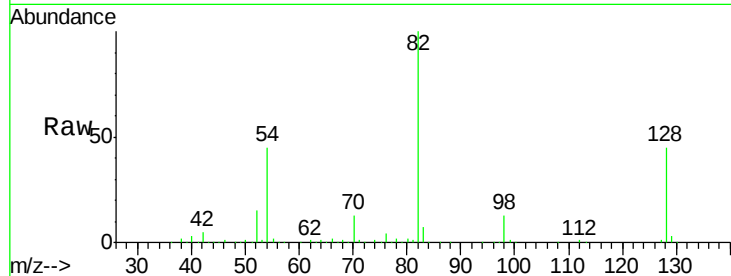




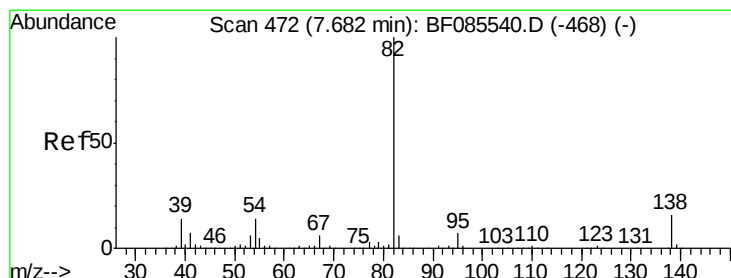
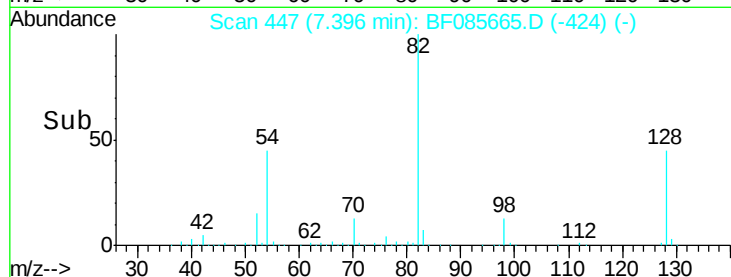
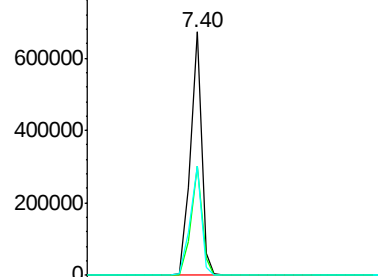
#23
 Nitrobenzene-d5
 Concen: 77.48 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.03 min
 Lab File: BF085665.D
 Acq: 22 Mar 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB89079BL

Tgt Ion: 82 Resp: 684041
 Ion Ratio Lower Upper
 82 100
 128 45.1 41.8 62.8
 54 45.1 33.4 50.0

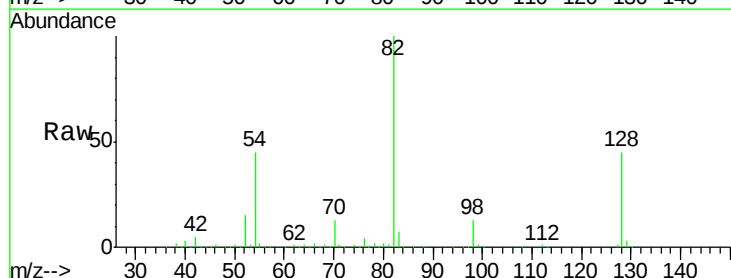


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

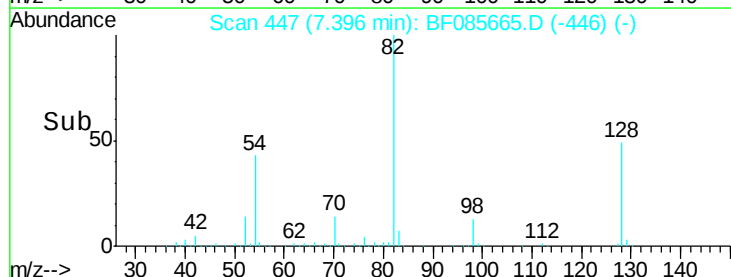
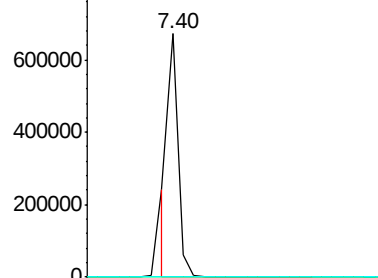


