

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082009.D
 Acq On : 3 Oct 2015 7:32
 Operator : UM/IZ
 Sample : G3905-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF006-01

Quant Time: Oct 05 00:21:30 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	93893	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	377134	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	196170	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	377504	20.00	ng	-0.05
75) Chrysene-d12	14.07	240	376602	20.00	ng	-0.05
86) Perylene-d12	15.53	264	297593	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	787417	152.24	ng	-0.03
7) Phenol-d6	6.51	99	934155	143.53	ng	-0.05
23) Nitrobenzene-d5	7.45	82	582414	102.94	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	298754	150.37	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1268890	116.47	ng	-0.05
78) Terphenyl-d14	13.02	244	1259763	122.57	ng	-0.03

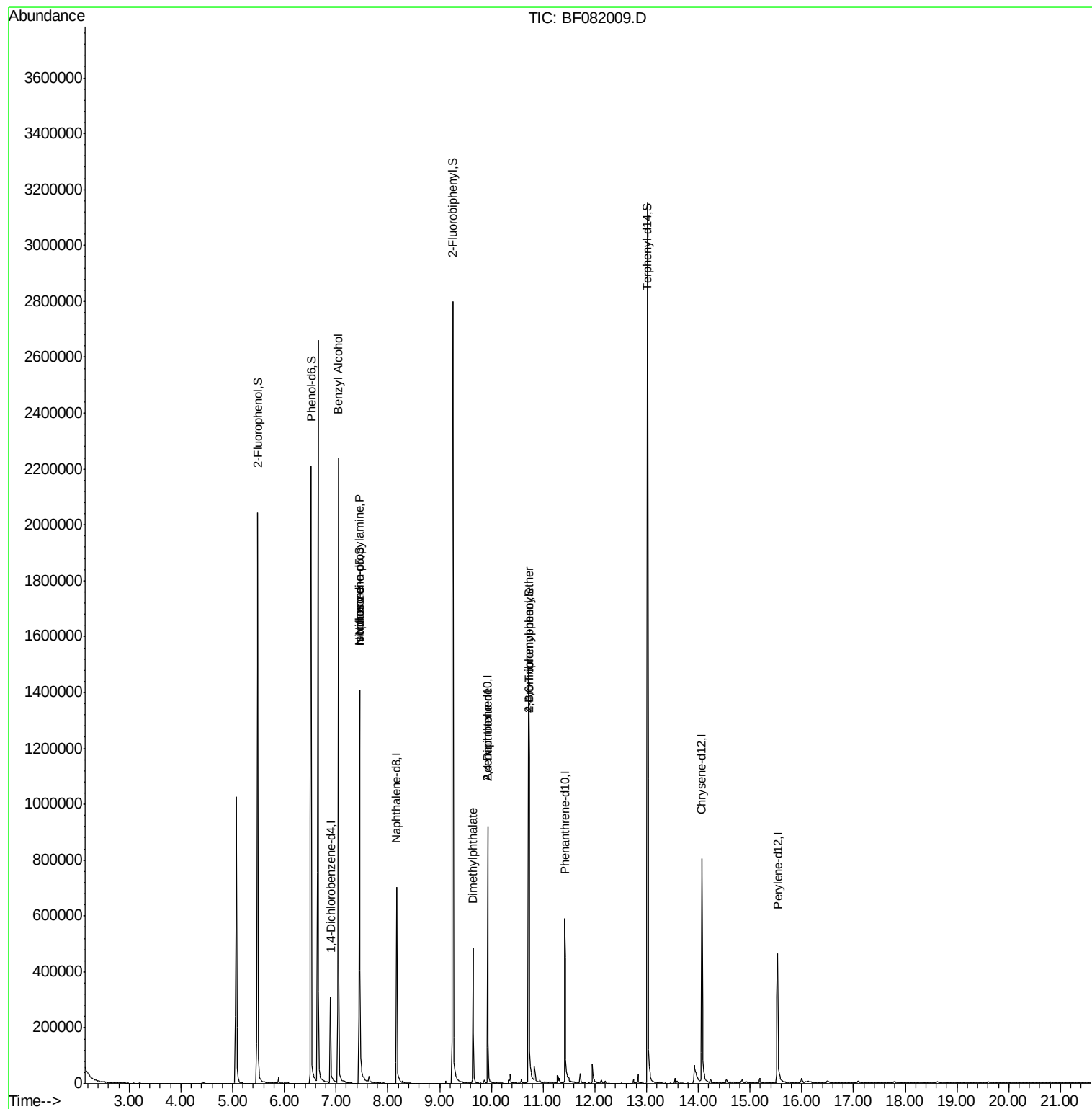
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.04	79	9435	2.01	ng	# 32
19) n-Nitroso-di-n-propylamine	7.45	70	74536	18.84	ng	# 58
25) Isophorone	7.45	82	519806	46.36	ng	# 58
49) Dimethylphthalate	9.65	163	247971	18.31	ng	# 98
56) 2,4-Dinitrotoluene	9.93	165	24272	6.48	ng	# 31
57) Fluorene	10.72	166	10527	Below Cal		# 80
66) 4-Bromophenyl-phenylether	10.73	248	18673	4.91	ng	# 1
70) Phenanthrene	11.45	178	217	Below Cal		# 62
73) Di-n-butylphthalate	11.99	149	3627	Below Cal		# 97

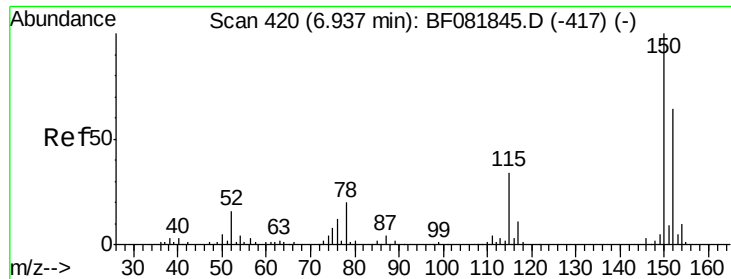
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082009.D

Acq: 3 Oct 2015 7:32

Instrument :

BNA_F

ClientSampleId :

