

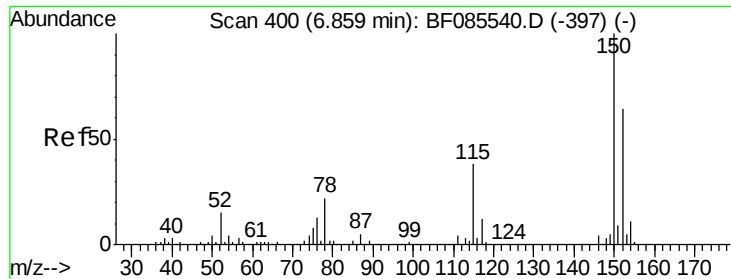
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085581.D
 Acq On : 19 Mar 2016 19:04
 Operator : UM/SJ
 Sample : H1788-04
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(7-8)

Quant Time: Mar 21 00:02:01 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	6.85	152	126588	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	523954	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	230384	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	454015	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	294098	20.00	ng	-0.01
86) Perylene-d12	15.43	264	228238	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	817740	108.50	ng	0.00
7) Phenol-d6	6.48	99	1055698	109.22	ng	-0.01
23) Nitrobenzene-d5	7.42	82	734140	81.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	241522	107.02	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1107531	81.05	ng	-0.01
78) Terphenyl-d14	12.96	244	1205824	98.66	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	96649	16.74	ng	# 76
49) Dimethylphthalate	9.60	163	187835	10.80	ng	99
56) 2,4-Dinitrotoluene	9.89	165	29077	6.05	ng	# 37
66) 4-Bromophenyl-phenylether	10.68	248	15950	3.52	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085581.D

Acq: 19 Mar 2016 19:04

Instrument :

BNA_F

ClientSampleId :

SB-4(7-8)

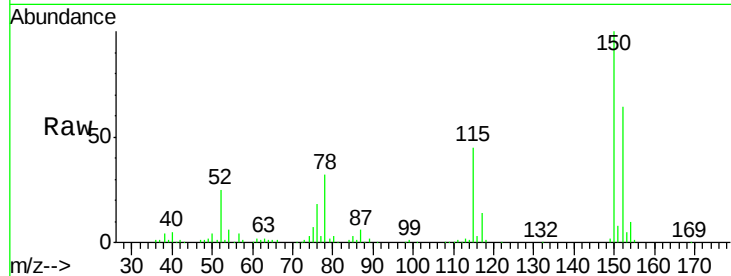
Tgt Ion:152 Resp: 126588

Ion Ratio Lower Upper

152 100

150 157.0 124.2 186.2

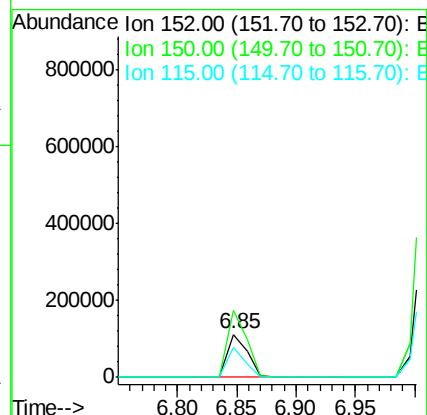
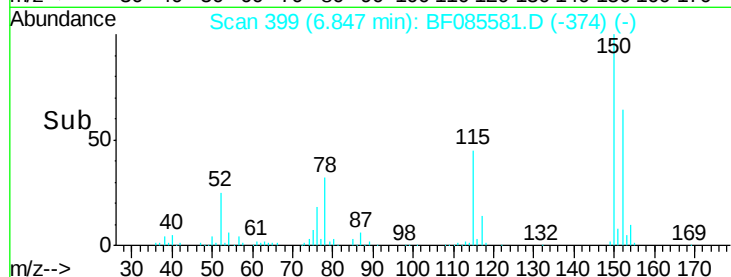
115 70.4 47.0 70.6



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: 108.50 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085581.D

Acq: 19 Mar 2016 19:04

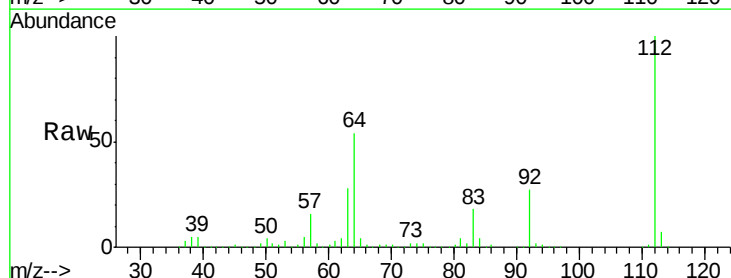
Tgt Ion:112 Resp: 817740

Ion Ratio Lower Upper

112 100

64 54.1 39.9 59.9

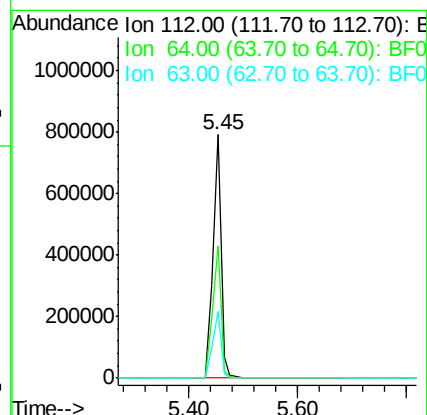
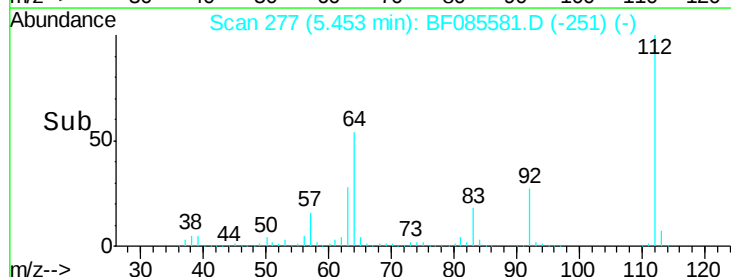
63 27.7 20.2 30.2