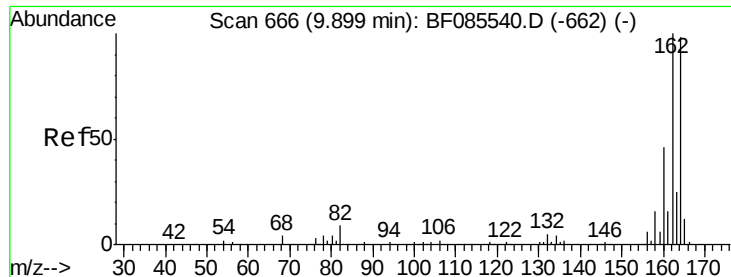
#25
 Isophorone
 Concen: 28.86 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.29 min
 Lab File: BF085665.D
 Acq: 22 Mar 2016 18:18

Tgt Ion: 82 Resp: 510127
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 12.9 19.3#



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: 9.86 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF085665.D

Acq: 22 Mar 2016 18:18

Instrument :

BNA_F

ClientSampled :

PB89079BL

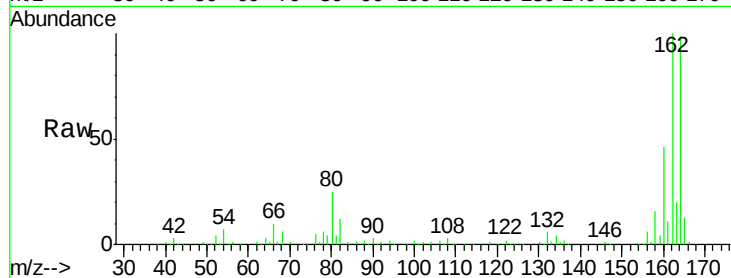
Tgt Ion:164 Resp: 23546

Ion Ratio Lower Upper

164 100

162 101.2 82.1 123.1

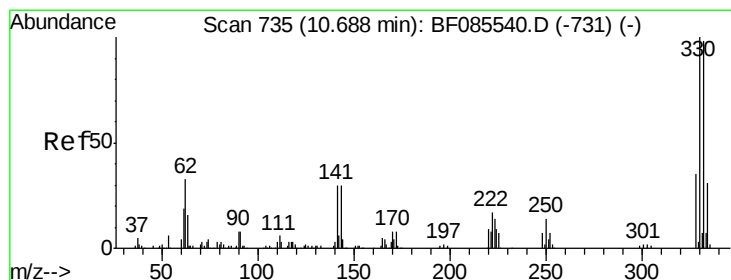
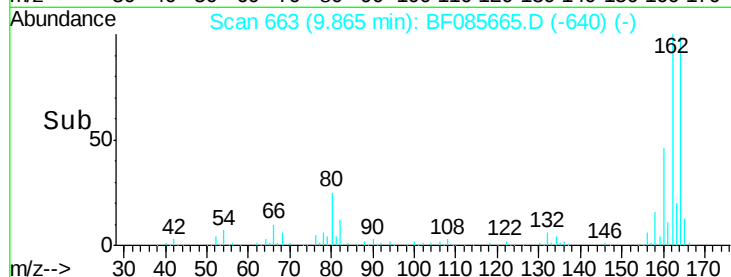
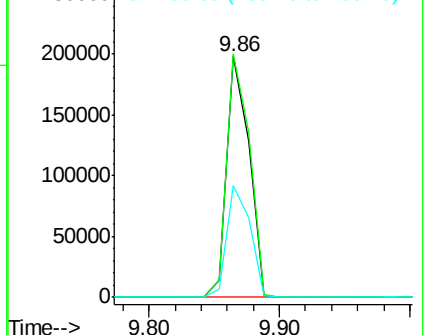
160 46.3 37.4 56.2