P001-BF006-01

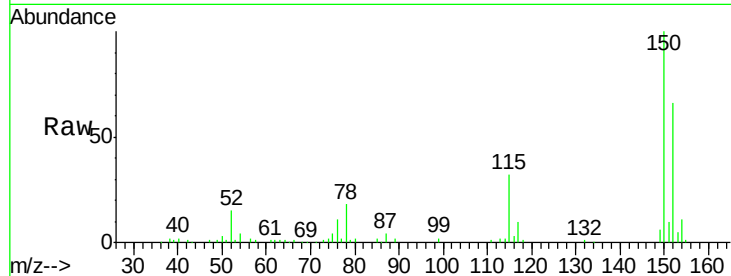
Tgt Ion:152 Resp: 93893

Ion Ratio Lower Upper

152 100

150 151.2 124.7 187.1

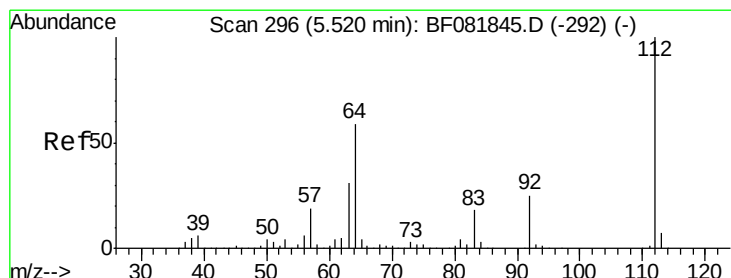
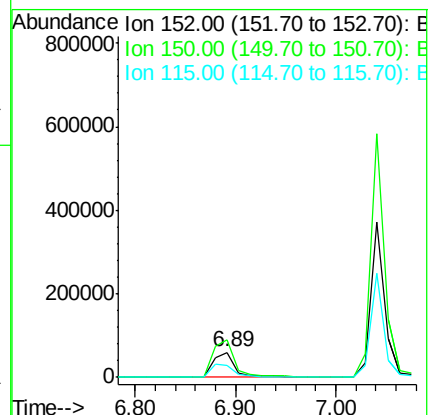
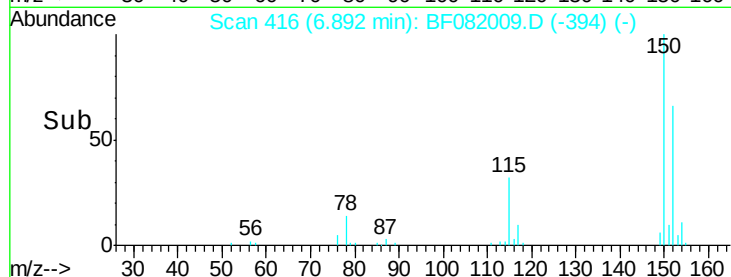
115 48.1 39.0 58.4



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: 152.24 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF082009.D

Acq: 3 Oct 2015 7:32

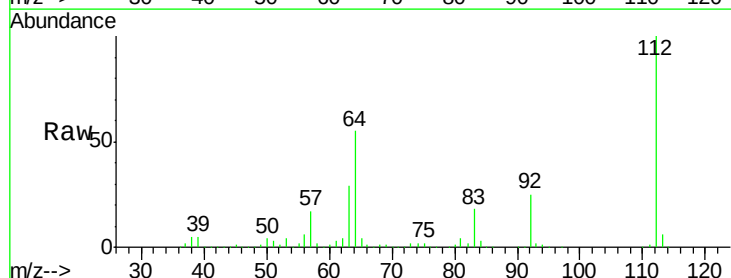
Tgt Ion:112 Resp: 787417

Ion Ratio Lower Upper

112 100

64 55.3 39.7 59.5

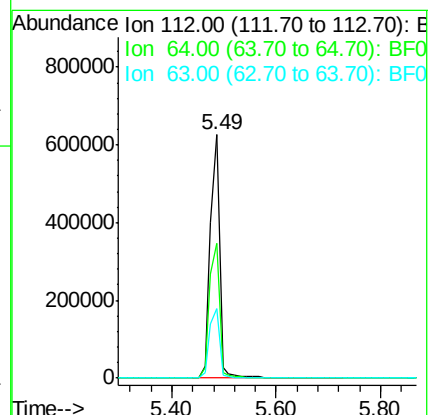
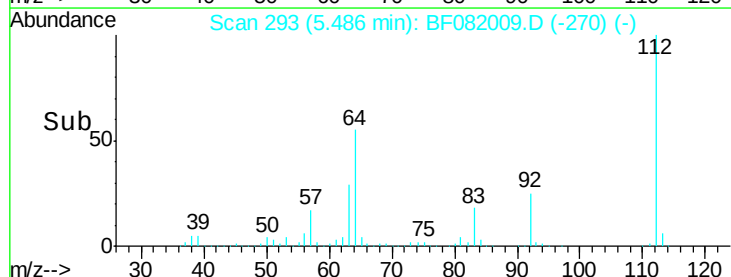
63 28.7 17.4 26.0#

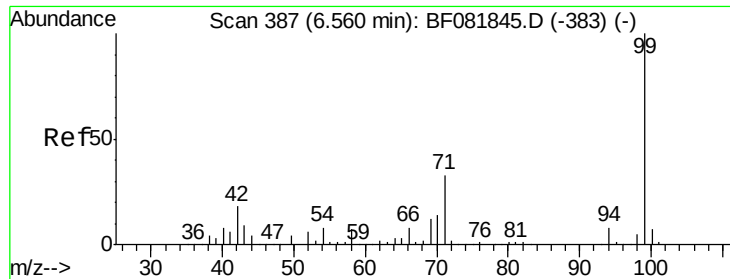


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 143.53 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082009.D

Acq: 3 Oct 2015 7:32

Instrument :

BNA_F

ClientSampleId :

P001-BF006-01

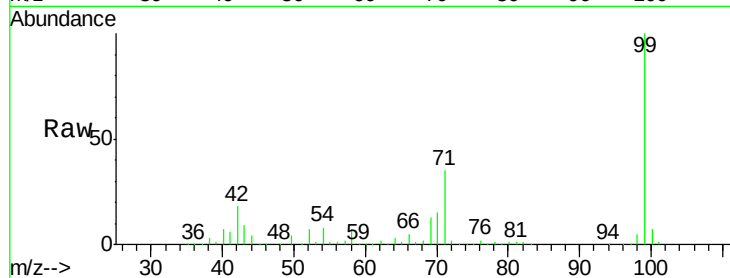
Tgt Ion: 99 Resp: 934155

Ion Ratio Lower Upper

99 100

42 17.9 13.7 20.5

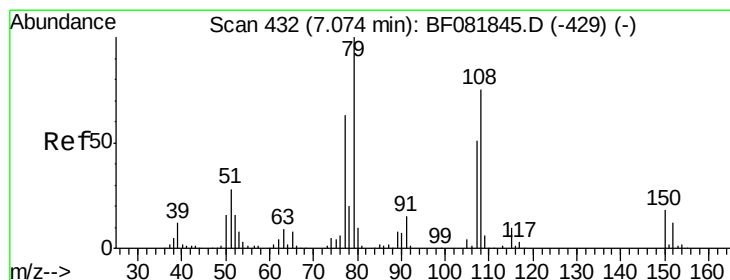
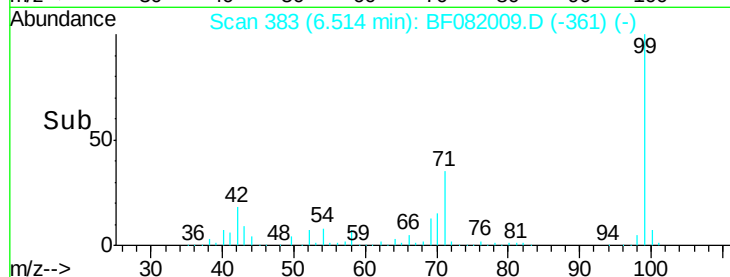
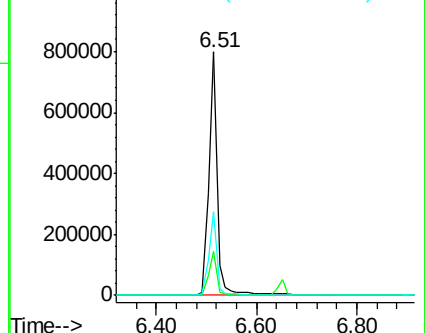
71 34.6 14.2 21.2#



