

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086373.D
 Acq On : 23 Apr 2016 6:19
 Operator : UM/SJ
 Sample : H2634-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Quant Time: Apr 25 00:42:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

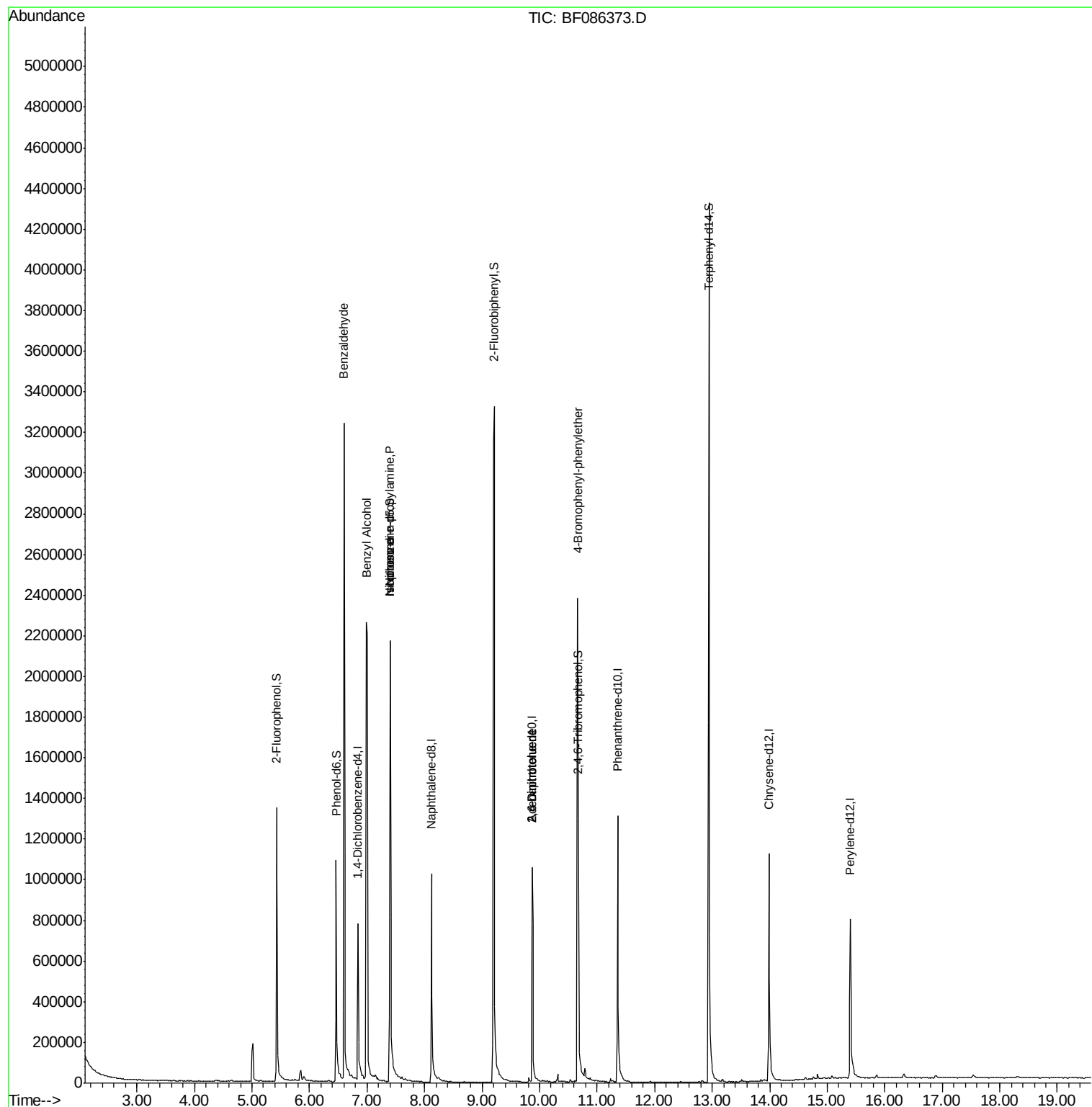
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	157175	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	690793	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	316667	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	660726	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	547777	20.00	ng	-0.01
86) Perylene-d12	15.40	264	467262	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	604263	66.39	ng	0.00
7) Phenol-d6	6.46	99	506546	40.94	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1005391	86.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	406105	141.67	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1885154	101.59	ng	0.00
78) Terphenyl-d14	12.95	244	1641692	74.46	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	21455	2.85	ng	# 79
15) Benzyl Alcohol	6.99	79	16473	2.24	ng	# 43
19) n-Nitroso-di-n-propylamine	7.40	70	126969	17.17	ng	# 83
25) Isophorone	7.40	82	997869	43.66	ng	# 68
50) 2,6-Dinitrotoluene	9.87	165	39747	8.04	ng	# 20
56) 2,4-Dinitrotoluene	9.87	165	41329	6.30	ng	# 16
66) 4-Bromophenyl-phenylether	10.66	248	24036	3.72	ng	# 1

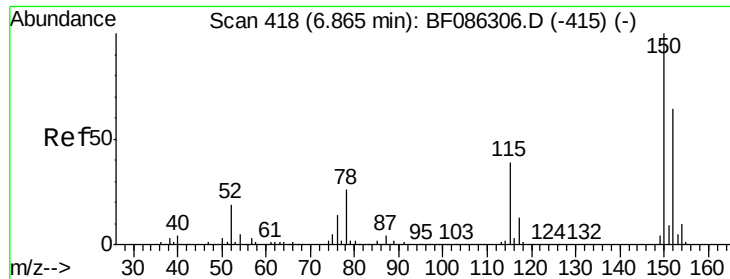
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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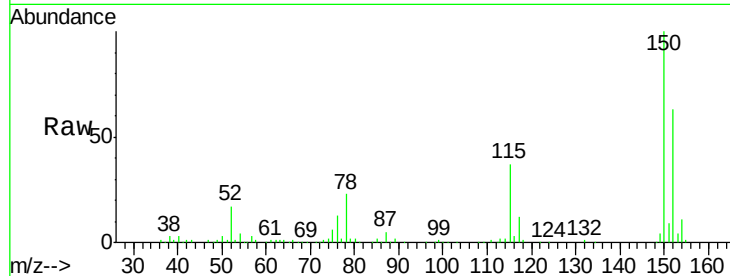