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: 152.69 ng

RT: 10.66 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF085665.D

Acq: 22 Mar 2016 18:18

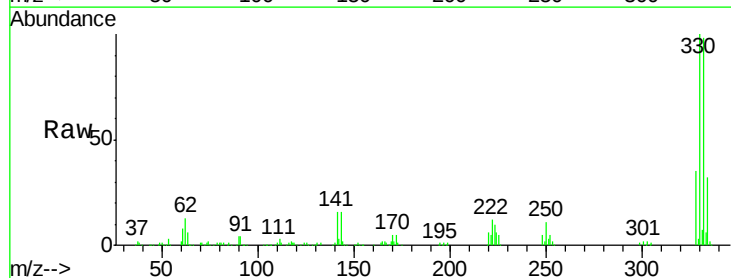
Tgt Ion:330 Resp: 352303

Ion Ratio Lower Upper

330 100

332 96.7 78.2 117.2

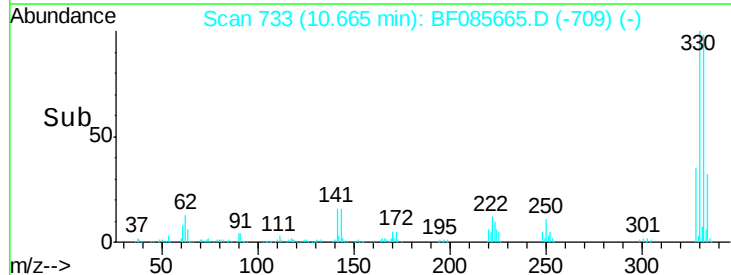
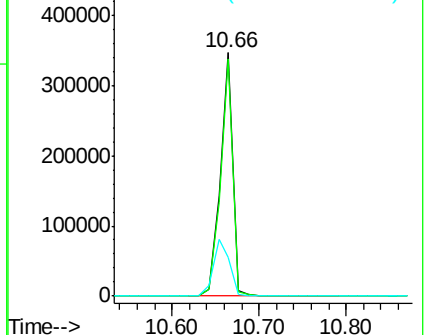
141 30.3 31.5 47.3#