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



#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 7.04 min Scan# 429

Delta R.T. -0.03 min

Lab File: BF082009.D

Acq: 3 Oct 2015 7:32

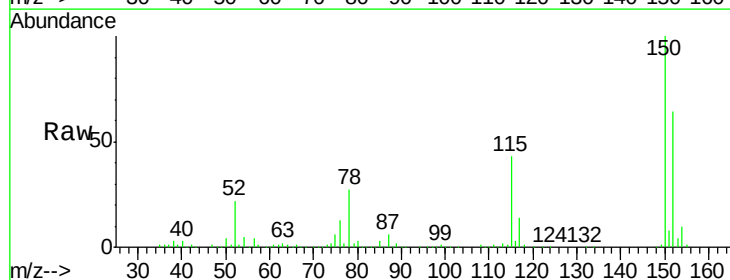
Tgt Ion: 79 Resp: 9435

Ion Ratio Lower Upper

79 100

108 29.4 88.6 132.8#

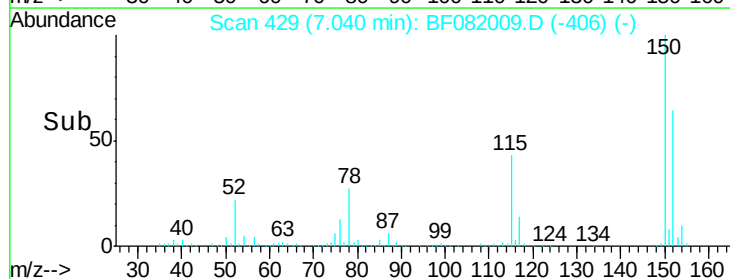
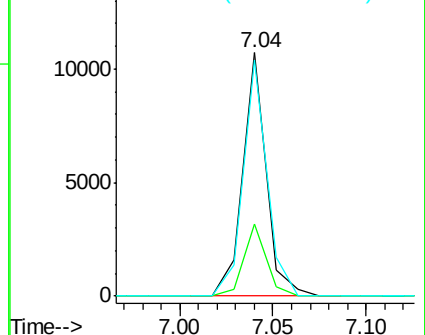
77 97.0 47.0 70.4#

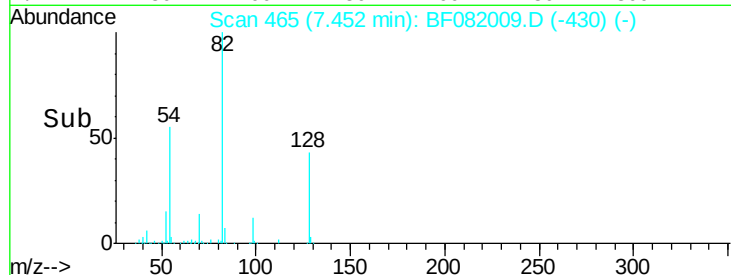
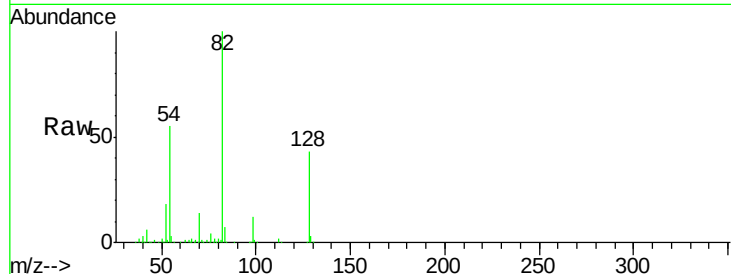
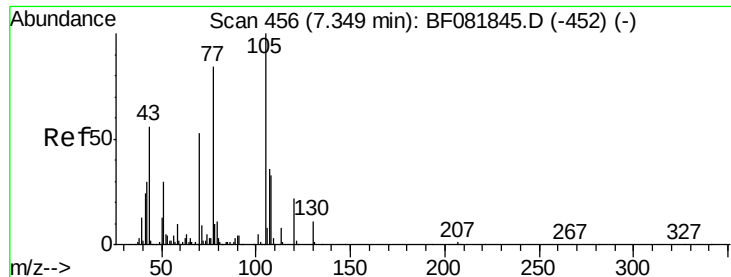


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

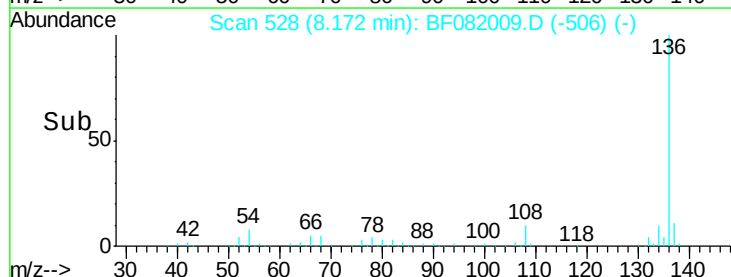
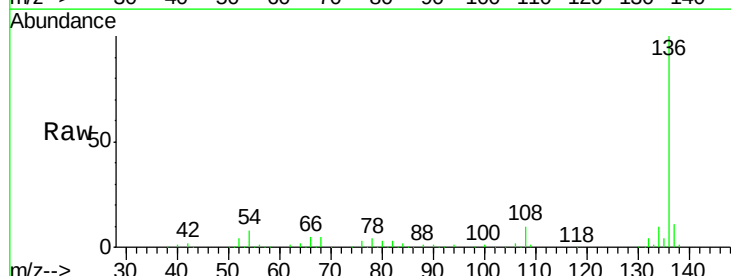
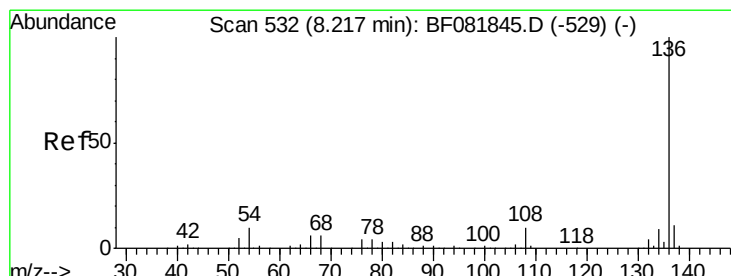
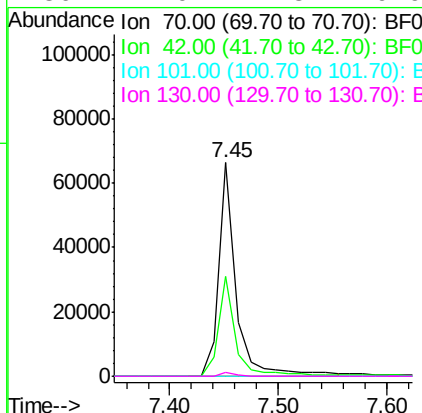




