

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086378.D
 Acq On : 23 Apr 2016 8:45
 Operator : UM/SJ
 Sample : H2648-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-W

Quant Time: Apr 25 00:45:12 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

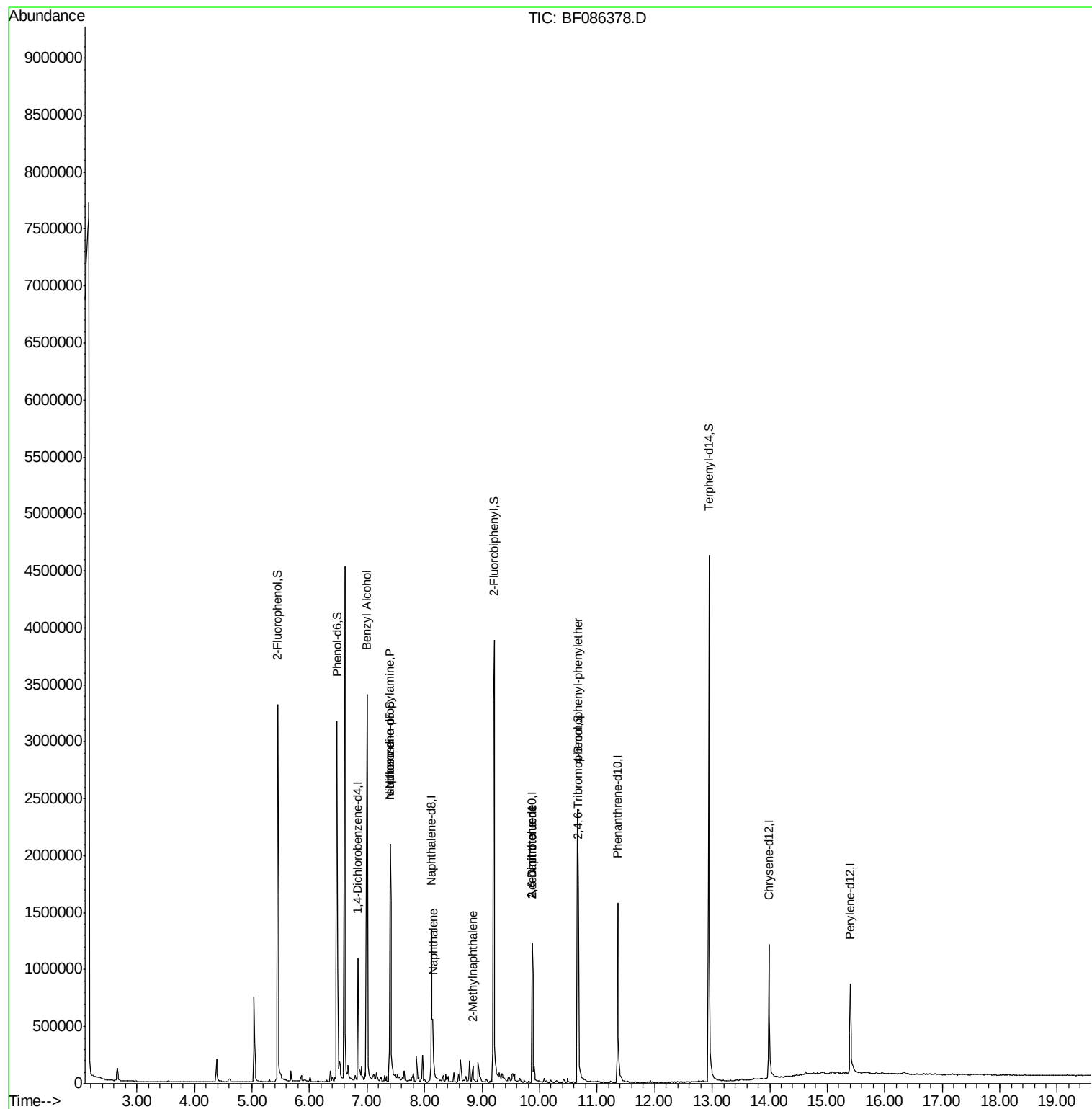
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	188840	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	779468	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	363235	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	733970	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	570804	20.00	ng	-0.01
86) Perylene-d12	15.40	264	444411	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1277740	116.85	ng	0.02
7) Phenol-d6	6.48	99	1534246	103.21	ng	0.00
23) Nitrobenzene-d5	7.40	82	1137610	86.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	459753	139.82	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	2012392	94.54	ng	0.00
78) Terphenyl-d14	12.95	244	1791360	77.97	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.00	79	19782	2.24	ng	# 35
19) n-Nitroso-di-n-propylamine	7.40	70	148879	16.76	ng	# 82
25) Isophorone	7.40	82	1165241	45.19	ng	# 68
31) Naphthalene	8.14	128	224387	5.65	ng	99
37) 2-Methylnaphthalene	8.84	142	69011	3.01	ng	98
50) 2,6-Dinitrotoluene	9.87	165	46096	8.13	ng	# 21
56) 2,4-Dinitrotoluene	9.87	165	49438	6.57	ng	# 17
66) 4-Bromophenyl-phenylether	10.66	248	28031	3.90	ng	# 1

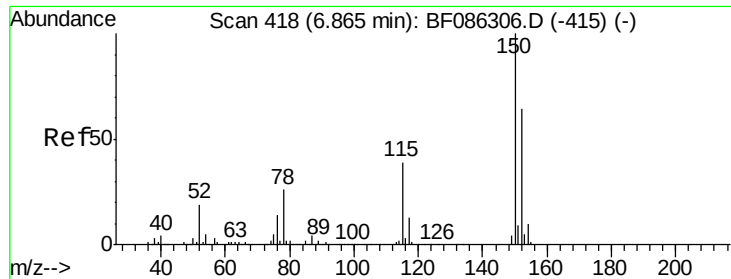
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086378.D
Acq On : 23 Apr 2016 8:45
Operator : UM/SJ
Sample : H2648-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-W

Quant Time: Apr 25 00:45:12 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



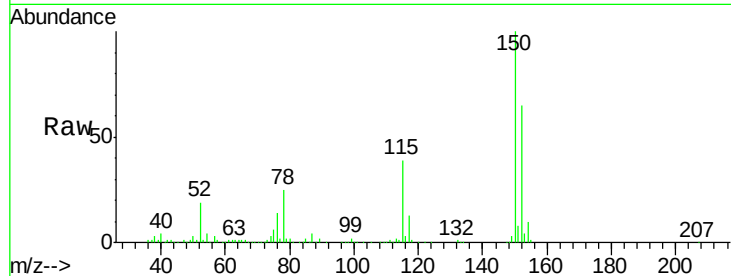


#1

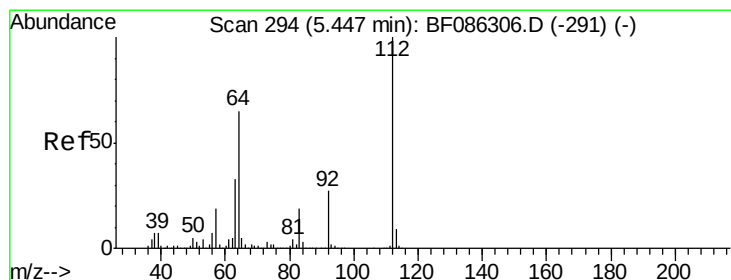
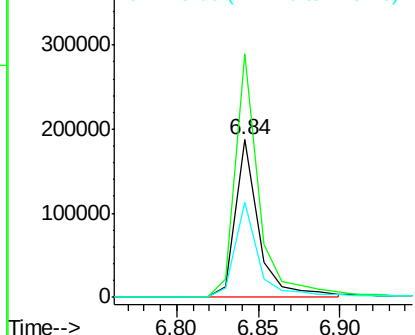
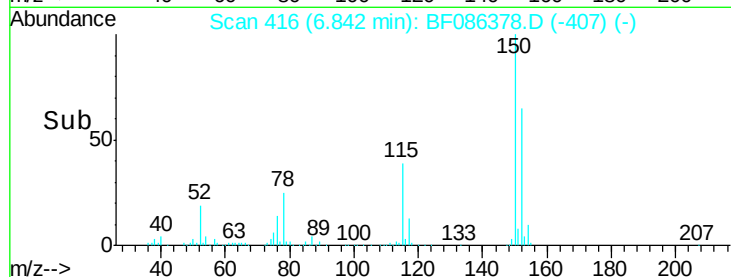
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF086378.D
Acq: 23 Apr 2016 8:45