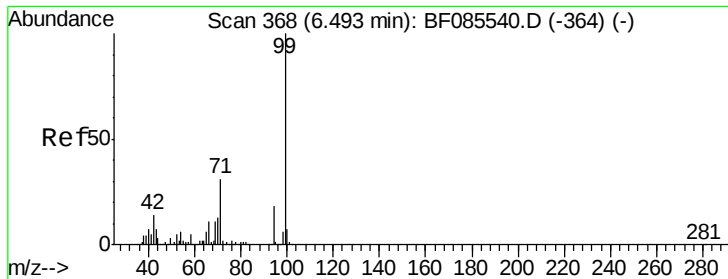


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.22 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085581.D

Acq: 19 Mar 2016 19:04

Instrument :

BNA_F

ClientSampleId :

SB-4(7-8)

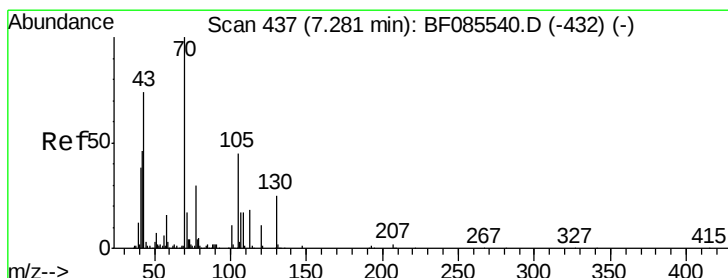
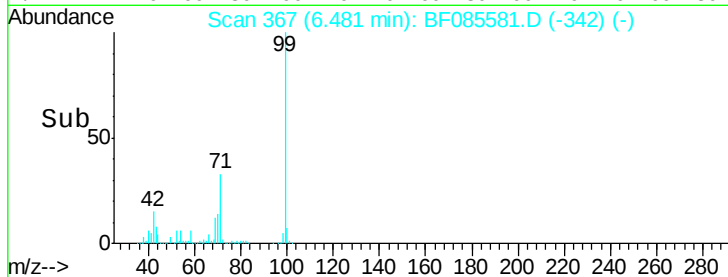
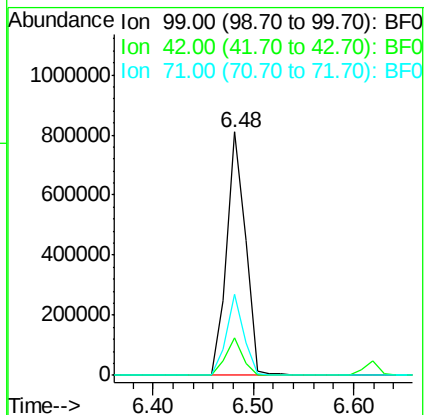
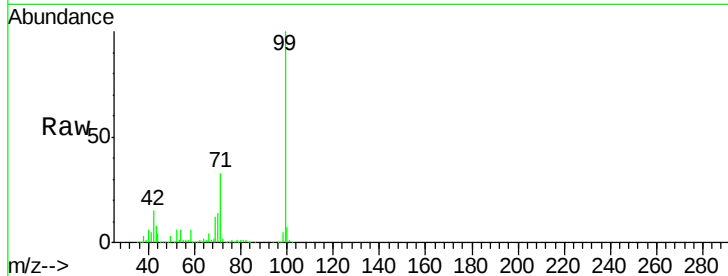
Tgt Ion: 99 Resp: 1055698

Ion Ratio Lower Upper

99 100

42 15.4 11.1 16.7

71 33.2 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.74 ng

RT: 7.42 min Scan# 449

Delta R.T. 0.14 min

Lab File: BF085581.D

Acq: 19 Mar 2016 19:04

Tgt Ion: 70 Resp: 96649

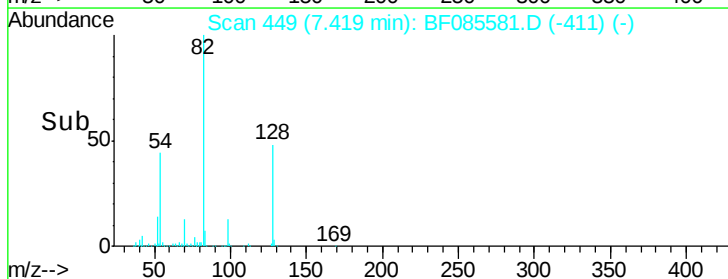
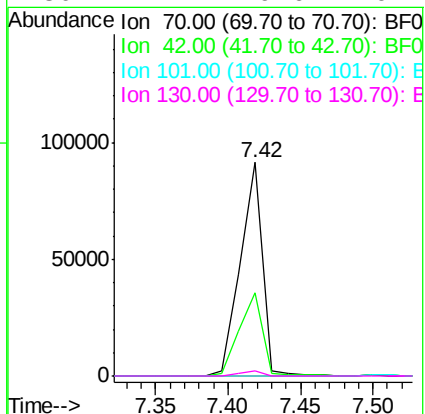
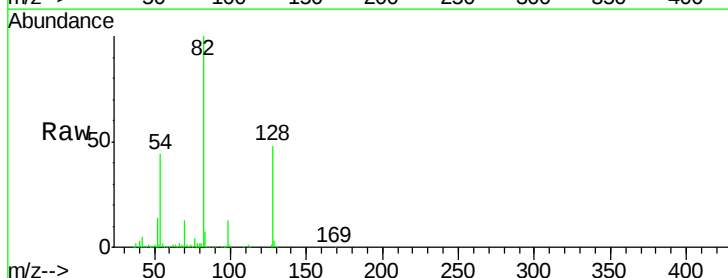
Ion Ratio Lower Upper

