

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
 Data File : BF081892.D
 Acq On : 29 Sep 2015 21:35
 Operator : UM/IZ
 Sample : G3726-01RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PW-1

Quant Time: Sep 30 02:27:38 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

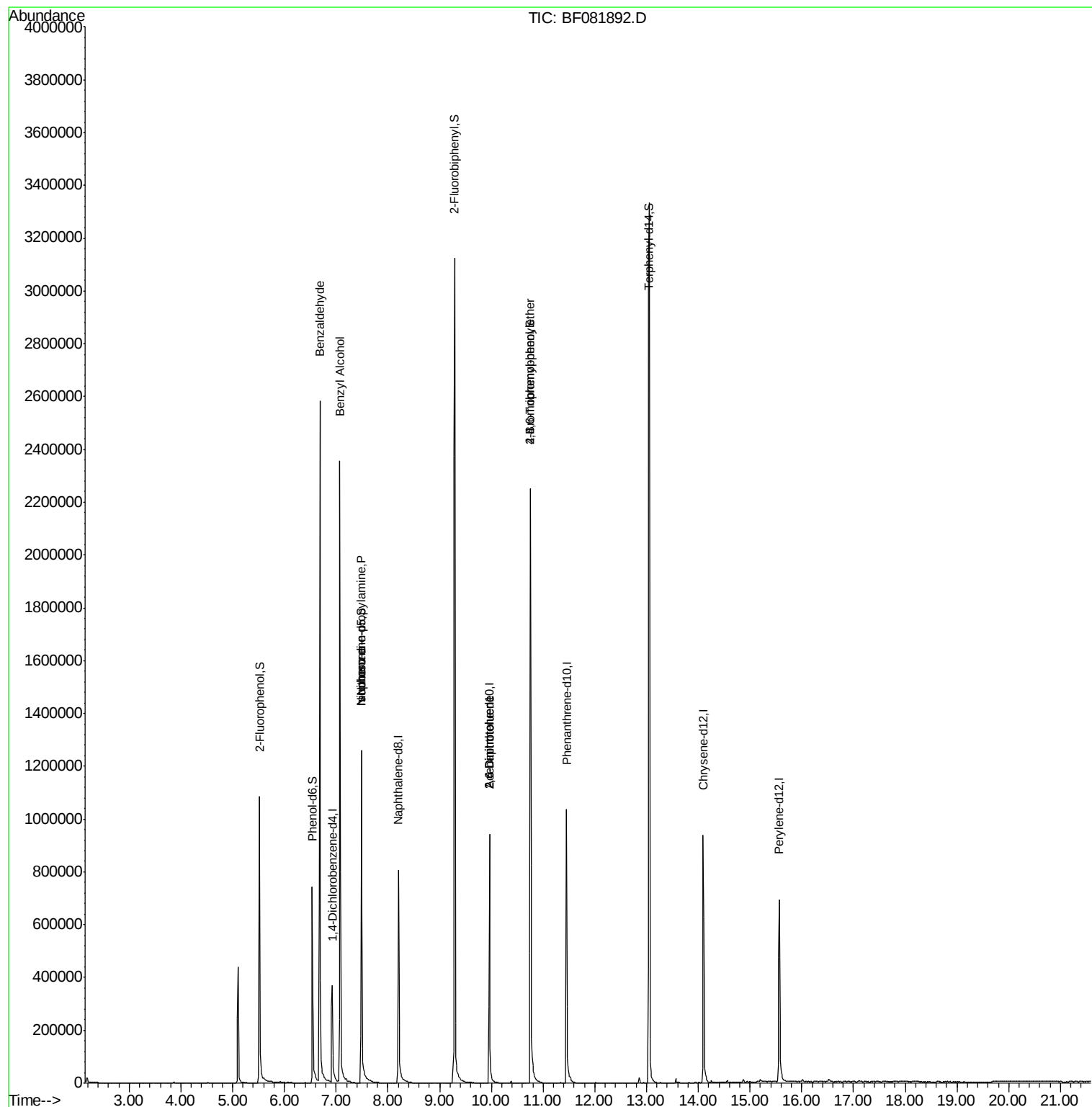
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	110097	20.00	ng	-0.01
21) Naphthalene-d8	8.21	136	498310	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	230303	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	495039	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	506106	20.00	ng	-0.02
86) Perylene-d12	15.57	264	453282	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	506434	83.50	ng	0.00
7) Phenol-d6	6.54	99	362433	47.49	ng	-0.02
23) Nitrobenzene-d5	7.49	82	641143	85.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	377846	162.00	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	1511212	118.81	ng	-0.01
78) Terphenyl-d14	13.05	244	1722625	126.42	ng	0.00
Target Compounds						
9) Benzaldehyde	6.69	77	17858	3.57	ng	# 62
15) Benzyl Alcohol	7.07	79	11551	2.10	ng	# 30
19) n-Nitroso-di-n-propylamine	7.49	70	81297	17.53	ng	# 59
25) Isophorone	7.49	82	601473	40.59	ng	# 58
50) 2,6-Dinitrotoluene	9.97	165	27988	8.11	ng	# 38
56) 2,4-Dinitrotoluene	9.97	165	28627	6.51	ng	# 32
57) Fluorene	10.75	166	12605	Below Cal		# 83
66) 4-Bromophenyl-phenylether	10.75	248	23253	4.66	ng	# 1
70) Phenanthrene	11.47	178	279	Below Cal		# 62
73) Di-n-butylphthalate	12.01	149	1741	Below Cal		# 78

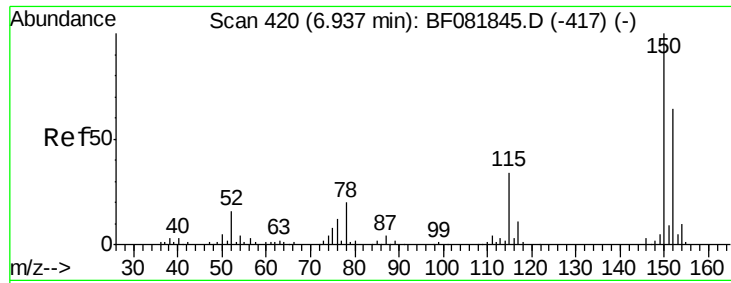
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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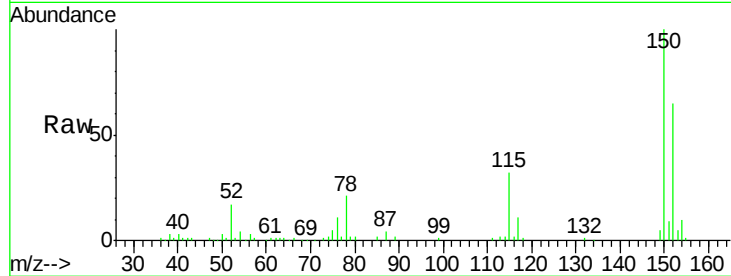