#19
n-Nitroso-di-n-propylamine
Concen: 18.84 ng
RT: 7.45 min Scan# 465
Delta R.T. 0.10 min
Lab File: BF082009.D
Acq: 3 Oct 2015 7:32

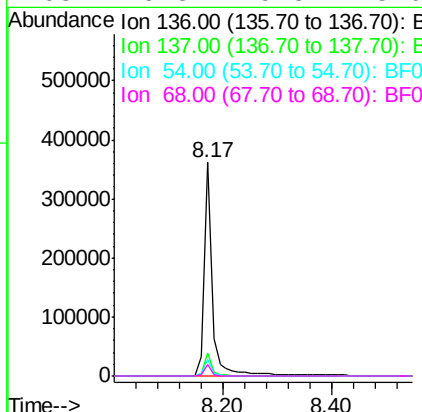
Instrument :
BNA_F
ClientSampleId :
P001-BF006-01

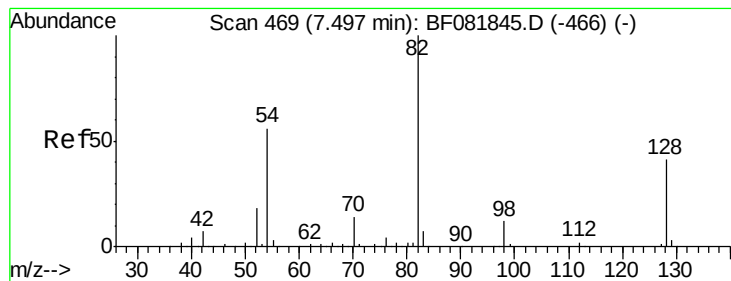
Tgt Ion:	70	Resp:	74536
Ion	Ratio	Lower	Upper
70	100		
42	46.8	63.8	95.6#
101	0.0	9.2	13.8#
130	2.0	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF082009.D
Acq: 3 Oct 2015 7:32

Tgt Ion:	136	Resp:	377134
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	7.7	8.2	12.2#
68	5.3	5.8	8.6#





#23

Nitrobenzene-d5

Concen: 102.94 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.05 min

Lab File: BF082009.D

Acq: 3 Oct 2015 7:32

Instrument :

BNA_F

ClientSampleId :

P001-BF006-01

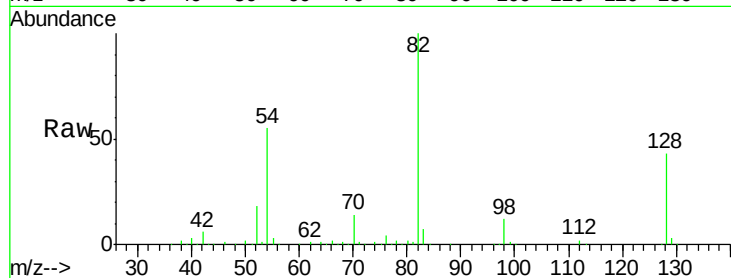
Tgt Ion: 82 Resp: 582414

Ion Ratio Lower Upper

82 100

128 42.9 51.0 76.6#

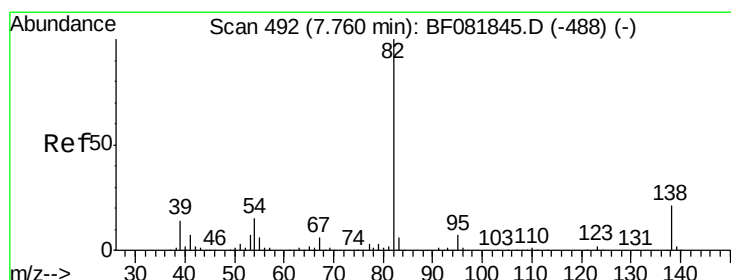
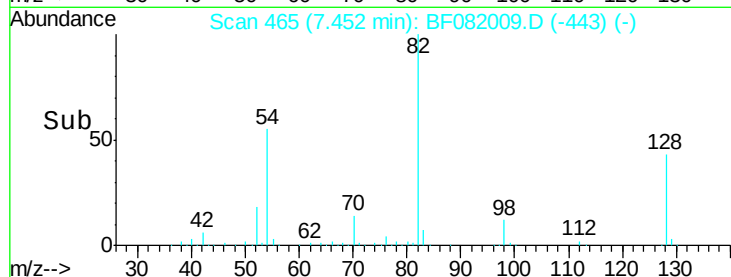
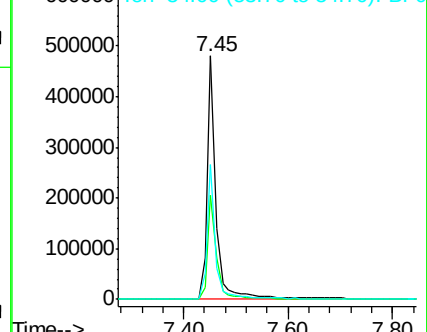
54 55.4 47.5 71.3



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: 46.36 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.31 min

Lab File: BF082009.D

Acq: 3 Oct 2015 7:32

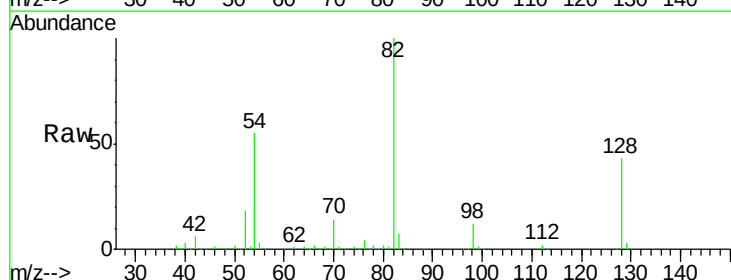
Tgt Ion: 82 Resp: 519806

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

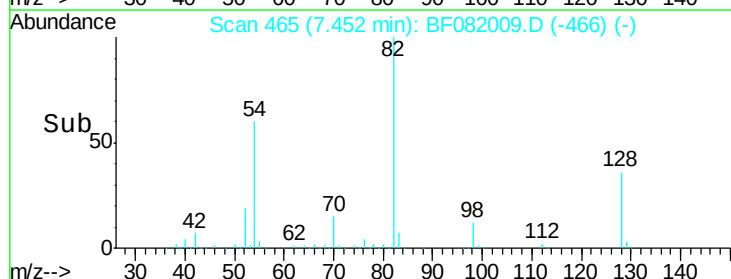
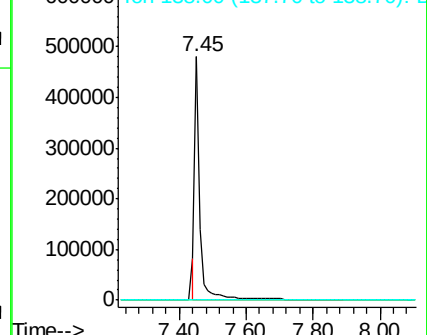
138 0.0 18.3 27.5#