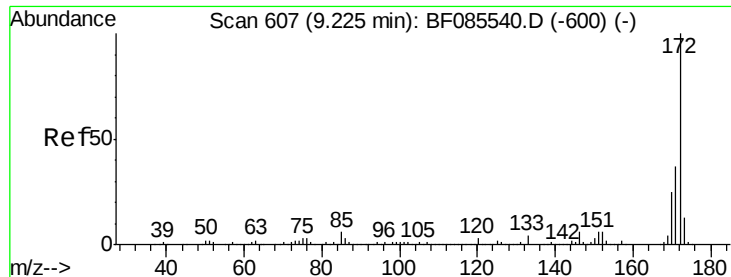


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

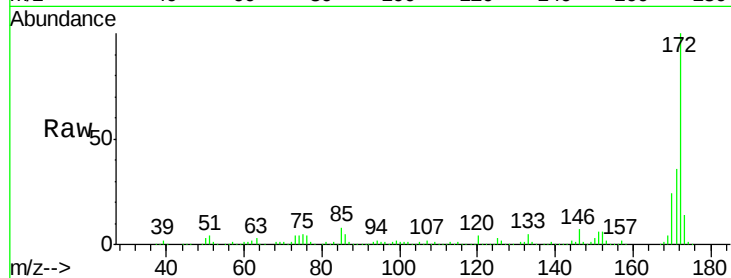




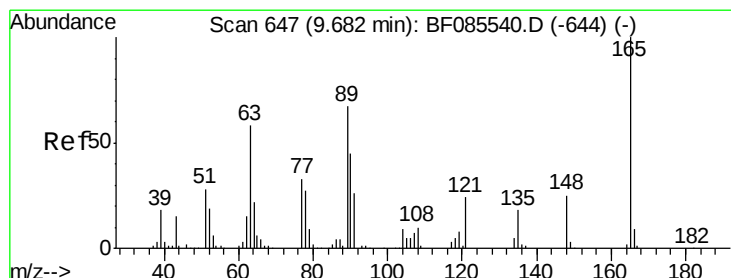
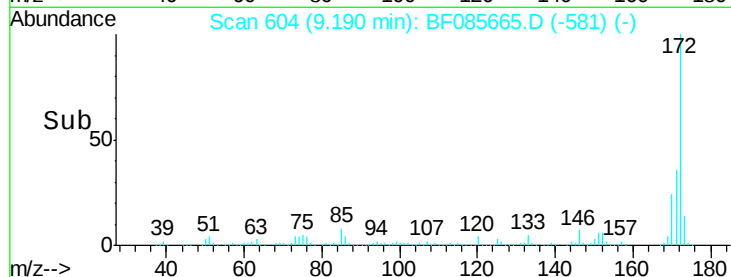
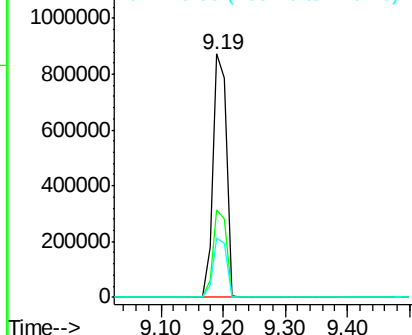
#44
 2-Fluorobiphenyl
 Concen: 95.45 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF085665.D
 Acq: 22 Mar 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB89079BL

Tgt Ion:172 Resp: 1277443
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.2
 170 24.2 19.8 29.6

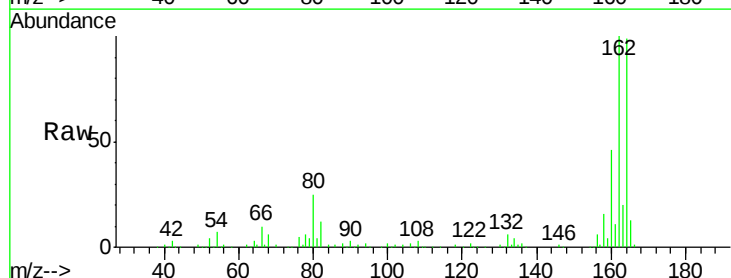


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

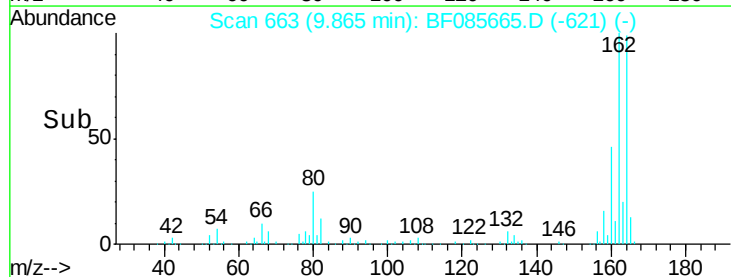
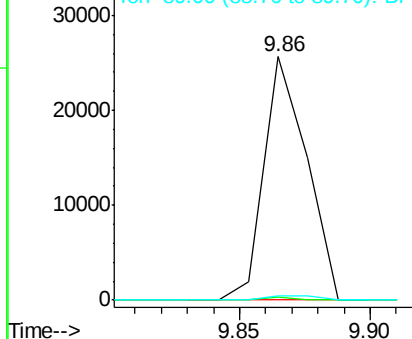