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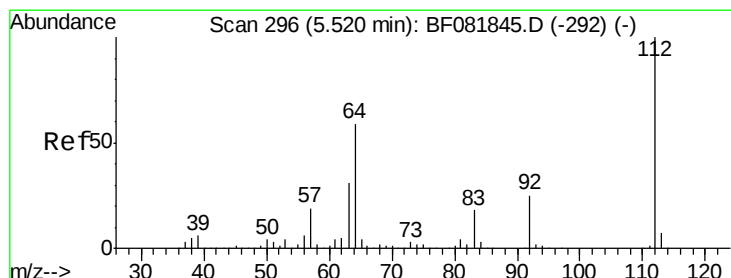
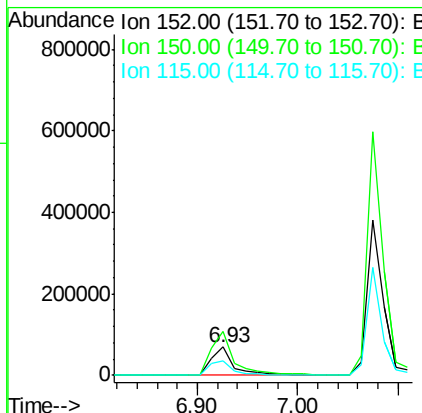
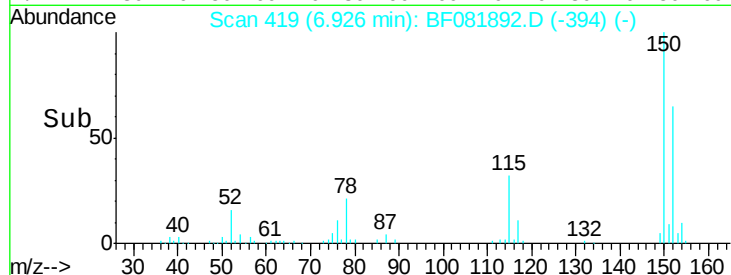
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.93 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BF081892.D
 Acq: 29 Sep 2015 21:35

Instrument :
 BNA_F
 ClientSampleId :
 PW-1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.7	187.1
115	49.7	39.0	58.4



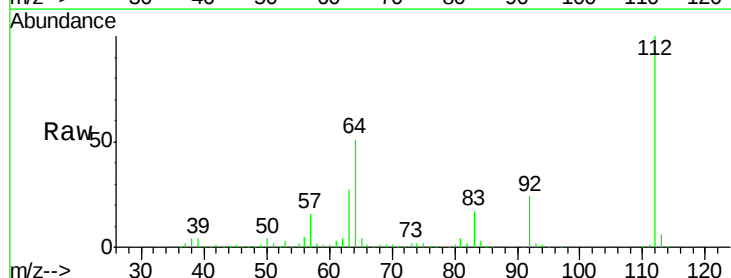
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



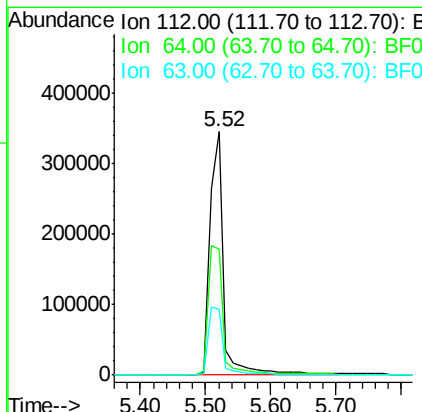
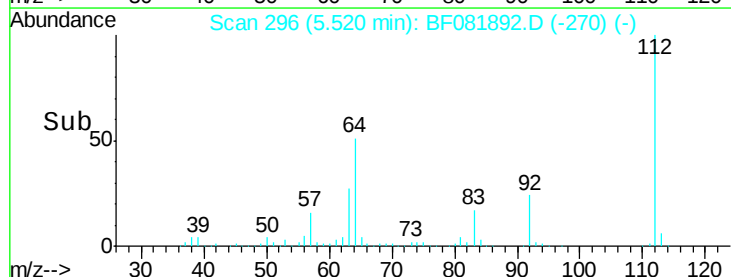
#5

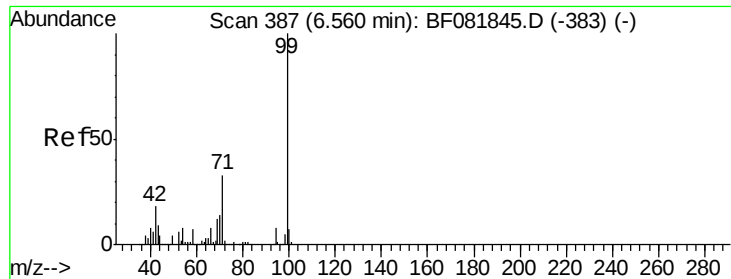
2-Fluorophenol
 Concen: 83.50 ng
 RT: 5.52 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: BF081892.D
 Acq: 29 Sep 2015 21:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.5	39.7	59.5
63	27.0	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: 47.49 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF081892.D

Acq: 29 Sep 2015 21:35

Instrument :

BNA_F

ClientSampleId :

PW-1

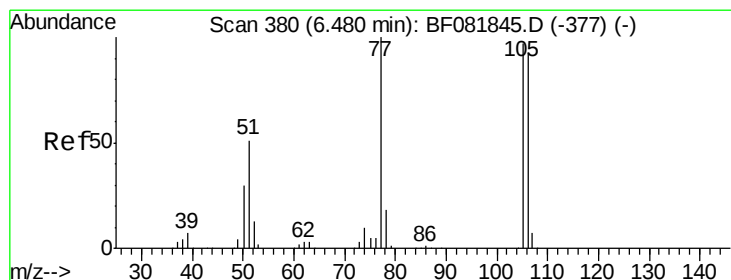
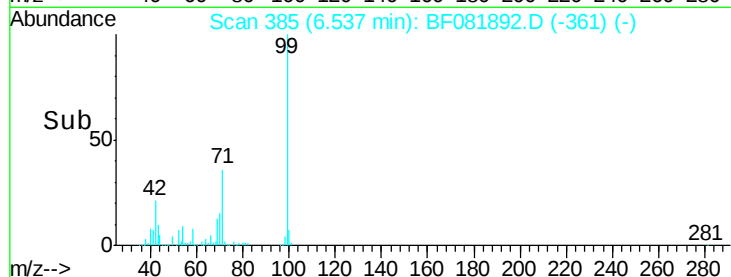
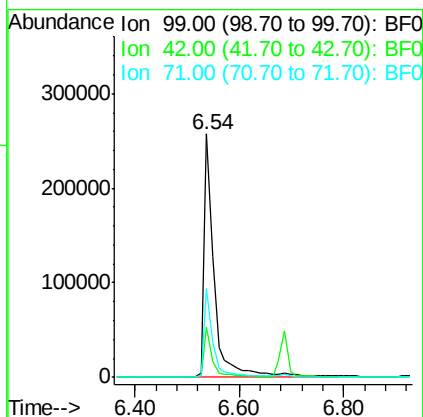
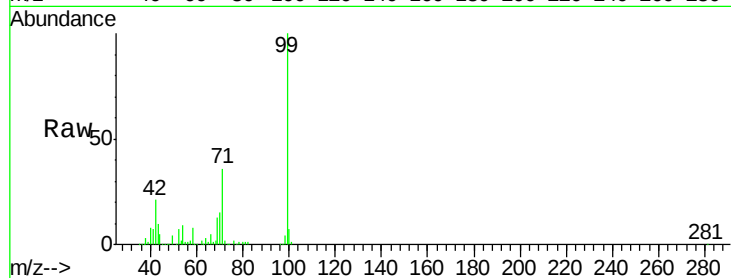
Tgt Ion: 99 Resp: 362433