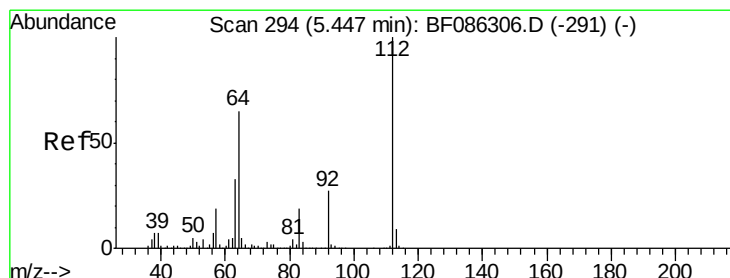
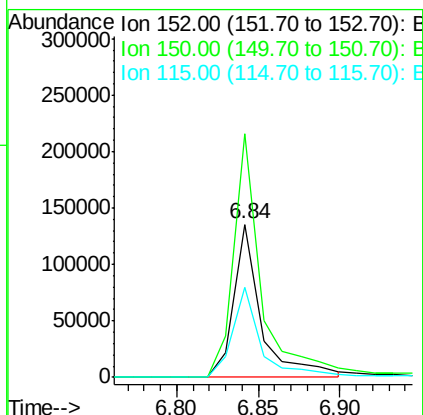
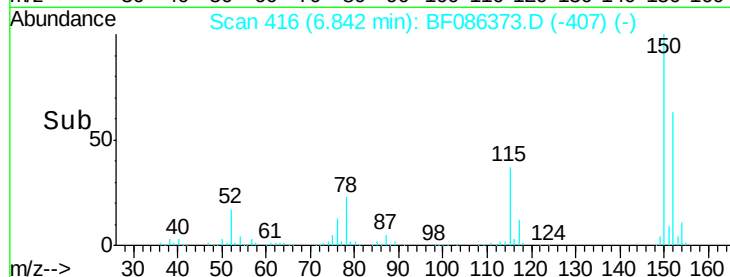
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF086373.D
 Acq: 23 Apr 2016 6:19

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Tgt Ion:152 Resp: 157175
 Ion Ratio Lower Upper
 152 100
 150 159.4 125.8 188.6
 115 59.2 51.5 77.3

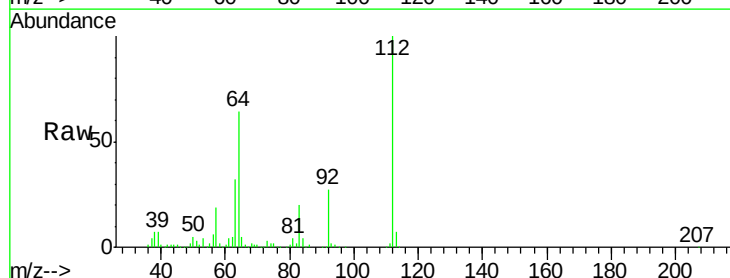


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

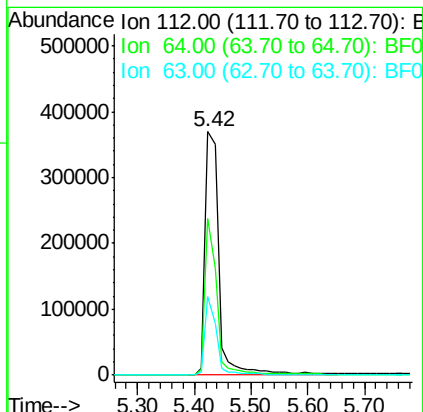
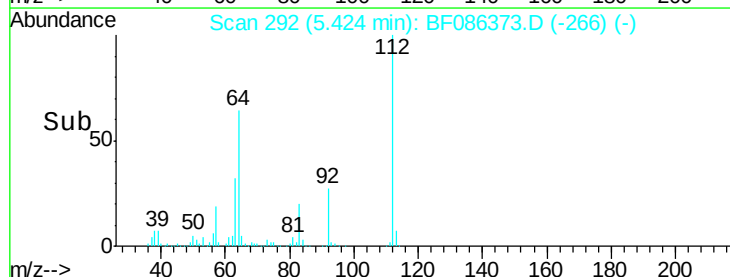


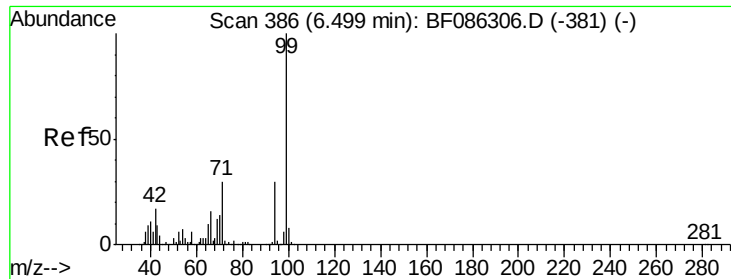
#5
 2-Fluorophenol
 Concen: 66.39 ng
 RT: 5.42 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: BF086373.D
 Acq: 23 Apr 2016 6:19

Tgt Ion:112 Resp: 604263
 Ion Ratio Lower Upper
 112 100
 64 64.3 52.1 78.1
 63 32.0 25.7 38.5



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: 40.94 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF086373.D

Acq: 23 Apr 2016 6:19

Instrument :

BNA_F

ClientSampleId :

MW-13

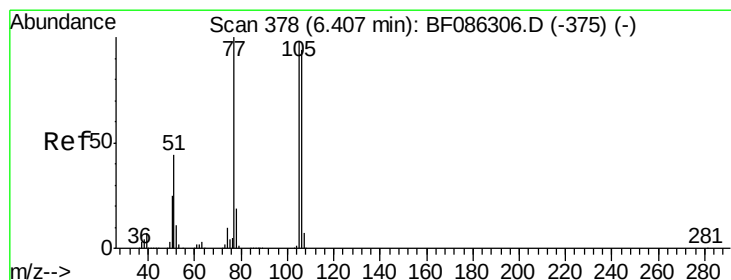
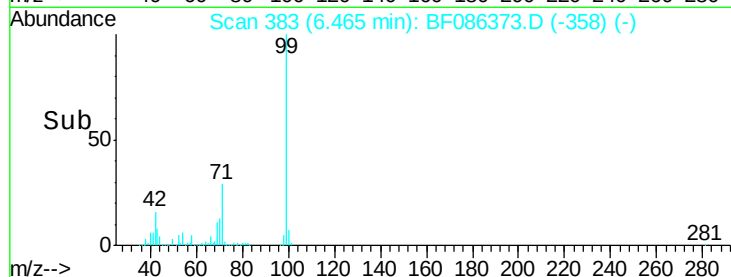
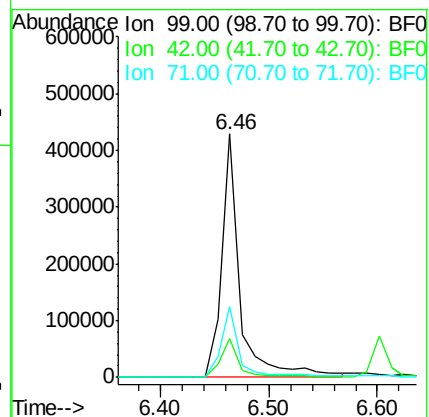
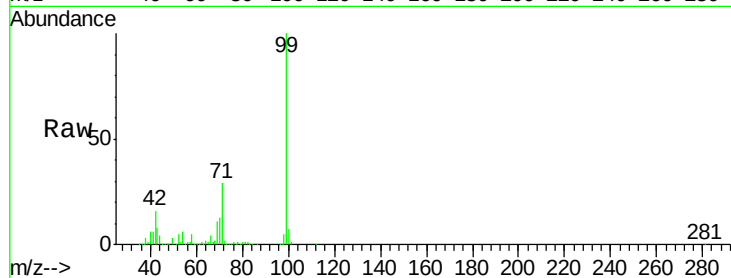
Tgt Ion: 99 Resp: 506546