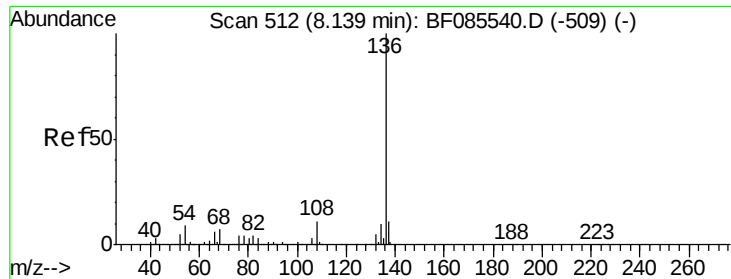
70 100

42 38.9 37.1 55.7

101 0.0 8.6 12.8#

130 2.1 19.6 29.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085581.D

Acq: 19 Mar 2016 19:04

Instrument :

BNA_F

ClientSampleId :

SB-4(7-8)

Tgt Ion:136 Resp: 523954

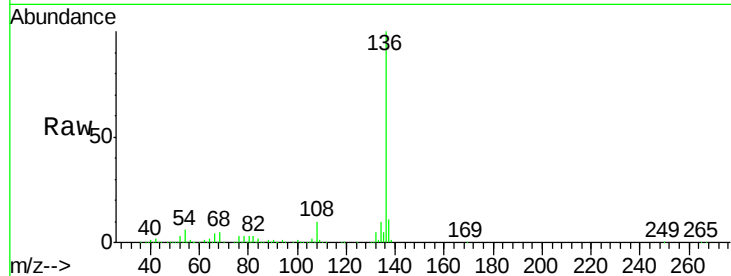
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 5.8 7.4 11.0#

68 4.9 5.8 8.8#

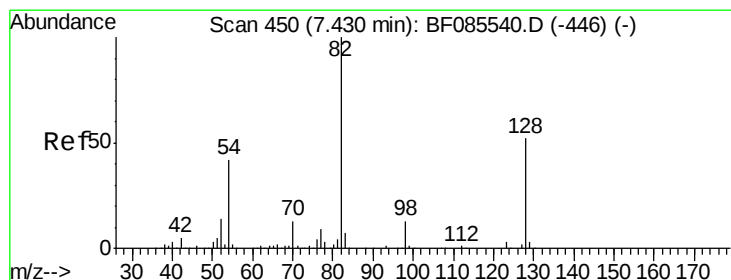
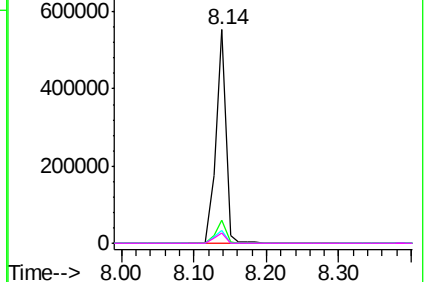
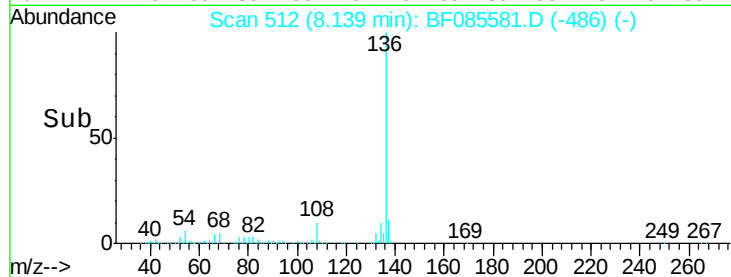


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.33 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF085581.D