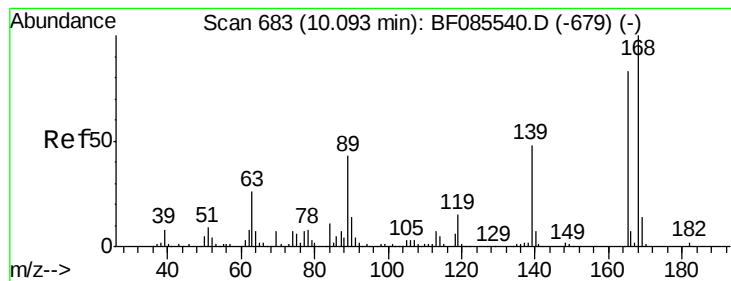
#50
 2,6-Dinitrotoluene
 Concen: 7.78 ng
 RT: 9.86 min Scan# 663
 Delta R.T. 0.18 min
 Lab File: BF085665.D
 Acq: 22 Mar 2016 18:18

Tgt Ion:165 Resp: 29192
 Ion Ratio Lower Upper
 165 100
 63 1.2 51.8 77.8#
 89 1.7 53.7 80.5#



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: 5.94 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.23 min

Lab File: BF085665.D

Acq: 22 Mar 2016 18:18

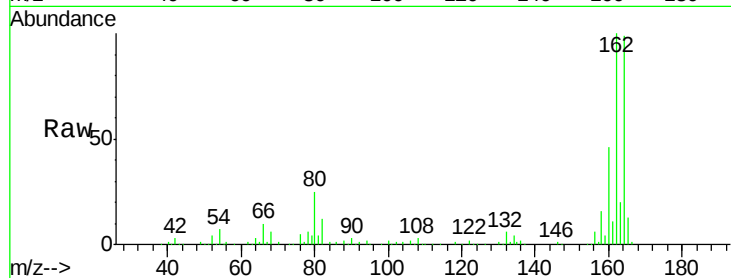
Instrument :

BNA_F

ClientSampleId :

PB89079BL

Tgt Ion:	165	Resp:	29194
Ion Ratio	Lower	Upper	
165	100		
63	1.2	24.9	37.3#
89	1.7	41.0	61.6#
182	0.0	2.1	3.1#

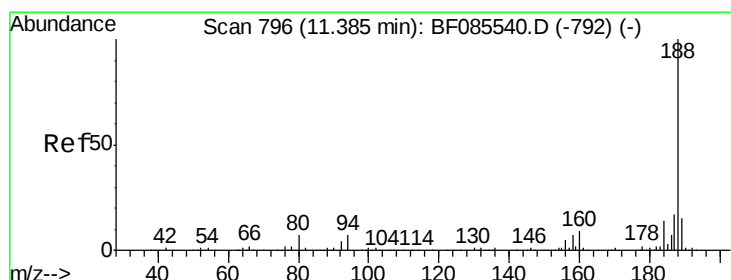
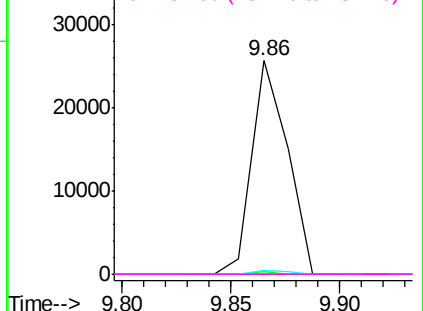
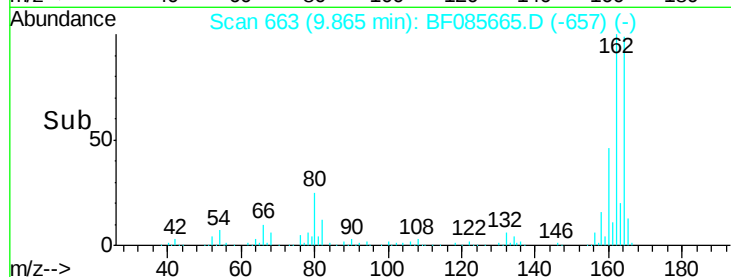