Ion Ratio Lower Upper

99 100

42 15.9 13.6 20.4

71 29.3 24.6 36.8



#9

Benzaldehyde

Concen: 2.85 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.22 min

Lab File: BF086373.D

Acq: 23 Apr 2016 6:19

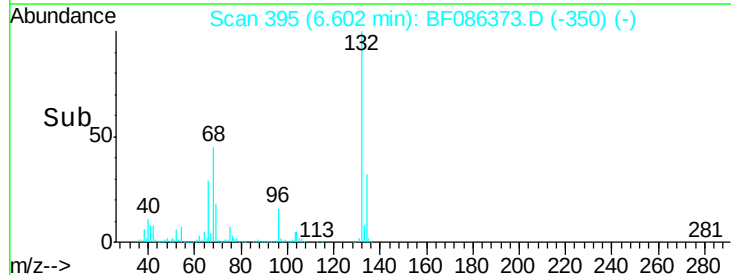
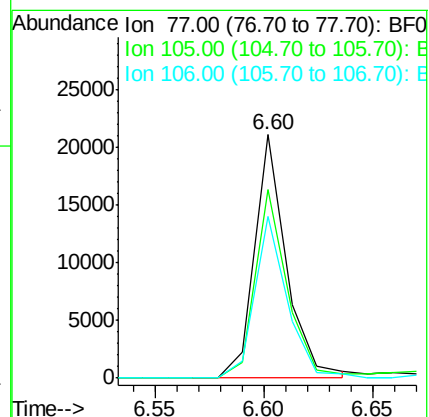
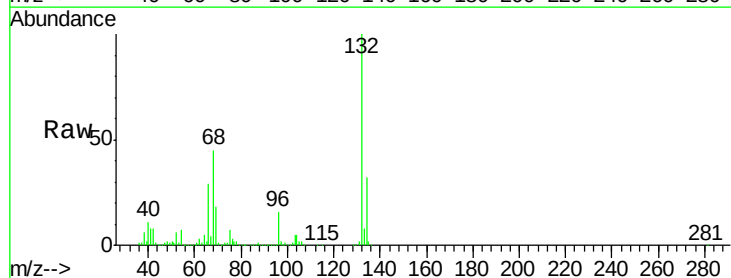
Tgt Ion: 77 Resp: 21455

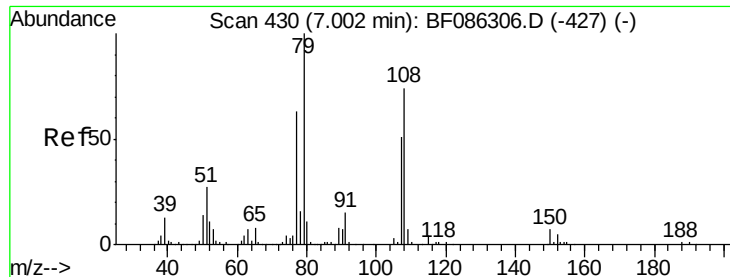
Ion Ratio Lower Upper

77 100

105 77.6 72.7 112.7

106 66.2 70.8 110.8#





#15

Benzyl Alcohol

Concen: 2.24 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF086373.D

Acq: 23 Apr 2016 6:19

Instrument :

BNA_F

ClientSampleId :

MW-13

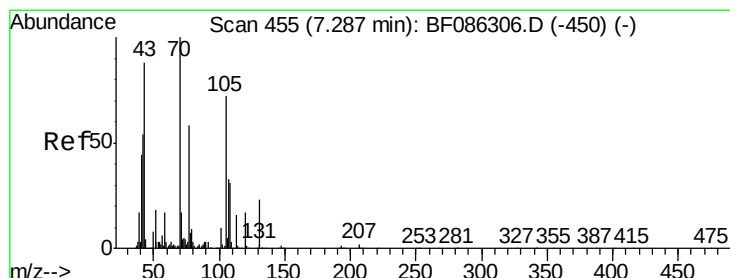
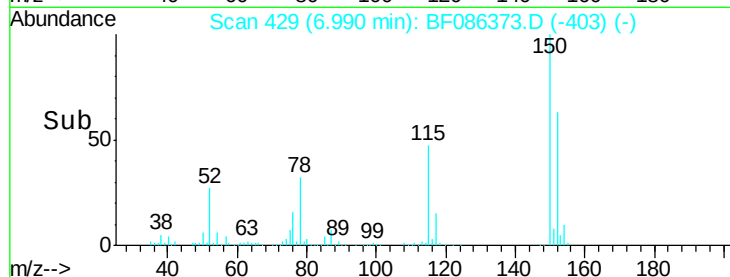
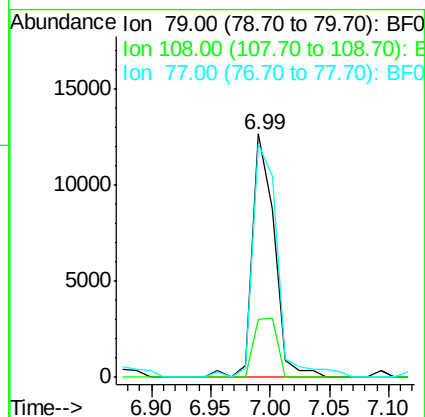
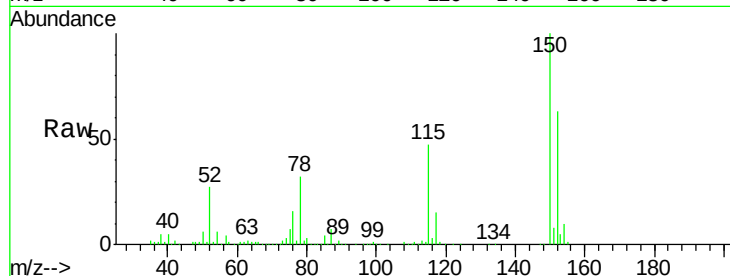
Tgt Ion: 79 Resp: 16473

Ion Ratio Lower Upper

79 100

108 23.8 68.4 102.6#

77 96.1 50.6 76.0#



#19

n-Nitroso-di-n-propylamine

Concen: 17.17 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.14 min

Lab File: BF086373.D

Acq: 23 Apr 2016 6:19

Tgt Ion: 70 Resp: 126969

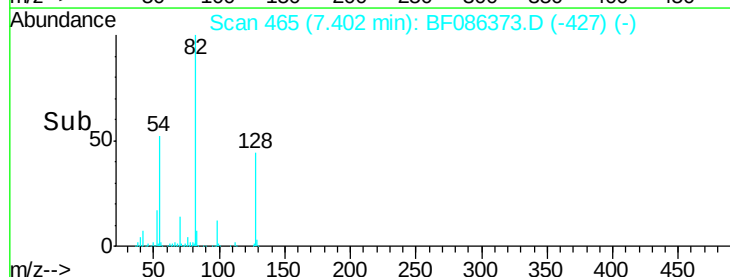
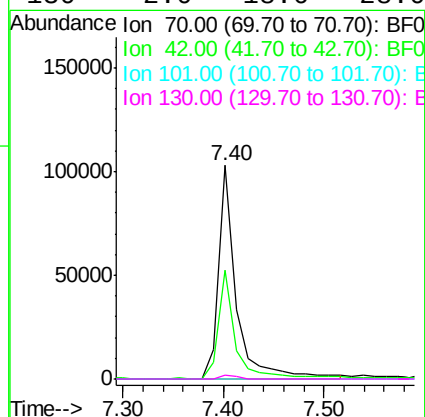
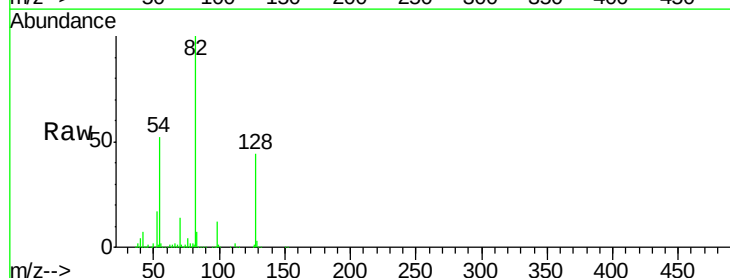
Ion Ratio Lower Upper