Ion Ratio Lower Upper

99 100

42 20.5 13.7 20.5#

71 36.4 14.2 21.2#



#9

Benzaldehyde

Concen: 3.57 ng

RT: 6.69 min Scan# 398

Delta R.T. 0.21 min

Lab File: BF081892.D

Acq: 29 Sep 2015 21:35

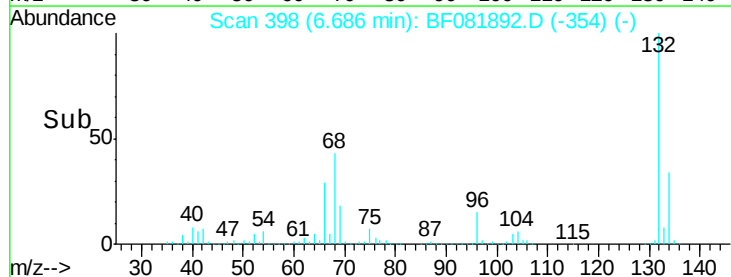
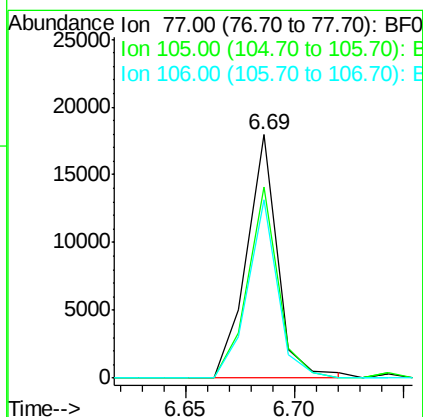
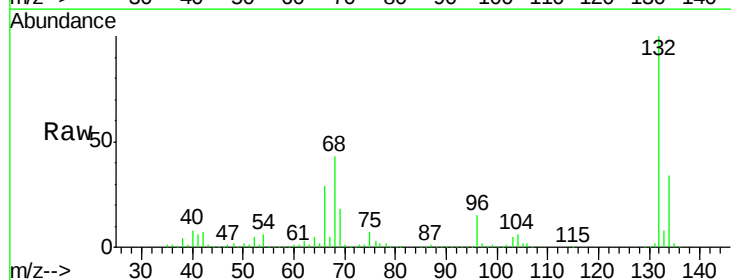
Tgt Ion: 77 Resp: 17858

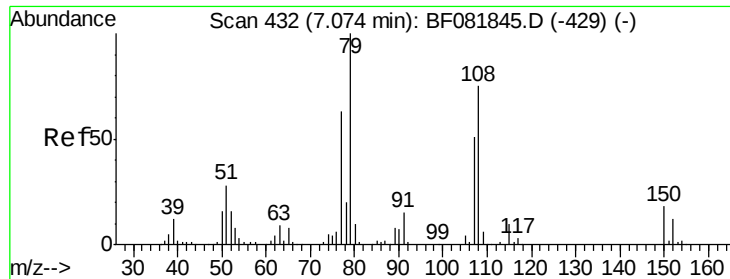
Ion Ratio Lower Upper

77 100

105 78.4 91.6 131.6#

106 73.3 102.6 142.6#





#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 7.07 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF081892.D

Acq: 29 Sep 2015 21:35

Instrument :

BNA_F

ClientSampleId :

PW-1

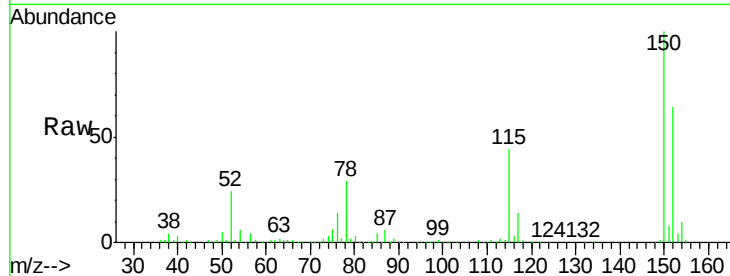
Tgt Ion: 79 Resp: 11551

Ion Ratio Lower Upper

79 100

108 26.8 88.6 132.8#

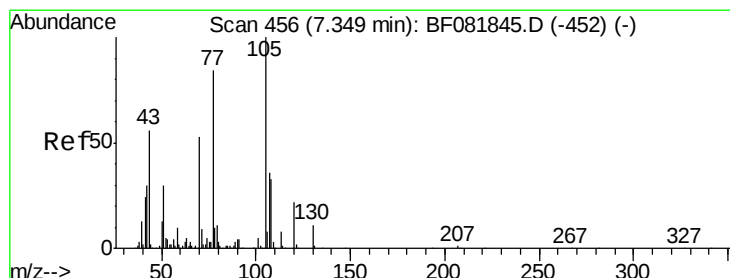
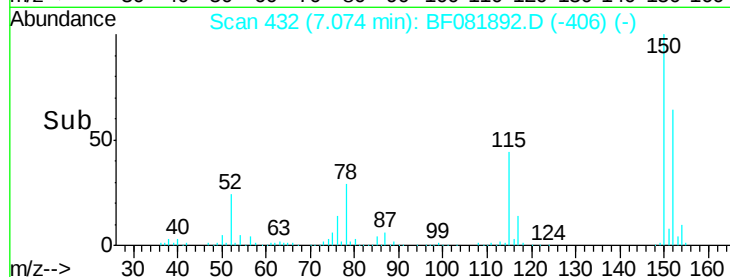
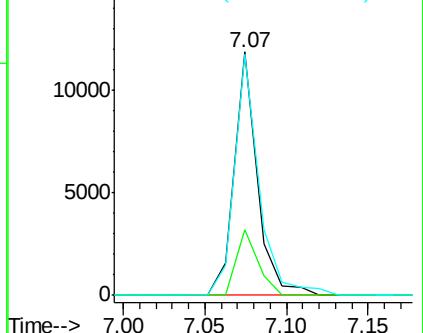
77 98.9 47.0 70.4#



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: 17.53 ng

RT: 7.49 min Scan# 468

Delta R.T. 0.14 min

Lab File: BF081892.D

Acq: 29 Sep 2015 21:35

Tgt Ion: 70 Resp: 81297

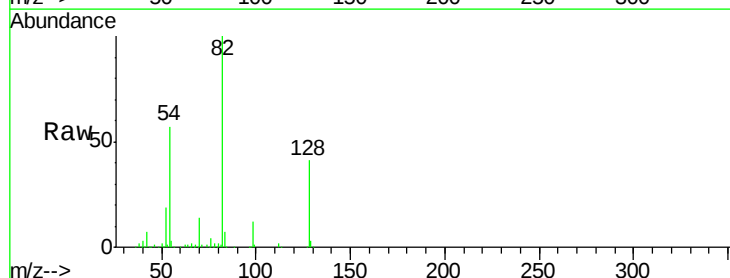
Ion Ratio Lower Upper

70 100

42 47.5 63.8 95.6#

101 0.0 9.2 13.8#

130 1.8 27.3 40.9#

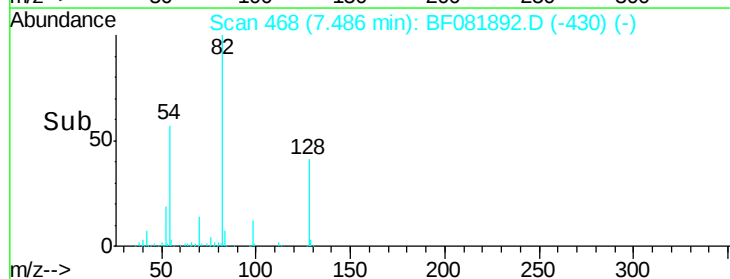
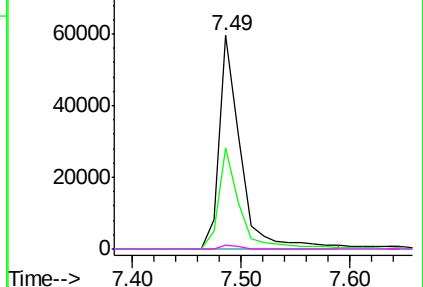