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

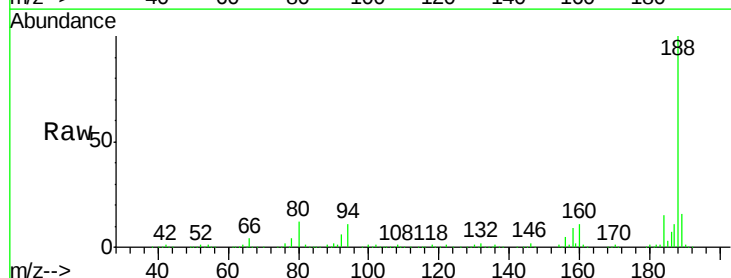
RT: 11.35 min Scan# 793

Delta R.T. -0.03 min

Lab File: BF085665.D

Acq: 22 Mar 2016 18:18

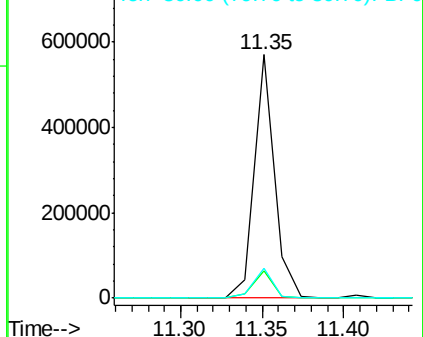
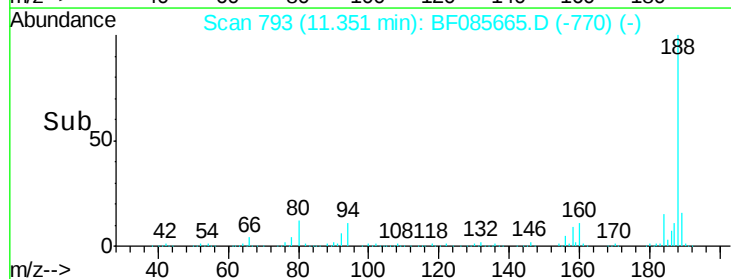
Tgt Ion:	188	Resp:	492371
Ion Ratio	Lower	Upper	
188	100		
94	11.1	5.4	8.0#
80	12.1	5.5	8.3#