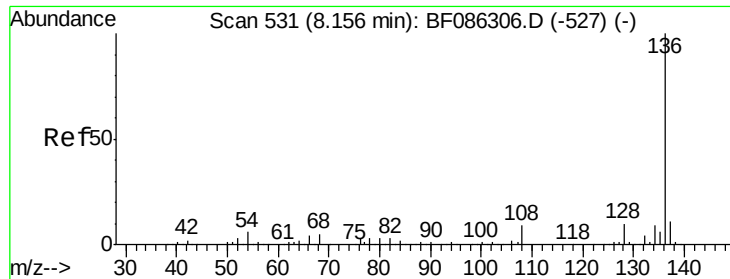
70 100

42 51.1 43.1 64.7

101 0.0 8.1 12.1#

130 2.0 18.6 28.0#

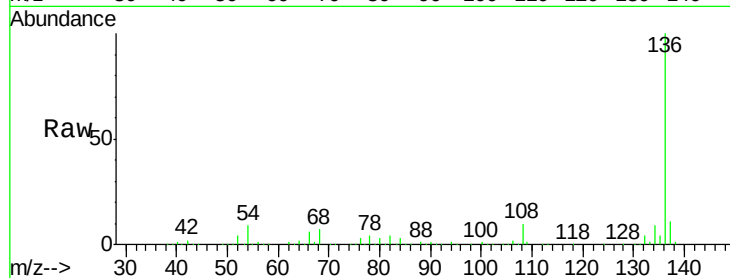




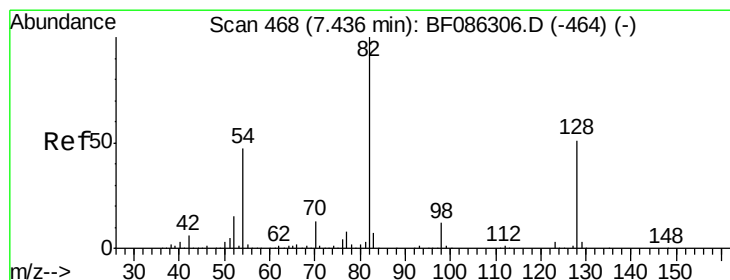
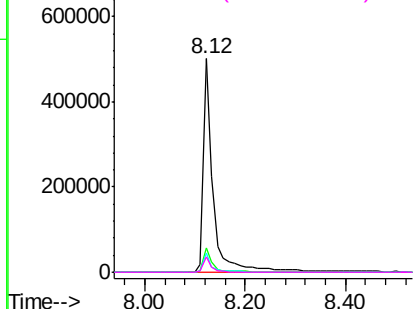
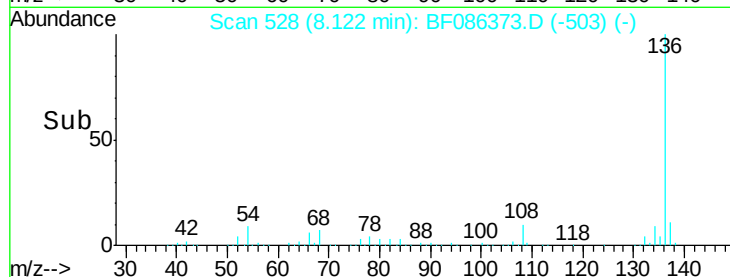
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF086373.D
Acq: 23 Apr 2016 6:19

Instrument :
BNA_F
ClientSampleId :
MW-13

Tgt Ion:	136	Resp:	690793
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.8	5.0	7.4#
68	7.3	4.4	6.6#

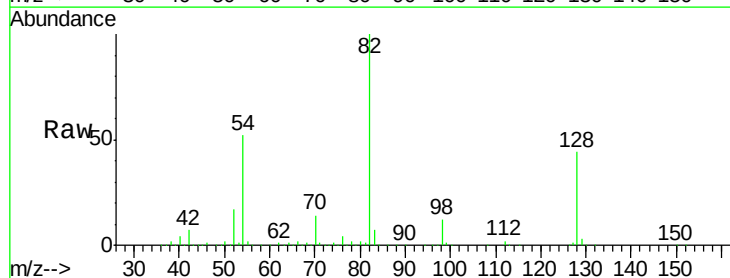


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

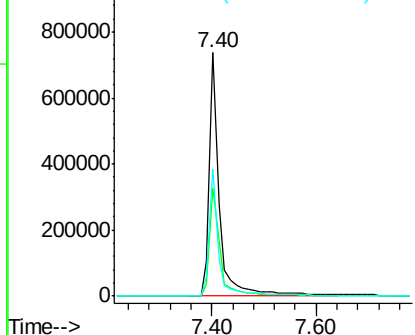
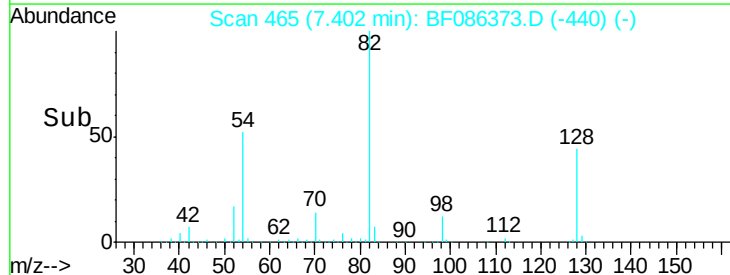


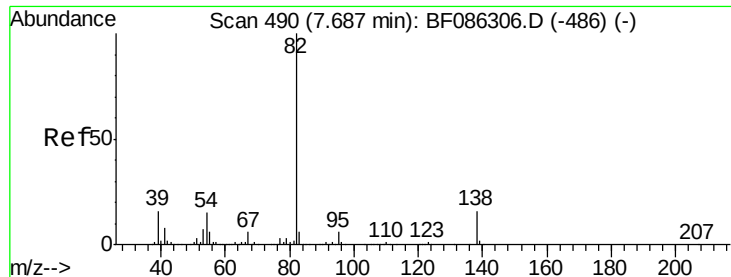
#23
Nitrobenzene-d5
Concen: 86.22 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF086373.D
Acq: 23 Apr 2016 6:19

Tgt Ion:	82	Resp:	1005391
Ion	Ratio	Lower	Upper
82	100		
128	44.4	40.6	61.0
54	52.3	38.1	57.1



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





#25

Isophorone

Concen: 43.66 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.26 min

Lab File: BF086373.D

Acq: 23 Apr 2016 6:19

Instrument :