Acq: 19 Mar 2016 19:04

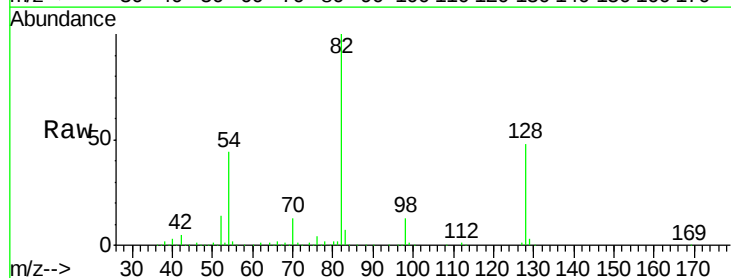
Tgt Ion: 82 Resp: 734140

Ion Ratio Lower Upper

82 100

128 48.2 41.8 62.8

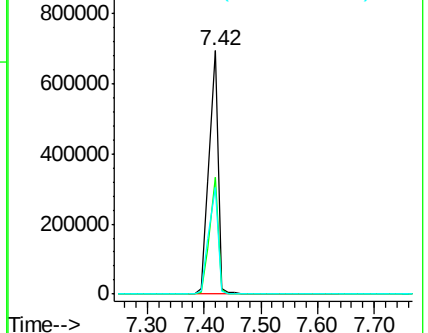
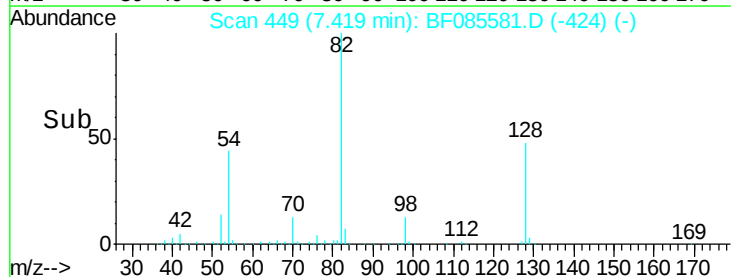
54 43.9 33.4 50.0

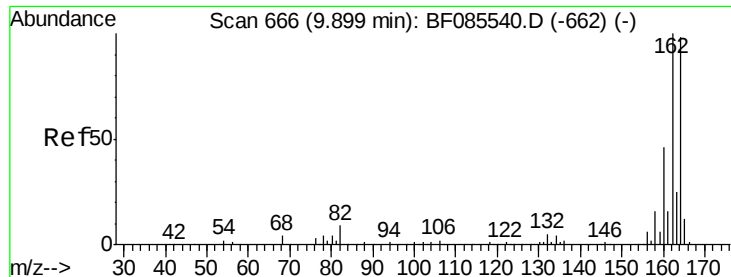


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

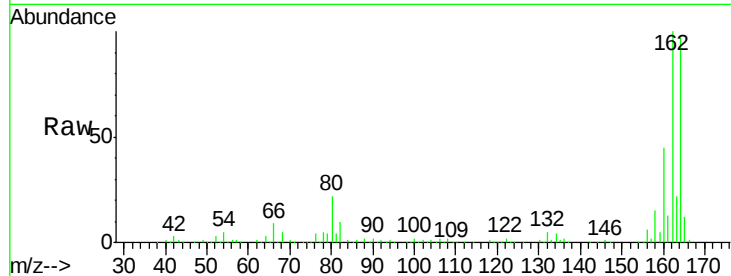




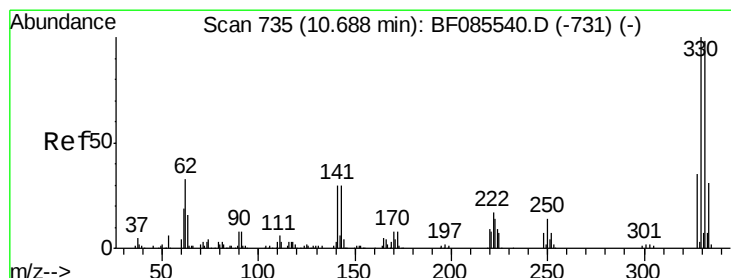
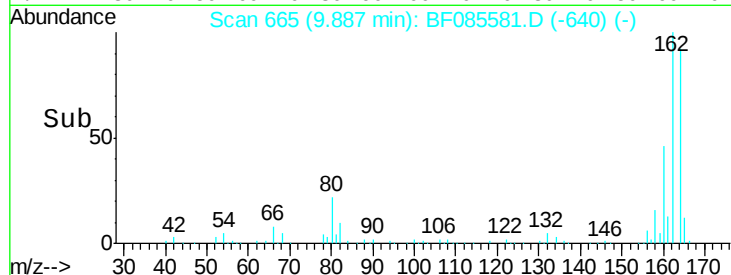
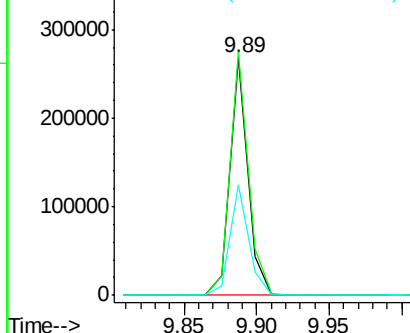
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085581.D
 Acq: 19 Mar 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(7-8)

Tgt Ion:164 Resp: 230384
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.1 123.1
 160 46.5 37.4 56.2

