

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080900.D
 Acq On : 6 Aug 2015 21:03
 Operator : TP/UM
 Sample : G3196-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 04:02:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 03:17:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	55683	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	201115	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	101420	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	218395	20.00	ng	0.00
75) Chrysene-d12	13.95	240	211206	20.00	ng	-0.01
86) Perylene-d12	15.36	264	190207	20.00	ng	0.00

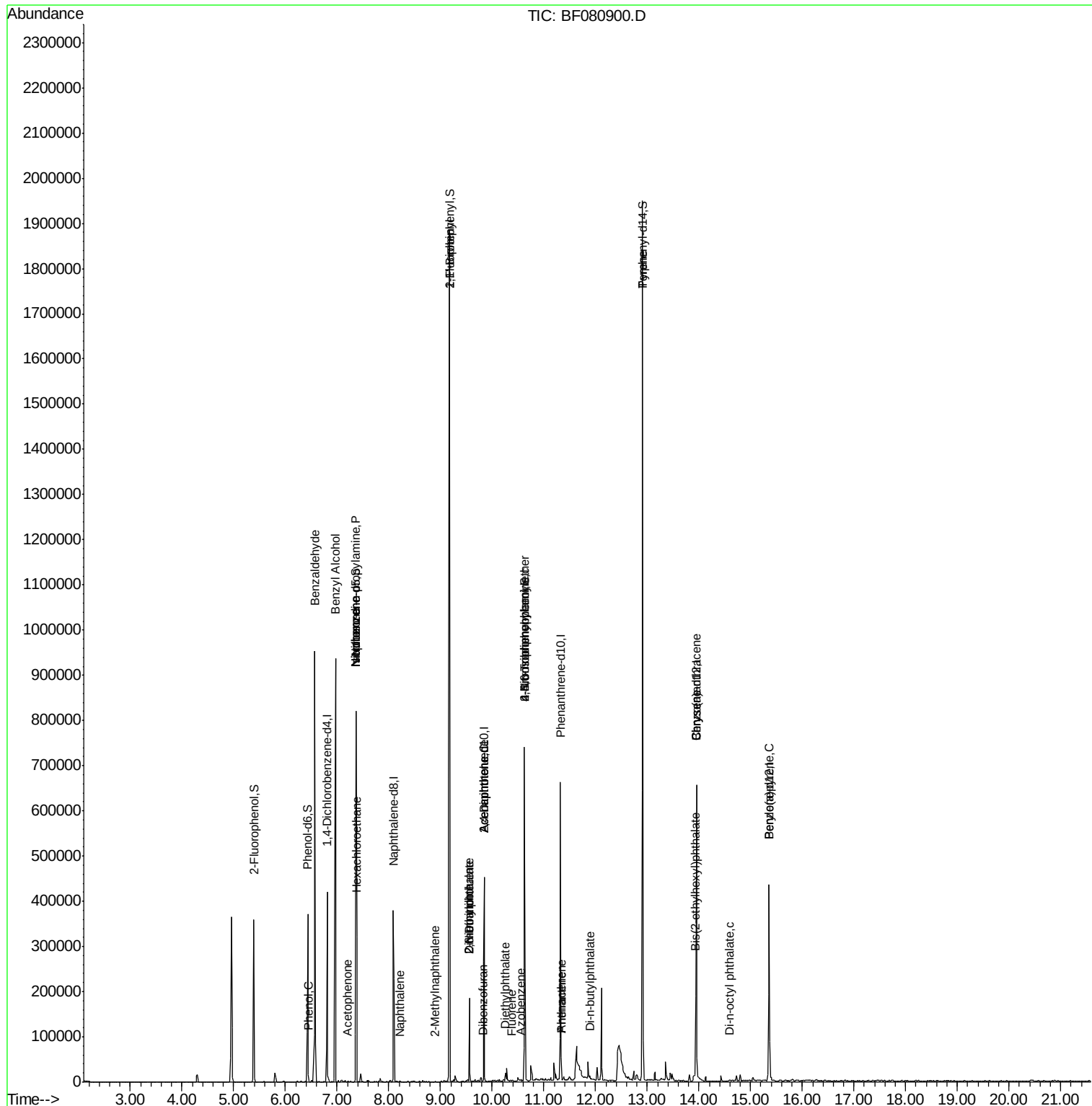
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	125407	35.90	ng	0.00
7) Phenol-d6	6.43	99	122033	25.38	ng	-0.01
23) Nitrobenzene-d5	7.37	82	285028	66.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	84371	77.45	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	585617	82.30	ng	0.00
78) Terphenyl-d14	12.91	244	593057	59.20	ng	0.00

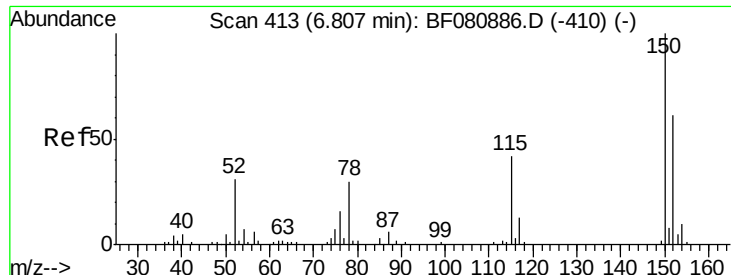
Target Compounds				Qvalue		
9) Benzaldehyde	6.57	77	5446	1.64	ng	80
10) Phenol	6.44	94	1030	0.18	ng	84
15) Benzyl Alcohol	6.97	79	5041	1.32	ng	# 43
18) Hexachloroethane	7.38	117	606	0.36	ng	# 7
19) n-Nitroso-di-n-propylamine	7.37	70	37204	10.87	ng	# 78
22) Acetophenone	7.21	105	1280	0.25	ng	# 63
24) Nitrobenzene	7.37	77	780	0.18	ng	# 47
25) Isophorone	7.37	82	262049	32.02	ng	# 67
31) Naphthalene	8.21	128	226	0.02	ng	# 1
37) 2-Methylnaphthalene	8.90	142	442	0.07	ng	# 63
45) 1,1'-Biphenyl	9.17	154	1067	0.12	ng	# 1
47) 2-Nitroaniline	9.56	65	724	0.27	ng	# 1
49) Dimethylphthalate	9.56	163	62143	7.72	ng	100
50) 2,6-Dinitrotoluene	9.56	165	587	0.34	ng	# 1
51) Acenaphthene	9.85	154	285	0.04	ng	# 4
54) Dibenzofuran	9.82	168	329	0.03	ng	# 43
56) 2,4-Dinitrotoluene	9.85	165	13302	5.73	ng	# 8
57) Fluorene	10.38	166	320	0.04	ng	# 89
59) Diethylphthalate	10.26	149	2356	0.27	ng	# 85
62) Azobenzene	10.56	77	480	0.05	ng	# 1
65) n-Nitrosodiphenylamine	10.62	169	3018	0.39	ng	# 44
66) 4-Bromophenyl-phenylether	10.62	248	5109	2.15	ng	# 1
70) Phenanthrene	11.35	178	1435	0.11	ng	# 85
71) Anthracene	11.35	178	1435	0.11	ng	# 85
73) Di-n-butylphthalate	11.89	149	3893	0.25	ng	# 94
77) Pyrene	12.91	202	2206	0.14	ng	# 71
80) Benzo(a)anthracene	13.95	228	366	0.03	ng	# 52
82) Chrysene	13.95	228	366	0.03	ng	# 49
83) Bis(2-ethylhexyl)phthalate	13.94	149	4118	0.40	ng	# 94
84) Di-n-octyl phthalate	14.59	149	268	0.01	ng	# 1
89) Benzo(a)pyrene	15.36	252	389	0.03	ng	# 60

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

```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\  
Data File : BF080900.D  
Acq On    : 6 Aug 2015 21:03  
Operator  : TP/UM  
Sample    : G3196-01  
Misc      :  
ALS Vial  : 18 Sample Multiplier: 1