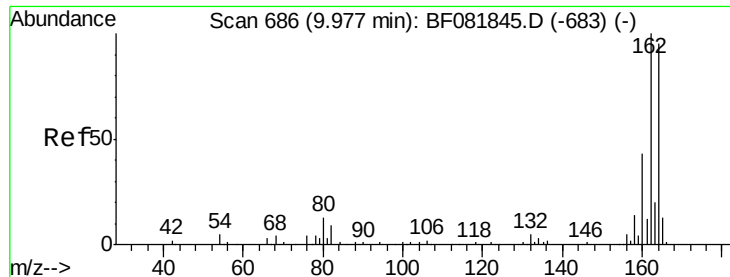


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

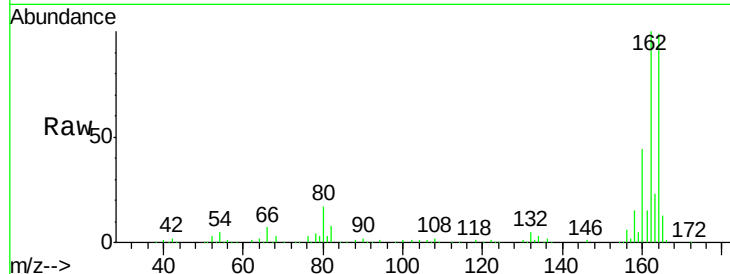




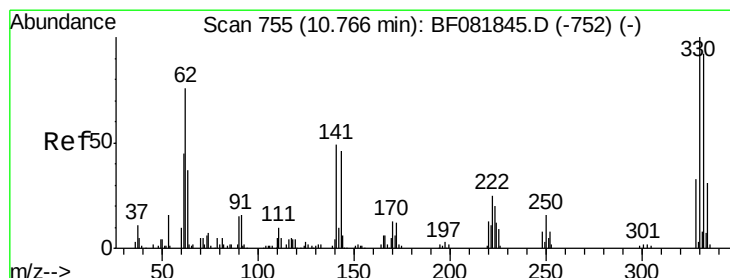
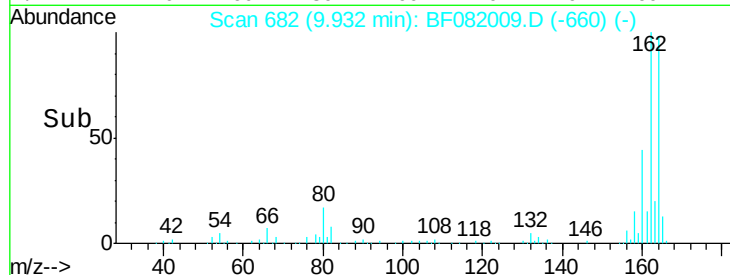
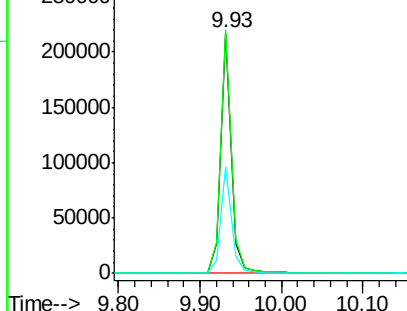
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF082009.D
 Acq: 3 Oct 2015 7:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF006-01

Tgt Ion:164 Resp: 196170
 Ion Ratio Lower Upper
 164 100
 162 101.4 75.2 112.8
 160 44.4 31.5 47.3

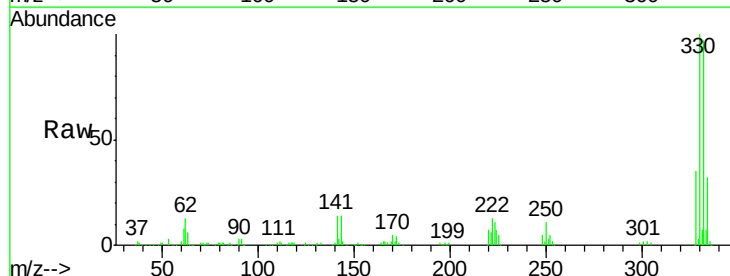


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

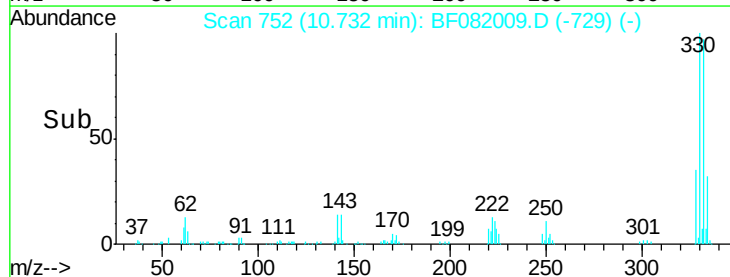
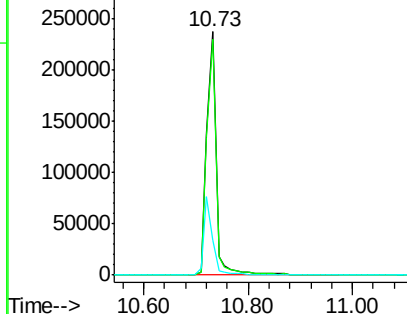


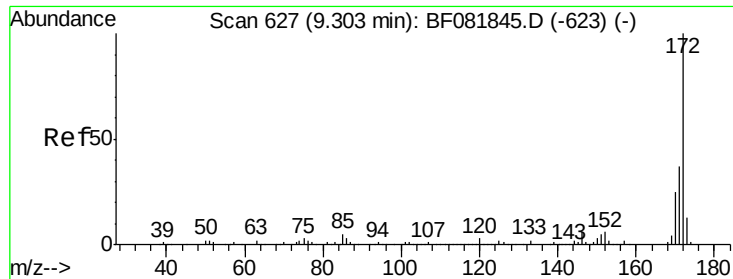
#41
 2,4,6-Tribromophenol
 Concen: 150.37 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF082009.D
 Acq: 3 Oct 2015 7:32