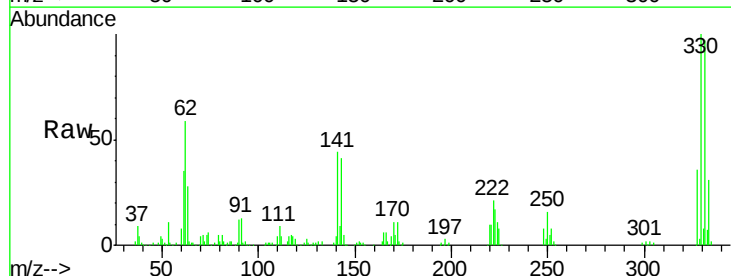


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

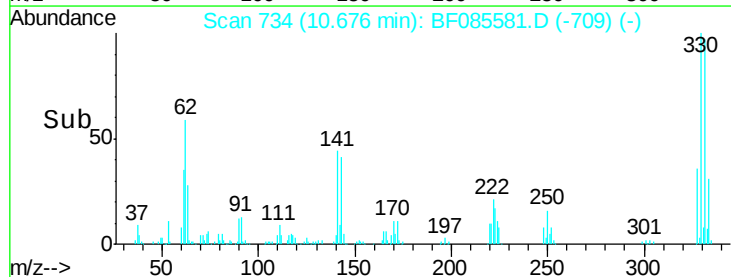
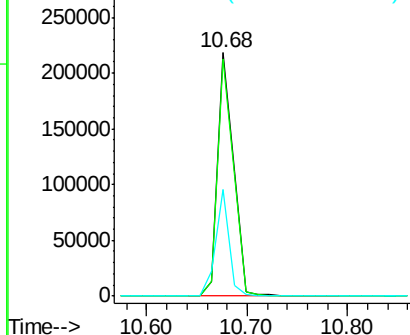


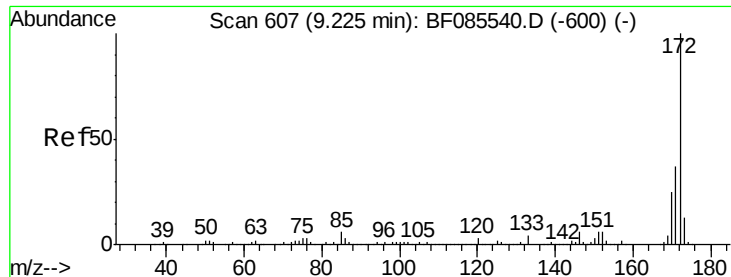
#41
 2,4,6-Tribromophenol
 Concen: 107.02 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085581.D
 Acq: 19 Mar 2016 19:04

Tgt Ion:330 Resp: 241522
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.2 117.2
 141 37.0 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

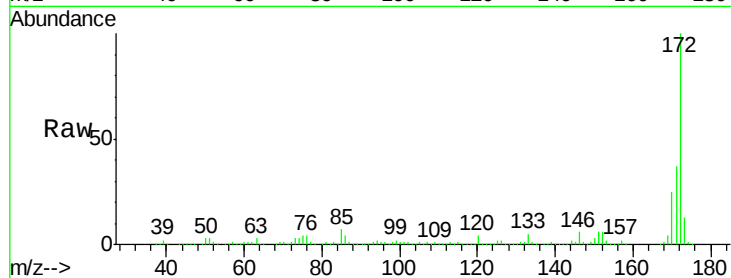




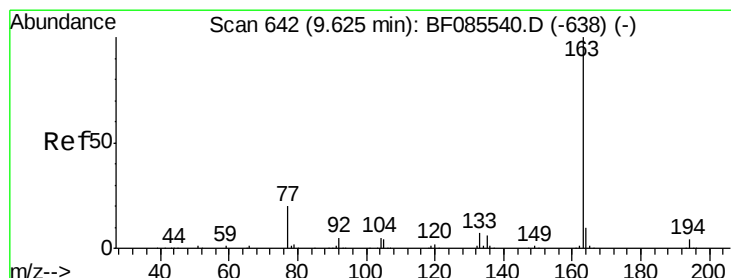
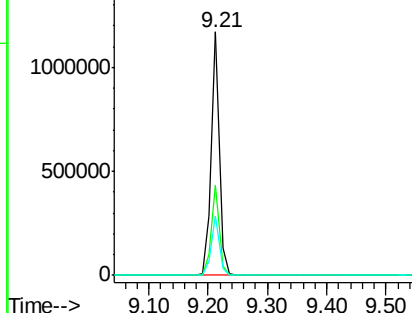
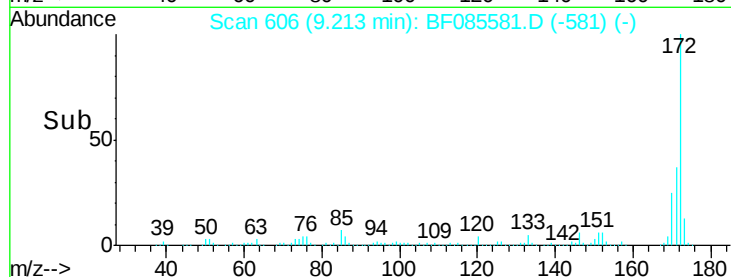
#44
 2-Fluorobiphenyl
 Concen: 81.05 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085581.D
 Acq: 19 Mar 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(7-8)

Tgt Ion:172 Resp: 1107531
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.2
 170 24.6 19.8 29.6