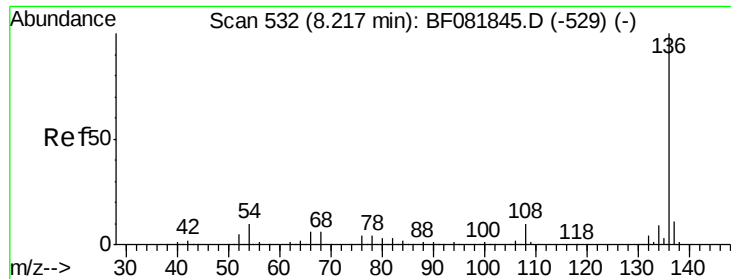
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

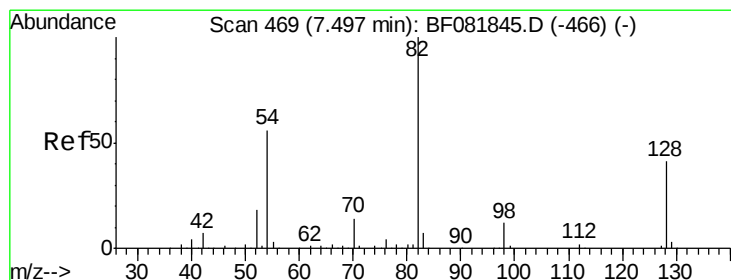
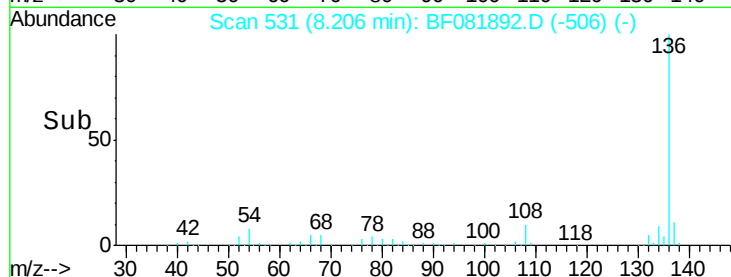
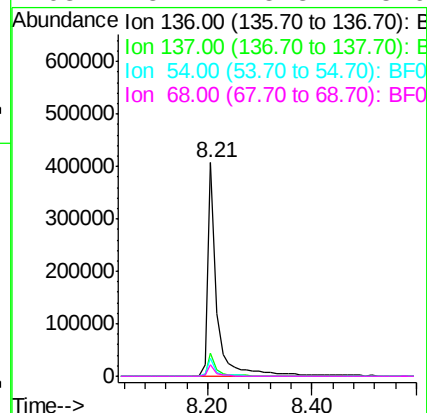
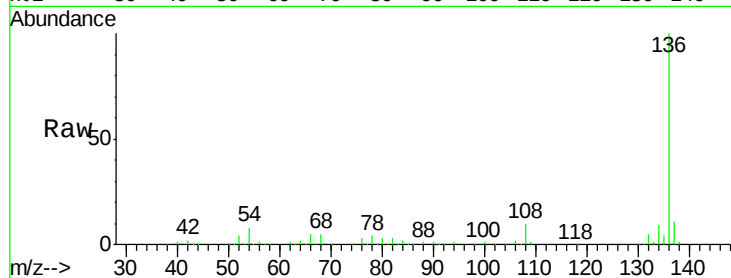




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF081892.D
Acq: 29 Sep 2015 21:35

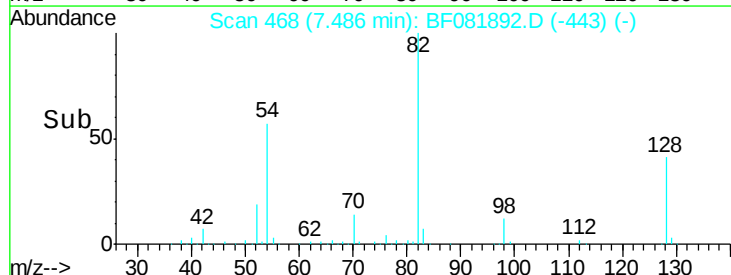
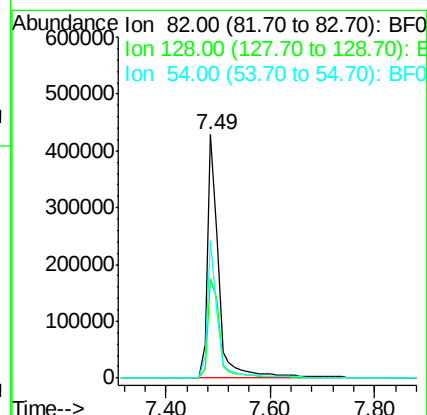
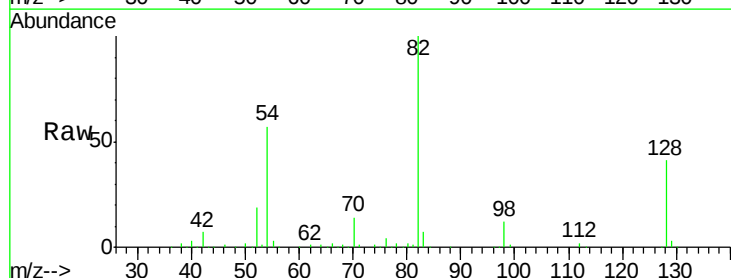
Instrument :
BNA_F
ClientSampleId :
PW-1

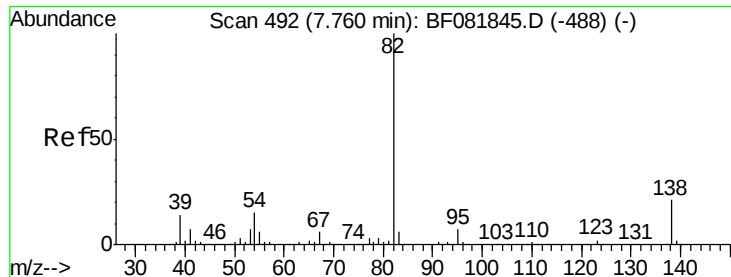
Tgt Ion:	136	Resp:	498310
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	8.3	8.2	12.2
68	5.4	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 85.77 ng
RT: 7.49 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF081892.D
Acq: 29 Sep 2015 21:35

Tgt Ion:	82	Resp:	641143
Ion	Ratio	Lower	Upper
82	100		
128	40.8	51.0	76.6#
54	56.5	47.5	71.3





#25

Isophorone

Concen: 40.59 ng

RT: 7.49 min Scan# 468

Delta R.T. -0.27 min

Lab File: BF081892.D

Acq: 29 Sep 2015 21:35

Instrument :

BNA_F

ClientSampleID :