Instrument :
BNA_F
ClientSampleId :
WC-W

Tgt Ion:152 Resp: 188840
Ion Ratio Lower Upper
152 100
150 154.5 125.8 188.6
115 60.6 51.5 77.3



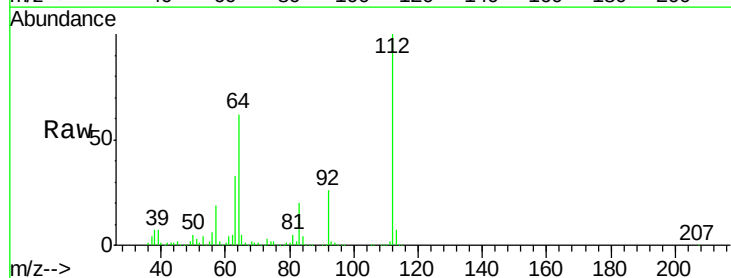
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



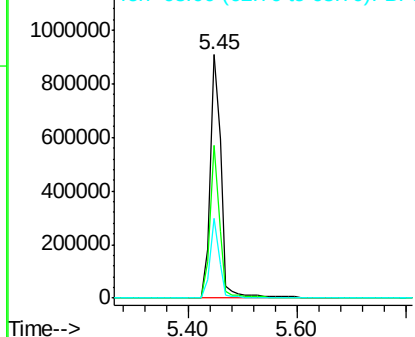
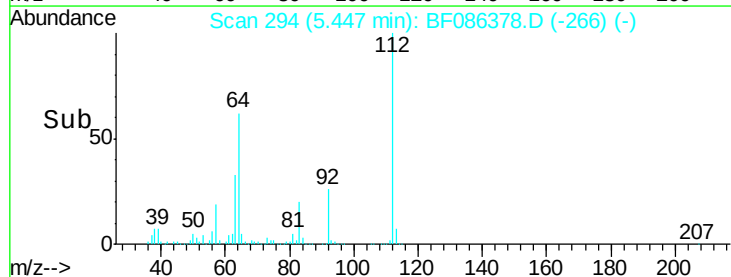
#5

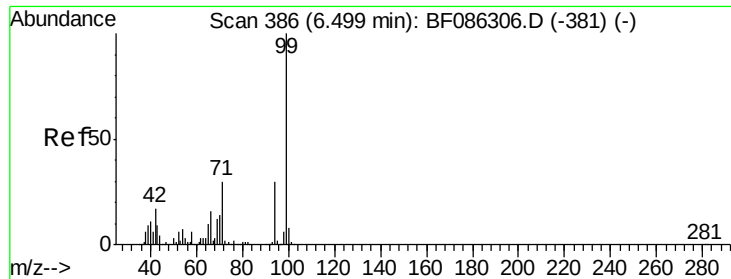
2-Fluorophenol
Concen: 116.85 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.02 min
Lab File: BF086378.D
Acq: 23 Apr 2016 8:45

Tgt Ion:112 Resp: 1277740
Ion Ratio Lower Upper
112 100
64 62.5 52.1 78.1
63 32.8 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: 103.21 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF086378.D

Acq: 23 Apr 2016 8:45

Instrument :

BNA_F

ClientSampled :

WC-W

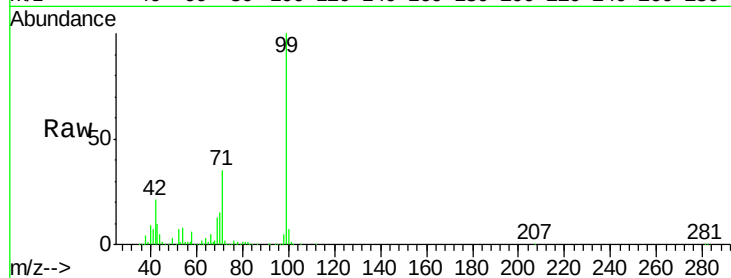
Tgt Ion: 99 Resp: 1534246

Ion Ratio Lower Upper

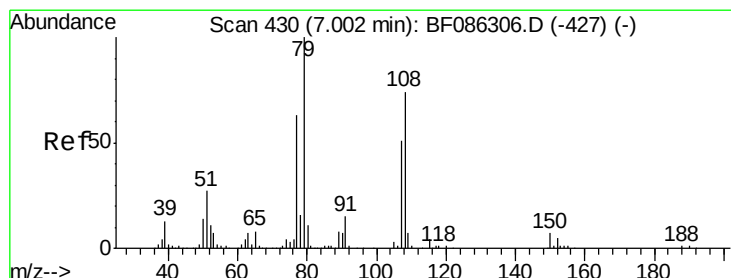
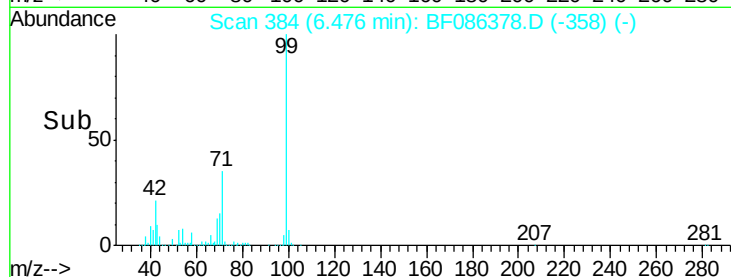
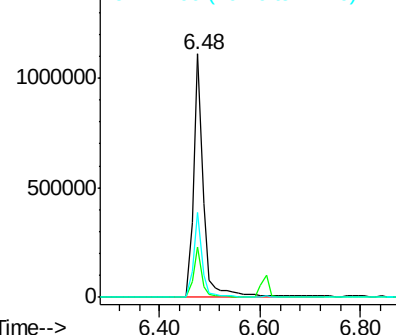
99 100

42 20.8 13.6 20.4#

71 34.7 24.6 36.8



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: 2.24 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF086378.D