Tgt Ion:330 Resp: 298754
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 30.4 29.7 44.5



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

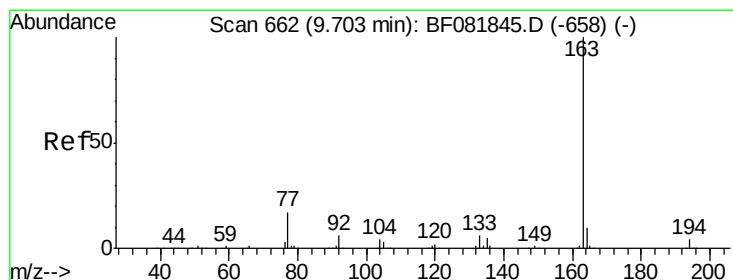
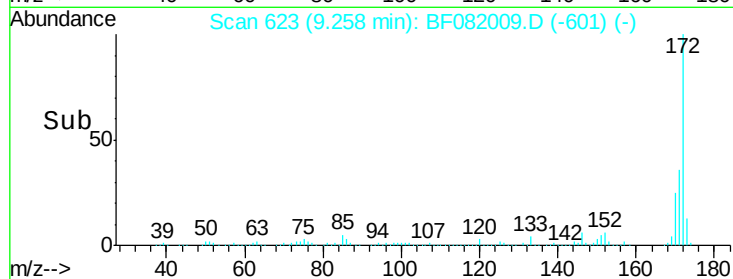
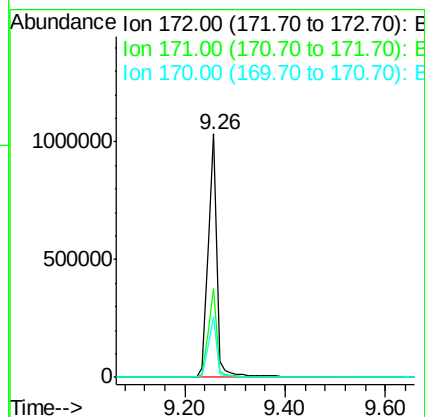
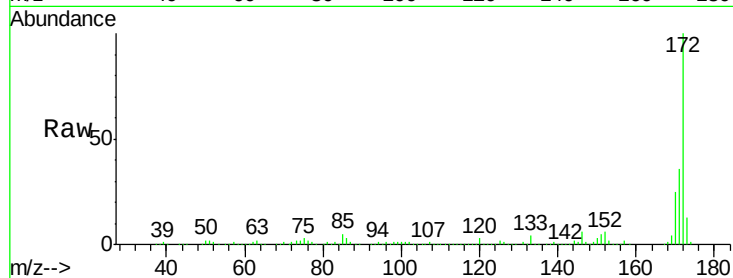




#44
 2-Fluorobiphenyl
 Concen: 116.47 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF082009.D
 Acq: 3 Oct 2015 7:32

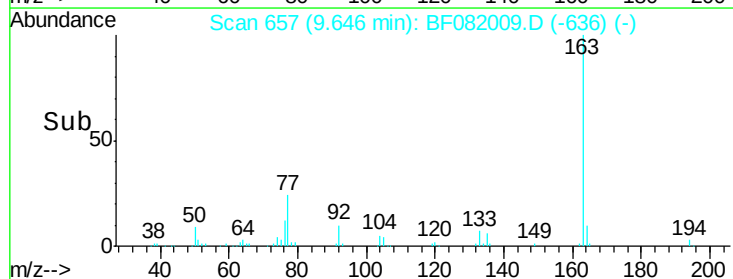
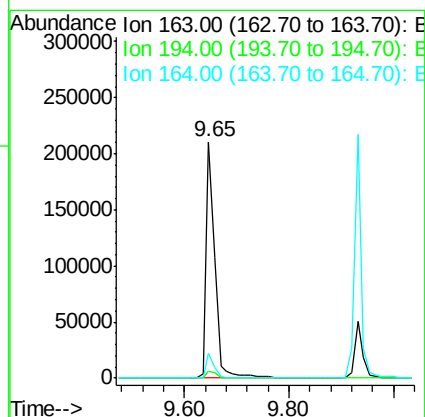
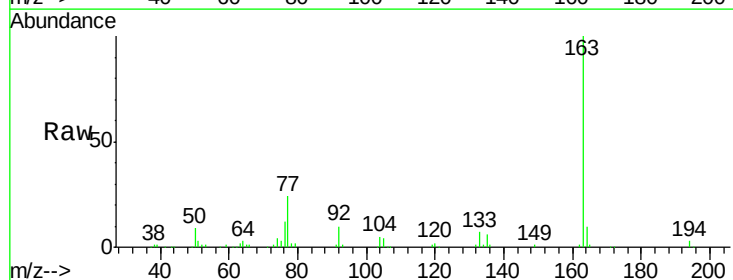
Instrument :
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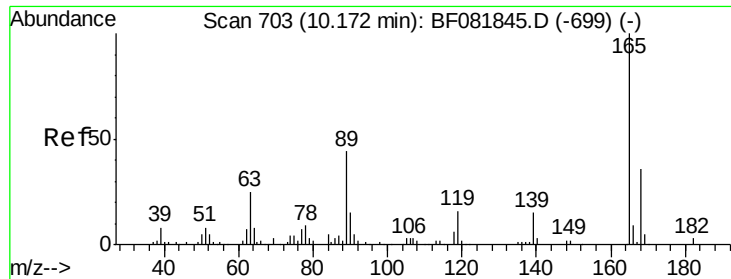
Tgt Ion:172 Resp: 1268890
 Ion Ratio Lower Upper
 172 100
 171 36.4 26.1 39.1
 170 24.9 17.4 26.2



#49
 Dimethylphthalate
 Concen: 18.31 ng
 RT: 9.65 min Scan# 657
 Delta R.T. -0.06 min
 Lab File: BF082009.D
 Acq: 3 Oct 2015 7:32

Tgt Ion:163 Resp: 247971
 Ion Ratio Lower Upper
 163 100
 194 3.1 4.4 6.6#
 164 10.4 8.3 12.5

