

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082196.D
 Acq On : 11 Oct 2015 1:12
 Operator : UM/IZ
 Sample : G3979-25
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 03:02:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 02:59:50 2015
 Response via : Initial Calibration

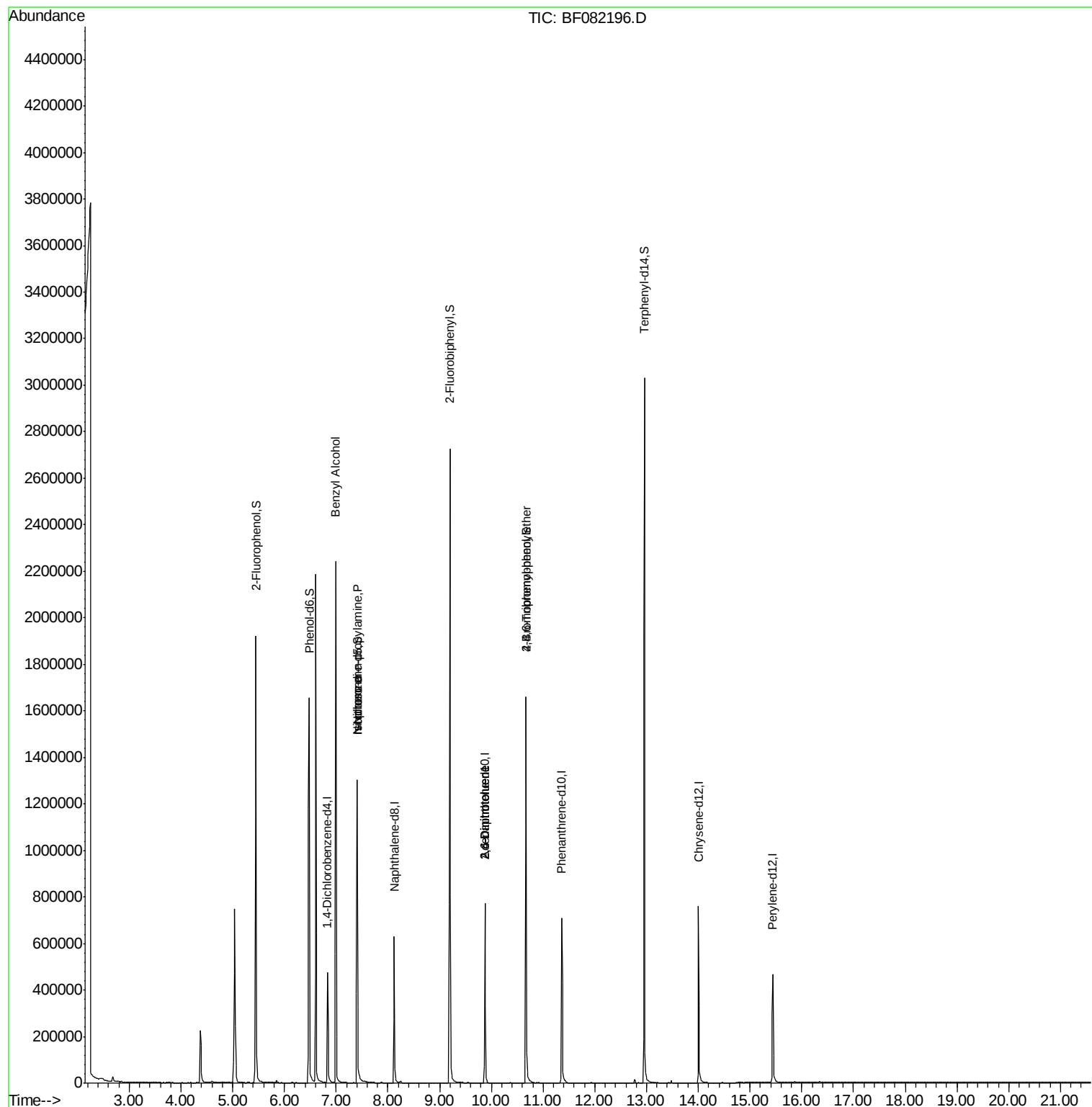
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	95100	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	372330	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	187127	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	384763	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	354124	20.00	ng	-0.01
86) Perylene-d12	15.44	264	267947	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	671509	142.51	ng	0.02
7) Phenol-d6	6.48	99	827364	134.93	ng	0.00
23) Nitrobenzene-d5	7.41	82	545575	98.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	297503	169.53	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1094228	96.97	ng	-0.01
78) Terphenyl-d14	12.96	244	1309667	98.00	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.99	79	9483	2.24	ng	# 48
19) n-Nitroso-di-n-propylamine	7.41	70	68323	15.87	ng	# 80
25) Isophorone	7.41	82	445565	39.82	ng	# 66
50) 2,6-Dinitrotoluene	9.87	165	22914	8.24	ng	# 32
56) 2,4-Dinitrotoluene	9.87	165	22914	6.59	ng	# 23
66) 4-Bromophenyl-phenylether	10.67	248	19353	5.03	ng	# 1