Acq: 23 Apr 2016 8:45

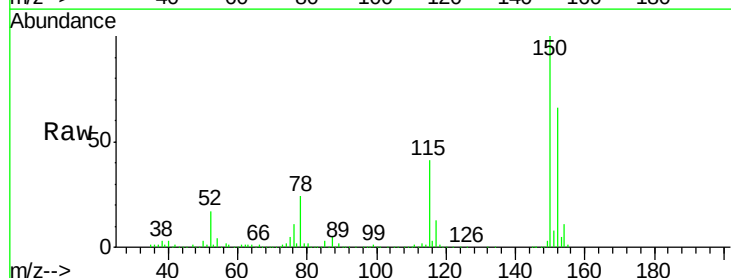
Tgt Ion: 79 Resp: 19782

Ion Ratio Lower Upper

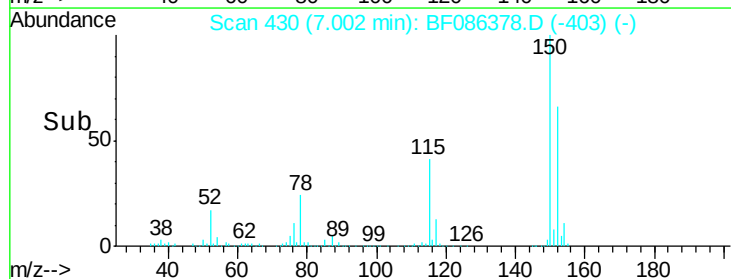
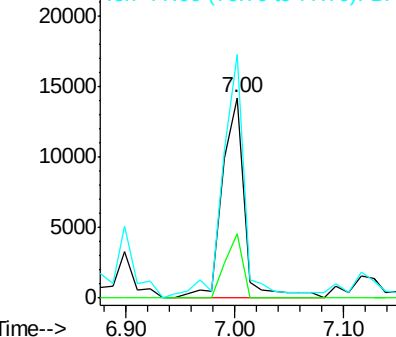
79 100

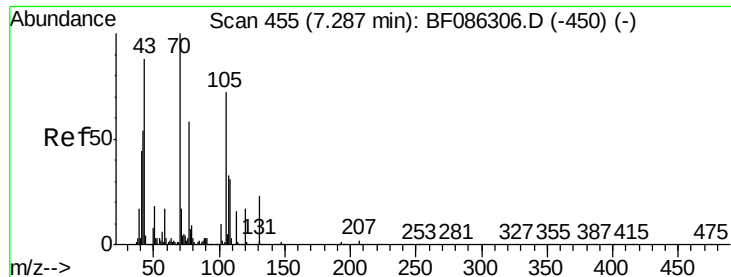
108 32.1 68.4 102.6#

77 121.5 50.6 76.0#



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

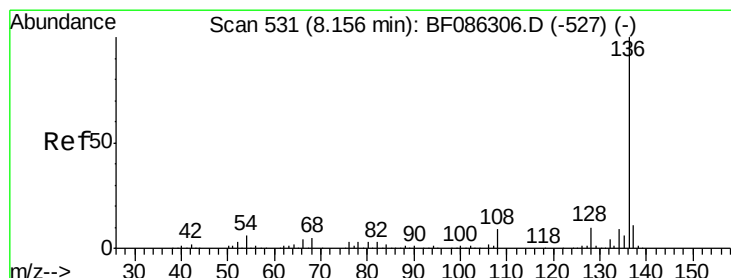
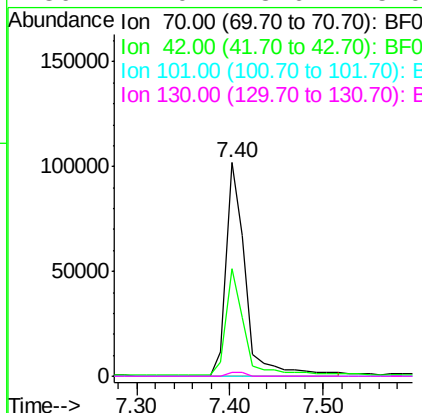
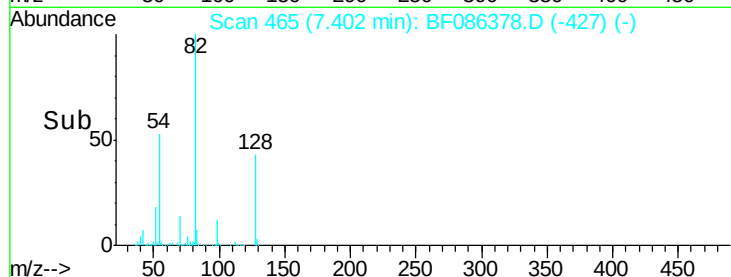
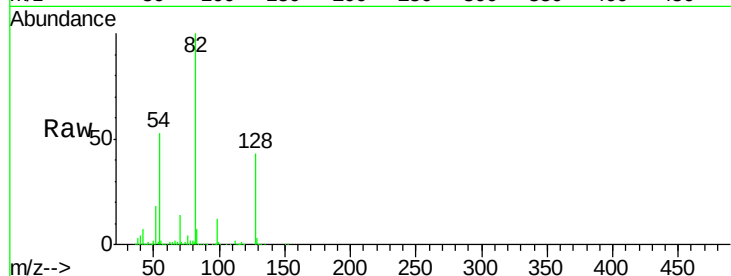




#19
n-Nitroso-di-n-propylamine
Concen: 16.76 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.14 min
Lab File: BF086378.D
Acq: 23 Apr 2016 8:45

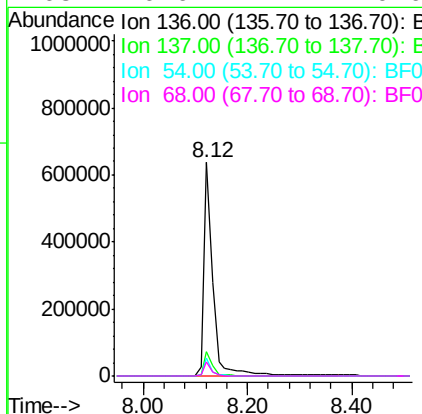
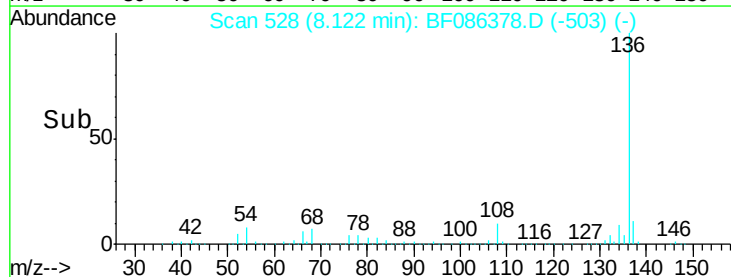
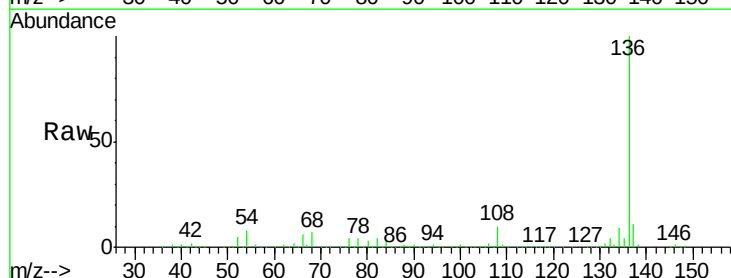
Instrument :
BNA_F
ClientSampleId :
WC-W

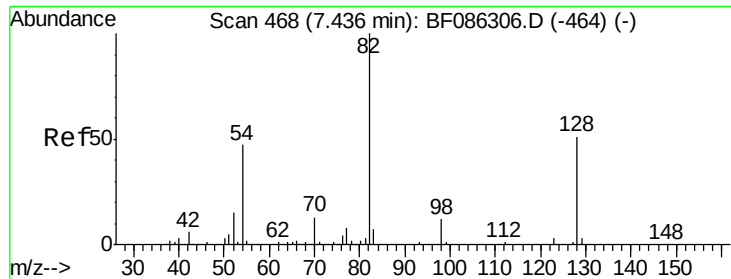
Tgt Ion: 70 Resp: 148879
Ion Ratio Lower Upper
70 100
42 50.2 43.1 64.7
101 0.0 8.1 12.1#
130 2.0 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF086378.D
Acq: 23 Apr 2016 8:45