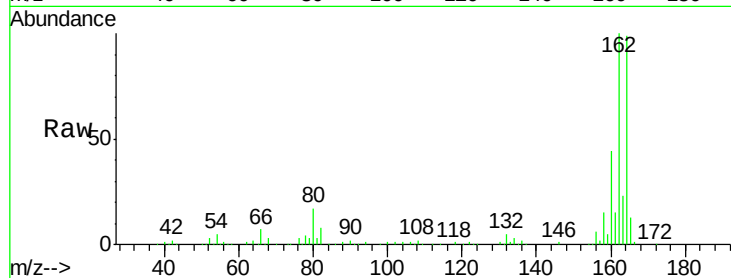




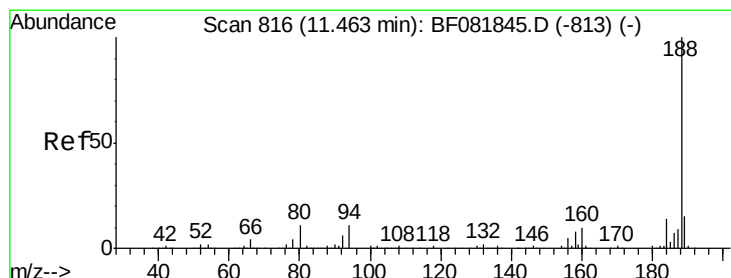
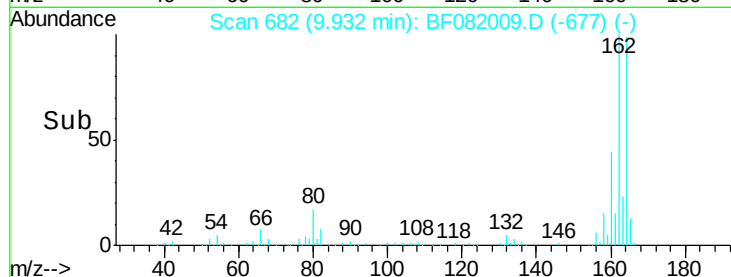
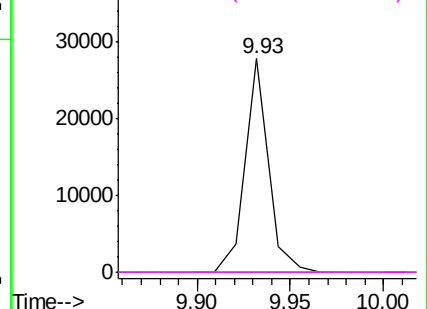
#56
 2,4-Dinitrotoluene
 Concen: 6.48 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.24 min
 Lab File: BF082009.D
 Acq: 3 Oct 2015 7:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF006-01

Tgt Ion:	165	Resp:	24272
Ion Ratio	Lower	Upper	
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

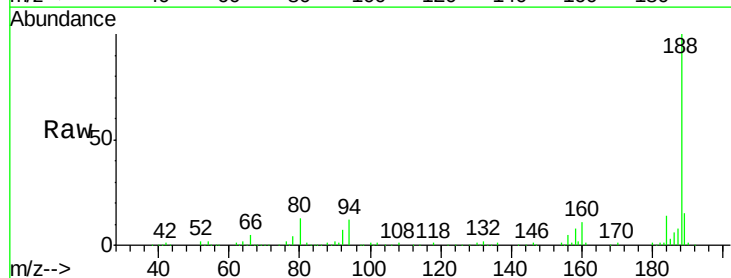


Abundance Ion 165.00 (164.70 to 165.70): E

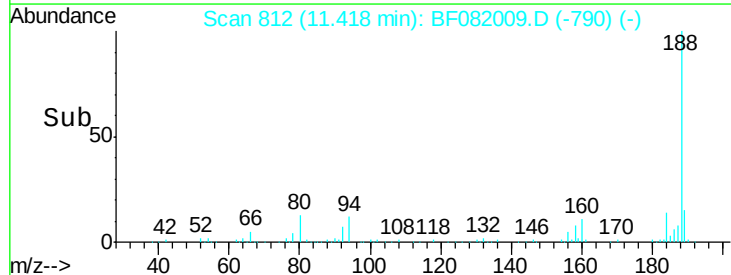
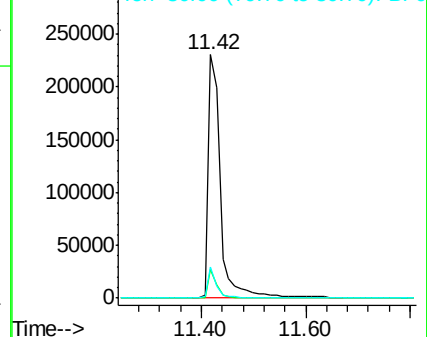


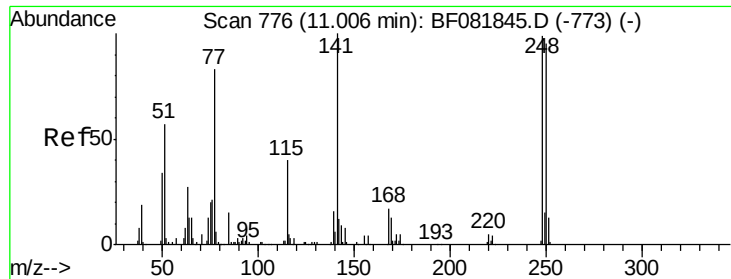
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.05 min
 Lab File: BF082009.D
 Acq: 3 Oct 2015 7:32

Tgt Ion:	188	Resp:	377504
Ion Ratio	Lower	Upper	
188	100		
94	11.7	11.1	16.7
80	12.9	11.0	16.4



Abundance Ion 188.00 (187.70 to 188.70): E

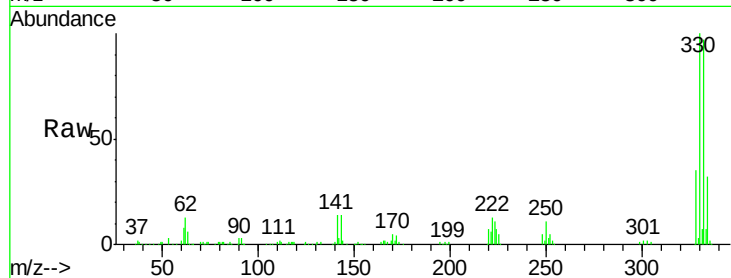




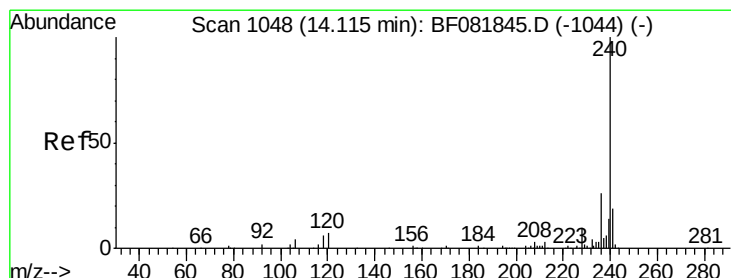
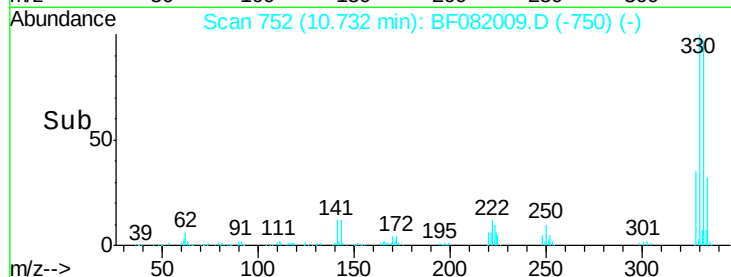
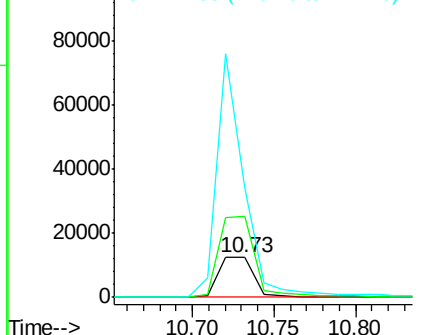
#66
 4-Bromophenyl-phenylether
 Concen: 4.91 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.27 min
 Lab File: BF082009.D
 Acq: 3 Oct 2015 7:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF006-01