PW-1

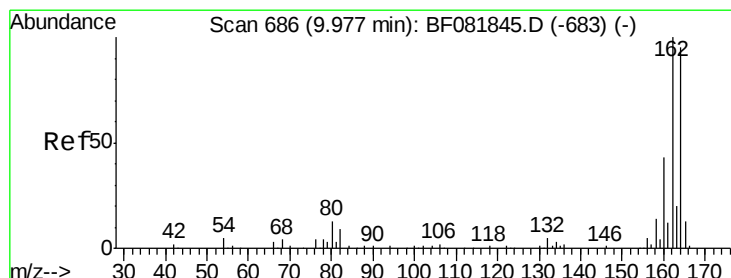
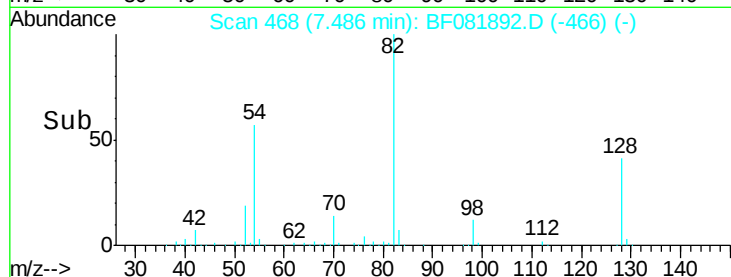
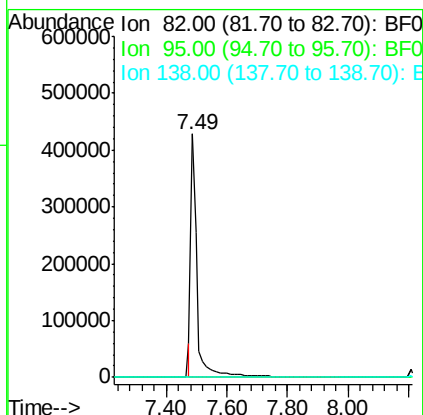
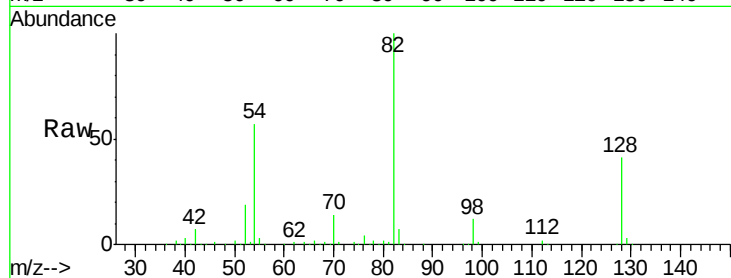
Tgt Ion: 82 Resp: 601473

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF081892.D

Acq: 29 Sep 2015 21:35

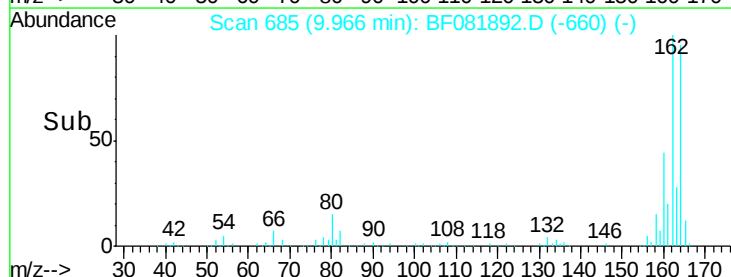
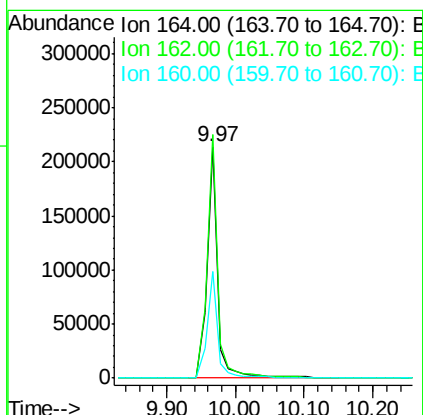
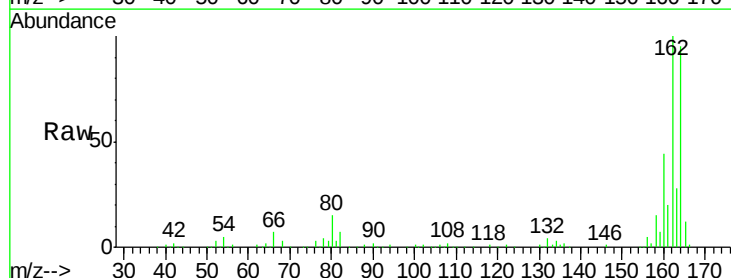
Tgt Ion: 164 Resp: 230303

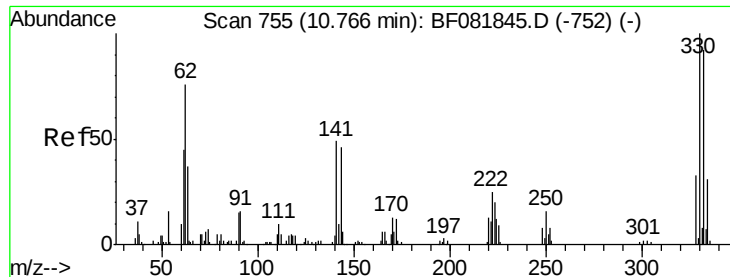
Ion Ratio Lower Upper

164 100

162 105.3 75.2 112.8

160 46.1 31.5 47.3

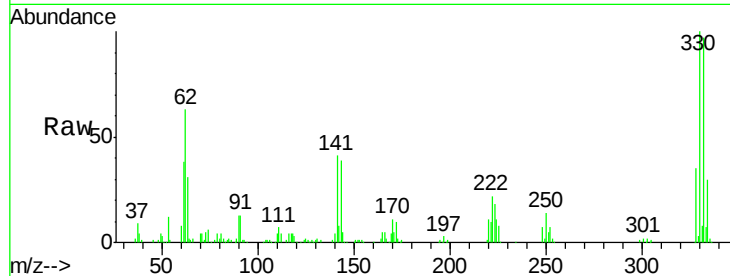




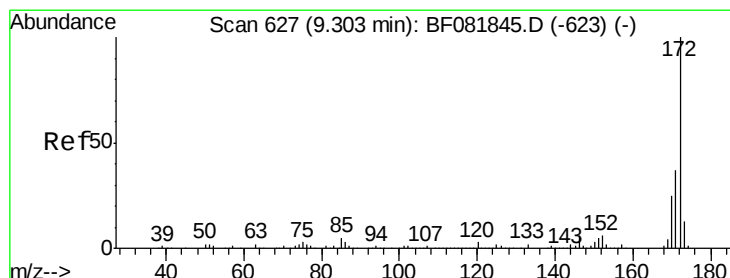
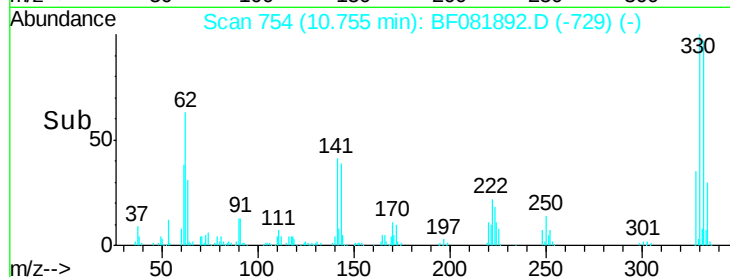
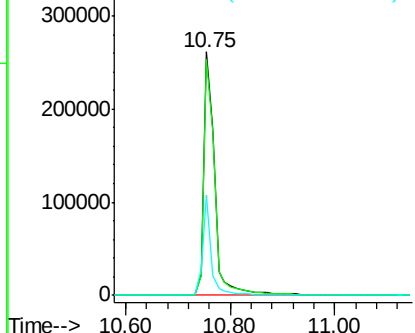
#41
 2,4,6-Tribromophenol
 Concen: 162.00 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF081892.D
 Acq: 29 Sep 2015 21:35