Tgt Ion: 136 Resp: 779468
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 8.3 5.0 7.4#
68 6.6 4.4 6.6

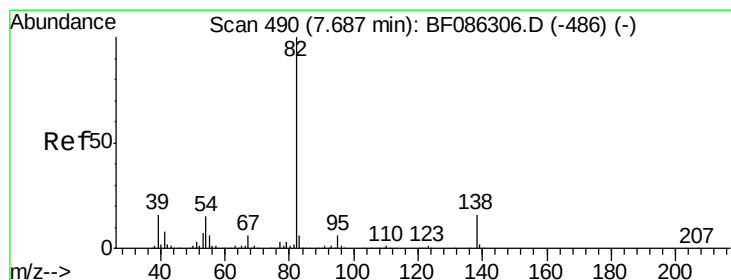
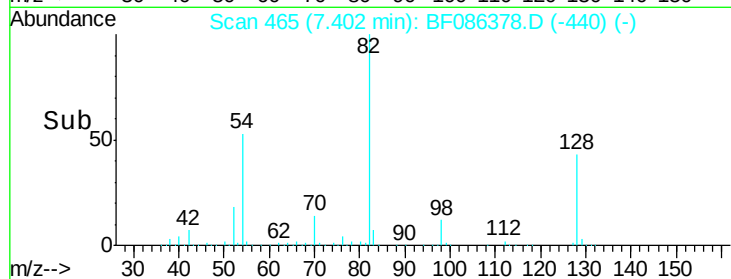
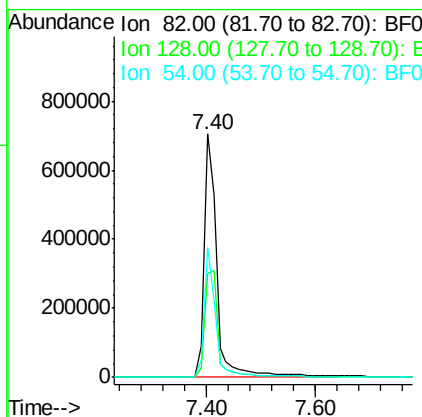
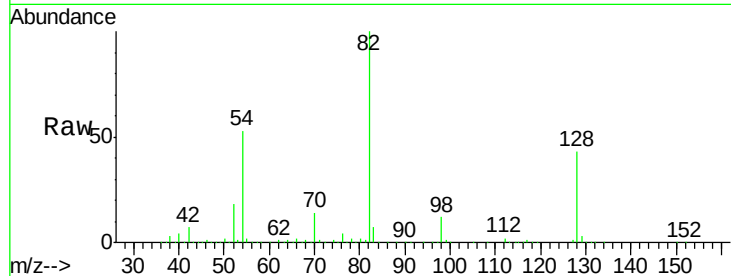




#23
 Nitrobenzene-d5
 Concen: 86.46 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF086378.D
 Acq: 23 Apr 2016 8:45

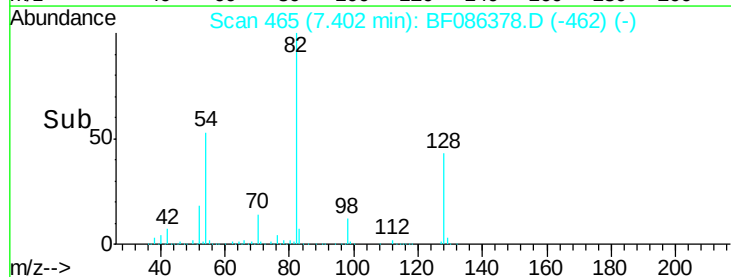
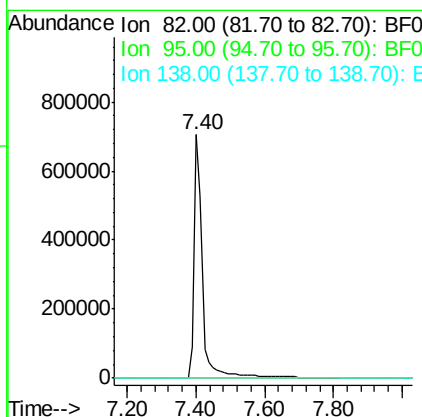
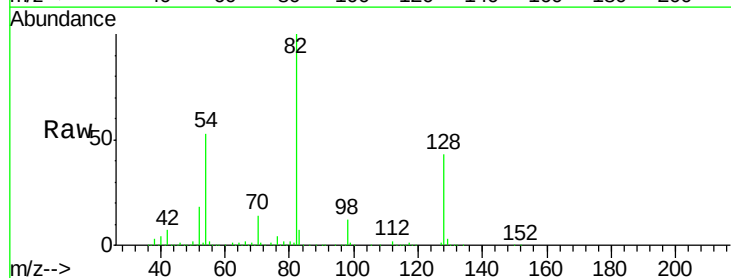
Instrument :
 BNA_F
 ClientSampled :
 WC-W

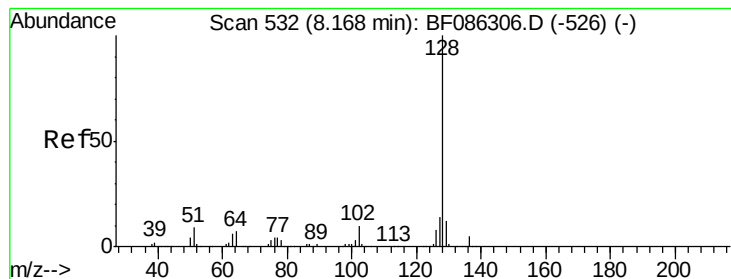
Tgt Ion: 82 Resp: 1137610
 Ion Ratio Lower Upper
 82 100
 128 42.9 40.6 61.0
 54 53.4 38.1 57.1



#25
 Isophorone
 Concen: 45.19 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.26 min
 Lab File: BF086378.D
 Acq: 23 Apr 2016 8:45

Tgt Ion: 82 Resp: 1165241
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#





#31

Naphthalene

Concen: 5.65 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF086378.D

Acq: 23 Apr 2016 8:45

Instrument :

BNA_F

ClientSampleId :