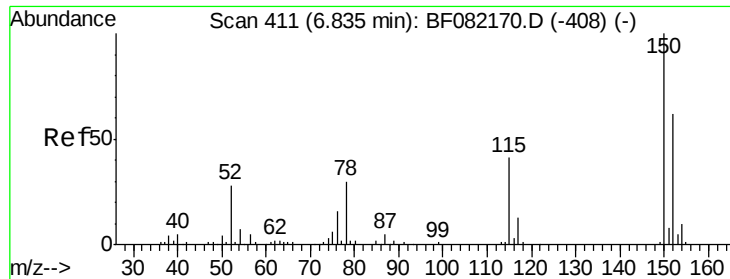
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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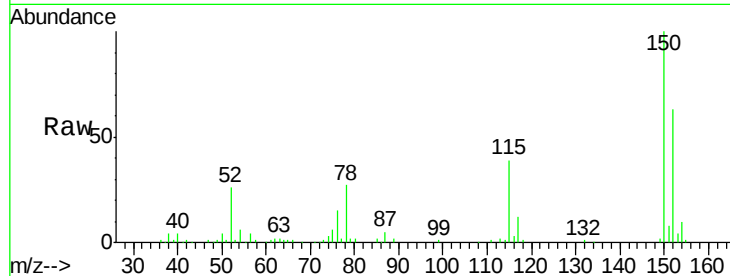


#1

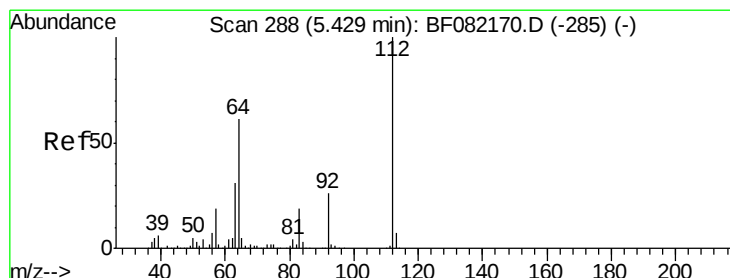
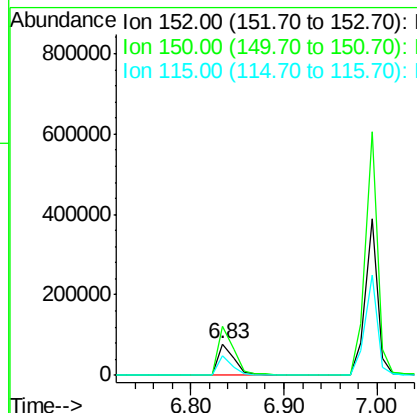
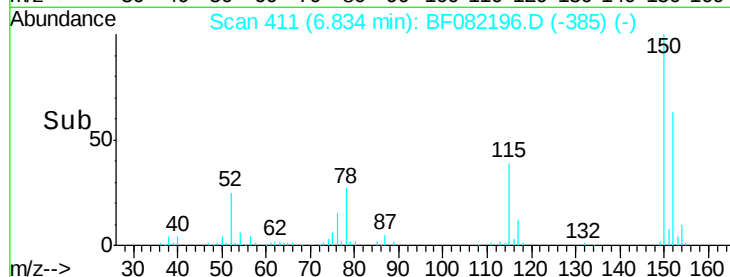
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF082196.D
Acq: 11 Oct 2015 1:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	129.0	193.4
115	62.7	52.1	78.1