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Quant Time: Aug 07 04:02:01 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 07 03:17:12 2015
Response via : Initial Calibration



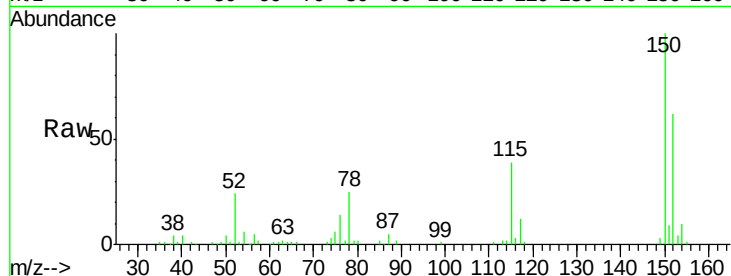


#1

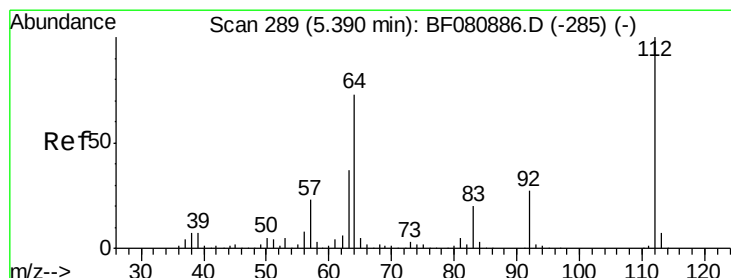
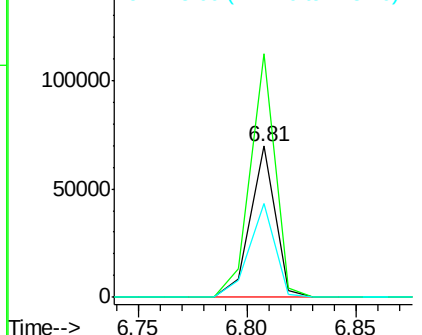
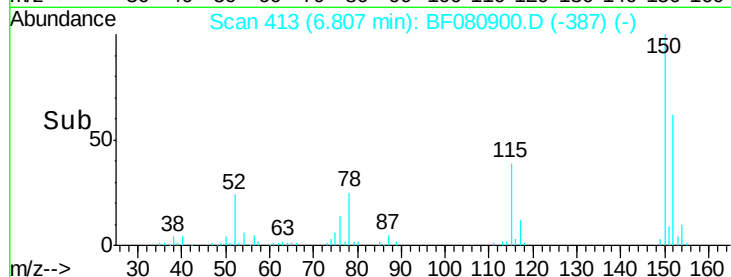
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF080900.D
Acq: 6 Aug 2015 21:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	132.2	198.2
115	62.2	54.9	82.3



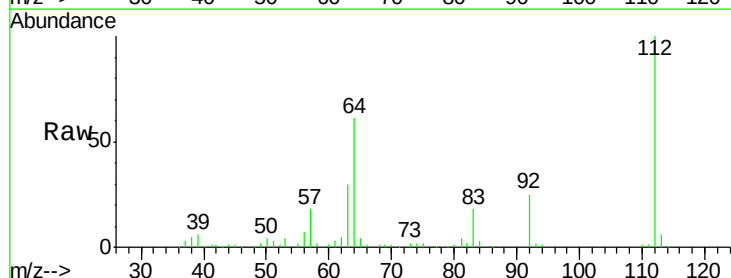
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



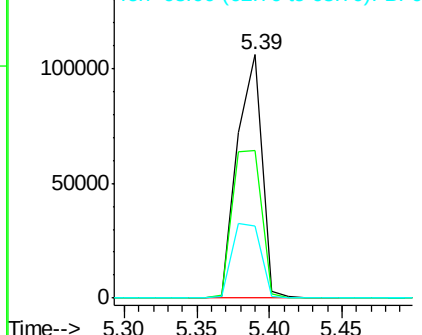
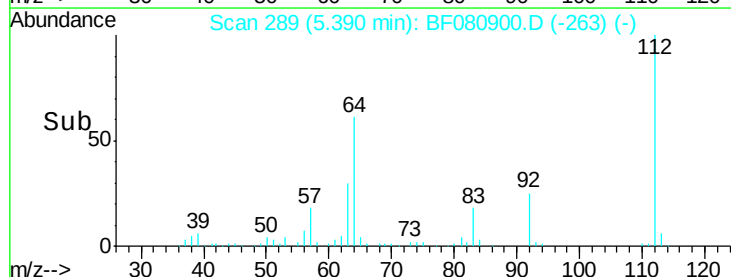
#5

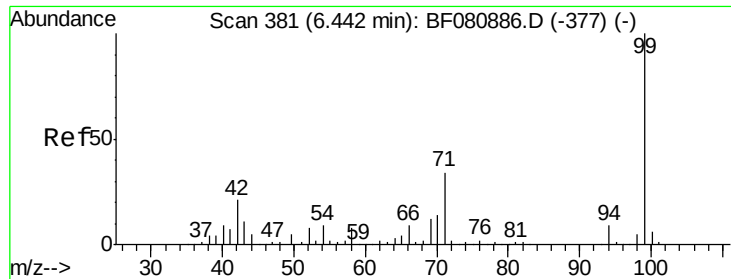
2-Fluorophenol
Concen: 35.90 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.00 min
Lab File: BF080900.D
Acq: 6 Aug 2015 21:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	58.0	87.0
63	29.8	29.8	44.8



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: 25.38 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080900.D

Acq: 6 Aug 2015 21:03

Instrument :

BNA_F

ClientSampleId :

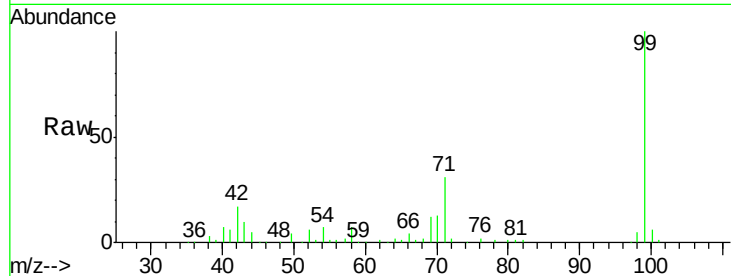
Tot Ion: 99 Resp: 122033

Ion Ratio Lower Upper

99 100

42 17.0 16.8 25.2

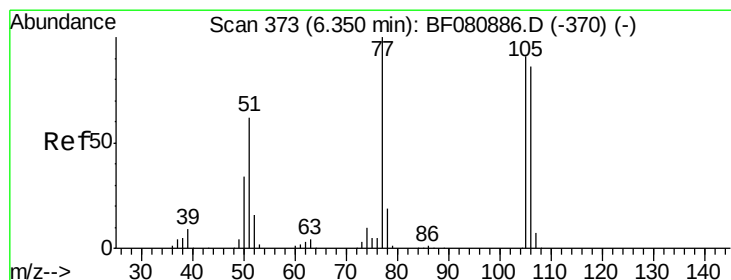
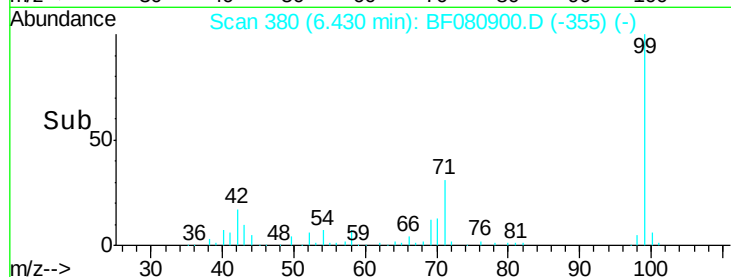
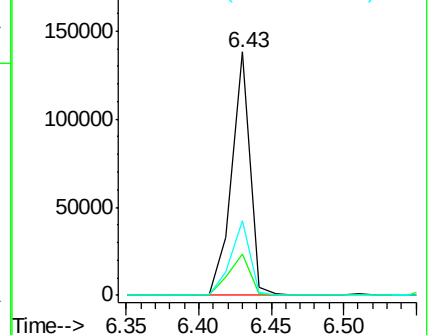
71 30.6 27.4 41.0



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



#9

Benzaldehyde

Concen: 1.64 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.22 min

Lab File: BF080900.D

Acq: 6 Aug 2015 21:03

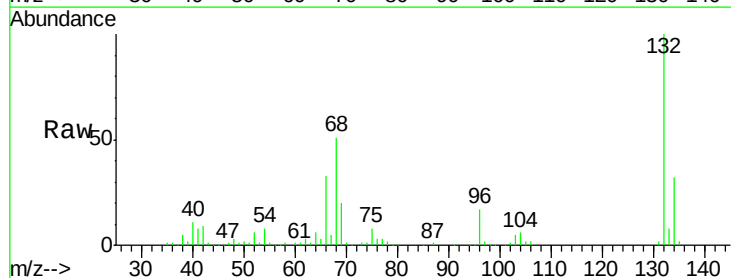
Tgt Ion: 77 Resp: 5446

Ion Ratio Lower Upper

77 100

105 72.6 70.7 110.7

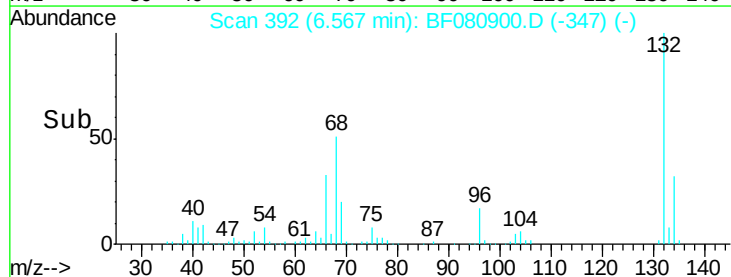
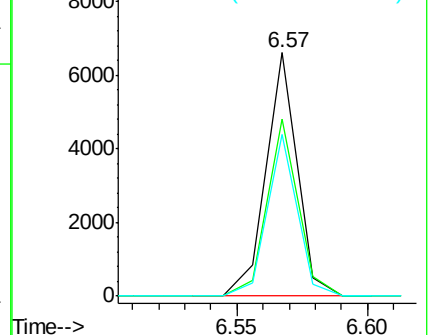
106 66.4 66.1 106.1

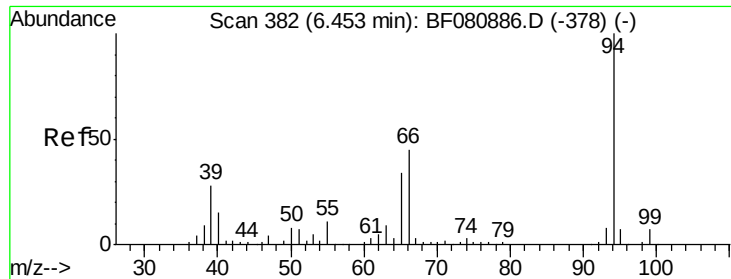


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

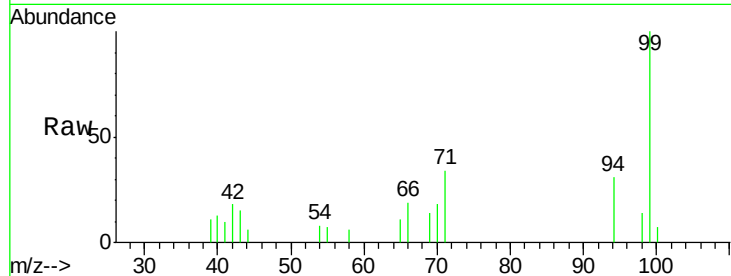




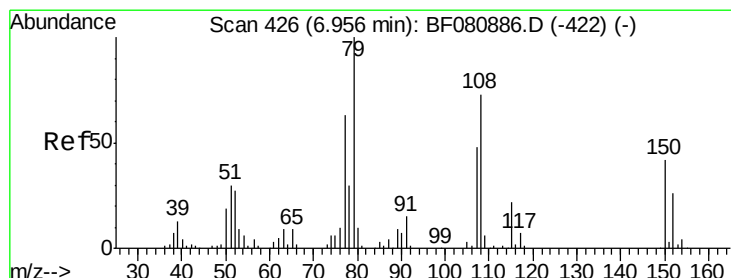
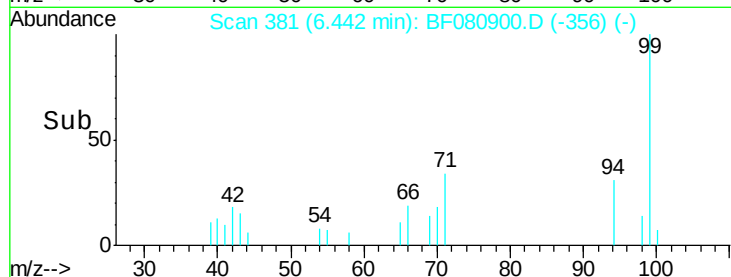
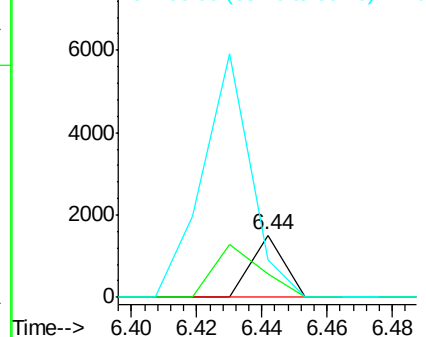
#10
Phenol
Concen: 0.18 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF080900.D
Acq: 6 Aug 2015 21:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 94 Resp: 1030
Ion Ratio Lower Upper
94 100
65 37.3 14.0 54.0
66 60.4 24.6 64.6

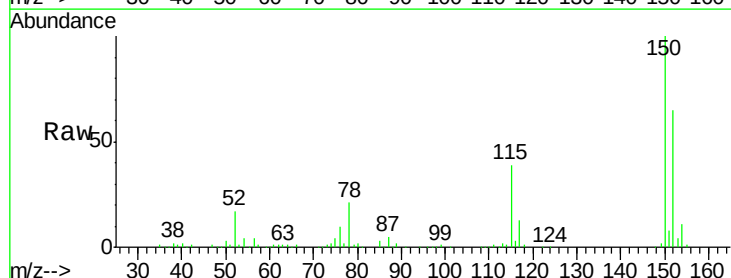


Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

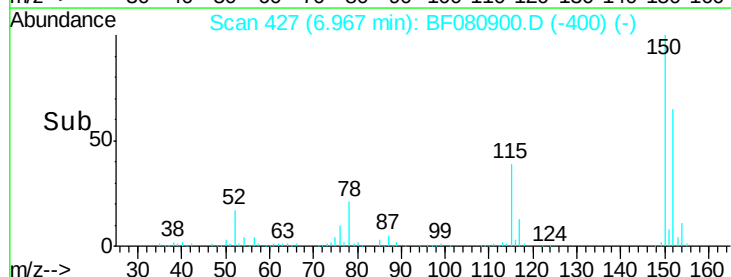
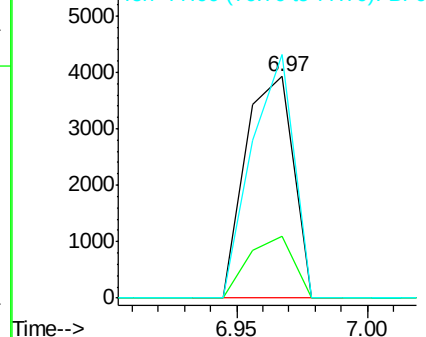


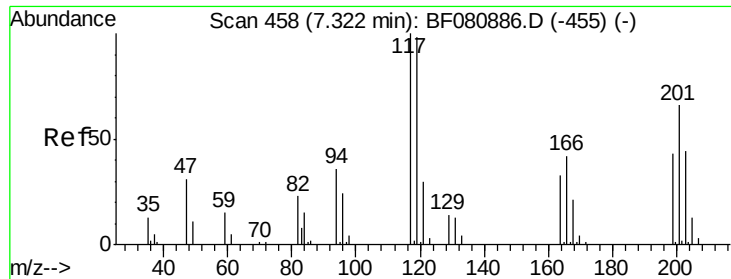
#15
Benzyl Alcohol
Concen: 1.32 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF080900.D
Acq: 6 Aug 2015 21:03

Tgt Ion: 79 Resp: 5041
Ion Ratio Lower Upper
79 100
108 28.2 58.2 87.2#