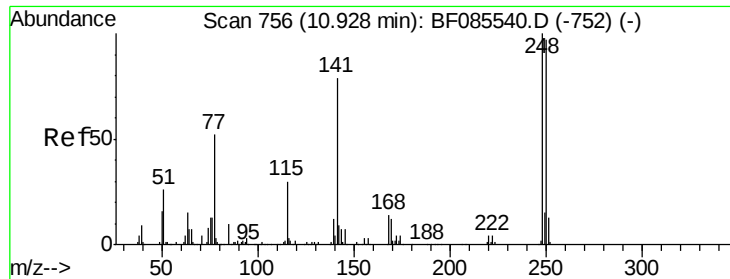


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

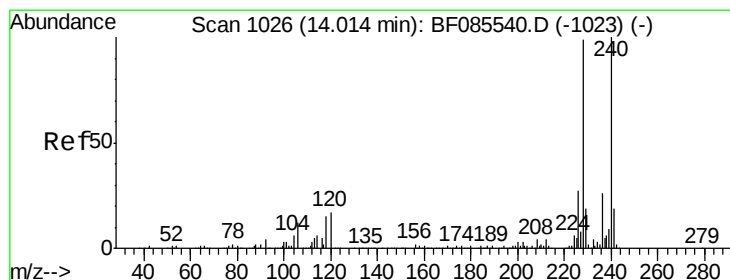
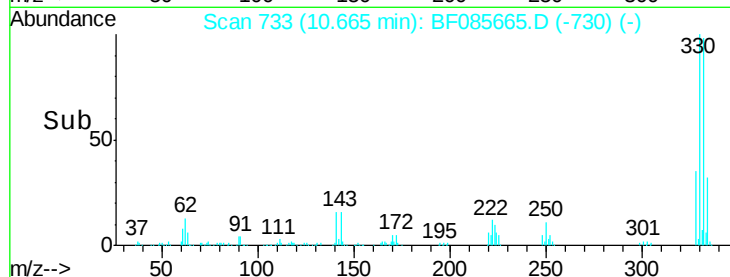
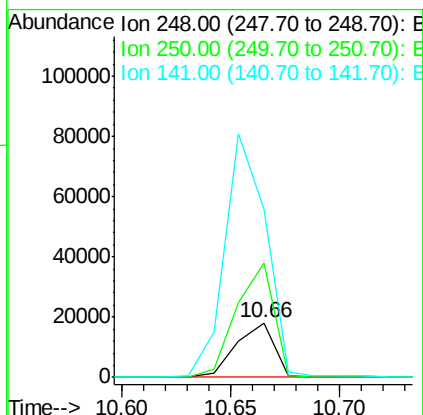
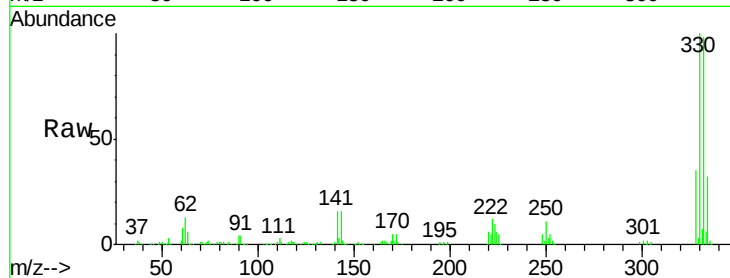




#66
 4-Bromophenyl-phenylether
 Concen: 4.45 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.26 min
 Lab File: BF085665.D
 Acq: 22 Mar 2016 18:18

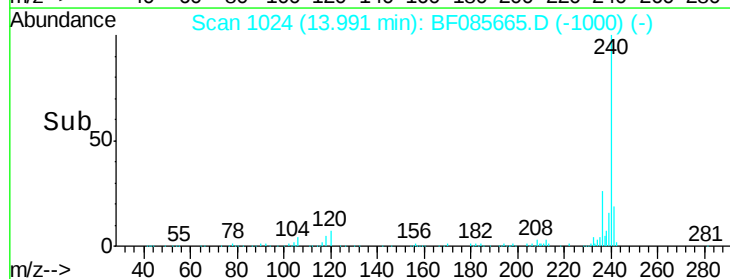
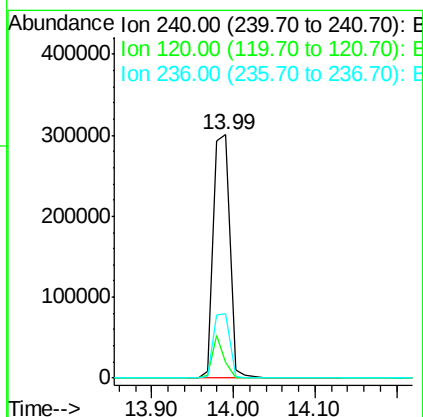
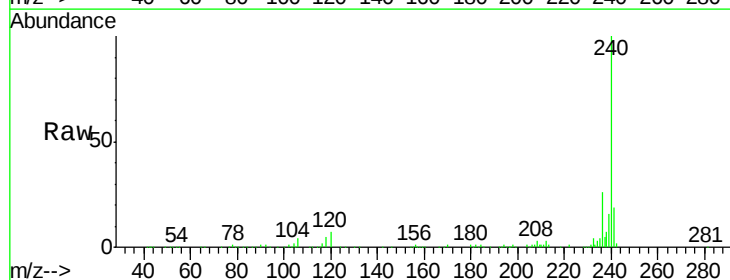
Instrument :
 BNA_F
 ClientSampleId :
 PB89079BL