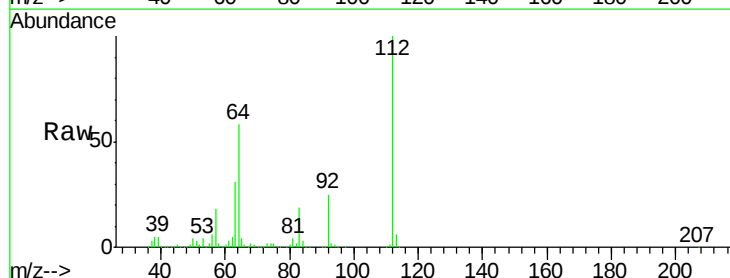
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



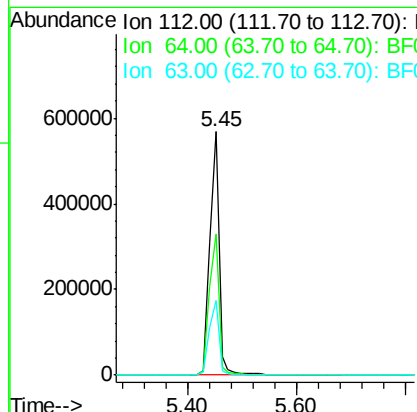
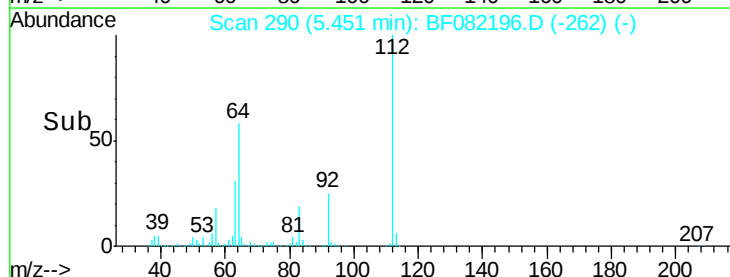
#5

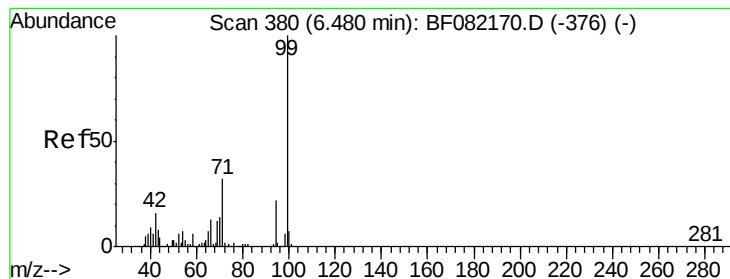
2-Fluorophenol
Concen: 142.51 ng
RT: 5.45 min Scan# 290
Delta R.T. 0.02 min
Lab File: BF082196.D
Acq: 11 Oct 2015 1:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	48.6	73.0
63	30.5	25.1	37.7



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: 134.93 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082196.D

Acq: 11 Oct 2015 1:12

Instrument :

BNA_F

ClientSampleId :

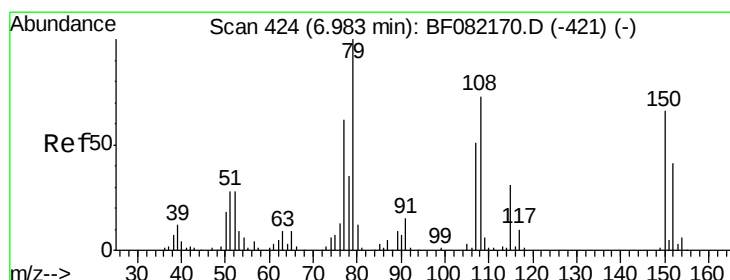
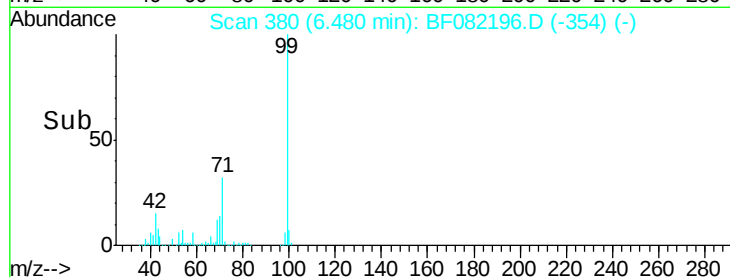
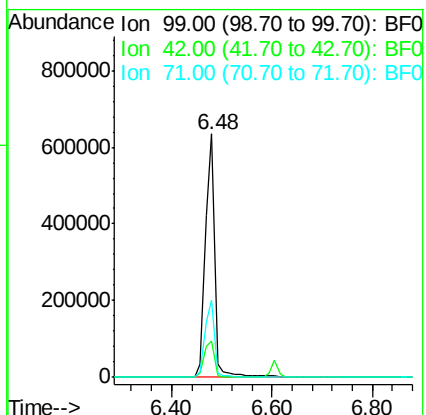
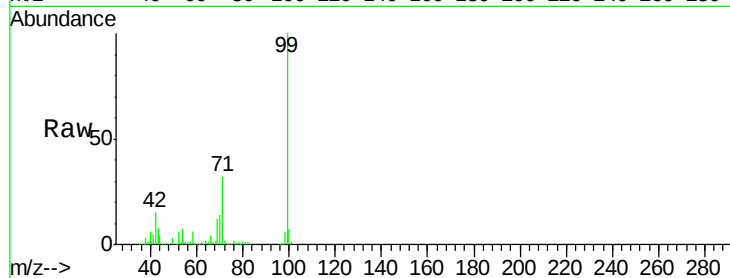
Tot Ion: 99 Resp: 827364