WC-W

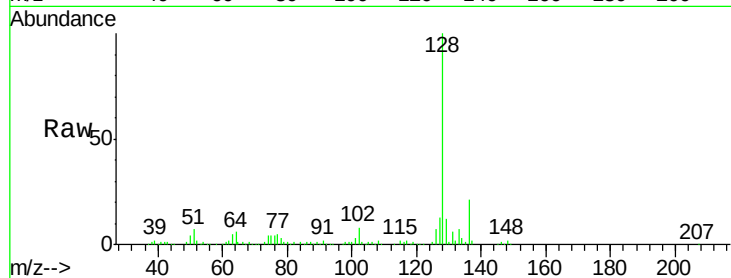
Tgt Ion:128 Resp: 224387

Ion Ratio Lower Upper

128 100

129 11.8 8.6 13.0

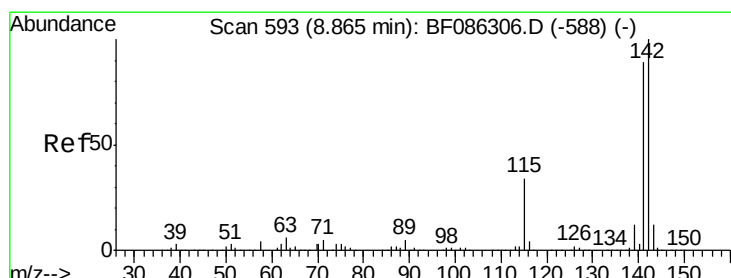
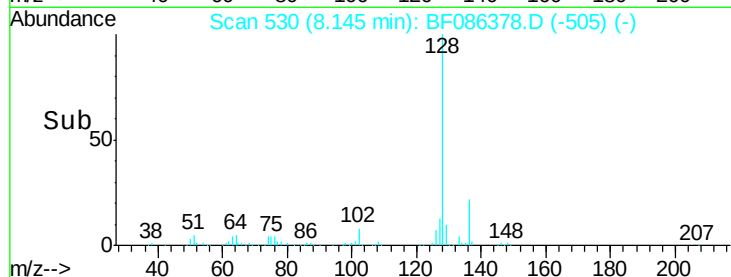
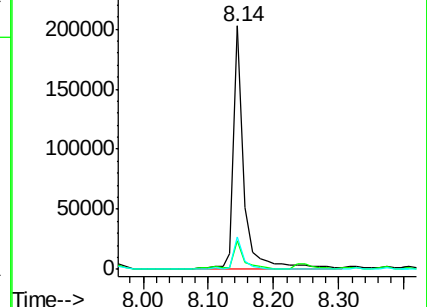
127 13.4 10.8 16.2



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: 3.01 ng

RT: 8.84 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF086378.D

Acq: 23 Apr 2016 8:45

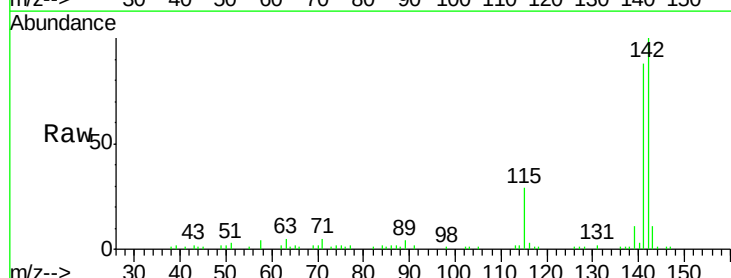
Tgt Ion:142 Resp: 69011

Ion Ratio Lower Upper

142 100

141 88.3 71.0 106.6

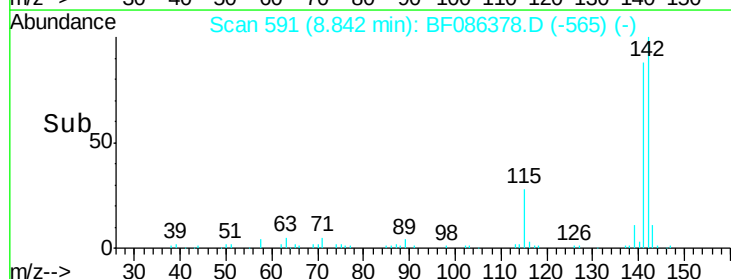
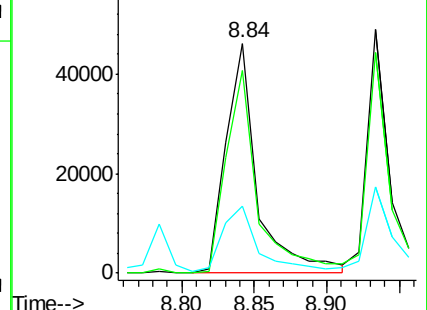
115 28.9 26.6 39.8

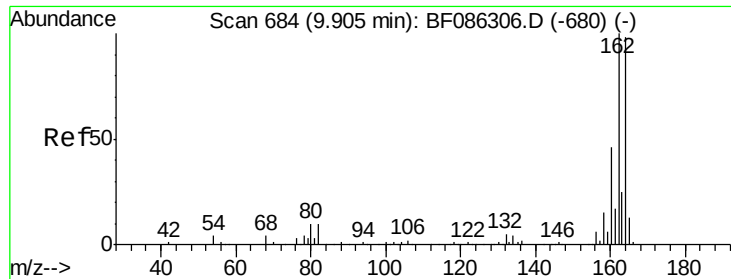


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

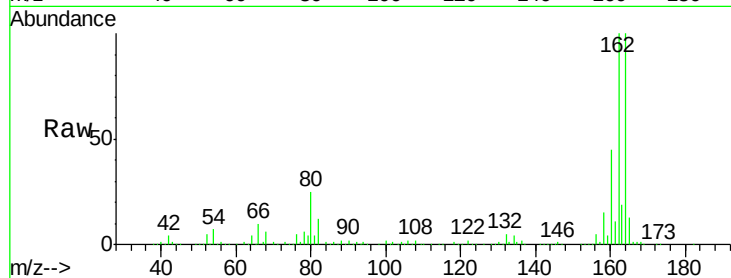




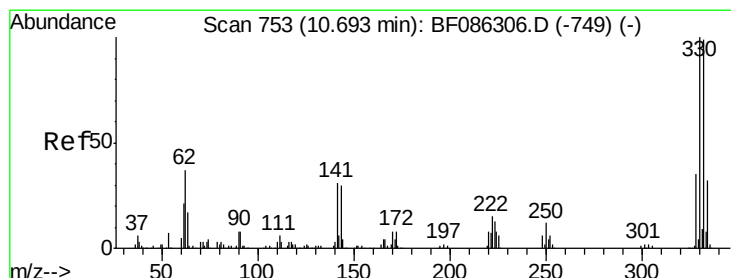
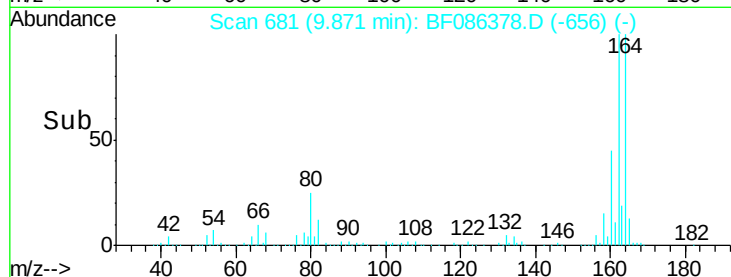
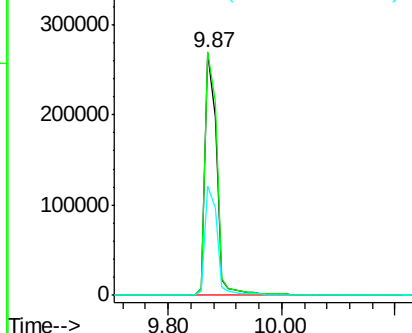
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF086378.D
Acq: 23 Apr 2016 8:45

Instrument :
BNA_F
ClientSampleId :
WC-W

Tgt Ion:164 Resp: 363235
Ion Ratio Lower Upper
164 100
162 100.3 82.8 124.2
160 45.1 36.9 55.3