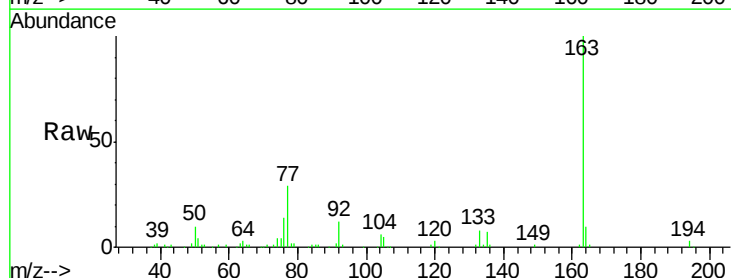


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

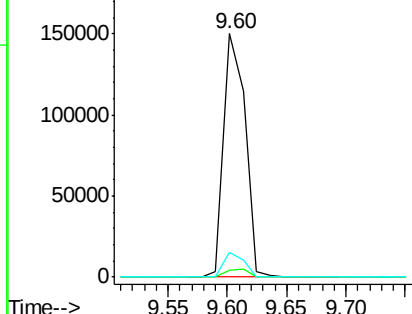
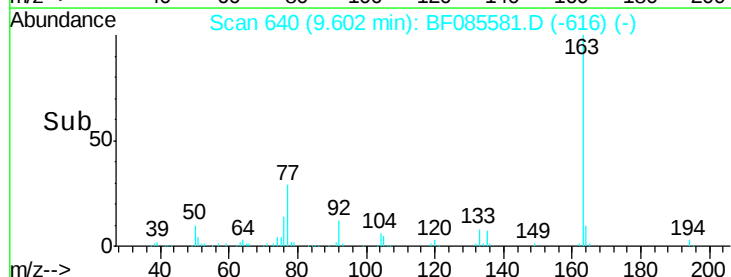


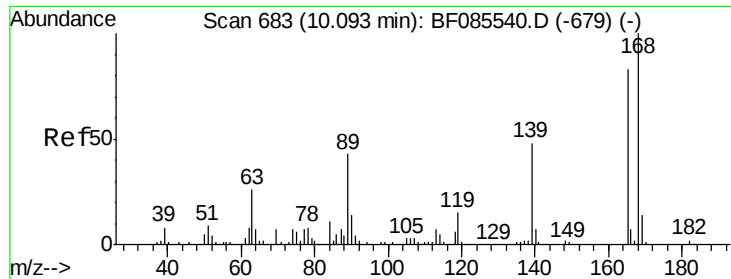
#49
 Dimethylphthalate
 Concen: 10.80 ng
 RT: 9.60 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF085581.D
 Acq: 19 Mar 2016 19:04

Tgt Ion:163 Resp: 187835
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.9 4.3
 164 10.3 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

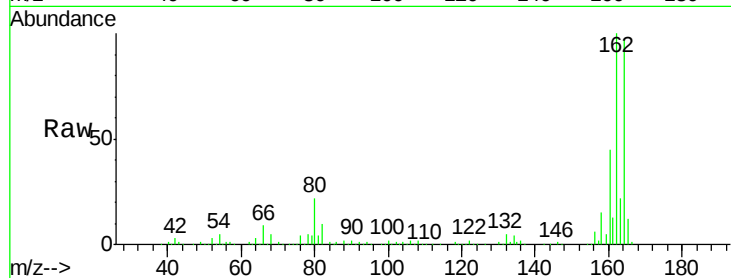




#56
 2,4-Dinitrotoluene
 Concen: 6.05 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.21 min
 Lab File: BF085581.D
 Acq: 19 Mar 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(7-8)

Tgt Ion:	165	Resp:	29077
Ion Ratio	Lower	Upper	
165	100		
63	1.2	24.9	37.3#
89	1.6	41.0	61.6#
182	0.0	2.1	3.1#

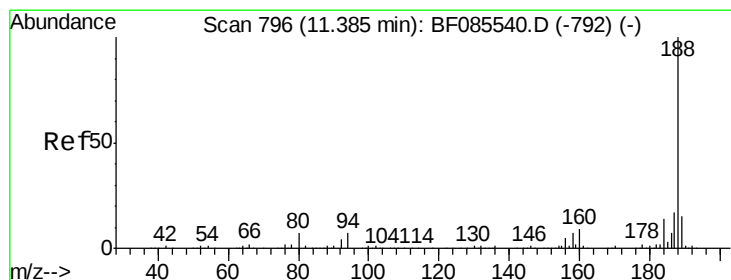
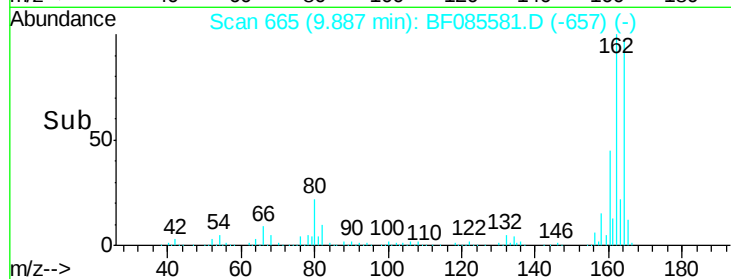
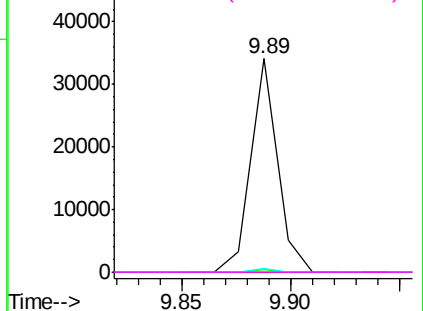


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

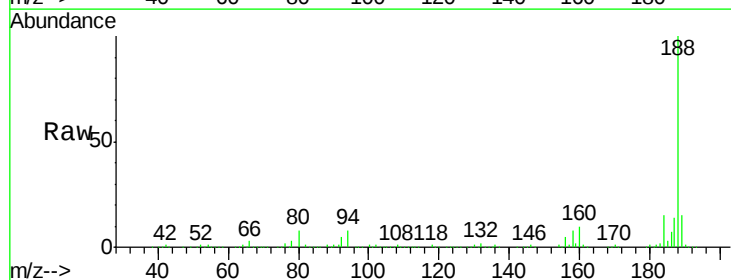
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF085581.D
 Acq: 19 Mar 2016 19:04