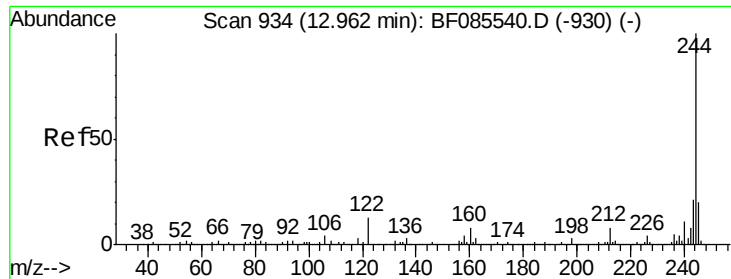
Tgt Ion:248 Resp: 21871
 Ion Ratio Lower Upper
 248 100
 250 209.7 77.4 116.0#
 141 310.7 63.6 95.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF085665.D
 Acq: 22 Mar 2016 18:18

Tgt Ion:240 Resp: 425554
 Ion Ratio Lower Upper
 240 100
 120 6.7 13.8 20.8#
 236 26.3 20.6 30.8

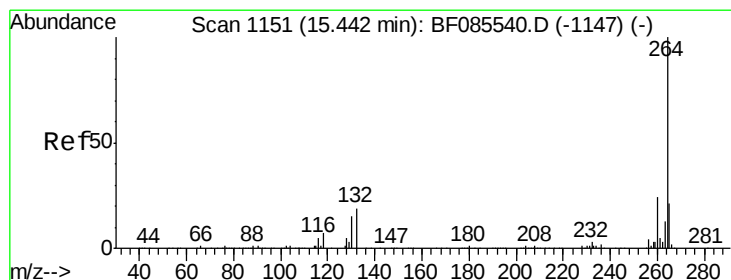
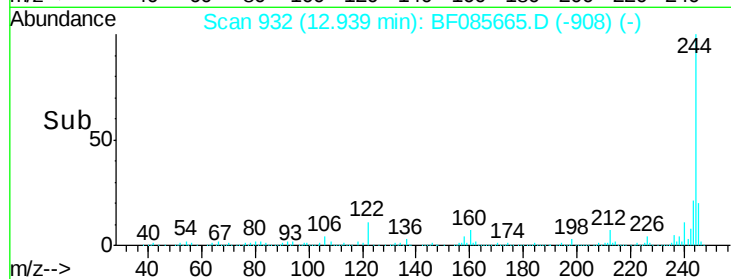
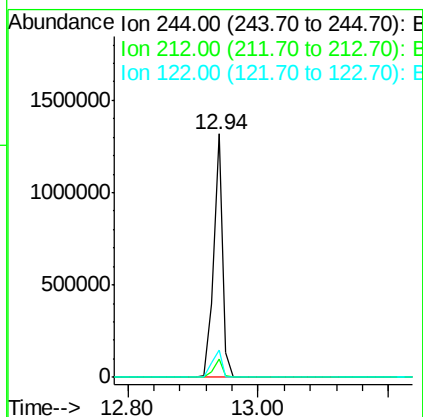
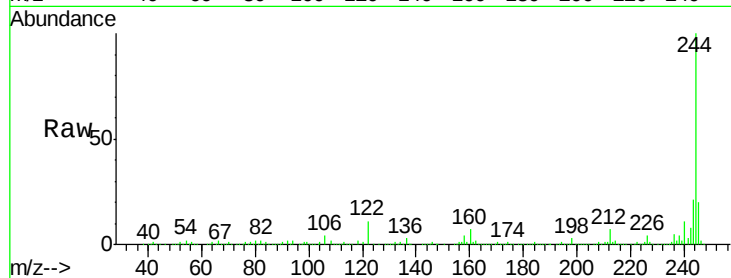




#78
 Terphenyl-d14
 Concen: 72.84 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BF085665.D
 Acq: 22 Mar 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB89079BL

Tgt Ion:244 Resp: 1288182
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 11.4 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1148
 Delta R.T. -0.03 min
 Lab File: BF085665.D
 Acq: 22 Mar 2016 18:18

Tgt Ion:264 Resp: 311393
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.4 29.2
 265 21.5 17.2 25.8