77 109.9 50.0 75.0#



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

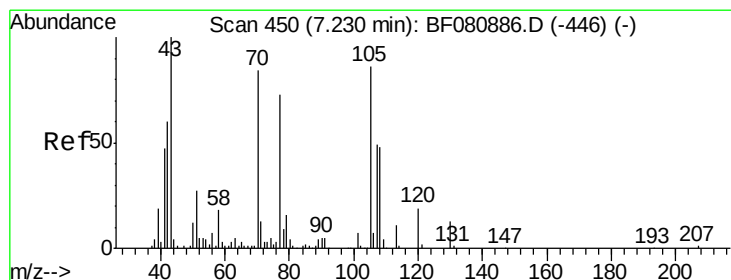
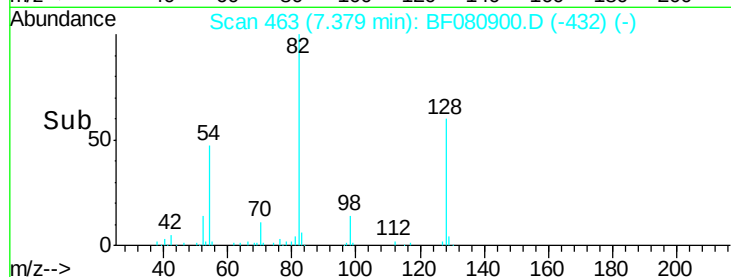
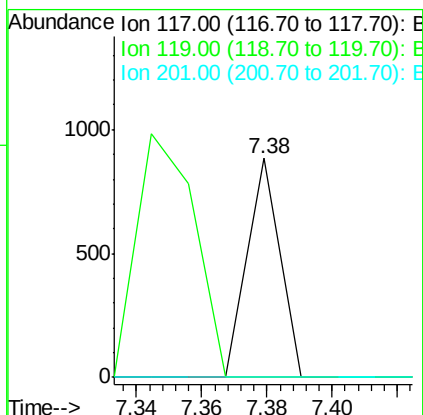
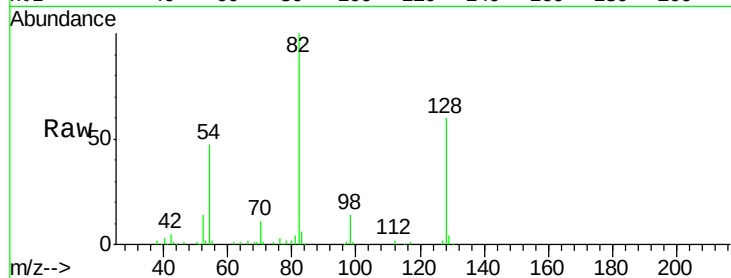




#18
Hexachloroethane
Concen: 0.36 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.06 min
Lab File: BF080900.D
Acq: 6 Aug 2015 21:03

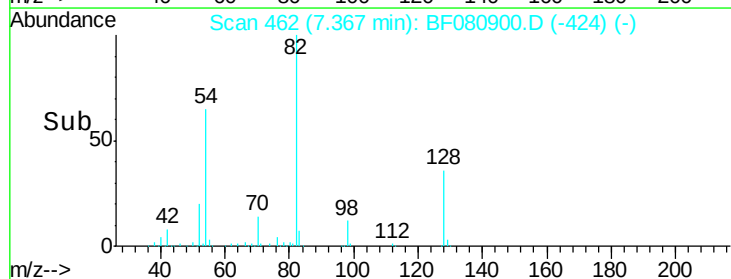
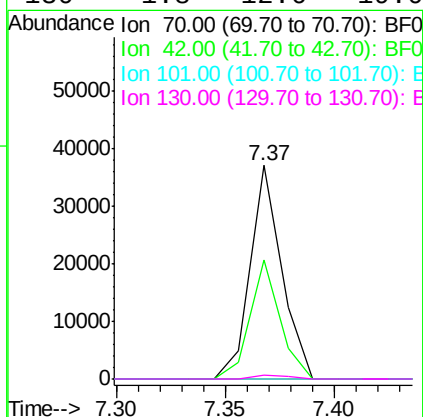
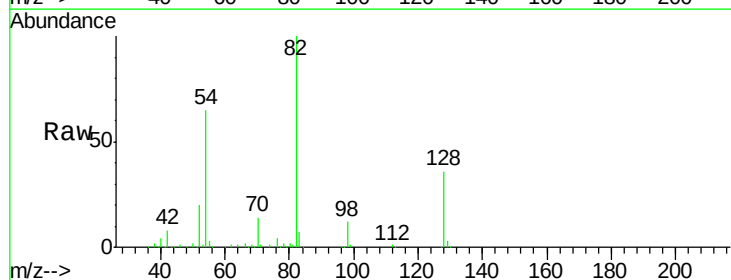
Instrument :
BNA_F
ClientSampleId :

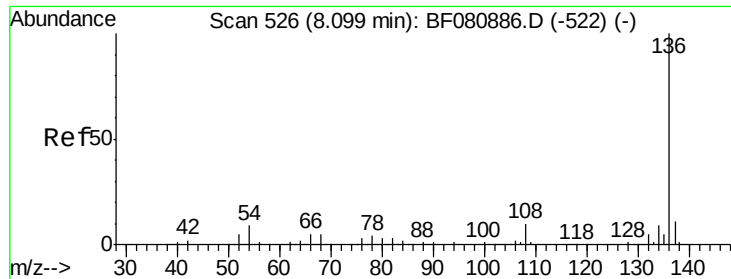
Tot Ion:117 Resp: 606
Ion Ratio Lower Upper
117 100
119 0.0 78.4 117.6#
201 0.0 53.1 79.7#



#19
n-Nitroso-di-n-propylamine
Concen: 10.87 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.14 min
Lab File: BF080900.D
Acq: 6 Aug 2015 21:03

Tgt Ion: 70 Resp: 37204
Ion Ratio Lower Upper
70 100
42 55.6 57.2 85.8#
101 0.0 6.6 9.8#
130 1.8 12.6 19.0#

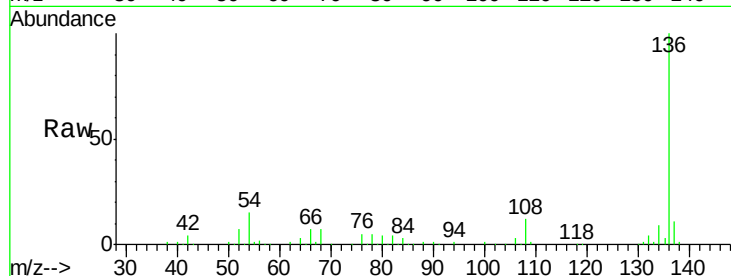




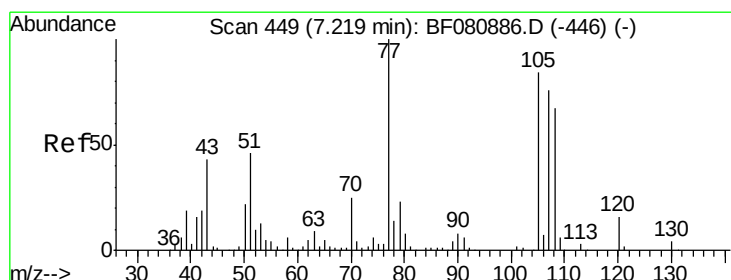
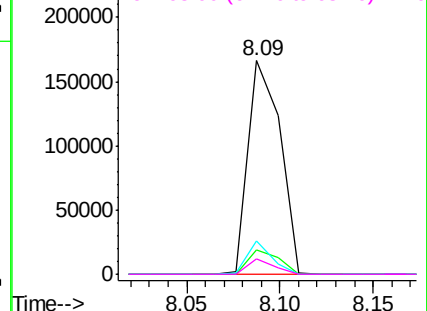
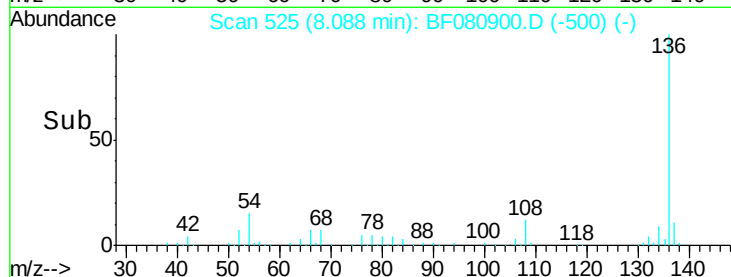
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF080900.D
Acq: 6 Aug 2015 21:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	201115
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.6 12.8
54	15.5	7.5 11.3#
68	7.3	4.2 6.2#

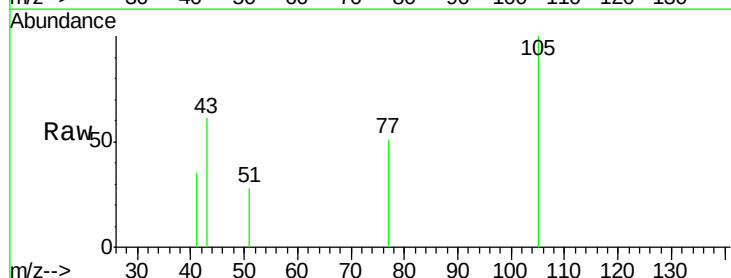


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

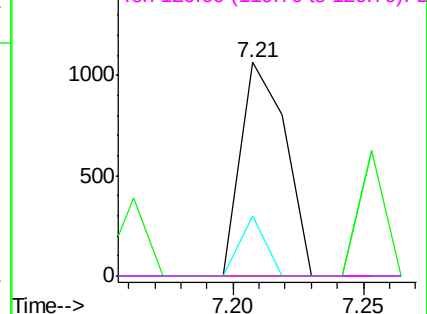
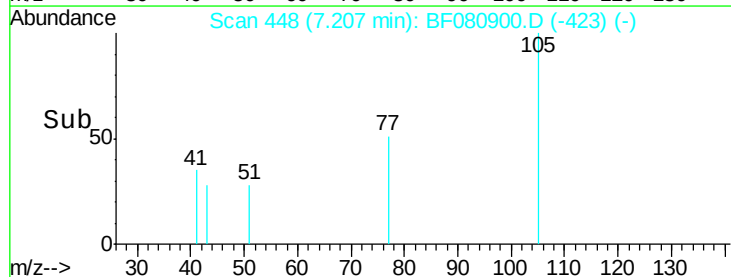


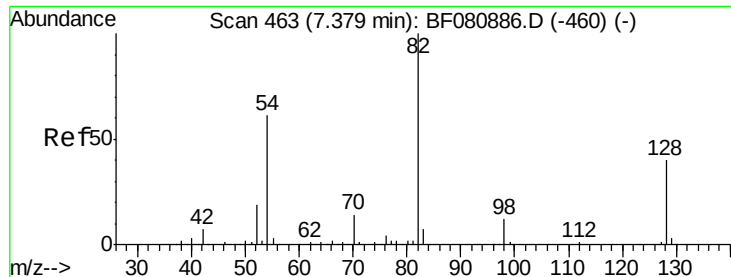
#22
Acetophenone
Concen: 0.25 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF080900.D
Acq: 6 Aug 2015 21:03

Tgt Ion:105	Resp:	1280
Ion Ratio	Lower	Upper
105	100	
71	0.0	3.8 5.8#
51	28.4	44.2 66.4#
120	0.0	15.4 23.0#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

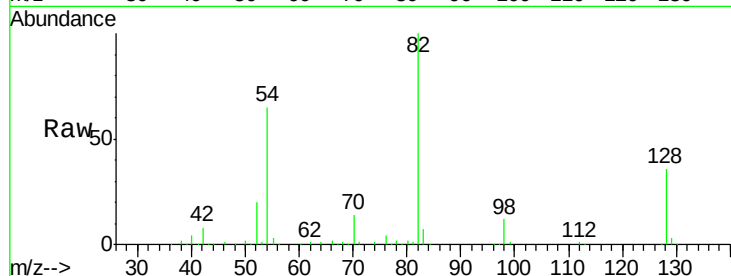




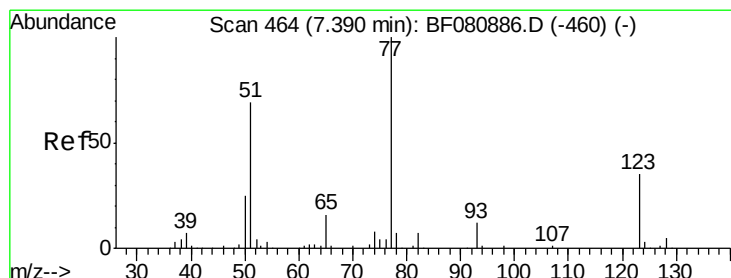
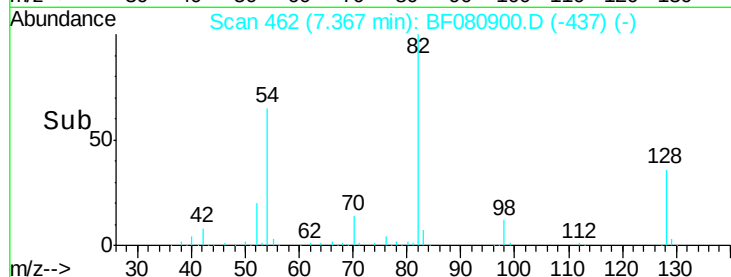
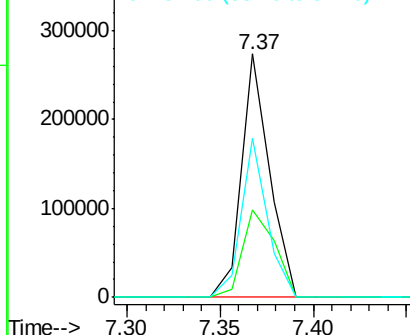
#23
Nitrobenzene-d5
Concen: 66.76 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF080900.D
Acq: 6 Aug 2015 21:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 285028
Ion Ratio Lower Upper
82 100
128 36.1 31.8 47.6
54 65.3 48.6 72.8

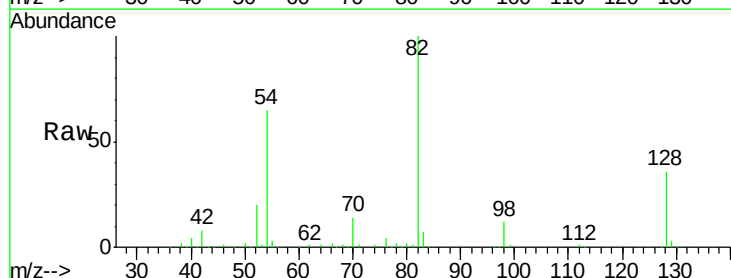


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

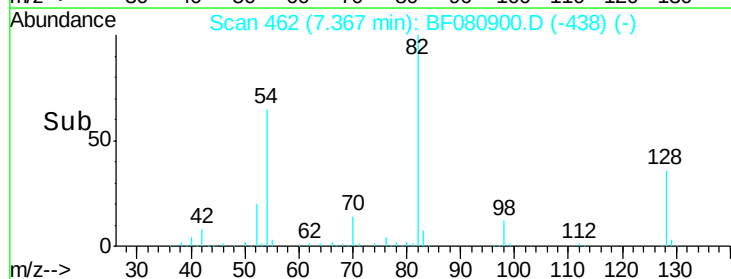
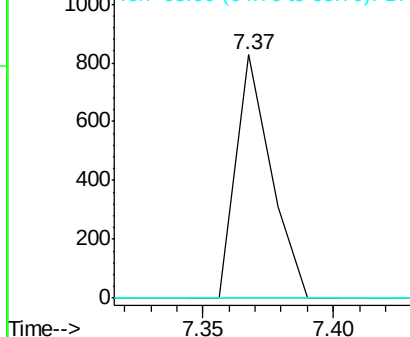


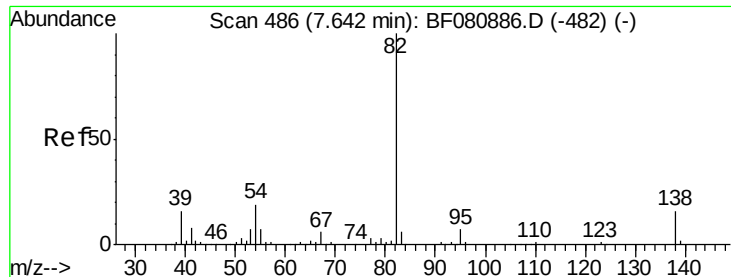
#24
Nitrobenzene
Concen: 0.18 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF080900.D
Acq: 6 Aug 2015 21:03

Tgt Ion: 77 Resp: 780
Ion Ratio Lower Upper
77 100
123 0.0 28.3 42.5#
65 0.0 12.5 18.7#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 32.02 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.27 min