Ion Ratio Lower Upper

99 100

42 15.1 13.2 19.8

71 31.9 25.6 38.4



#15

Benzyl Alcohol

Concen: 2.24 ng

RT: 6.99 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF082196.D

Acq: 11 Oct 2015 1:12

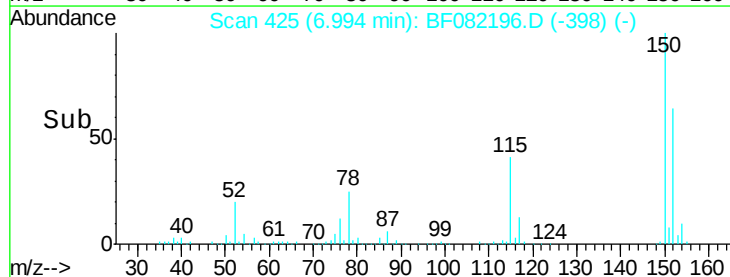
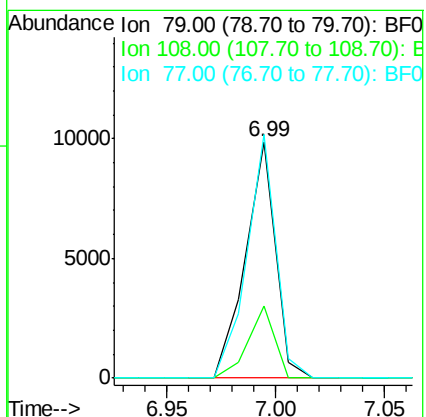
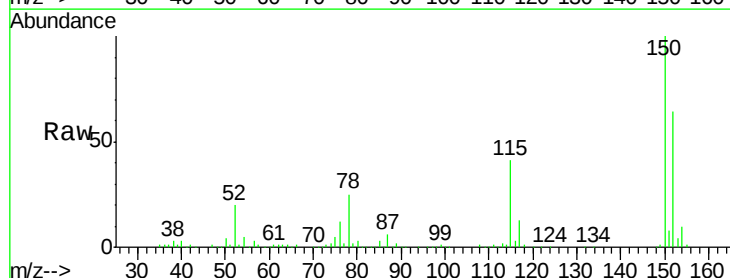
Tgt Ion: 79 Resp: 9483