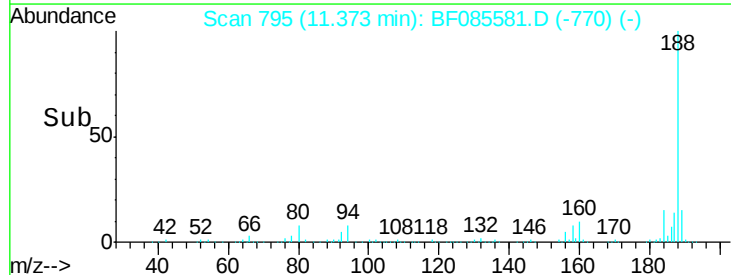
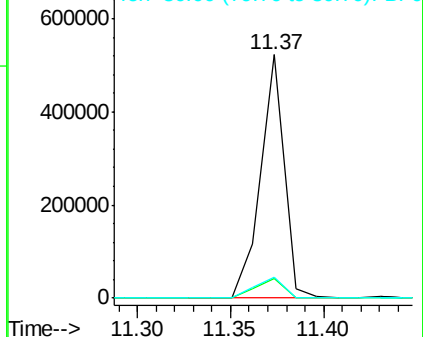
Tgt Ion:	188	Resp:	454015
Ion Ratio	Lower	Upper	
188	100		
94	8.3	5.4	8.0#
80	8.4	5.5	8.3#

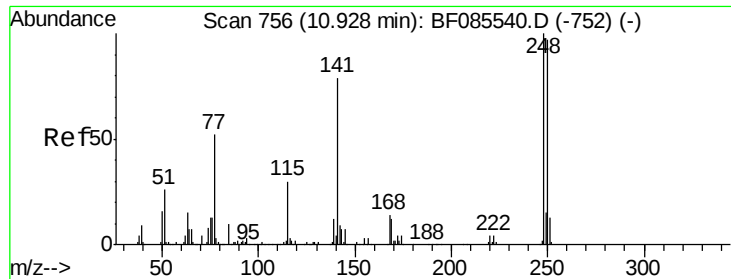


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

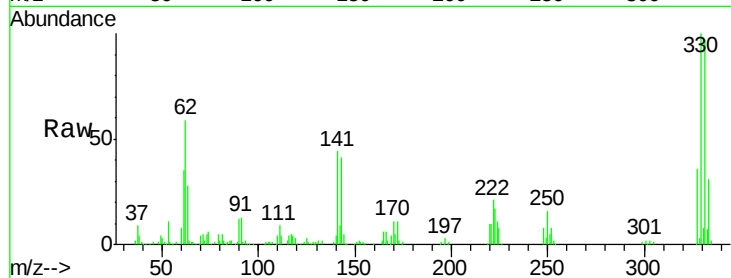




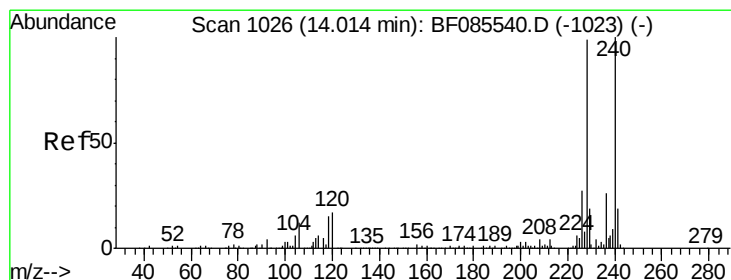
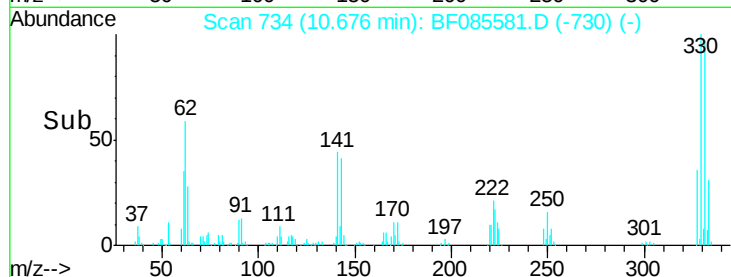
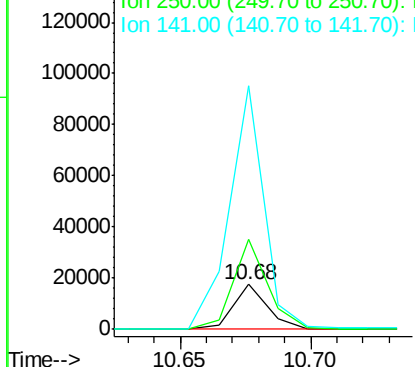
#66
 4-Bromophenyl-phenylether
 Concen: 3.52 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.25 min
 Lab File: BF085581.D
 Acq: 19 Mar 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(7-8)

Tgt Ion:248 Resp: 15950
 Ion Ratio Lower Upper
 248 100
 250 201.5 77.4 116.0#
 141 546.0 63.6 95.4#