Lab File: BF080900.D

Acq: 6 Aug 2015 21:03

Instrument :

BNA_F

ClientSampled :

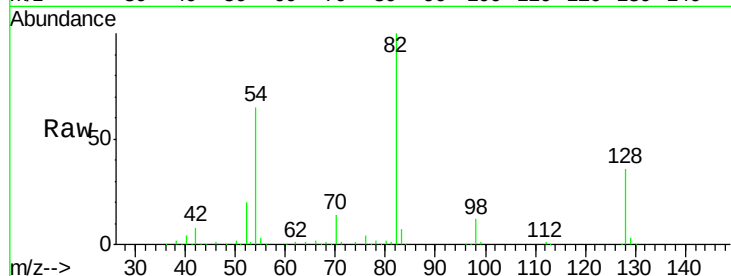
Tot Ion: 82 Resp: 262049

Ion Ratio Lower Upper

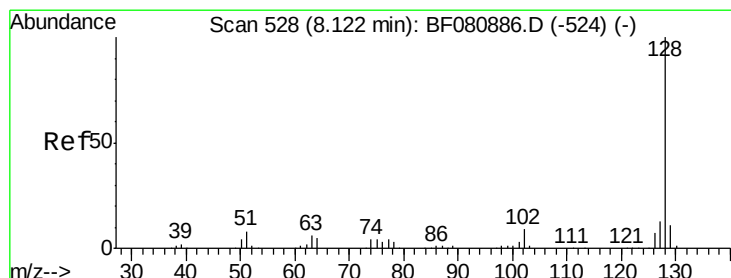
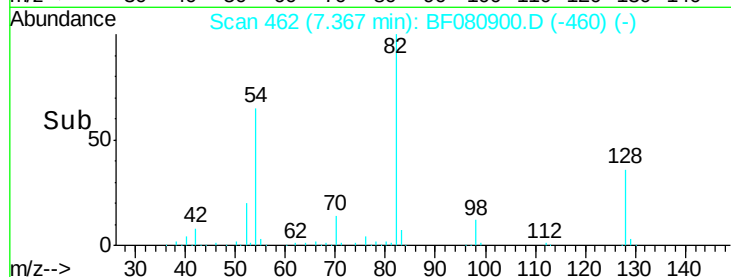
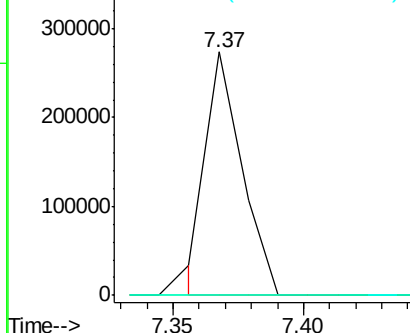
82 100

95 0.0 5.7 8.5#

138 0.0 13.0 19.6#



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): E



#31

Naphthalene

Concen: 0.02 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.09 min

Lab File: BF080900.D

Acq: 6 Aug 2015 21:03

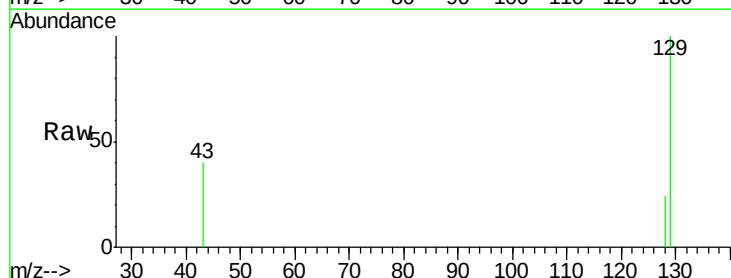
Tgt Ion: 128 Resp: 226

Ion Ratio Lower Upper

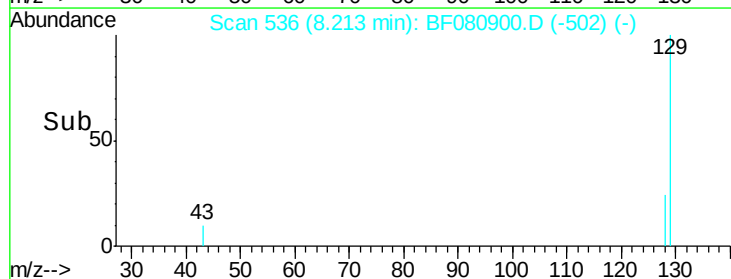
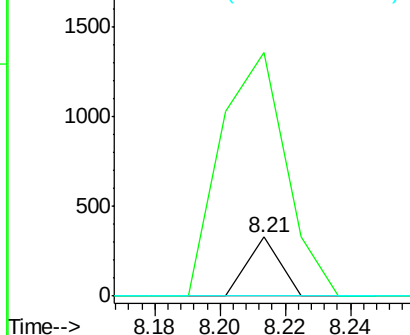
128 100

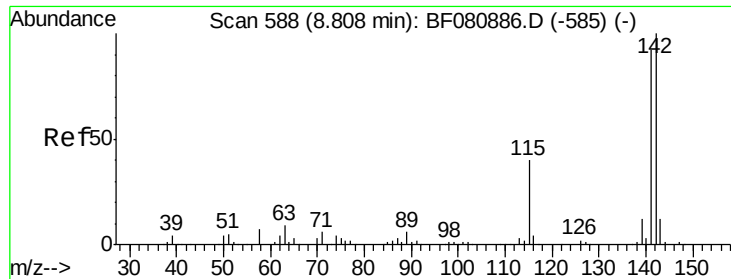
129 411.2 8.6 13.0#

127 0.0 10.6 15.8#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

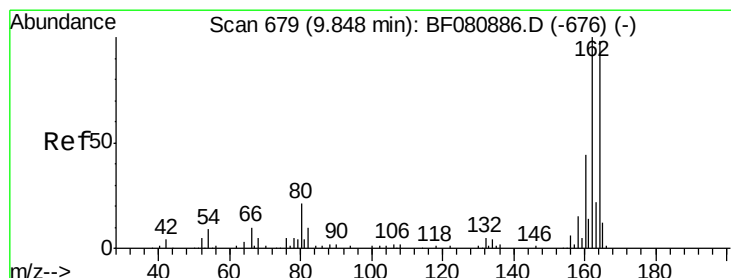
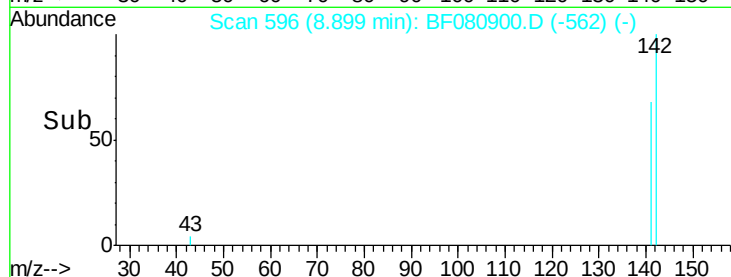
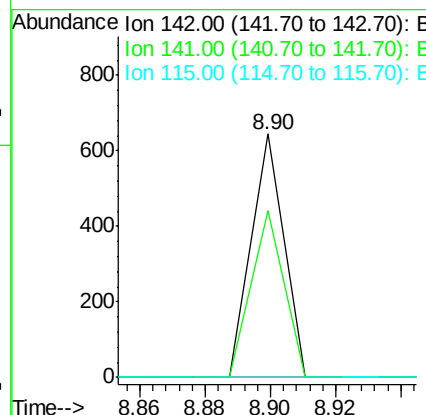
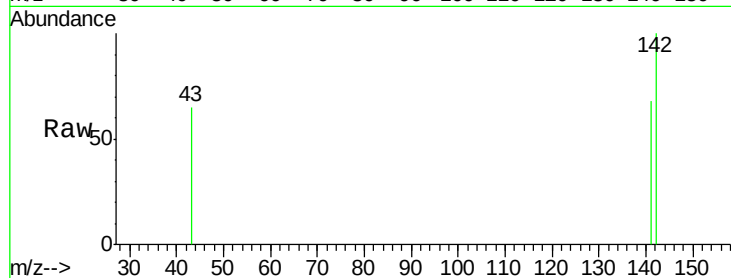




#37
 2-Methylnaphthalene
 Concen: 0.07 ng
 RT: 8.90 min Scan# 596
 Delta R.T. 0.09 min
 Lab File: BF080900.D
 Acq: 6 Aug 2015 21:03

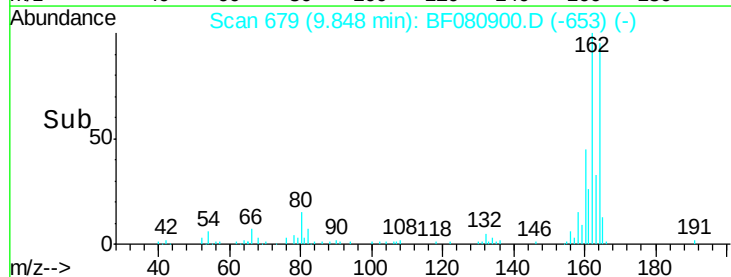
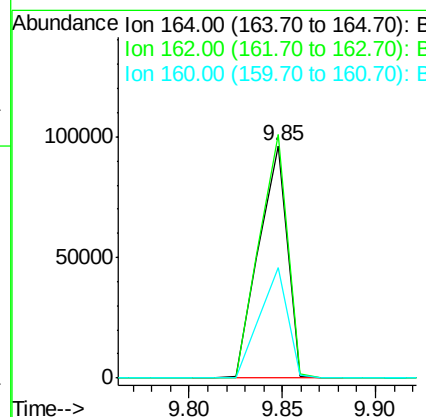
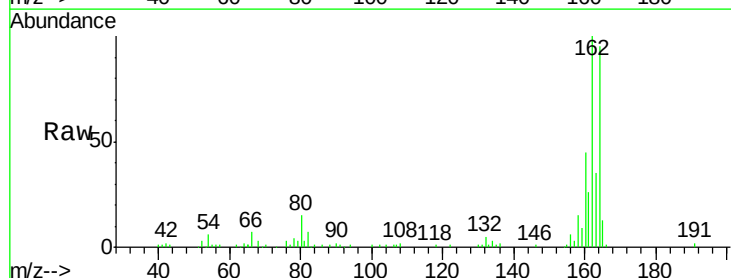
Instrument :
 BNA_F
 ClientSampleId :

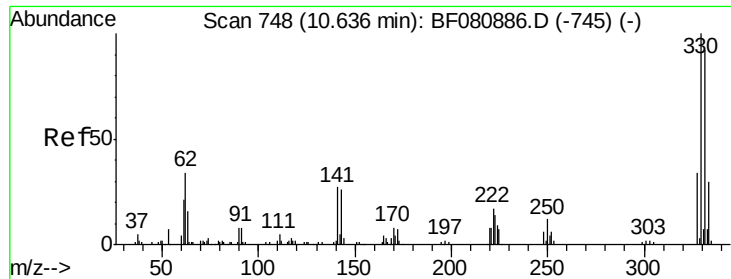
Tot Ion:142 Resp: 442
 Ion Ratio Lower Upper
 142 100
 141 68.4 73.5 110.3#
 115 0.0 32.1 48.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF080900.D
 Acq: 6 Aug 2015 21:03

Tgt Ion:164 Resp: 101420
 Ion Ratio Lower Upper
 164 100
 162 104.8 81.5 122.3
 160 47.4 35.9 53.9

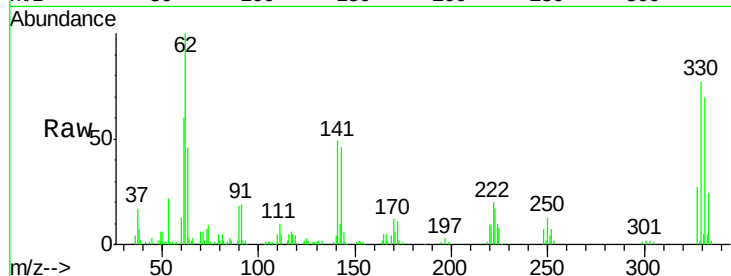




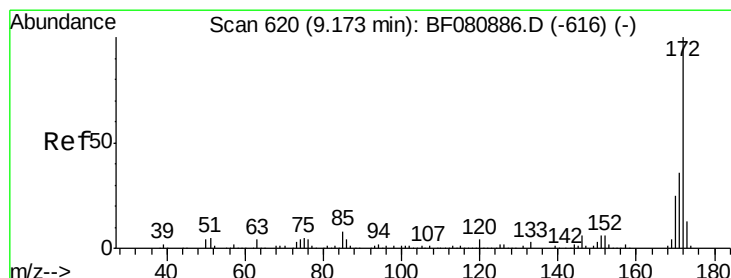
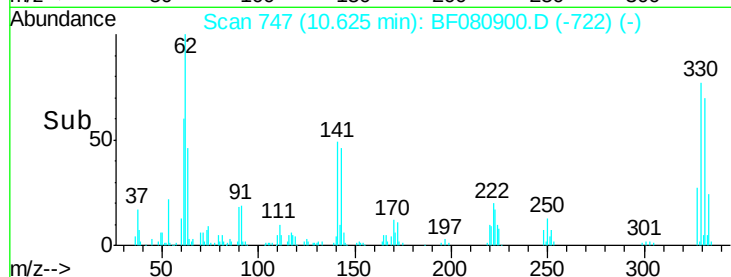
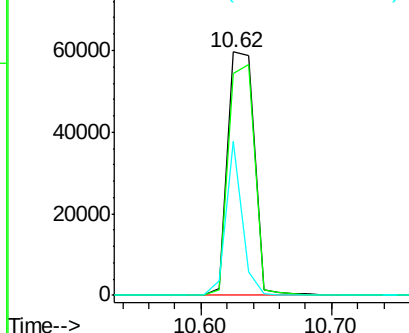
#41
 2,4,6-Tribromophenol
 Concen: 77.45 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF080900.D
 Acq: 6 Aug 2015 21:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	332	141
Resp:	84371		
Ion Ratio	100	93.1	38.6
Lower		74.1	30.1
Upper		111.1	45.1

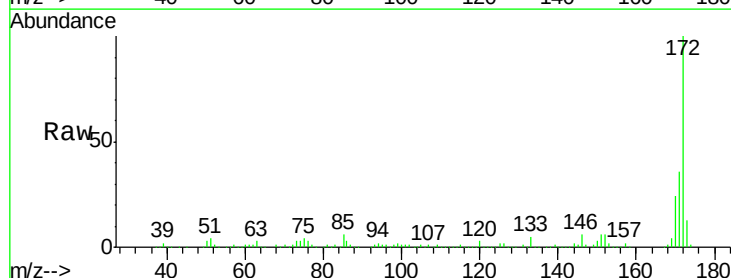


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

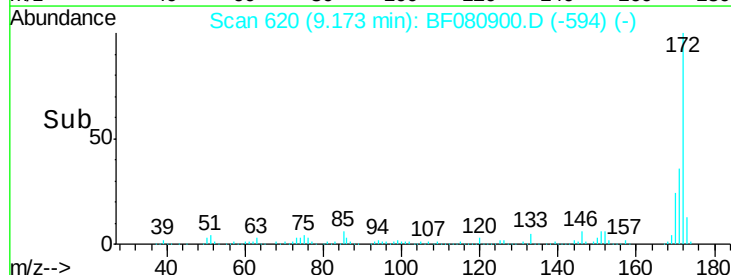
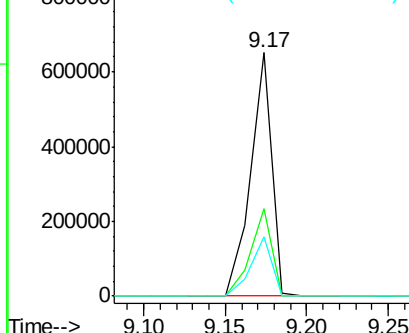


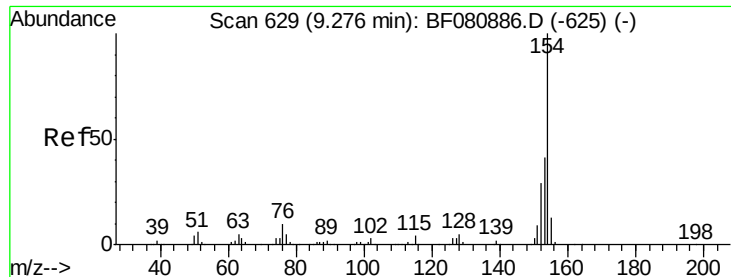
#44
 2-Fluorobiphenyl
 Concen: 82.30 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF080900.D
 Acq: 6 Aug 2015 21:03

Tgt Ion	172	171	170
Resp:	585617		
Ion Ratio	100	35.7	24.1
Lower		29.0	19.9
Upper		43.4	29.9



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





#45

1,1'-Biphenyl

Concen: 0.12 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.10 min

Lab File: BF080900.D