BNA_F

ClientSampled :

MW-13

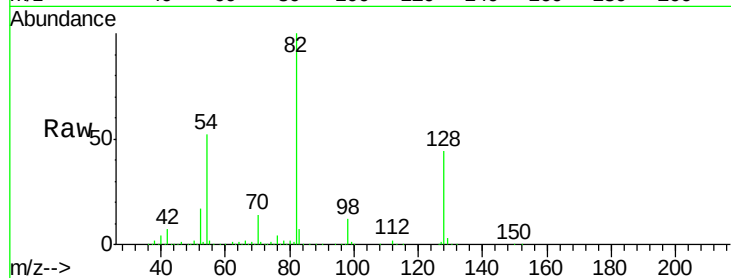
Tgt Ion: 82 Resp: 997869

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

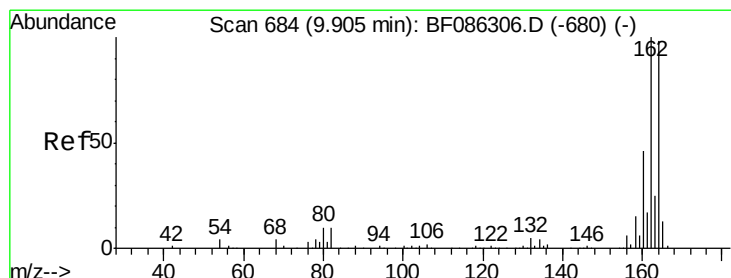
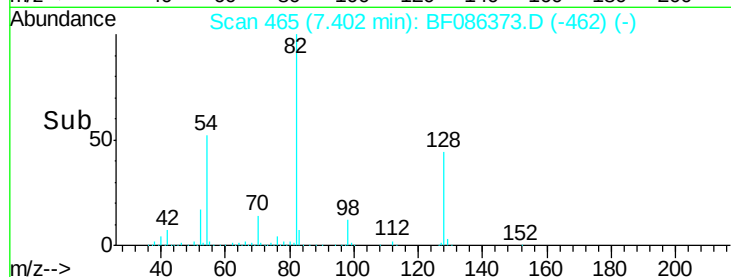
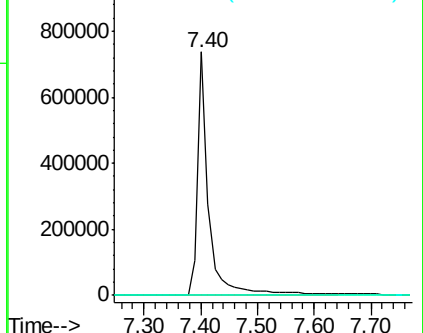
138 0.0 12.4 18.6#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF086373.D

Acq: 23 Apr 2016 6:19

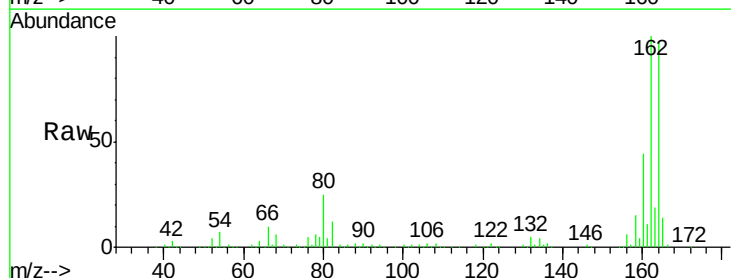
Tgt Ion: 164 Resp: 316667

Ion Ratio Lower Upper

164 100

162 103.5 82.8 124.2

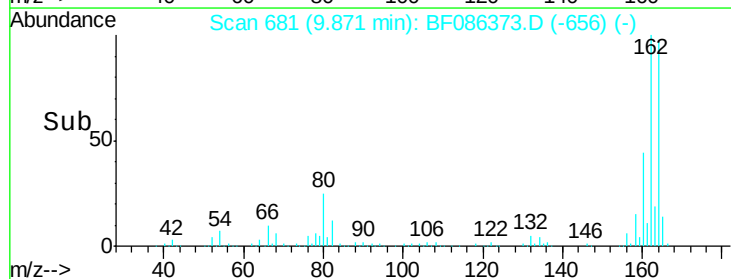
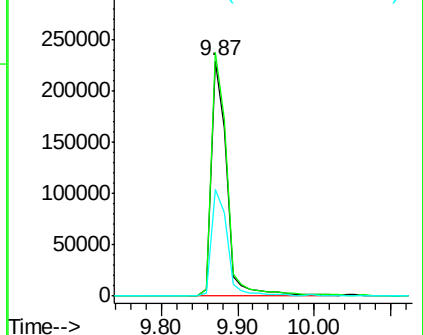
160 45.6 36.9 55.3

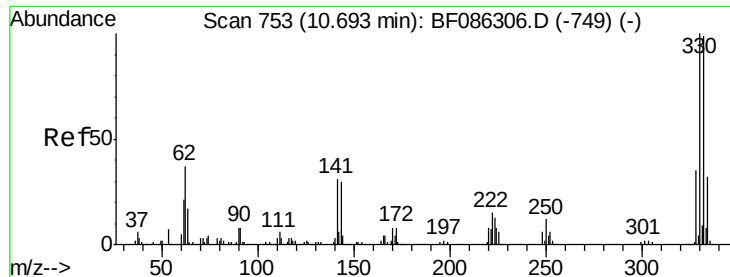


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

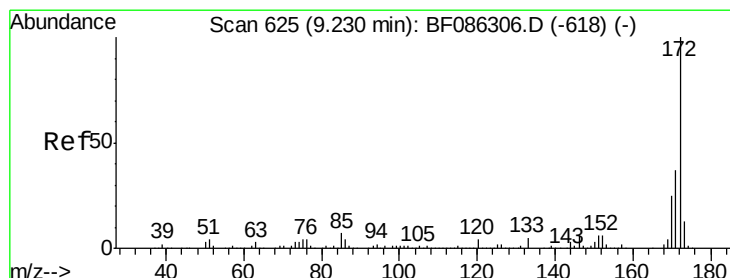
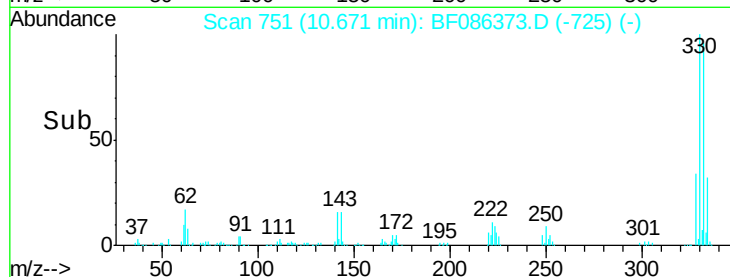
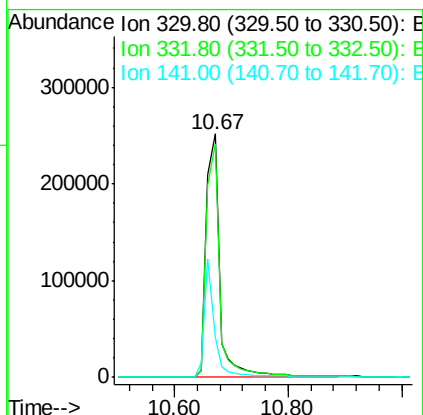
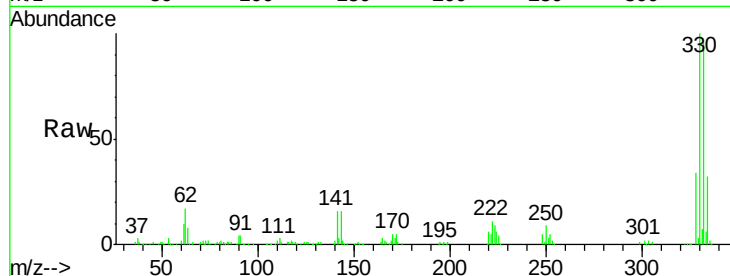