Instrument :
 BNA_F
 ClientSampleId :
 PW-1

Tgt Ion:330 Resp: 377846
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 114.8
 141 33.0 29.7 44.5

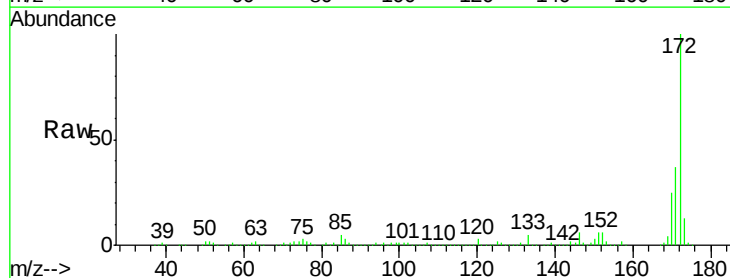


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

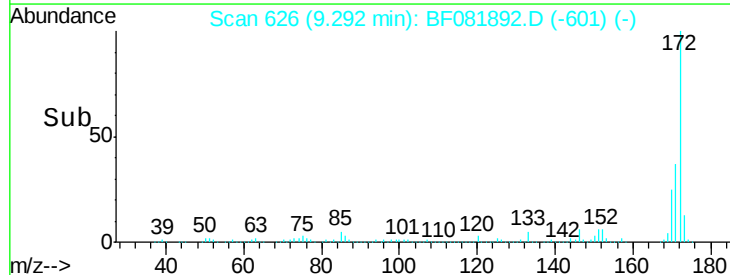
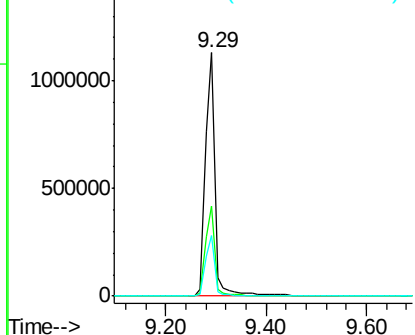


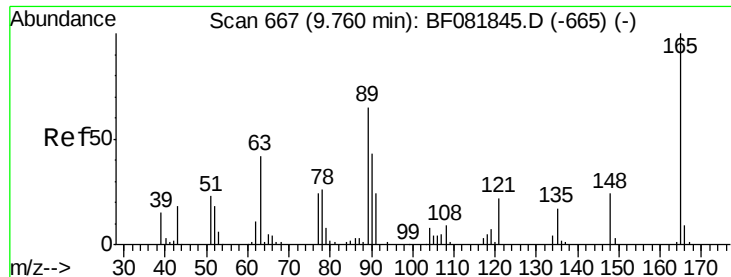
#44
 2-Fluorobiphenyl
 Concen: 118.81 ng
 RT: 9.29 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081892.D
 Acq: 29 Sep 2015 21:35

Tgt Ion:172 Resp: 1511212
 Ion Ratio Lower Upper
 172 100
 171 37.1 26.1 39.1
 170 24.9 17.4 26.2



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

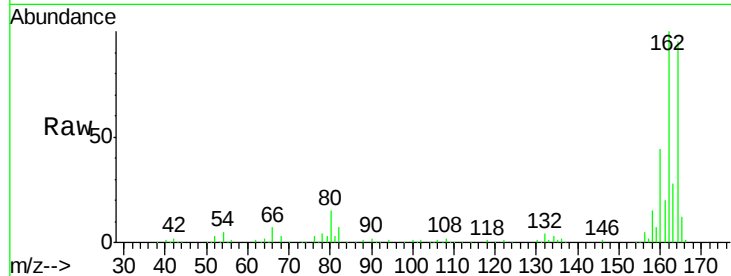




#50
 2,6-Dinitrotoluene
 Concen: 8.11 ng
 RT: 9.97 min Scan# 685
 Delta R.T. 0.21 min
 Lab File: BF081892.D
 Acq: 29 Sep 2015 21:35

Instrument :
 BNA_F
 ClientSampleId :
 PW-1

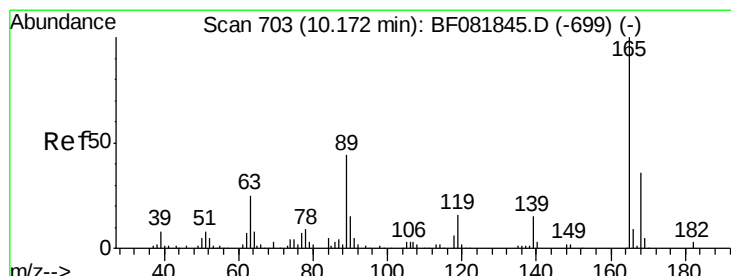
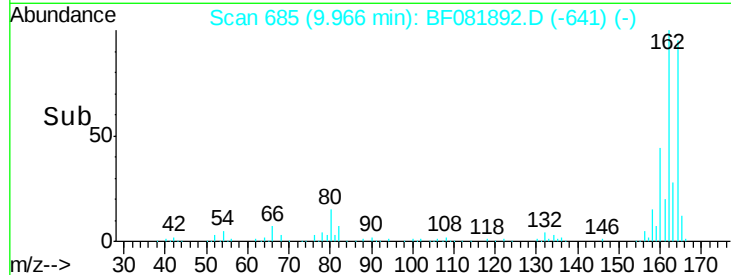
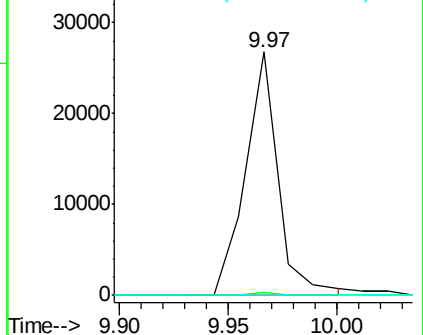
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.3	48.5#
89	0.0	28.6	43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

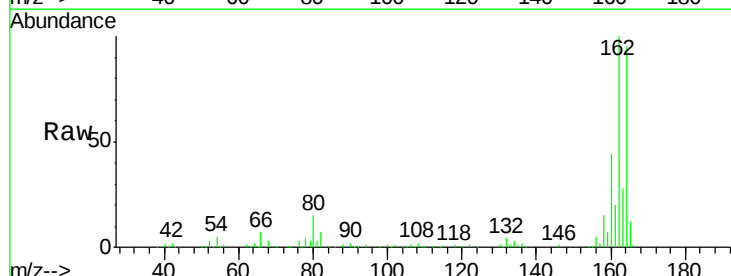
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.51 ng
 RT: 9.97 min Scan# 685
 Delta R.T. -0.21 min
 Lab File: BF081892.D
 Acq: 29 Sep 2015 21:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