Acq: 6 Aug 2015 21:03

Instrument :

BNA_F

ClientSampled :

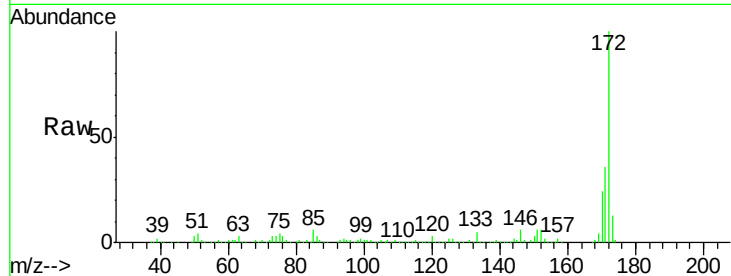
Tot Ion:154 Resp: 1067

Ion Ratio Lower Upper

154 100

153 982.4 20.8 60.8#

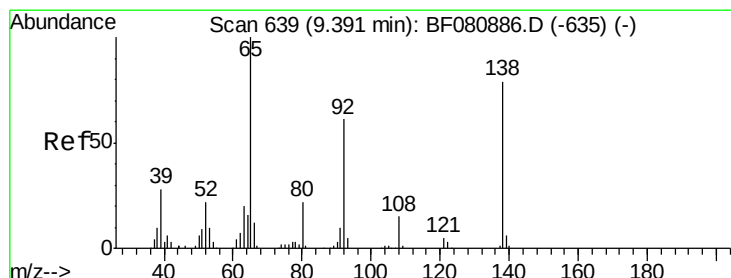
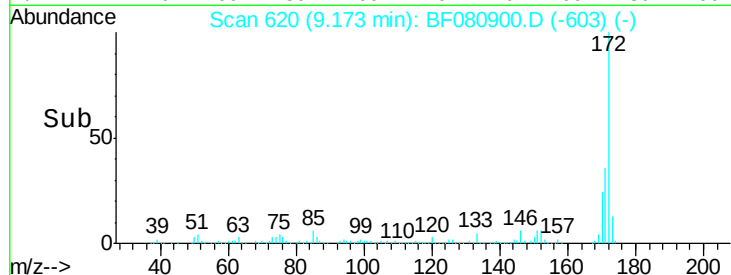
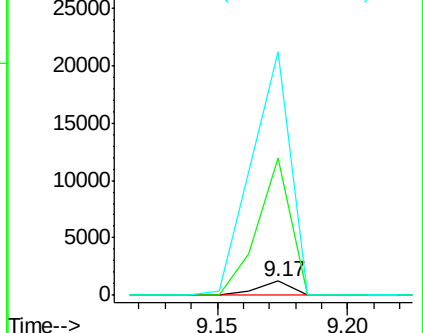
76 1748.5 0.0 30.3#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#47

2-Nitroaniline

Concen: 0.27 ng

RT: 9.56 min Scan# 654

Delta R.T. 0.17 min

Lab File: BF080900.D

Acq: 6 Aug 2015 21:03

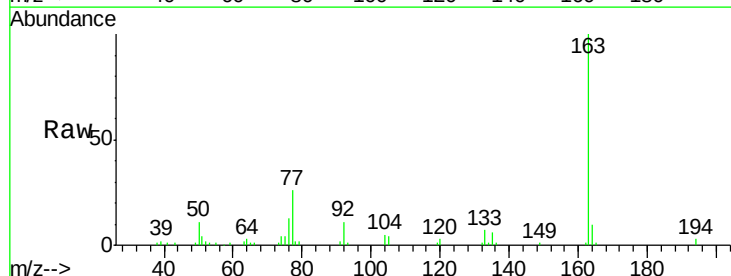
Tgt Ion: 65 Resp: 724

Ion Ratio Lower Upper

65 100

92 817.0 48.5 72.7#

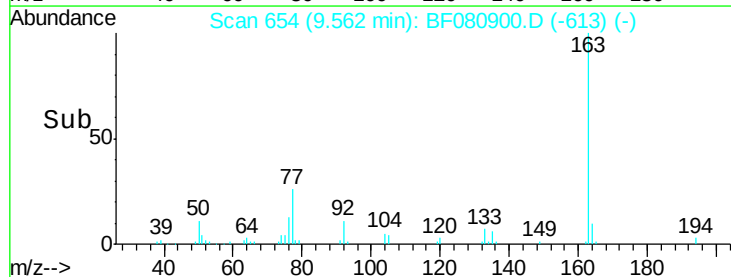
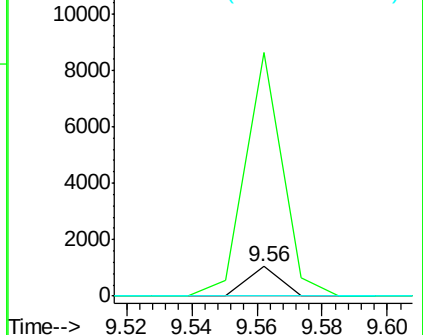
138 0.0 63.3 94.9#

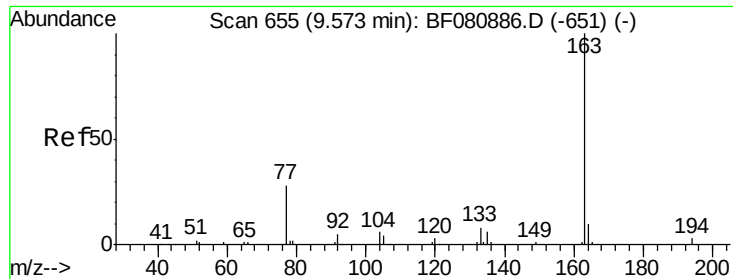


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

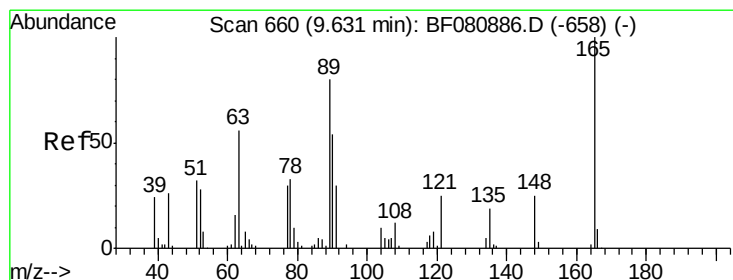
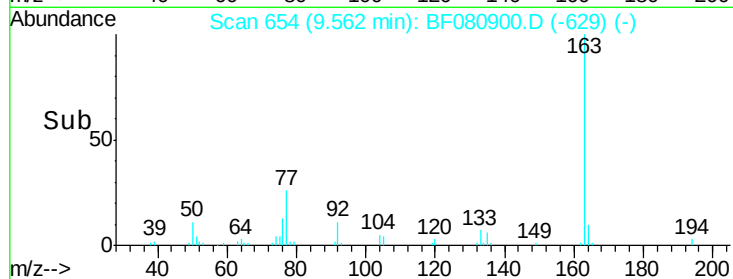
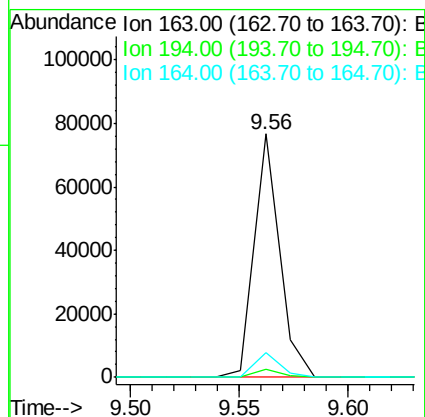
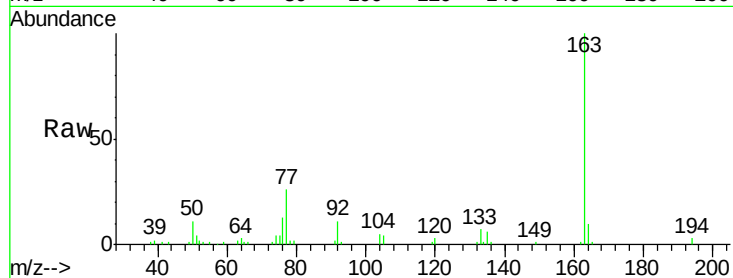




#49
Dimethylphthalate
Concen: 7.72 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF080900.D
Acq: 6 Aug 2015 21:03

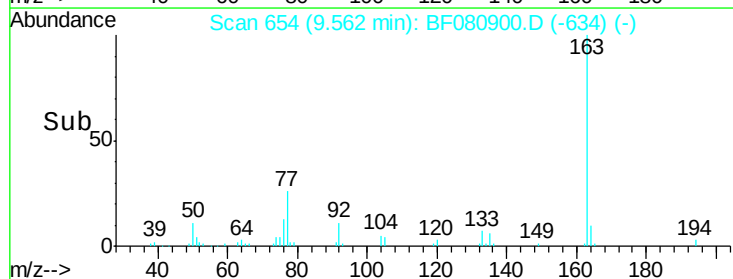
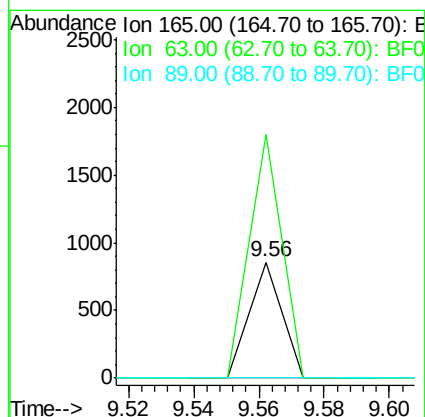
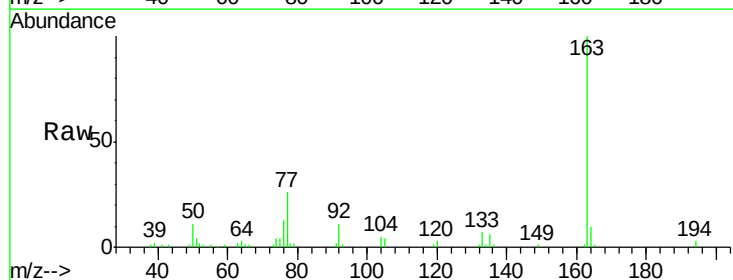
Instrument :
BNA_F
ClientSampled :

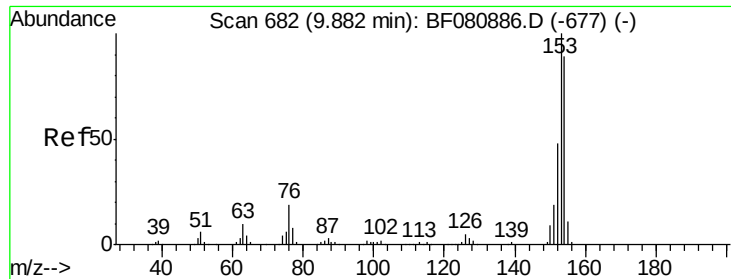
Tot Ion:163 Resp: 62143
Ion Ratio Lower Upper
163 100
194 3.1 2.3 3.5
164 10.3 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 0.34 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.07 min
Lab File: BF080900.D
Acq: 6 Aug 2015 21:03

Tgt Ion:165 Resp: 587
Ion Ratio Lower Upper
165 100
63 210.2 77.6 116.4#
89 0.0 63.7 95.5#





#51

Acenaphthene

Concen: 0.04 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.03 min

Lab File: BF080900.D

Acq: 6 Aug 2015 21:03

Instrument :

BNA_F

ClientSampled :

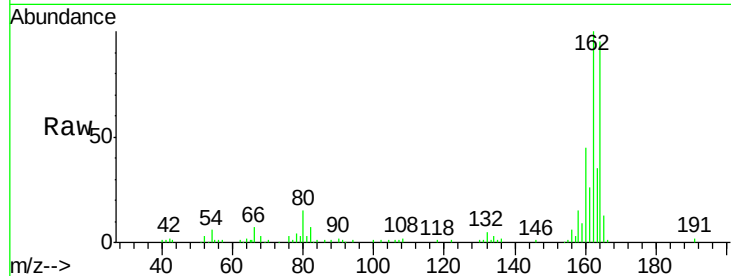
Tot Ion:154 Resp: 285

Ion Ratio Lower Upper

154 100

153 0.0 90.4 135.6#

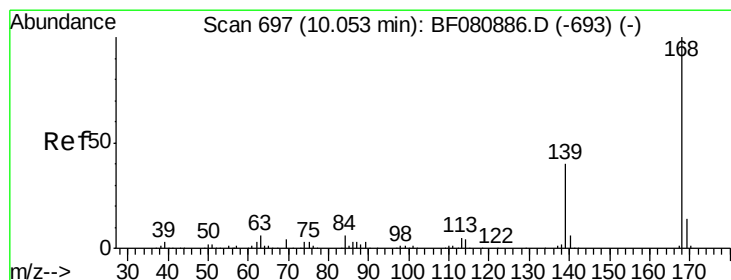
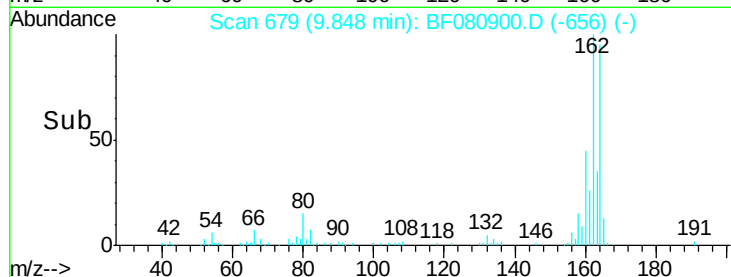
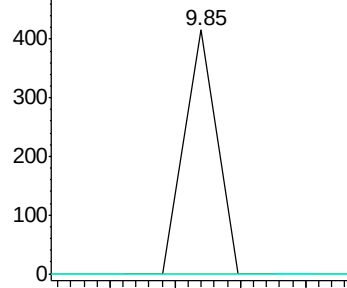
152 0.0 43.6 65.4#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 0.03 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.23 min

Lab File: BF080900.D

Acq: 6 Aug 2015 21:03

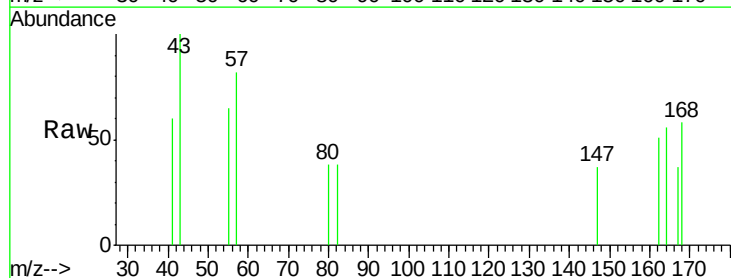
Tgt Ion:168 Resp: 329

Ion Ratio Lower Upper

168 100

139 0.0 31.8 47.8#

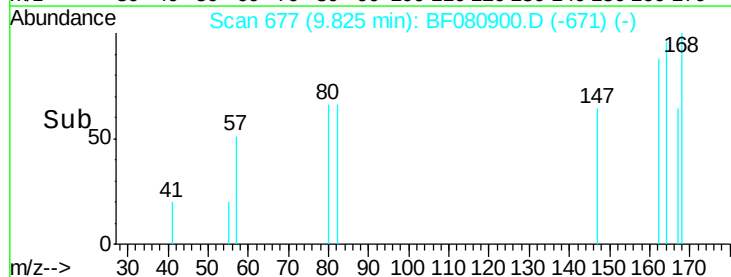
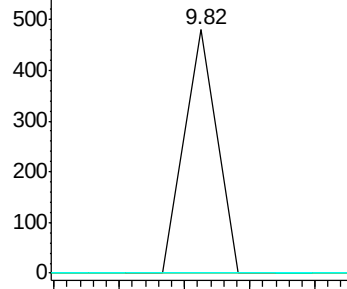
169 0.0 10.8 16.2#

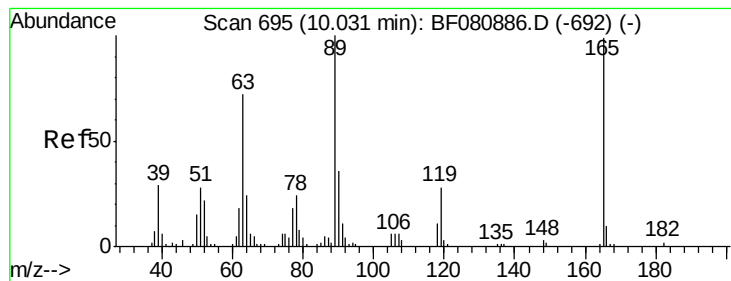


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

2,4-Dinitrotoluene

Concen: 5.73 ng

RT: 9.85 min Scan# 679

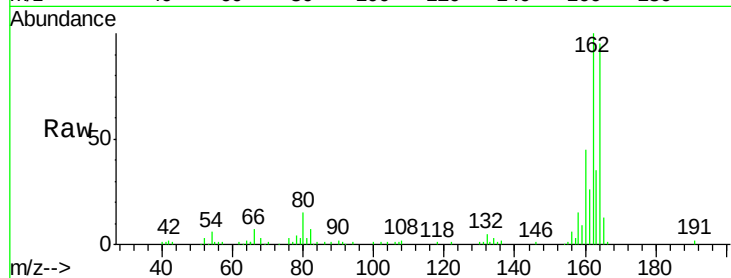
Delta R.T. -0.18 min

Lab File: BF080900.D

Acq: 6 Aug 2015 21:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	13302