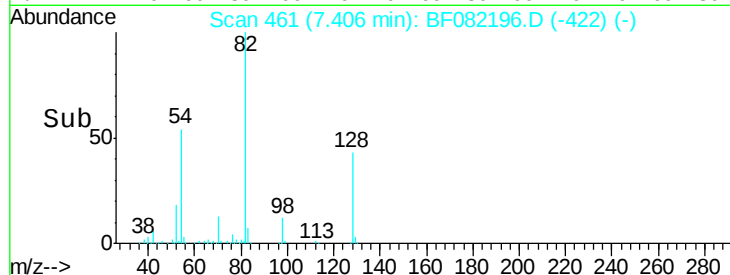
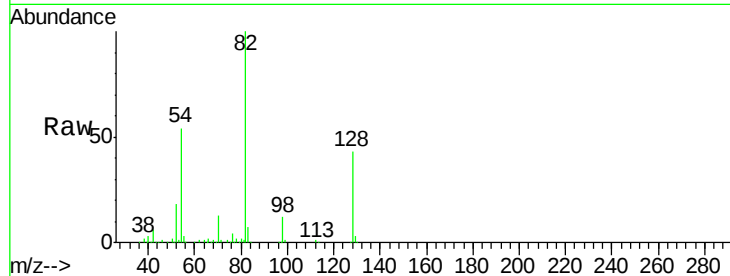
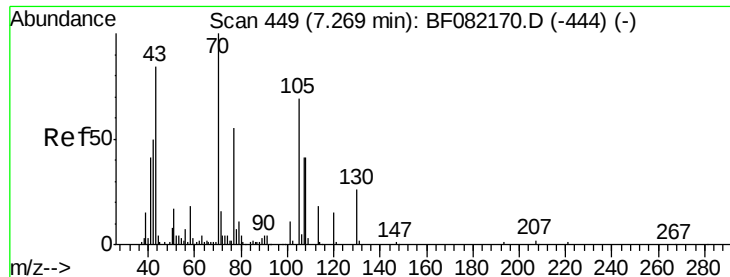
Ion Ratio Lower Upper

79 100

108 30.7 58.4 87.6#

77 103.1 49.8 74.6#

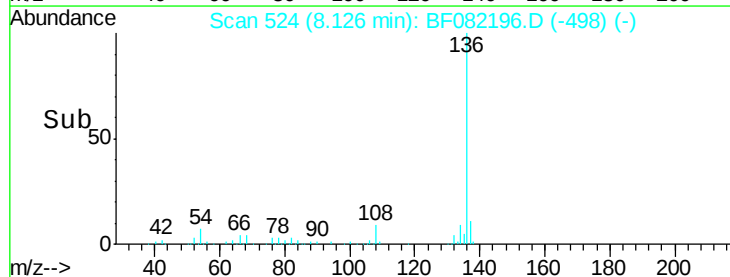
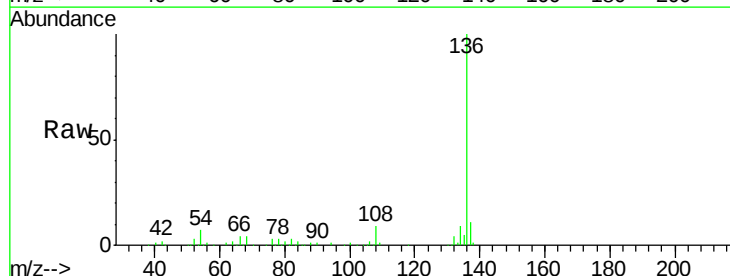
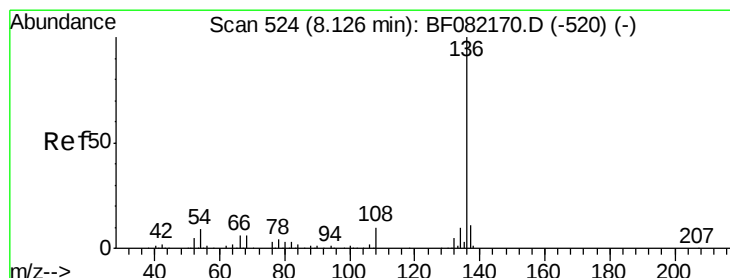
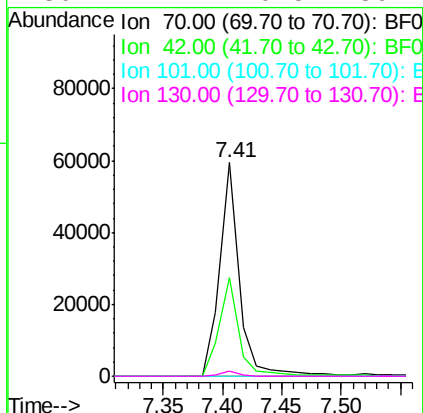




#19
n-Nitroso-di-n-propylamine
Concen: 15.87 ng
RT: 7.41 min Scan# 461
Delta R.T. 0.15 min
Lab File: BF082196.D
Acq: 11 Oct 2015 1:12