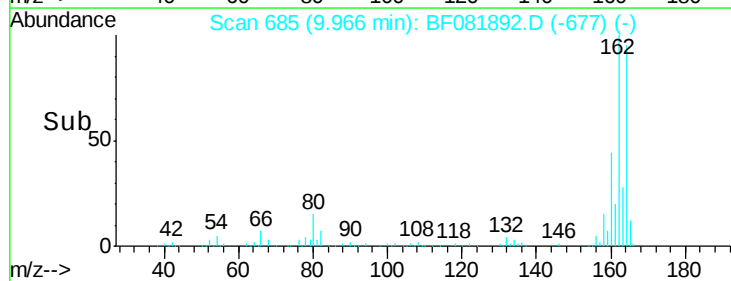
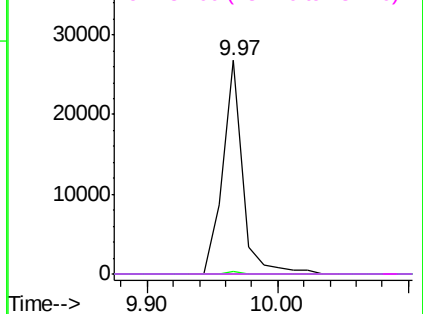


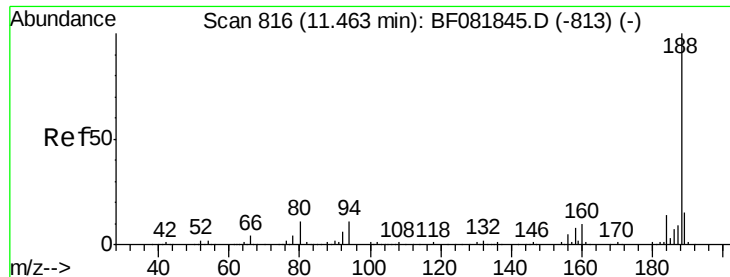
Abundance Ion 165.00 (164.70 to 165.70): E

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

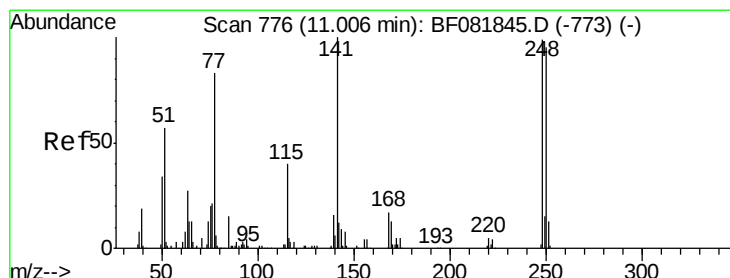
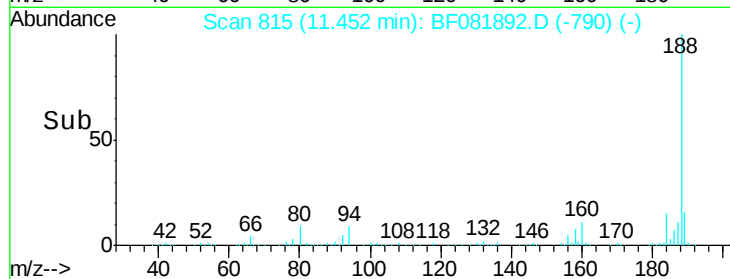
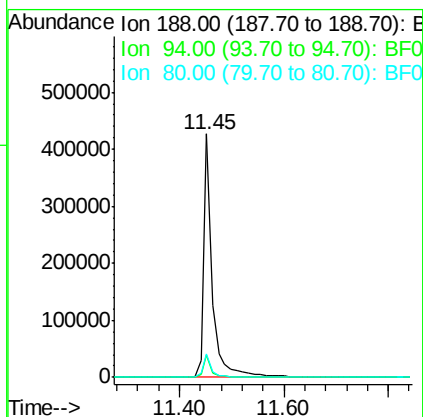
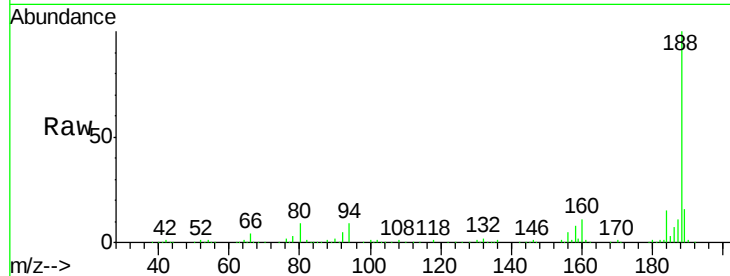




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF081892.D
 Acq: 29 Sep 2015 21:35

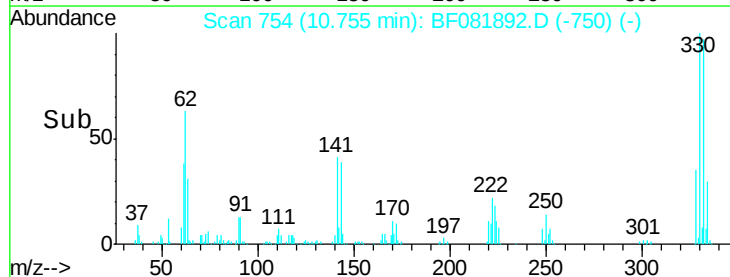
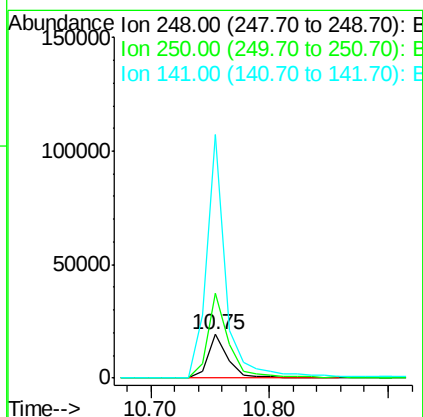
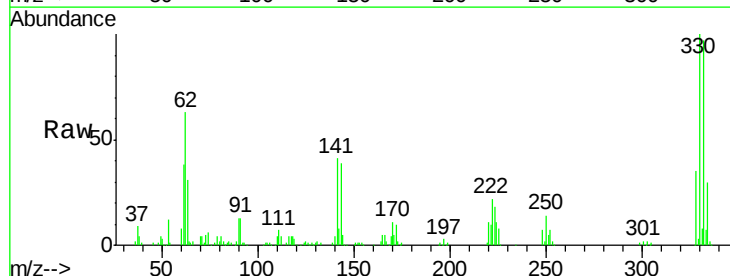
Instrument :
 BNA_F
 ClientSampleId :
 PW-1

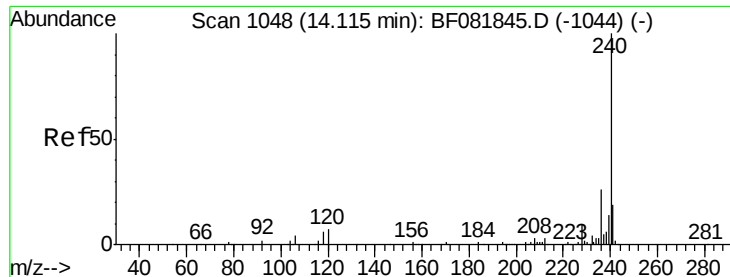
Tgt Ion:188 Resp: 495039
 Ion Ratio Lower Upper
 188 100
 94 8.9 11.1 16.7#
 80 9.4 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 4.66 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.25 min
 Lab File: BF081892.D
 Acq: 29 Sep 2015 21:35