#41
 2,4,6-Tribromophenol
 Concen: 141.67 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF086373.D
 Acq: 23 Apr 2016 6:19

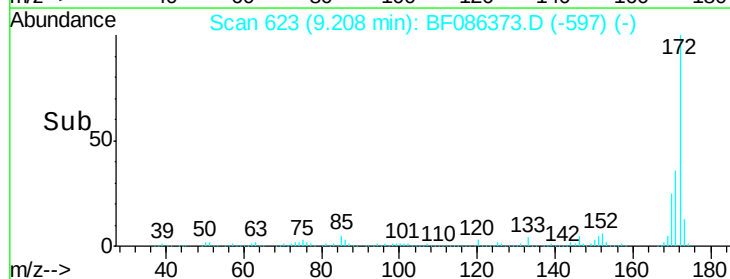
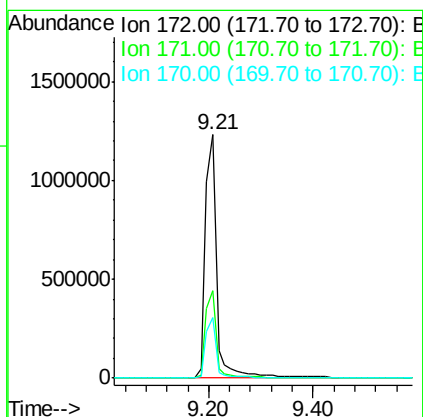
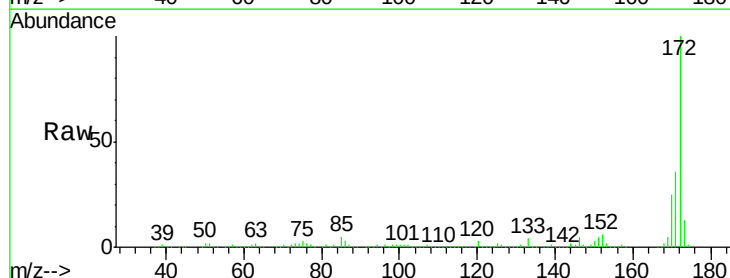
Instrument :
 BNA_F
 ClientSampleId :
 MW-13

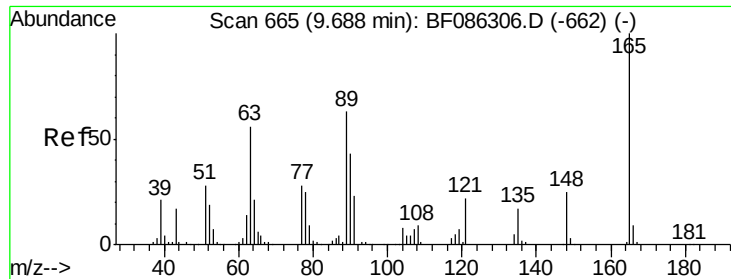
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	79.0	118.4
141	36.7	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 101.59 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF086373.D
 Acq: 23 Apr 2016 6:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.9	19.8	29.8





#50

2,6-Dinitrotoluene

Concen: 8.04 ng

RT: 9.87 min Scan# 681

Delta R.T. 0.21 min

Lab File: BF086373.D

Acq: 23 Apr 2016 6:19

Instrument :

BNA_F

ClientSampleId :

MW-13

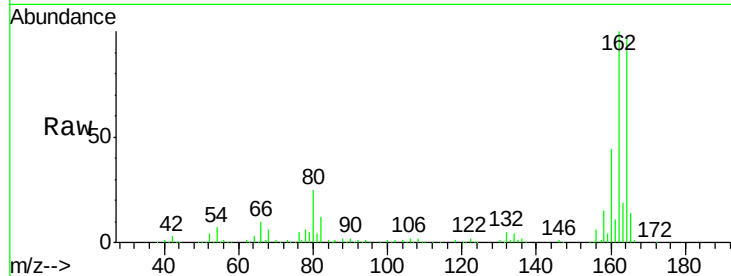
Tgt Ion:165 Resp: 39747

Ion Ratio Lower Upper

165 100

63 1.4 51.8 77.8#

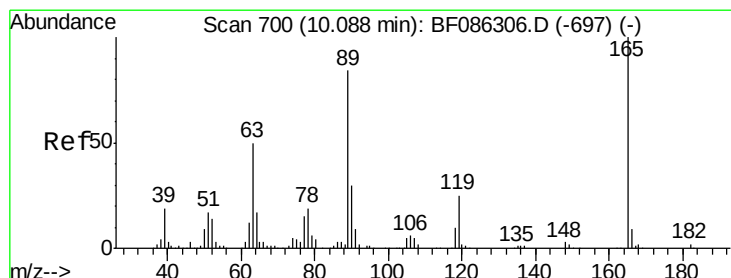
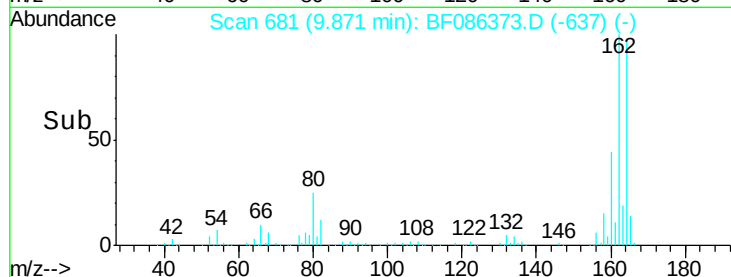
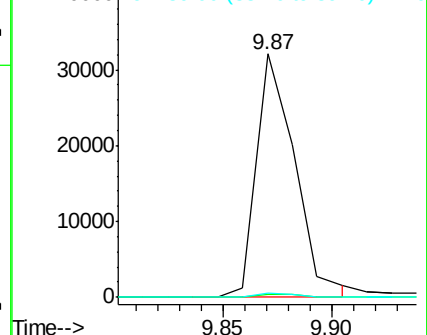
89 1.6 50.7 76.1#