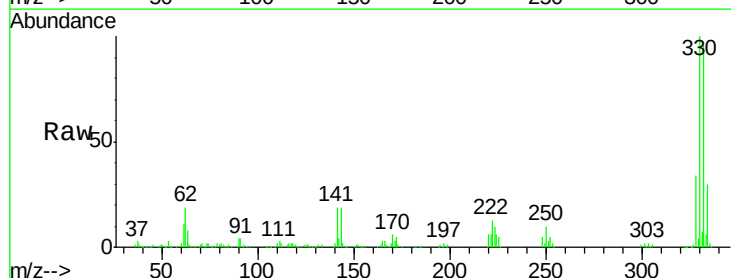


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

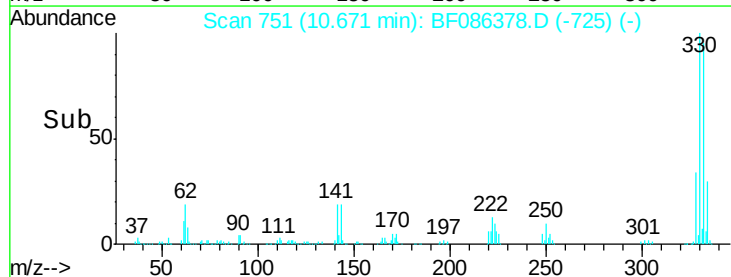
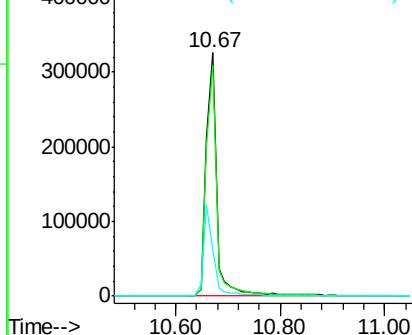


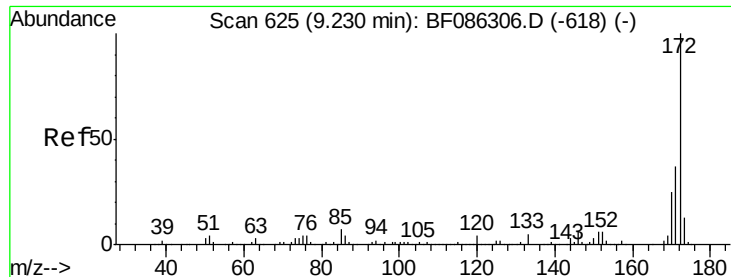
#41
2,4,6-Tribromophenol
Concen: 139.82 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF086378.D
Acq: 23 Apr 2016 8:45

Tgt Ion:330 Resp: 459753
Ion Ratio Lower Upper
330 100
332 94.5 79.0 118.4
141 35.8 31.2 46.8



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

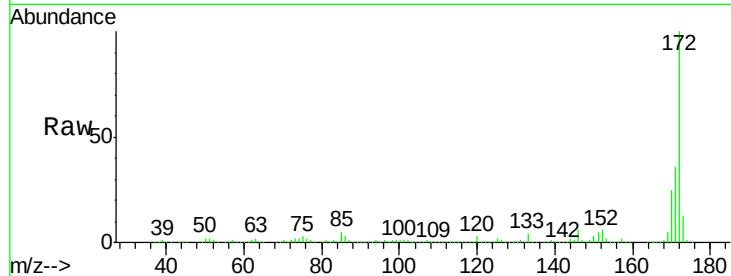




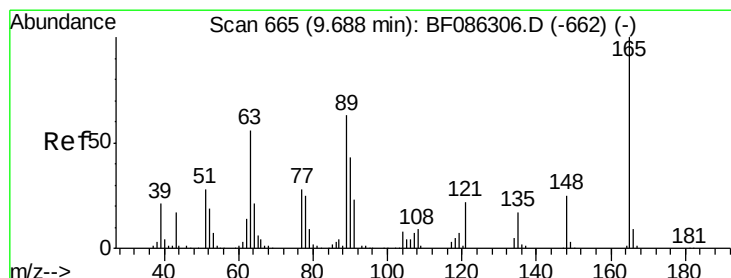
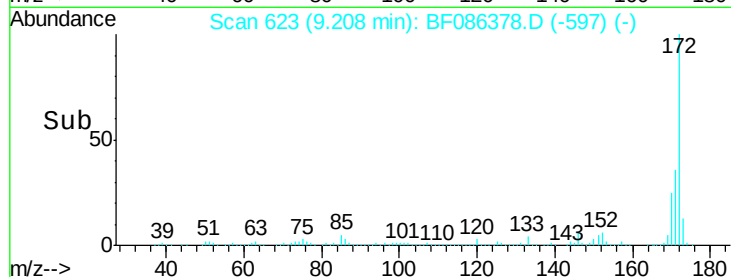
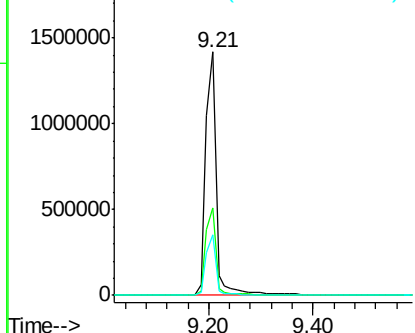
#44
 2-Fluorobiphenyl
 Concen: 94.54 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF086378.D
 Acq: 23 Apr 2016 8:45

Instrument :
 BNA_F
 ClientSampleId :
 WC-W

Tgt Ion:172 Resp: 2012392
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 25.0 19.8 29.8

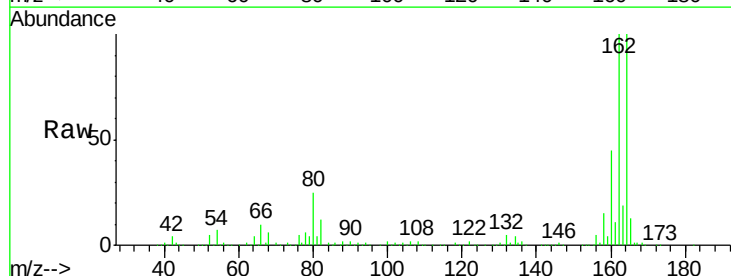


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

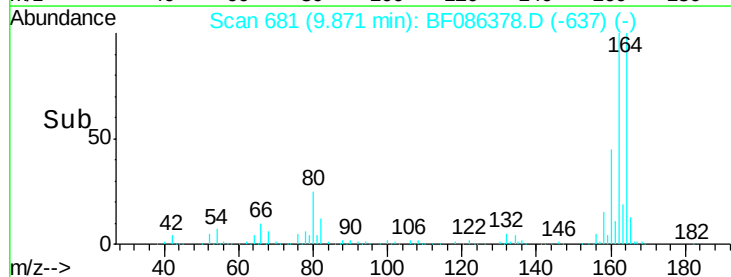
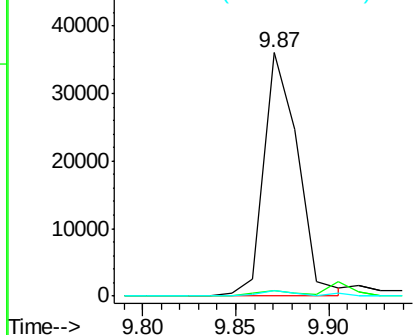


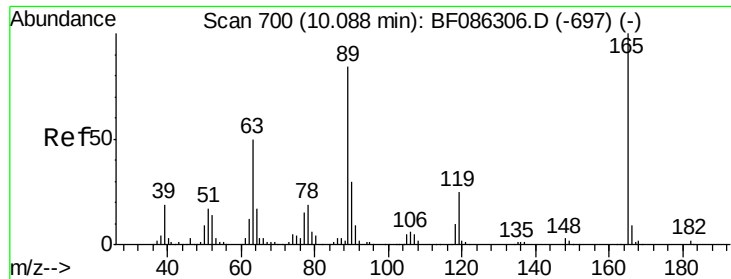
#50
 2,6-Dinitrotoluene
 Concen: 8.13 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.21 min
 Lab File: BF086378.D
 Acq: 23 Apr 2016 8:45