Tgt Ion:248 Resp: 18673
 Ion Ratio Lower Upper
 248 100
 250 201.5 78.5 117.7#
 141 272.8 59.0 88.6#

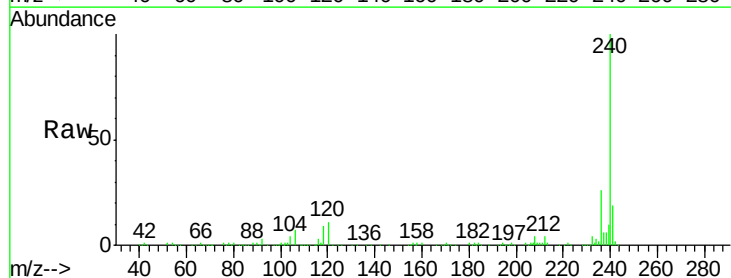


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

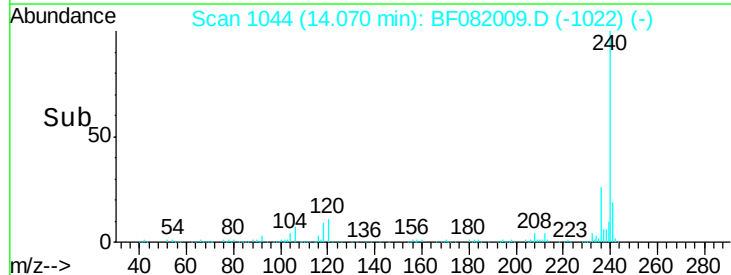
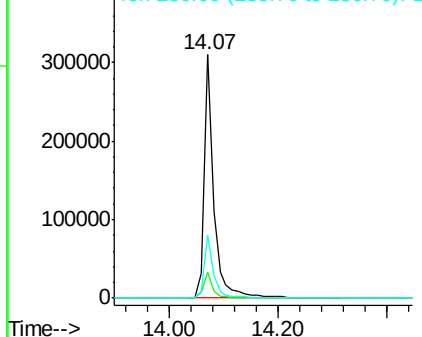


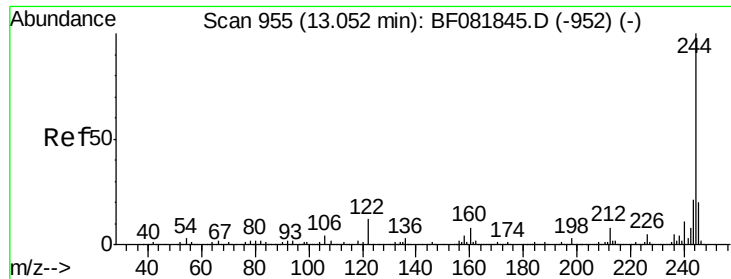
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. -0.05 min
 Lab File: BF082009.D
 Acq: 3 Oct 2015 7:32

Tgt Ion:240 Resp: 376602
 Ion Ratio Lower Upper
 240 100
 120 10.6 16.2 24.2#
 236 26.2 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

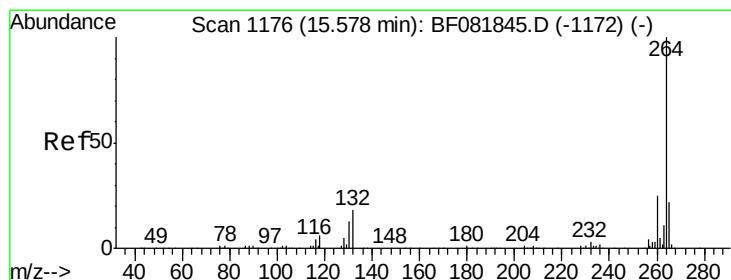
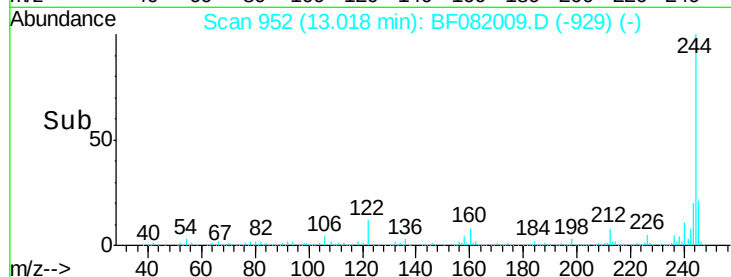
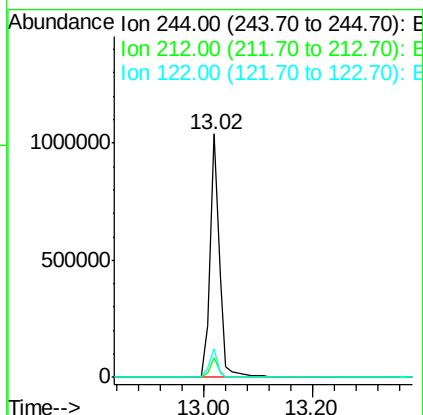
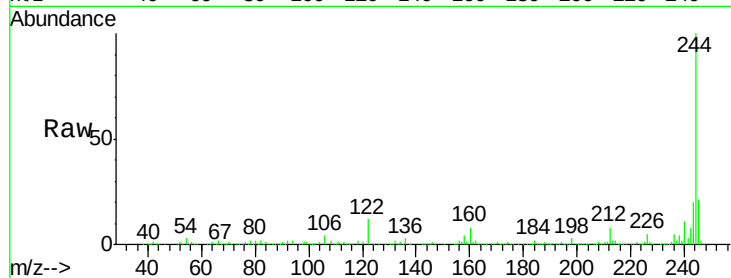




#78
 Terphenyl-d14
 Concen: 122.57 ng
 RT: 13.02 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF082009.D
 Acq: 3 Oct 2015 7:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF006-01

Tgt Ion:244 Resp: 1259763
 Ion Ratio Lower Upper
 244 100
 212 8.0 4.3 6.5#
 122 11.9 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1172
 Delta R.T. -0.05 min
 Lab File: BF082009.D
 Acq: 3 Oct 2015 7:32

Tgt Ion:264 Resp: 297593
 Ion Ratio Lower Upper
 264 100
 260 23.8 16.7 25.1
 265 21.4 17.2 25.8