Tgt Ion:248 Resp: 23253
 Ion Ratio Lower Upper
 248 100
 250 195.3 78.5 117.7#
 141 557.1 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BF081892.D

Acq: 29 Sep 2015 21:35

Instrument :

BNA_F

ClientSampleId :

PW-1

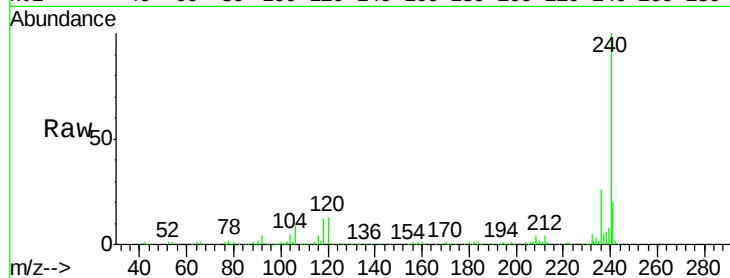
Tgt Ion:240 Resp: 506106

Ion Ratio Lower Upper

240 100

120 13.0 16.2 24.2#

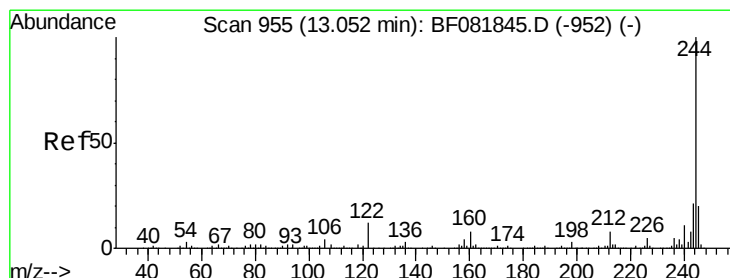
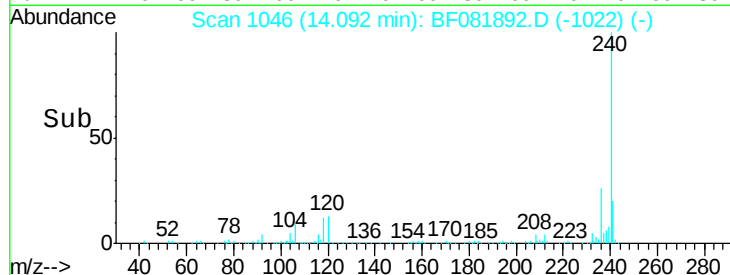
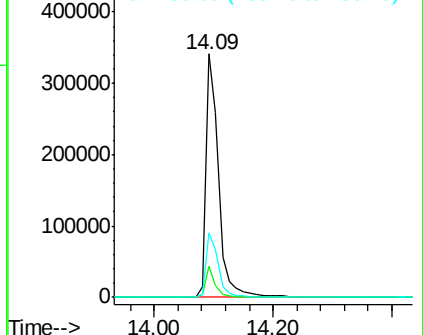
236 26.3 18.4 27.6



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: 126.42 ng

RT: 13.05 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF081892.D

Acq: 29 Sep 2015 21:35

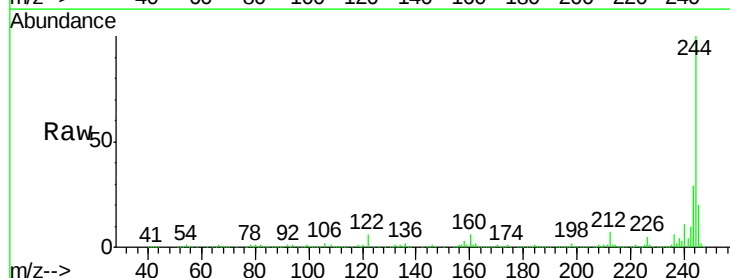
Tgt Ion:244 Resp: 1722625

Ion Ratio Lower Upper

244 100

212 7.2 4.3 6.5#

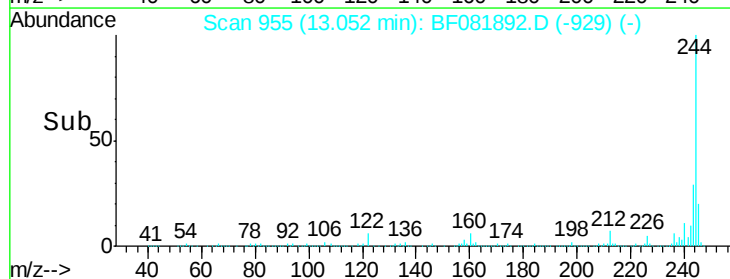
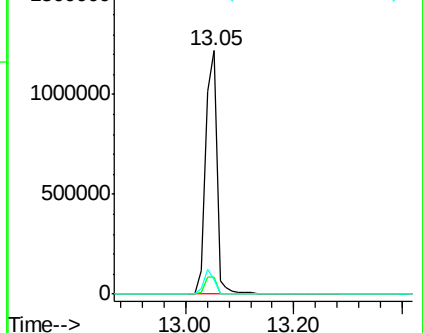
122 6.2 17.4 26.2#

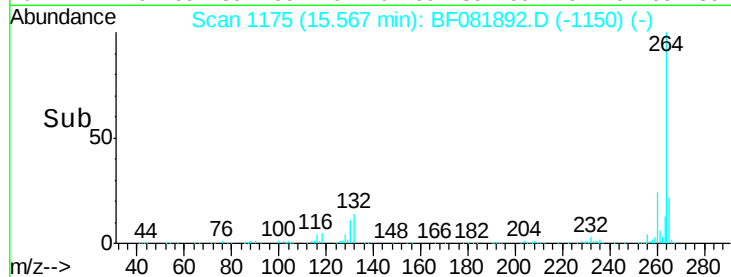
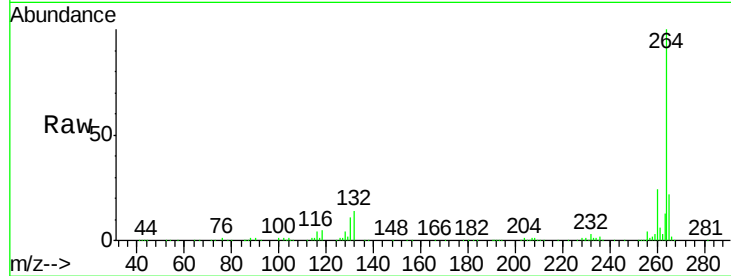
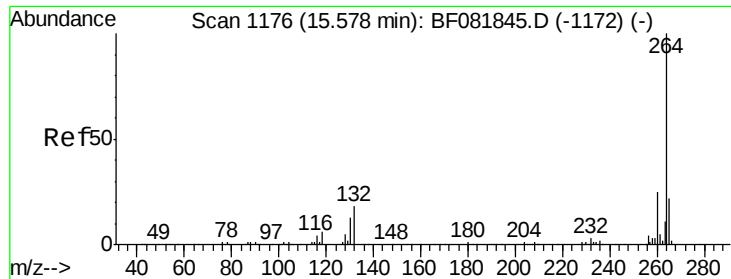


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.57 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF081892.D
Acq: 29 Sep 2015 21:35

Instrument :
BNA_F
ClientSampleId :
PW-1

Tgt Ion: 264 Resp: 453282
Ion Ratio Lower Upper
264 100
260 24.2 16.7 25.1
265 21.9 17.2 25.8