Ion Ratio	Lower	Upper
165	100	
63	2.6	58.6 87.8#
89	0.0	80.7 121.1#
182	0.0	1.8 2.8#

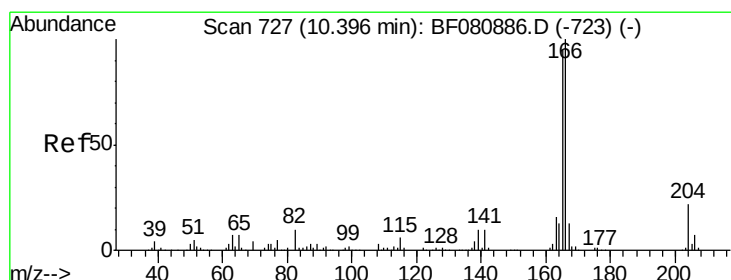
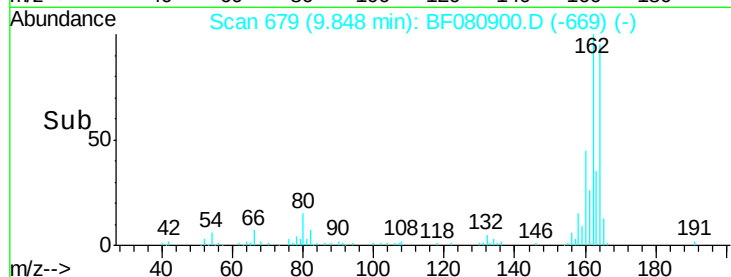
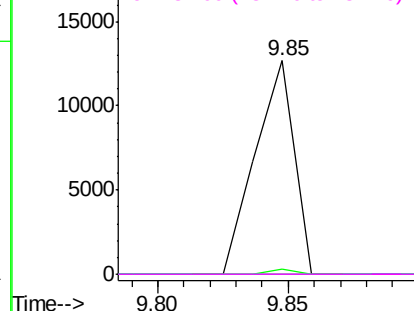


Abundance Ion 165.00 (164.70 to 165.70): E

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



#57

Fluorene

Concen: 0.04 ng

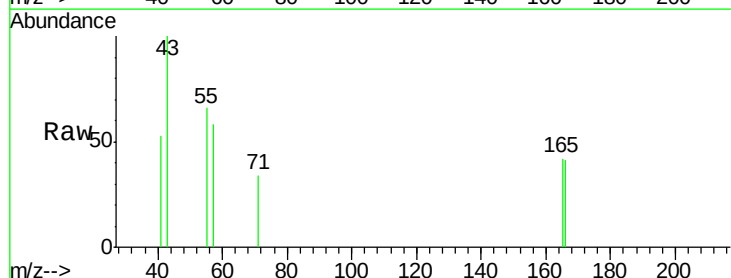
RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF080900.D

Acq: 6 Aug 2015 21:03

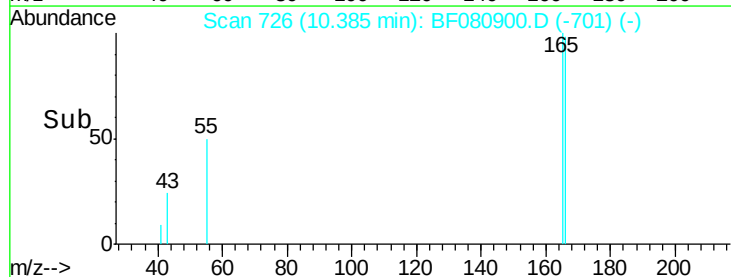
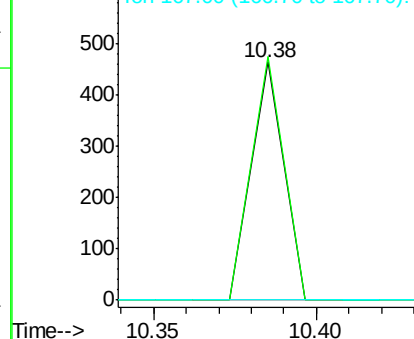
Tgt Ion:166	Resp:	320
Ion Ratio	Lower	Upper
166	100	
165	102.1	75.9 113.9
167	0.0	10.8 16.2#

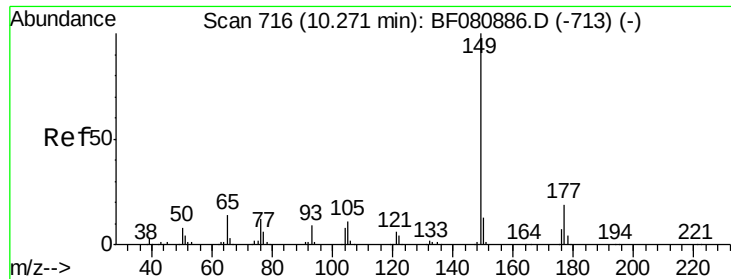


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

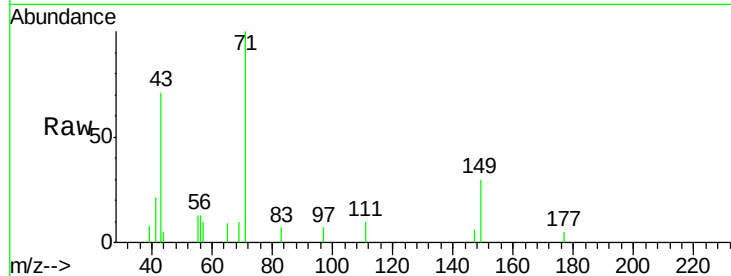




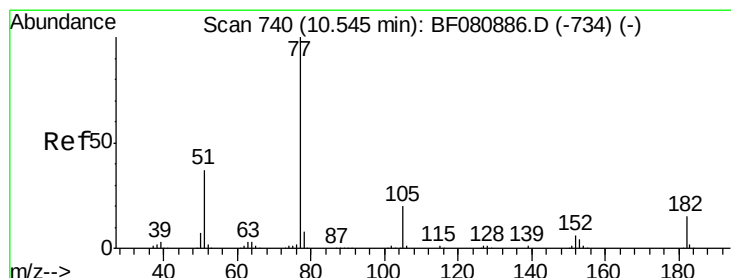
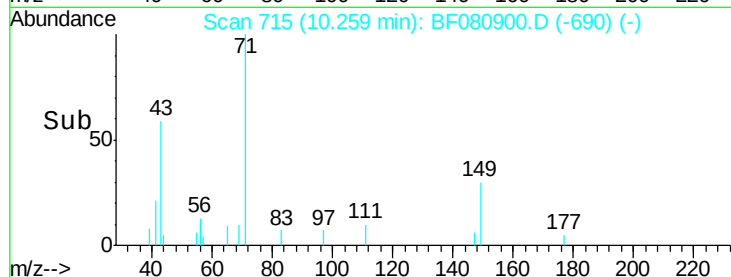
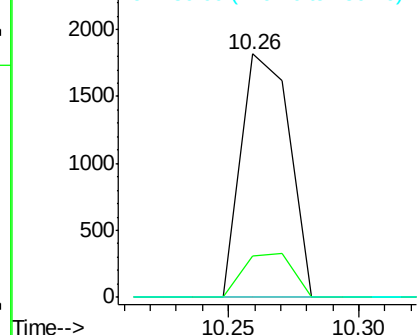
#59
Diethylphthalate
Concen: 0.27 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF080900.D
Acq: 6 Aug 2015 21:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	16.8	14.9	22.3
150	0.0	10.1	15.1#

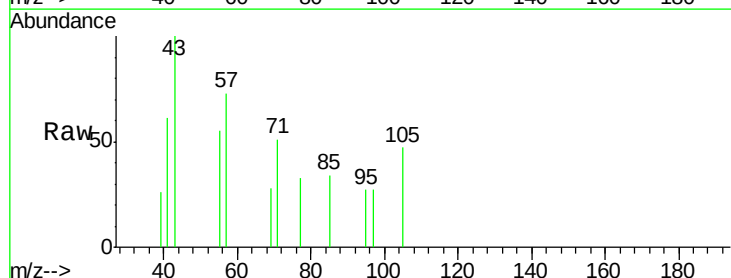


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

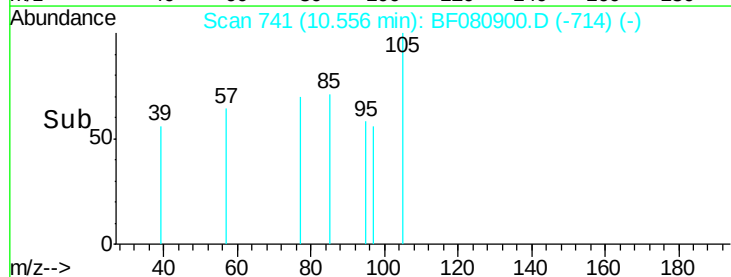
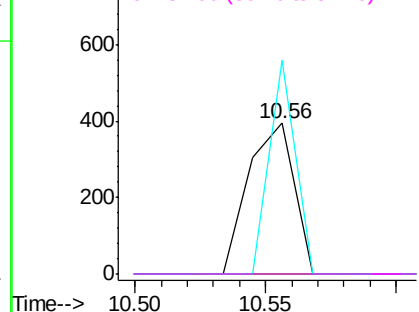


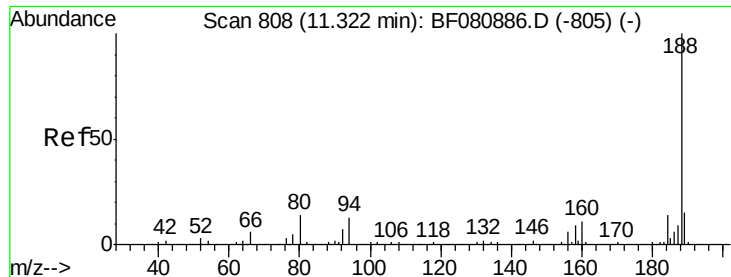
#62
Azobenzene
Concen: 0.05 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF080900.D
Acq: 6 Aug 2015 21:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.0	34.5
105	141.9	0.2	40.2#
51	0.0	16.7	56.7#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

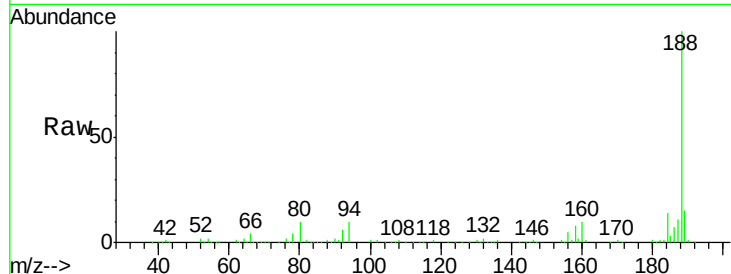




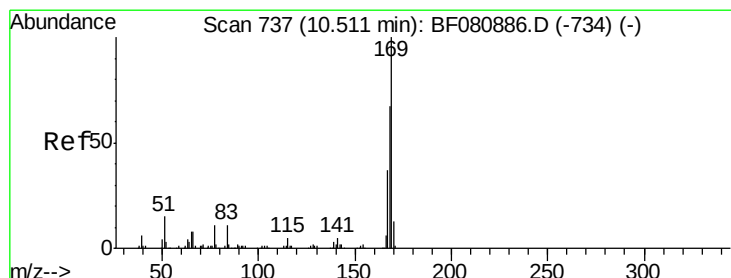
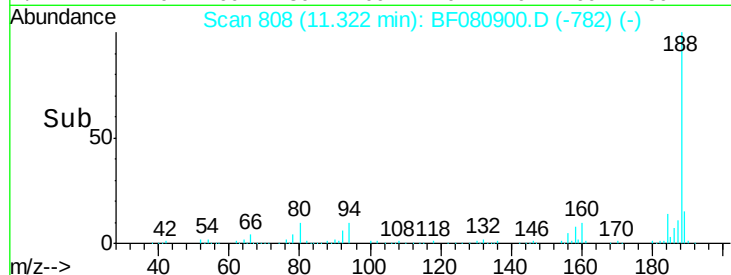
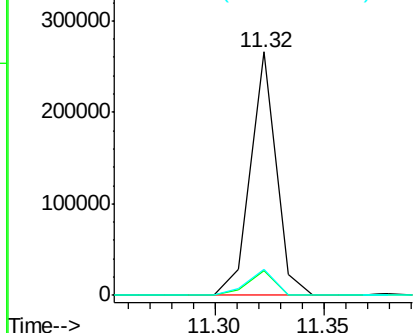
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF080900.D
Acq: 6 Aug 2015 21:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.0	10.2	15.2#
80	10.5	11.4	17.2#

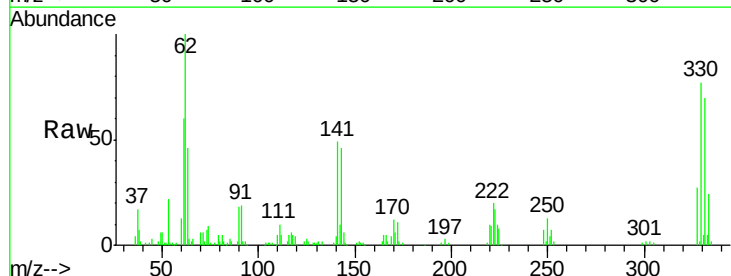


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

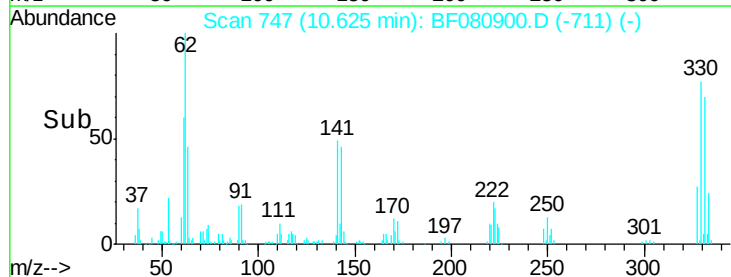
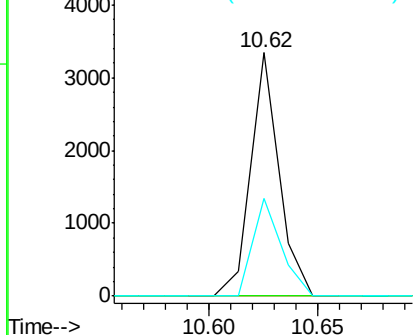


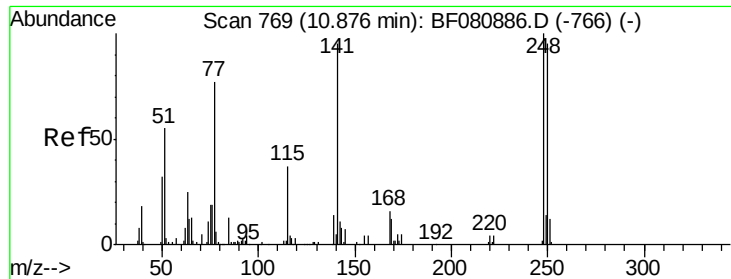
#65
n-Nitrosodiphenylamine
Concen: 0.39 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.11 min
Lab File: BF080900.D
Acq: 6 Aug 2015 21:03

Tgt Ion	Ratio	Lower	Upper
169	100		
168	0.0	54.0	81.0#
167	39.9	29.8	44.8



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

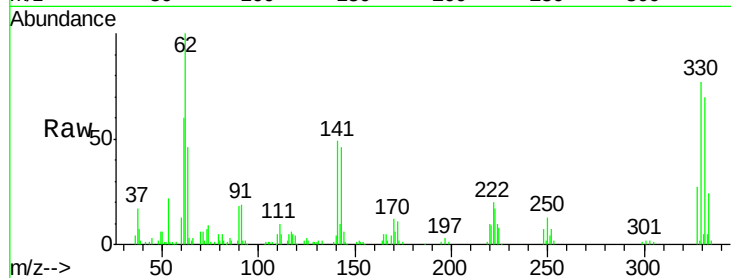




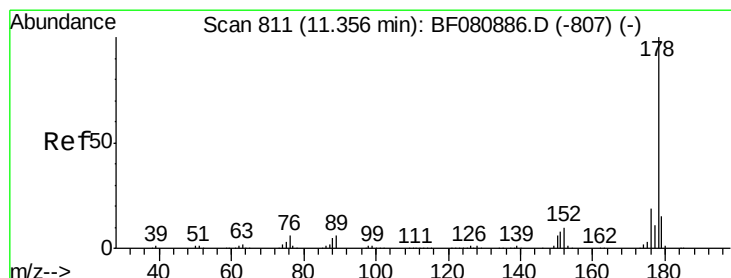
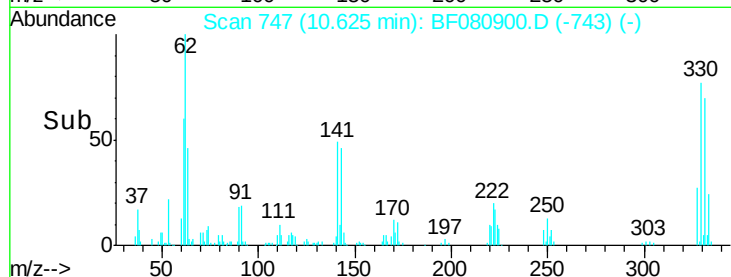
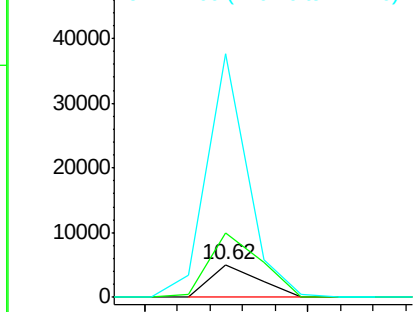
#66
4-Bromophenyl-phenylether
Concen: 2.15 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.25 min