Tgt Ion:165 Resp: 46096
 Ion Ratio Lower Upper
 165 100
 63 2.3 51.8 77.8#
 89 2.3 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

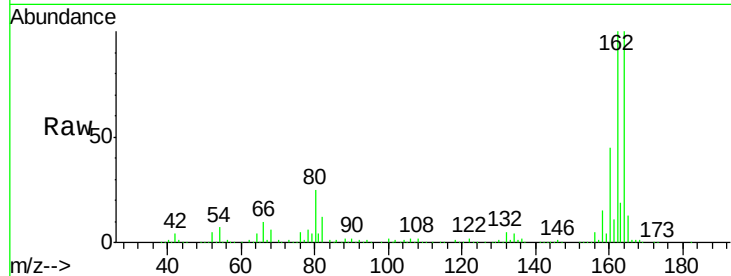




#56
 2,4-Dinitrotoluene
 Concen: 6.57 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.19 min
 Lab File: BF086378.D
 Acq: 23 Apr 2016 8:45

Instrument :
 BNA_F
 ClientSampled :
 WC-W

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	44.3	66.5#
89	2.3	70.0	105.0#
182	1.0	1.8	2.6#

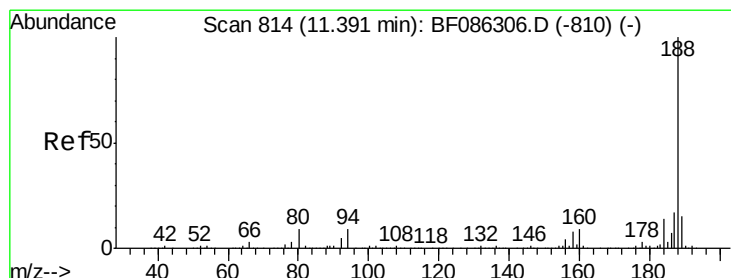
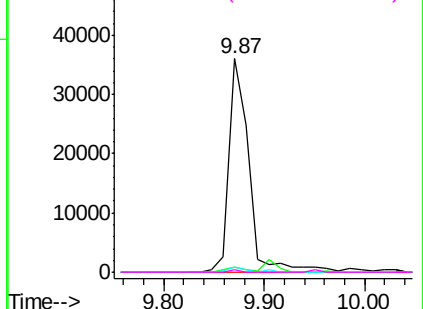
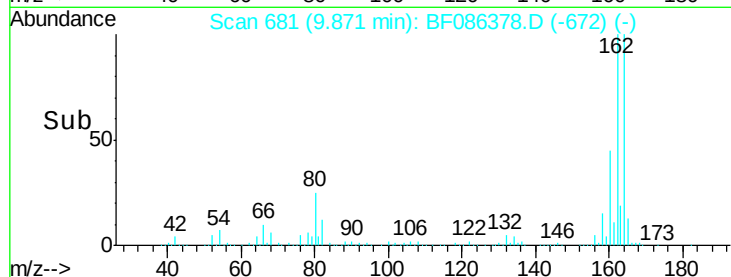


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

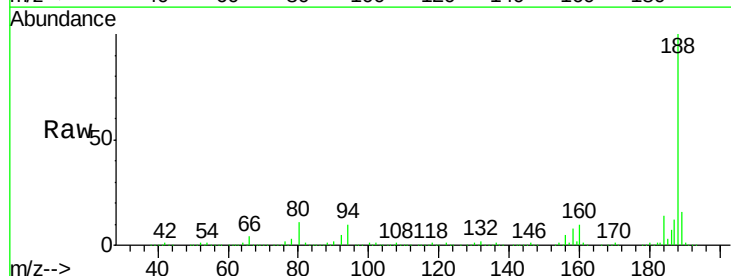
Ion 89.00 (88.70 to 89.70): BF0

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: BF086378.D
 Acq: 23 Apr 2016 8:45

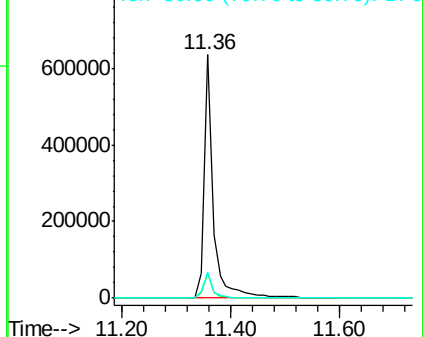
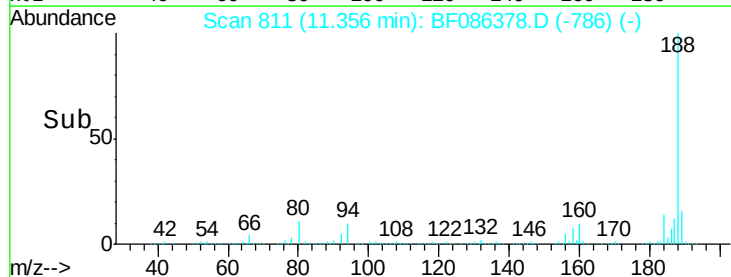
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	6.8	10.2#
80	10.8	7.1	10.7#

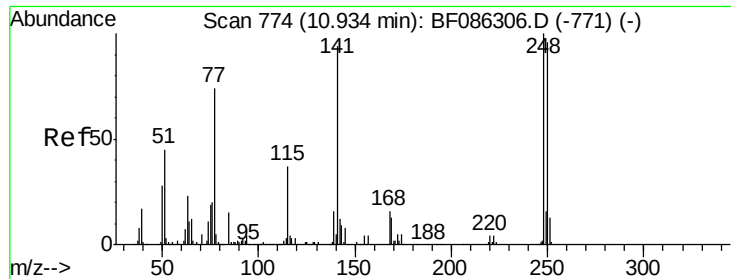


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.90 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.25 min

Lab File: BF086378.D

Acq: 23 Apr 2016 8:45

Instrument :

BNA_F

ClientSampleId :

WC-W

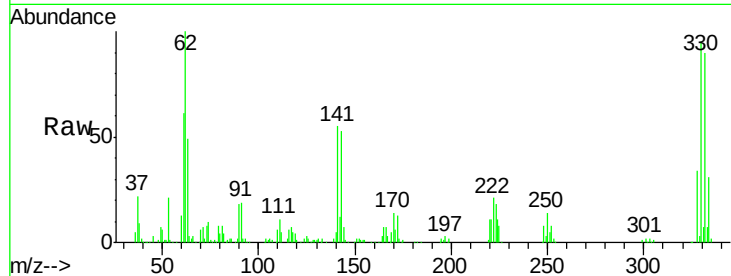
Tgt Ion:248 Resp: 28031

Ion Ratio Lower Upper

248 100

250 189.8 78.6 117.8#

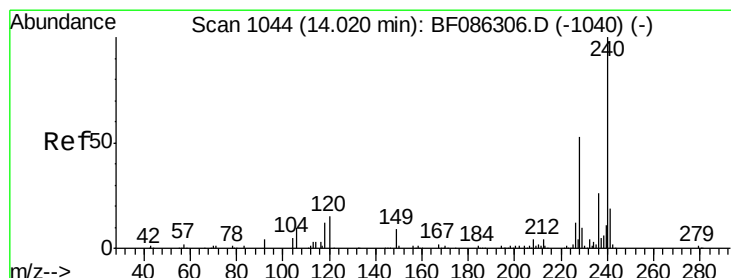
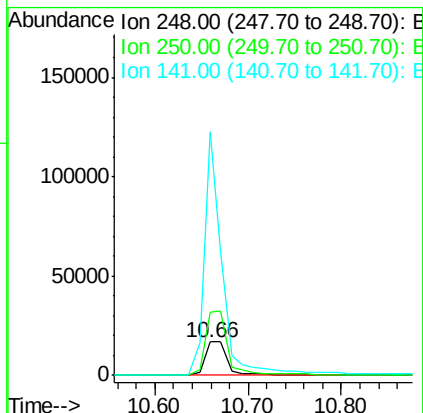
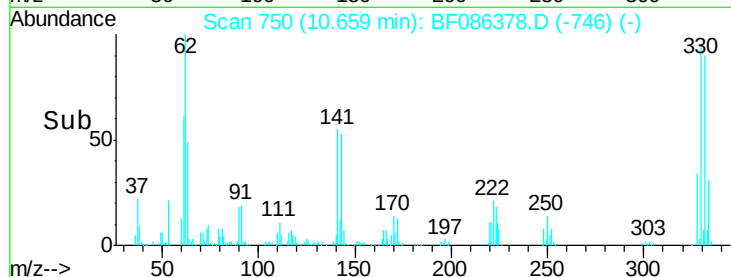
141 727.4 76.0 114.0#