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



#56

2,4-Dinitrotoluene

Concen: 6.30 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.19 min

Lab File: BF086373.D

Acq: 23 Apr 2016 6:19

Tgt Ion:165 Resp: 41329

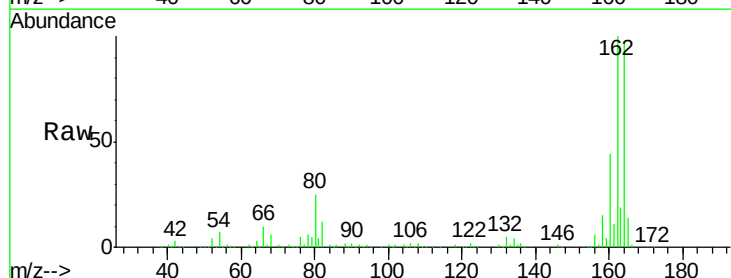
Ion Ratio Lower Upper

165 100

63 1.4 44.3 66.5#

89 1.6 70.0 105.0#

182 0.0 1.8 2.6#

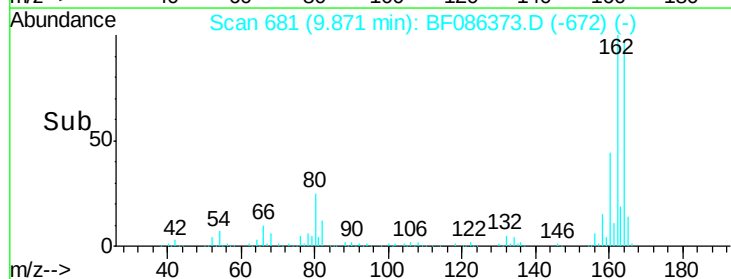
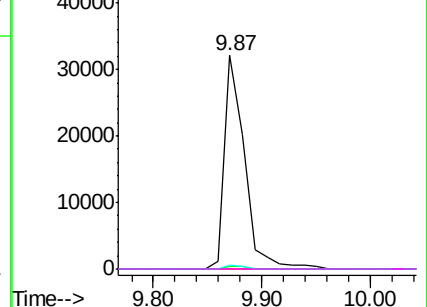


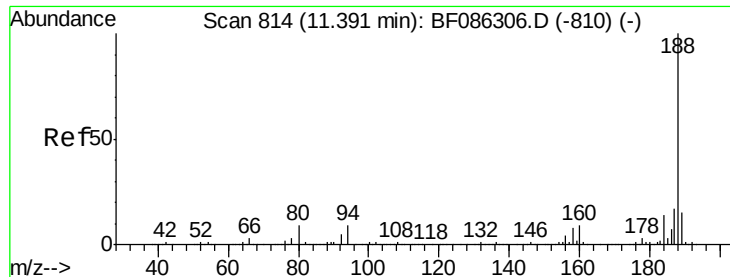
Abundance Ion 165.00 (164.70 to 165.70): E

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

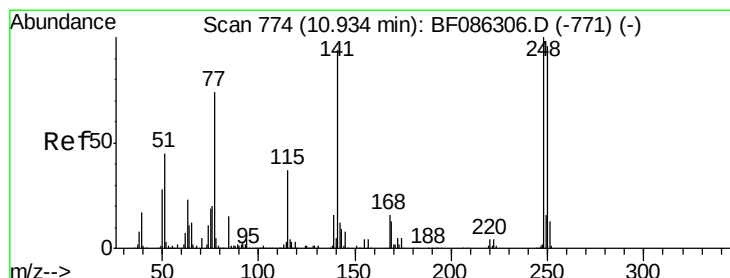
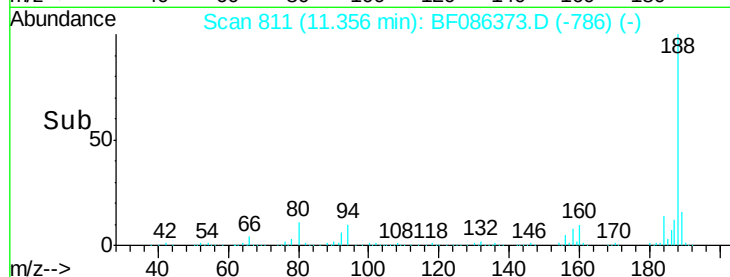
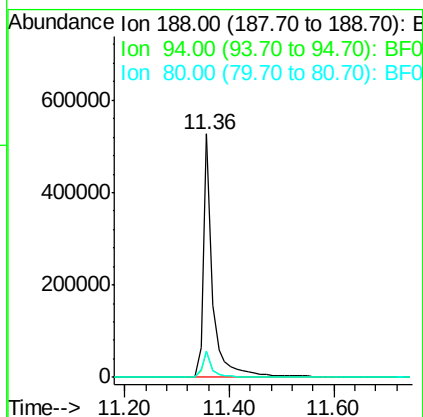
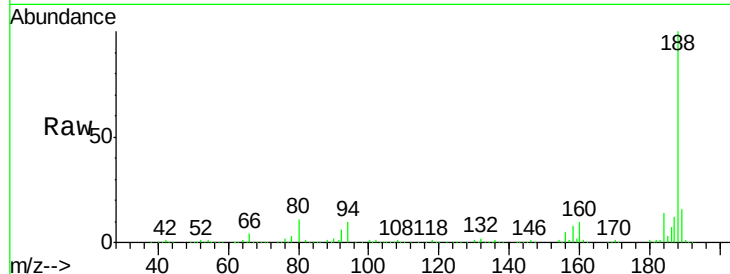




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF086373.D
 Acq: 23 Apr 2016 6:19

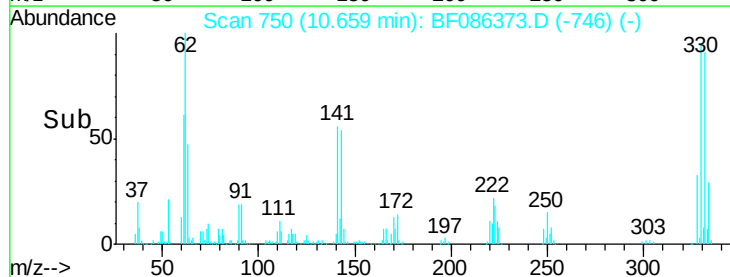
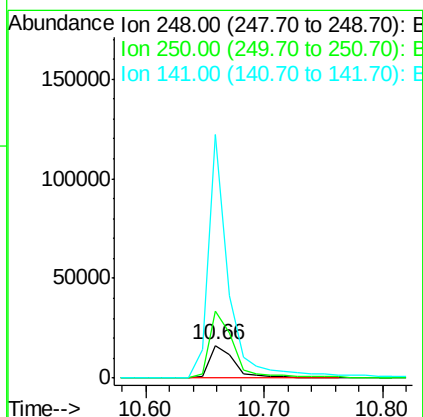
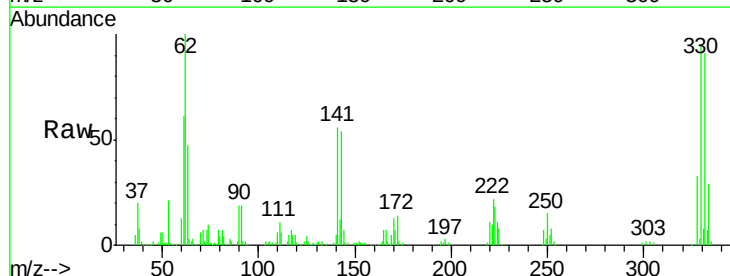
Instrument :
 BNA_F
 ClientSampleId :
 MW-13