Lab File: BF080900.D
Acq: 6 Aug 2015 21:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 5109
Ion Ratio Lower Upper
248 100
250 195.6 75.9 113.9#
141 737.1 75.8 113.6#

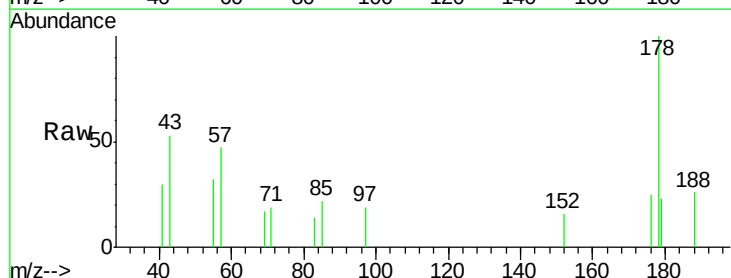


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

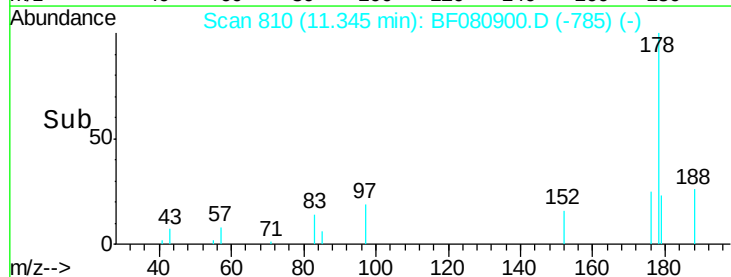
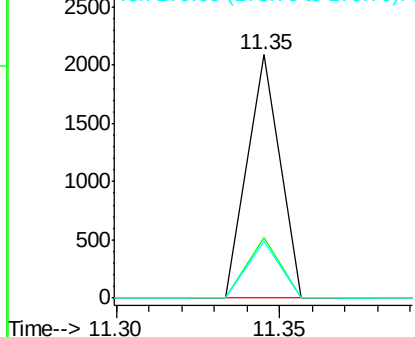


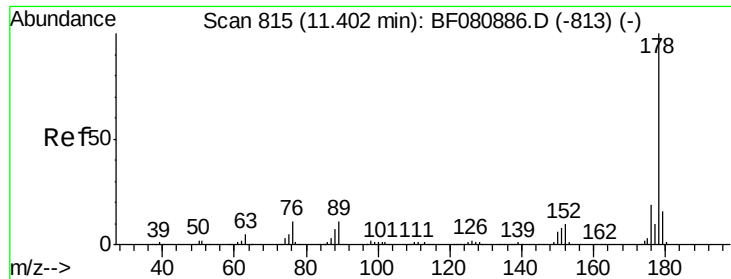
#70
Phenanthrene
Concen: 0.11 ng
RT: 11.35 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF080900.D
Acq: 6 Aug 2015 21:03

Tgt Ion:178 Resp: 1435
Ion Ratio Lower Upper
178 100
176 24.6 15.6 23.4#
179 23.0 12.0 18.0#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

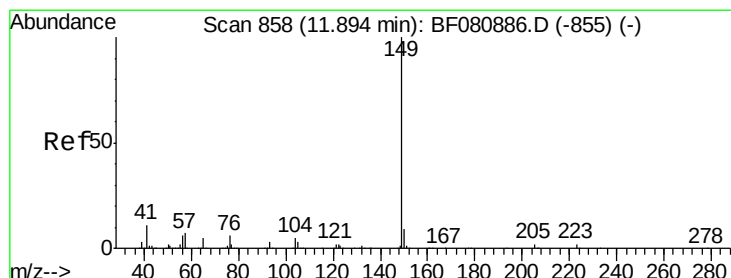
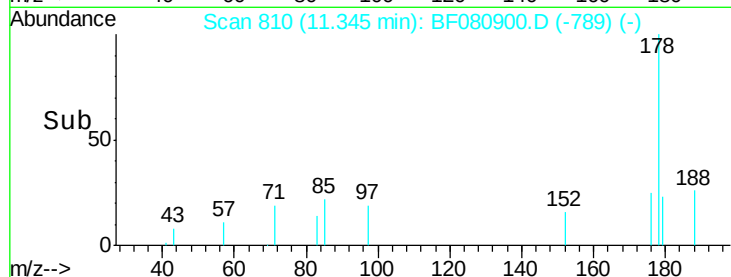
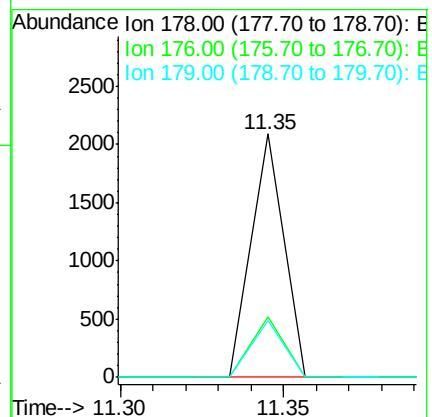
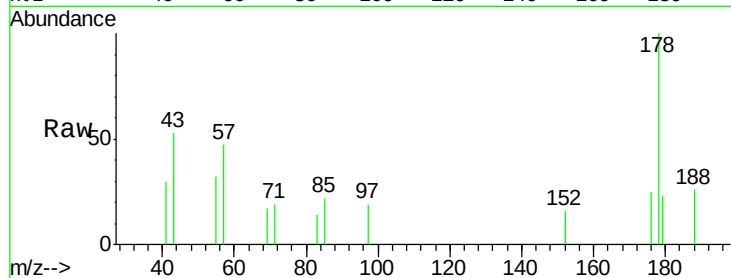




#71
 Anthracene
 Concen: 0.11 ng
 RT: 11.35 min Scan# 810
 Delta R.T. -0.06 min
 Lab File: BF080900.D
 Acq: 6 Aug 2015 21:03

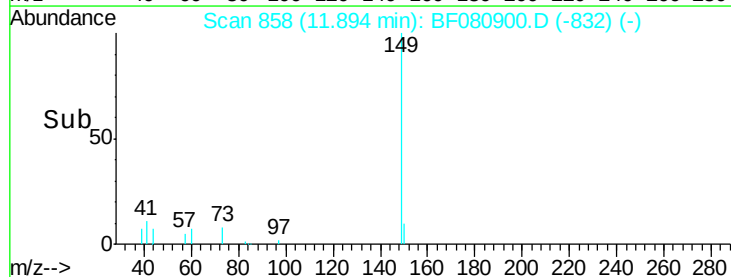
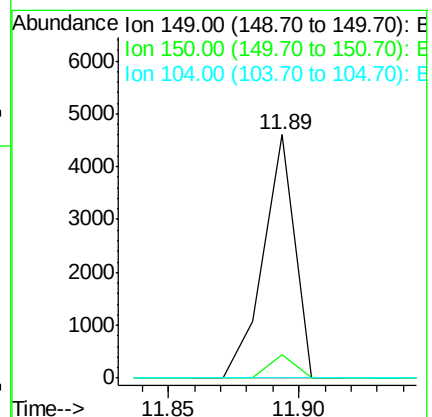
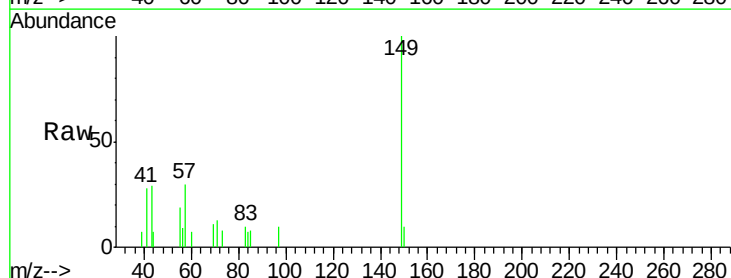
Instrument :
 BNA_F
 ClientSampleId :

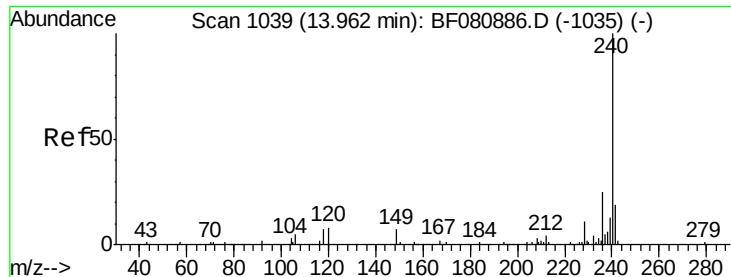
Tot Ion:178 Resp: 1435
 Ion Ratio Lower Upper
 178 100
 176 24.6 15.3 22.9#
 179 23.0 12.5 18.7#



#73
 Di-n-butylphthalate
 Concen: 0.25 ng
 RT: 11.89 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: BF080900.D
 Acq: 6 Aug 2015 21:03

Tgt Ion:149 Resp: 3893
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.6 11.4
 104 0.0 4.3 6.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF080900.D

Acq: 6 Aug 2015 21:03

Instrument :

BNA_F

ClientSampleId :

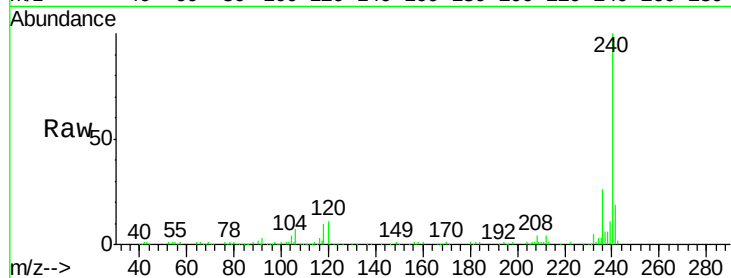
Tot Ion:240 Resp: 211206

Ion Ratio Lower Upper

240 100

120 10.8 6.4 9.6#

236 26.0 20.2 30.4



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

300000

250000

200000

150000

100000

50000

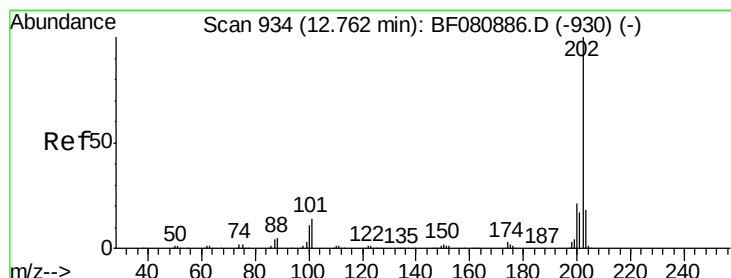
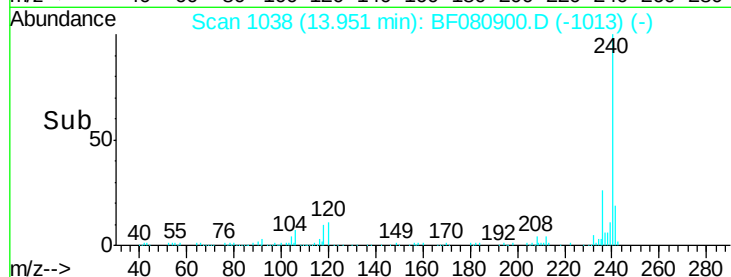
0

13.95

13.90

14.00

Time-->



#77

Pyrene

Concen: 0.14 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.15 min

Lab File: BF080900.D

Acq: 6 Aug 2015 21:03

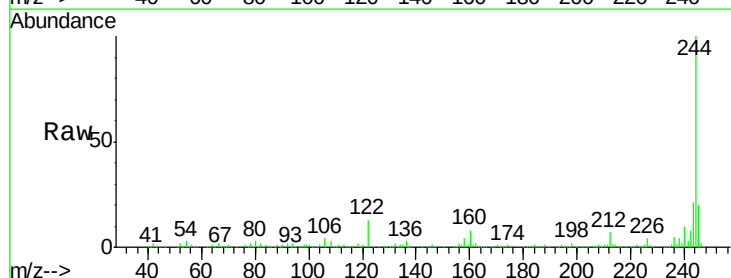
Tgt Ion:202 Resp: 2206

Ion Ratio Lower Upper

202 100

200 43.5 16.6 24.8#

203 15.0 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

3000

2500

2000

1500

1000

500

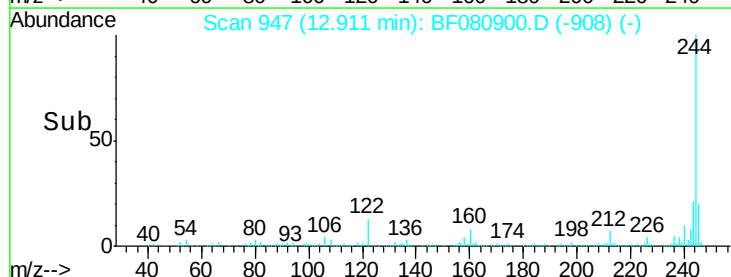
0

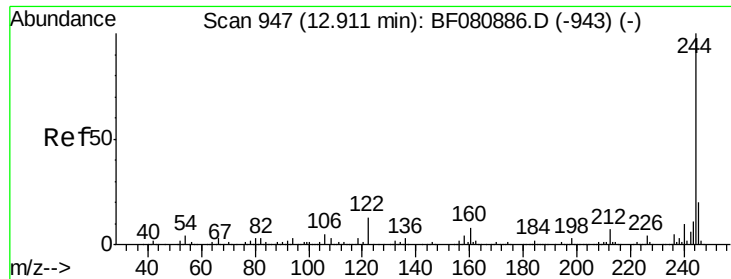
12.91

12.85

12.95

Time-->

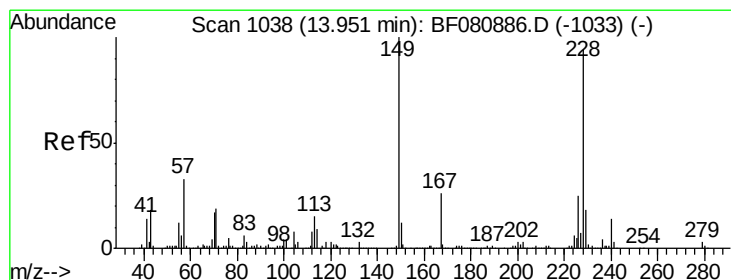
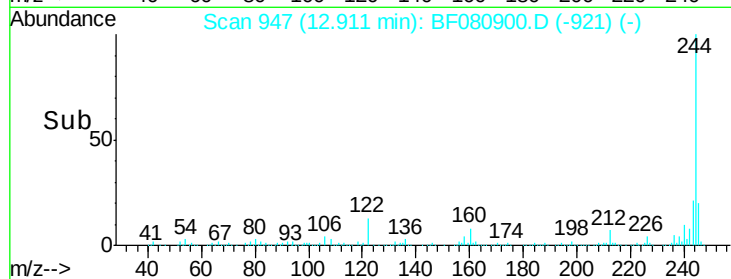
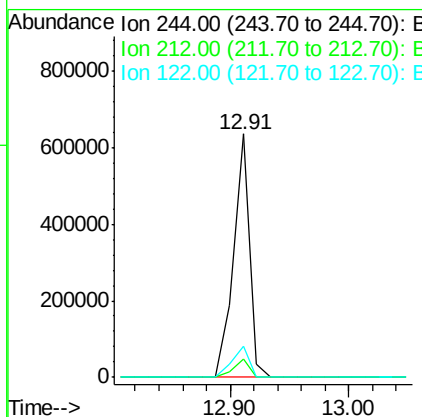
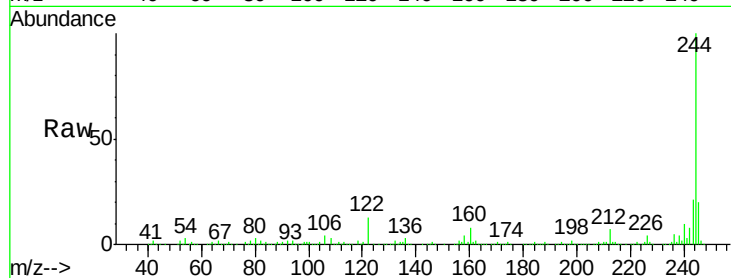




#78
 Terphenyl-d14
 Concen: 59.20 ng
 RT: 12.91 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF080900.D
 Acq: 6 Aug 2015 21:03