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: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF086378.D

Acq: 23 Apr 2016 8:45

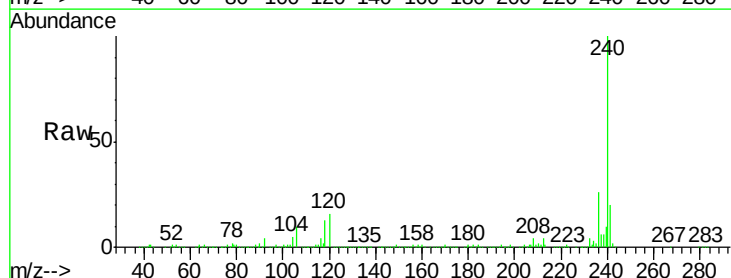
Tgt Ion:240 Resp: 570804

Ion Ratio Lower Upper

240 100

120 15.8 11.2 16.8

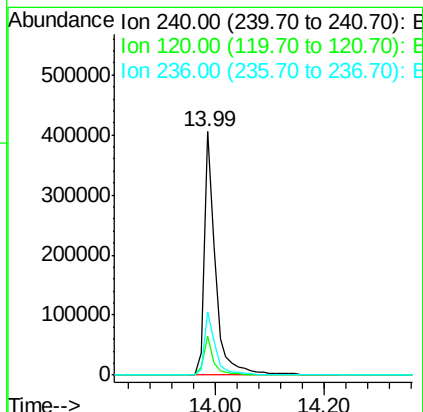
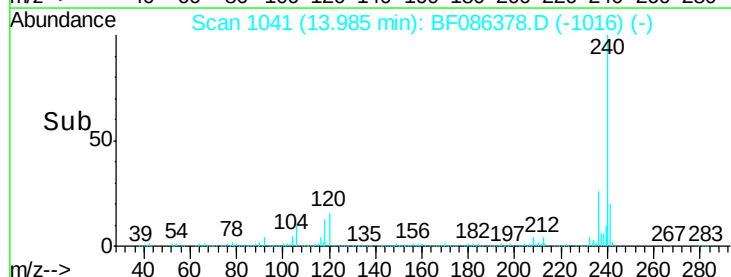
236 25.9 21.2 31.8

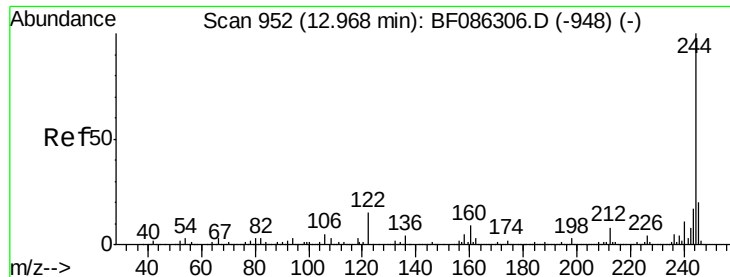


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.97 ng

RT: 12.95 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF086378.D

Acq: 23 Apr 2016 8:45

Instrument :

BNA_F

ClientSampleId :

WC-W

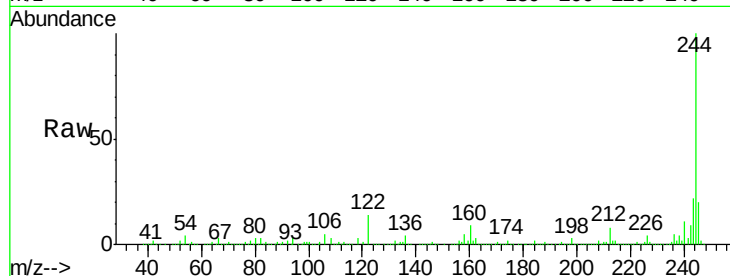
Tgt Ion:244 Resp: 1791360

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

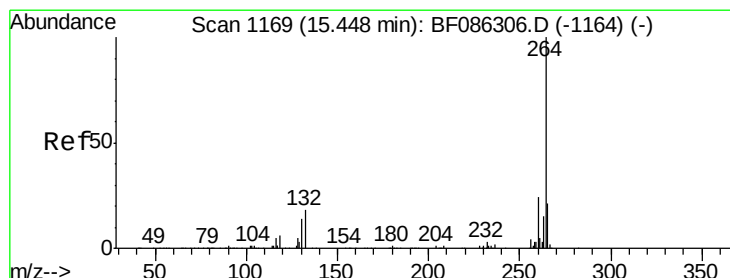
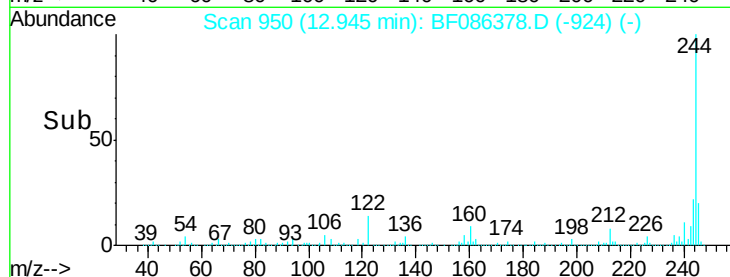
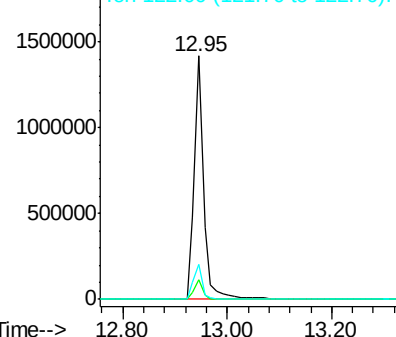
122 14.1 12.0 18.0



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: BF086378.D

Acq: 23 Apr 2016 8:45

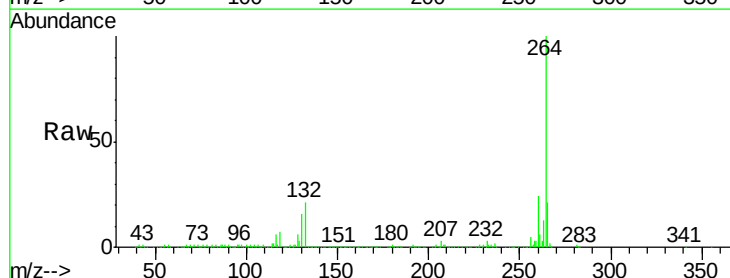
Tgt Ion:264 Resp: 444411

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.4 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