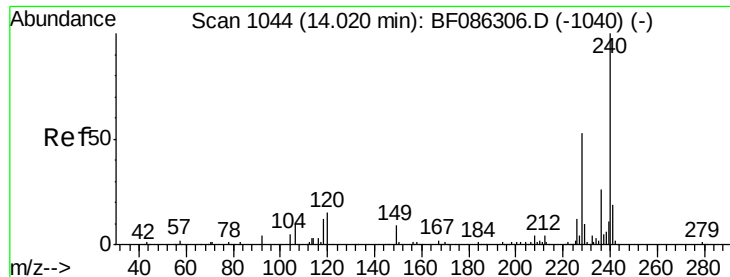
Tgt Ion:188 Resp: 660726
 Ion Ratio Lower Upper
 188 100
 94 10.5 6.8 10.2#
 80 10.8 7.1 10.7#



#66
 4-Bromophenyl-phenylether
 Concen: 3.72 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.25 min
 Lab File: BF086373.D
 Acq: 23 Apr 2016 6:19

Tgt Ion:248 Resp: 24036
 Ion Ratio Lower Upper
 248 100
 250 205.4 78.6 117.8#
 141 745.2 76.0 114.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF086373.D

Acq: 23 Apr 2016 6:19

Instrument :

BNA_F

ClientSampleId :

MW-13

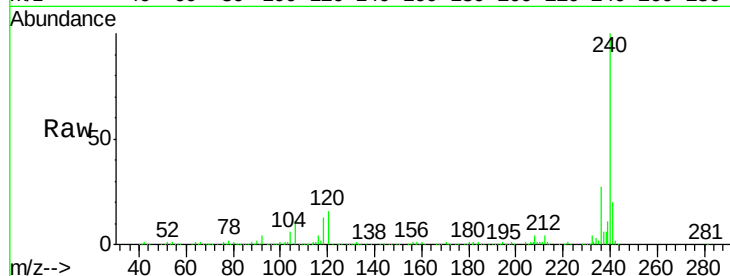
Tgt Ion:240 Resp: 547777

Ion Ratio Lower Upper

240 100

120 15.9 11.2 16.8

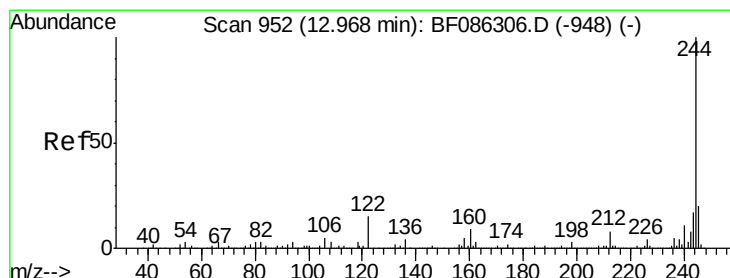
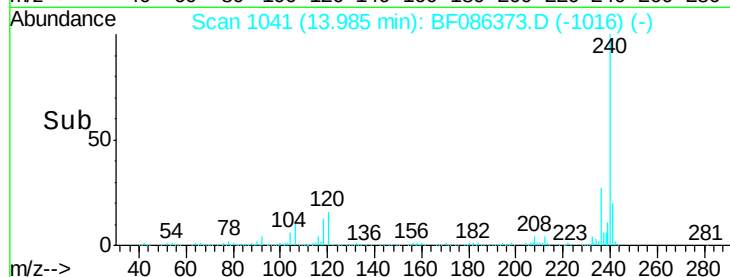
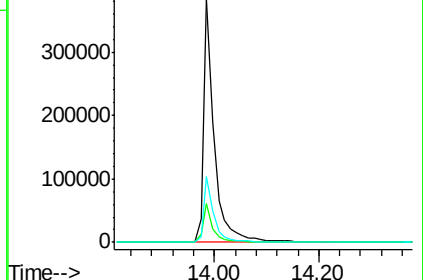
236 26.8 21.2 31.8



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: 74.46 ng

RT: 12.95 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF086373.D

Acq: 23 Apr 2016 6:19

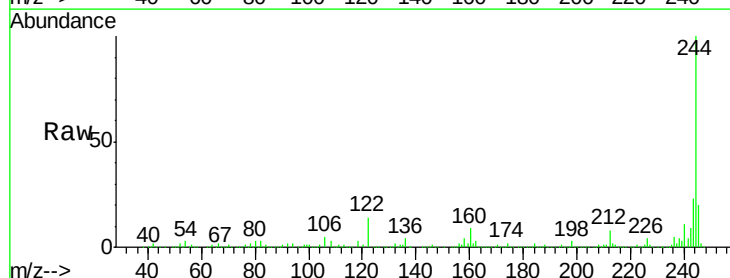
Tgt Ion:244 Resp: 1641692

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

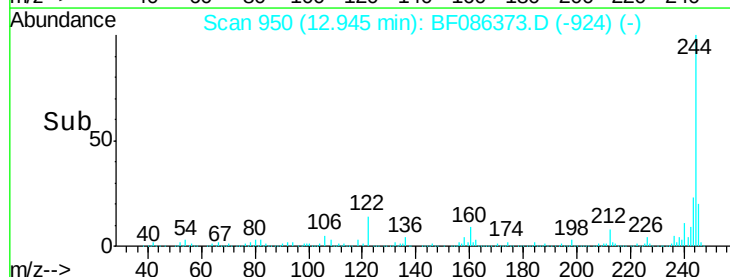
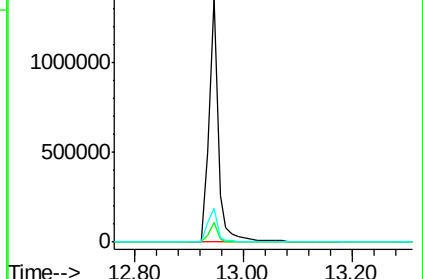
122 13.8 12.0 18.0

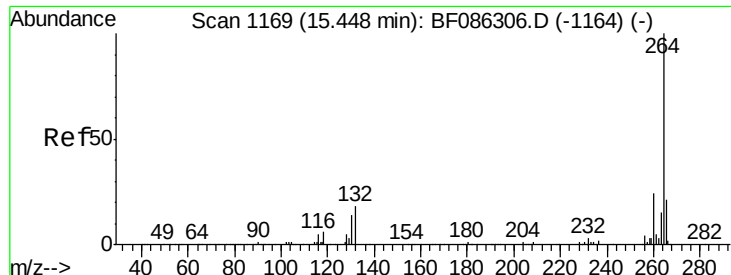


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

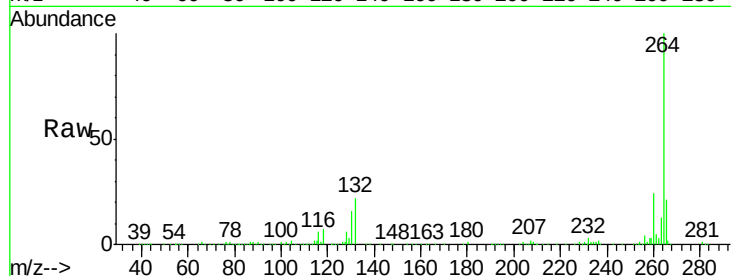




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF086373.D
Acq: 23 Apr 2016 6:19

Instrument :
BNA_F
ClientSampleId :
MW-13

Tgt Ion:	264	Resp:	467262
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.2	17.3	25.9



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