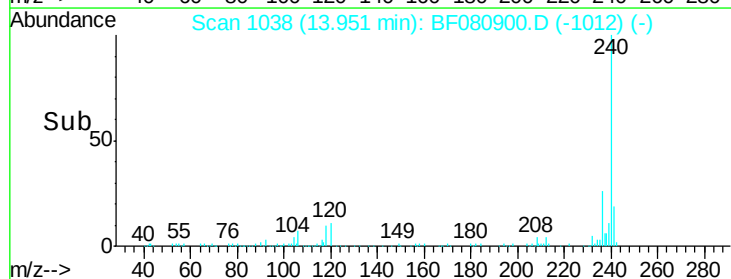
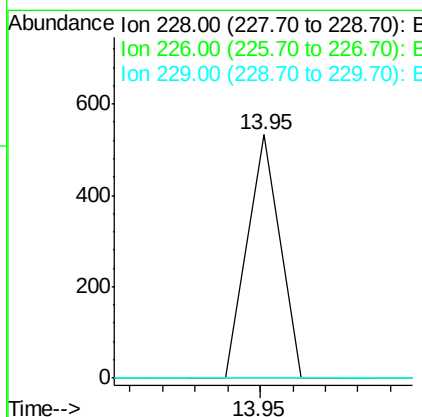
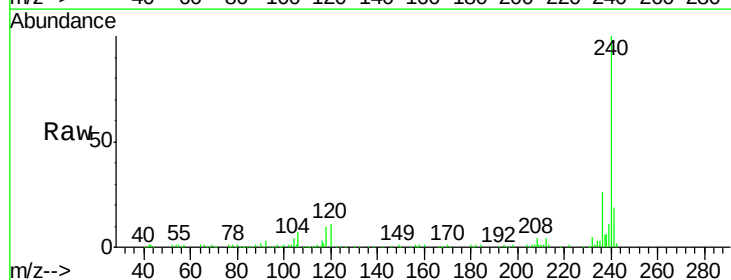
Instrument :
 BNA_F
 ClientSampleId :

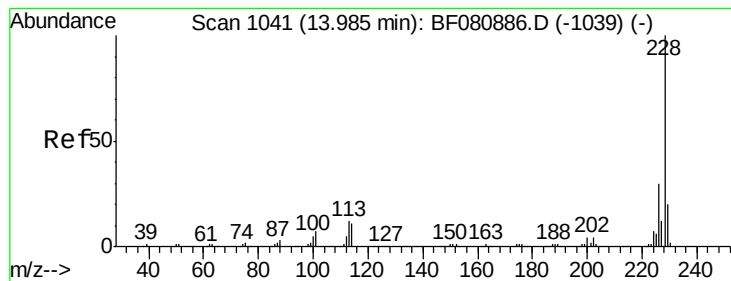
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	12.8	10.6	16.0



#80
 Benzo(a)anthracene
 Concen: 0.03 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF080900.D
 Acq: 6 Aug 2015 21:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.4	32.2#
229	0.0	14.9	22.3#





#82

Chrysene

Concen: 0.03 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.03 min

Lab File: BF080900.D

Acq: 6 Aug 2015 21:03

Instrument :

BNA_F

ClientSampleId :

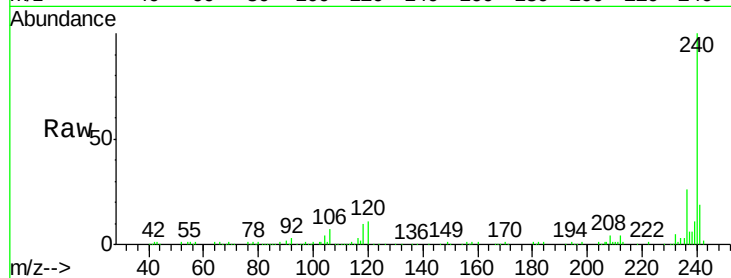
Tot Ion:228 Resp: 366

Ion Ratio Lower Upper

228 100

226 0.0 24.2 36.2#

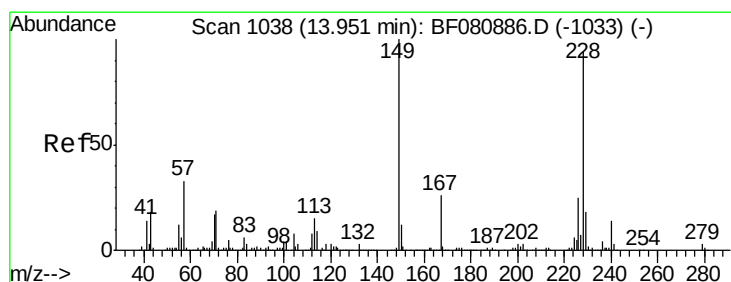
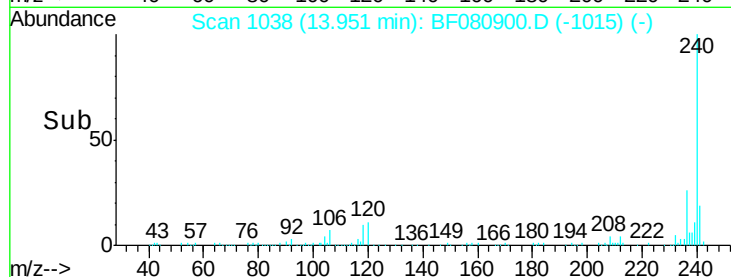
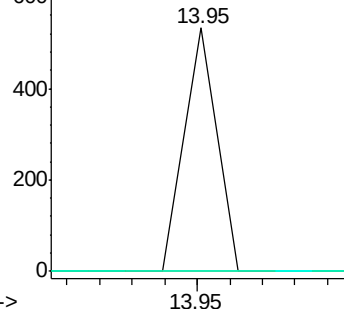
229 0.0 16.2 24.2#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.40 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF080900.D

Acq: 6 Aug 2015 21:03

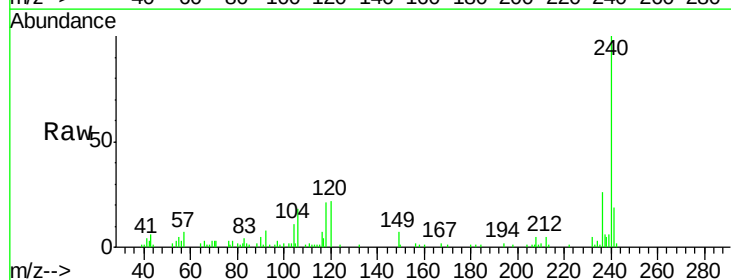
Tgt Ion:149 Resp: 4118

Ion Ratio Lower Upper

149 100

167 28.6 20.6 31.0

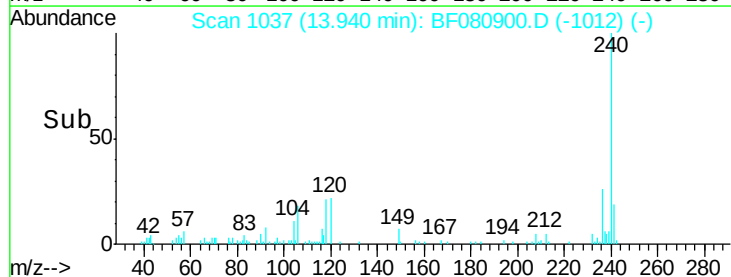
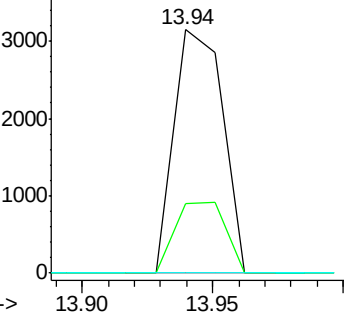
279 0.0 2.4 3.6#

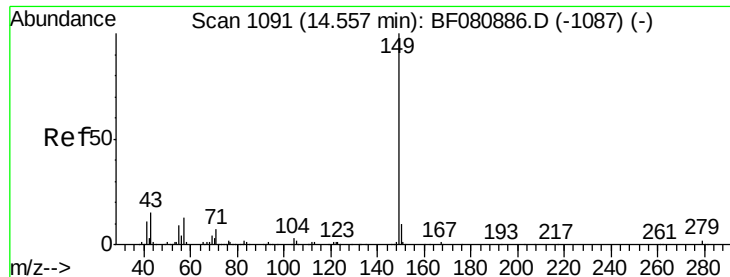


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.01 ng

RT: 14.59 min Scan# 1094

Delta R.T. 0.03 min

Lab File: BF080900.D

Acq: 6 Aug 2015 21:03

Instrument :

BNA_F

ClientSampleId :

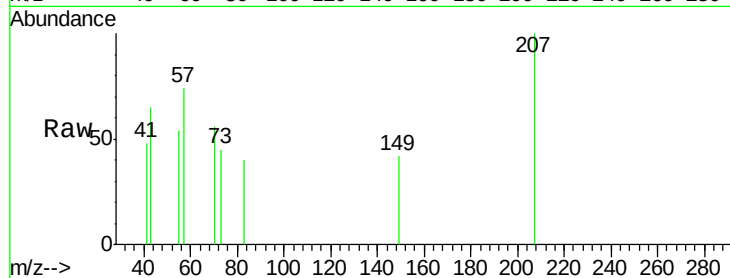
Tot Ion:149 Resp: 268

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

43 470.5 11.5 17.3#

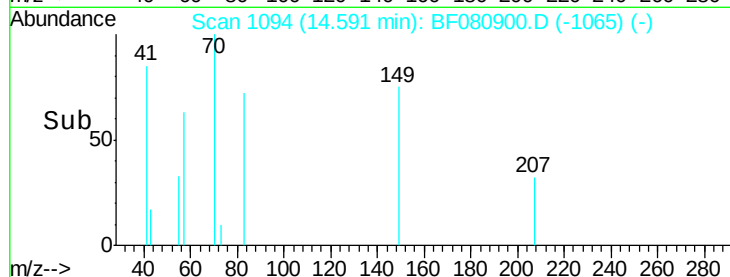


Abundance Ion 149.00 (148.70 to 149.70): E

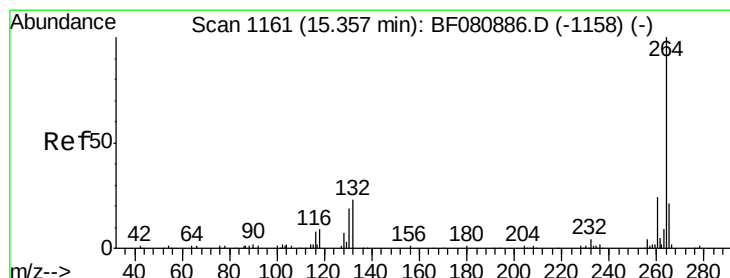
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

Time--> 14.55 14.60



Time--> 14.55 14.60



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF080900.D

Acq: 6 Aug 2015 21:03

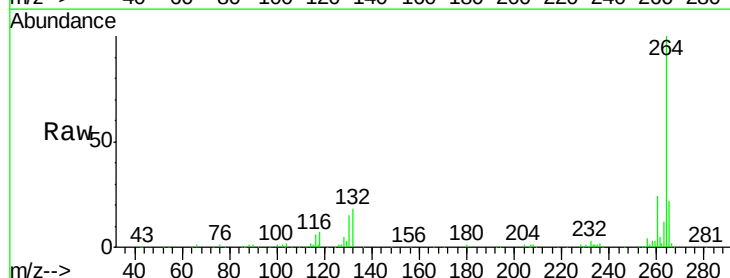
Tgt Ion:264 Resp: 190207

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 21.5 17.0 25.6

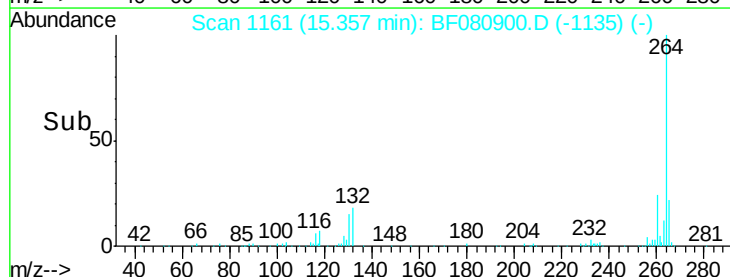


Abundance Ion 264.00 (263.70 to 264.70): E

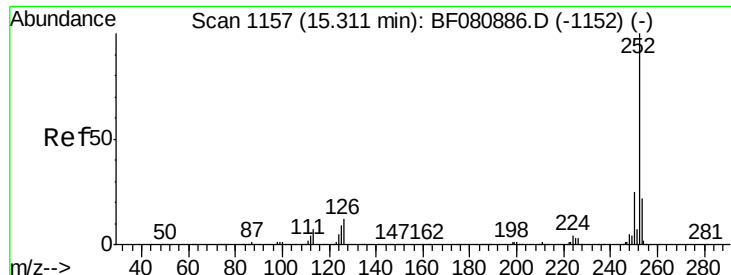
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time--> 15.30 15.40 15.50



Time--> 15.30 15.40 15.50



#89

Benzo(a)pyrene

Concen: 0.03 ng

RT: 15.36 min Scan# 1161

Delta R.T. 0.05 min

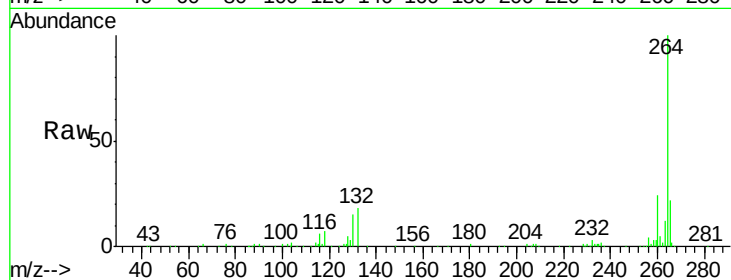
Lab File: BF080900.D

Acq: 6 Aug 2015 21:03

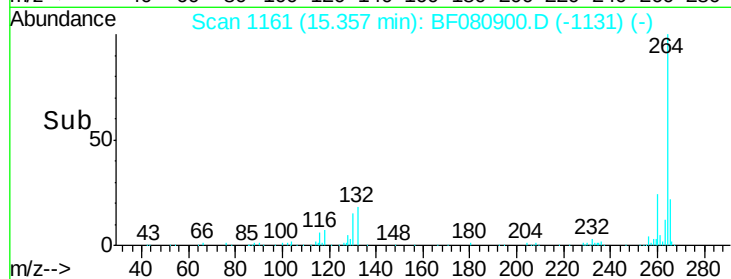
Instrument :

BNA_F

ClientSampleId :



Tot Ion:	252	Resp:	389
Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.6	26.4#
125	0.0	7.5	11.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