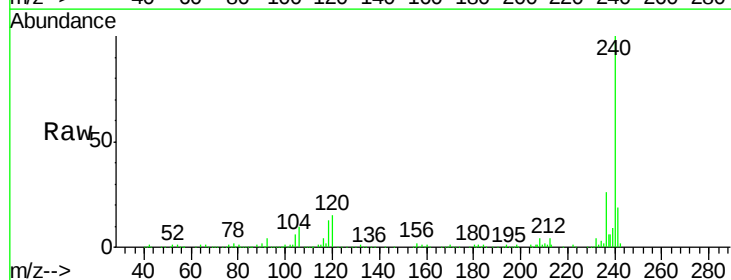


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

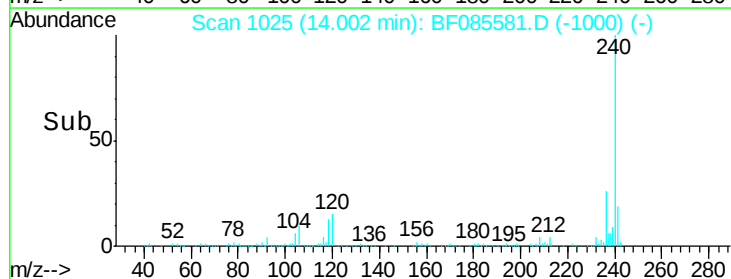
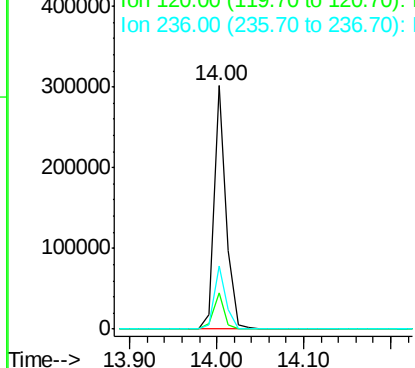


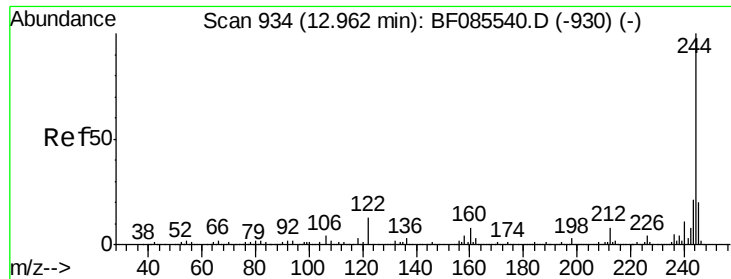
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF085581.D
 Acq: 19 Mar 2016 19:04

Tgt Ion:240 Resp: 294098
 Ion Ratio Lower Upper
 240 100
 120 15.1 13.8 20.8
 236 26.2 20.6 30.8



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

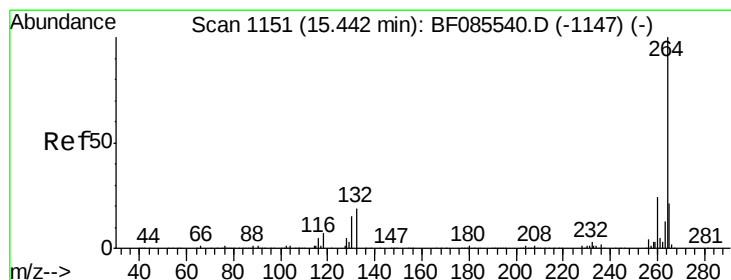
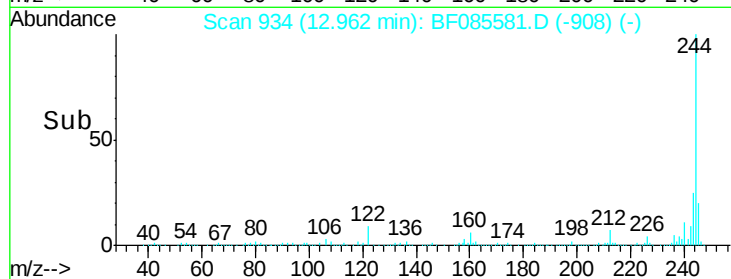
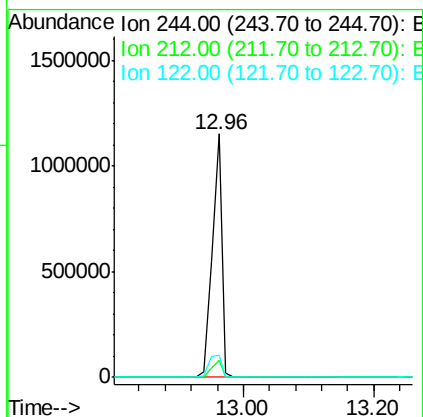
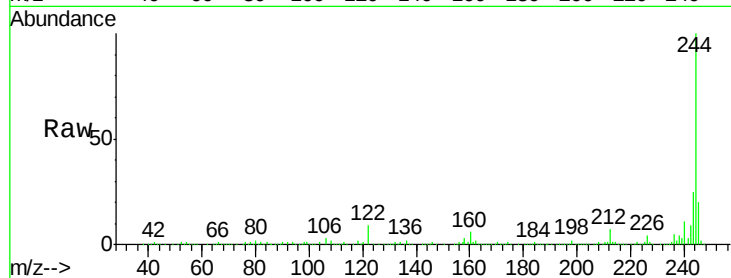




#78
 Terphenyl-d14
 Concen: 98.66 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085581.D
 Acq: 19 Mar 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(7-8)

Tgt Ion:244 Resp: 1205824
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 9.3 10.2 15.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF085581.D
 Acq: 19 Mar 2016 19:04

Tgt Ion:264 Resp: 228238
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.5 17.2 25.8