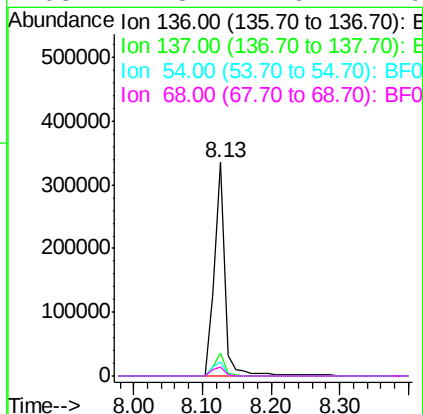
Instrument :
BNA_F
ClientSampleId :

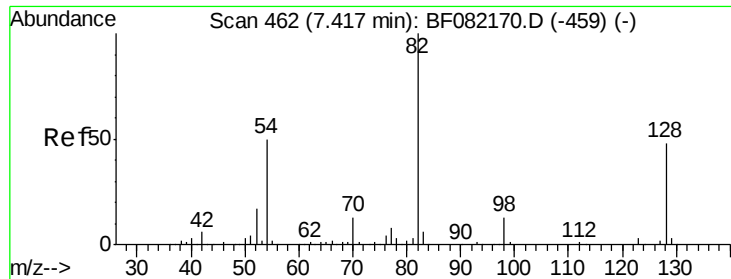
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.2	39.8	59.8
101	0.0	8.6	13.0#
130	2.2	20.5	30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082196.D
Acq: 11 Oct 2015 1:12

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	6.7	7.5	11.3#
68	4.3	4.6	7.0#

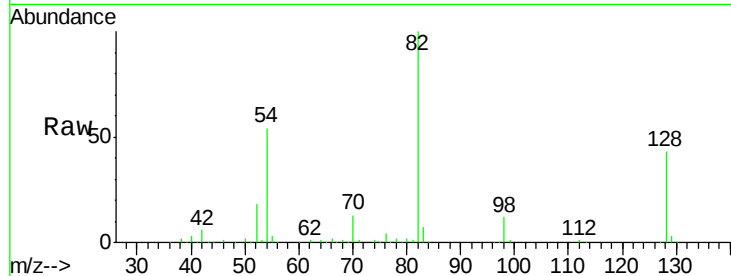




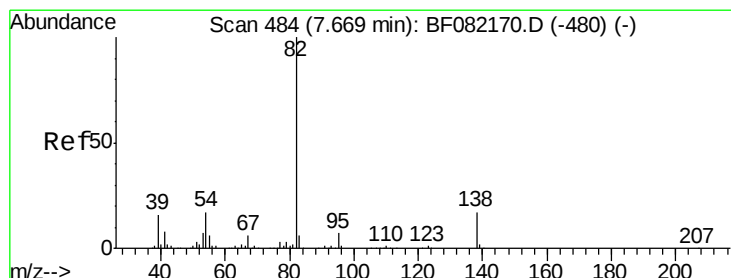
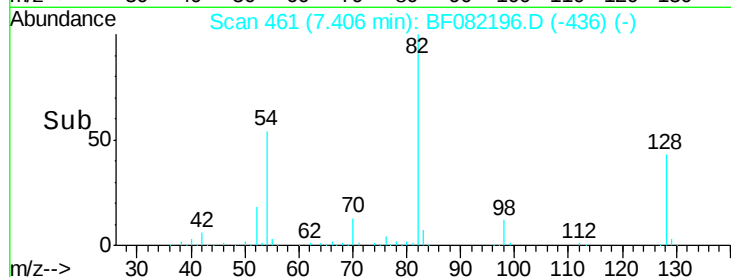
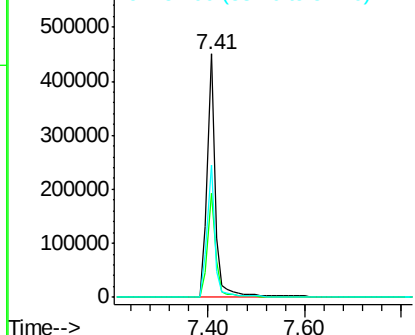
#23
 Nitrobenzene-d5
 Concen: 98.40 ng
 RT: 7.41 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF082196.D
 Acq: 11 Oct 2015 1:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 545575
 Ion Ratio Lower Upper
 82 100
 128 42.5 38.7 58.1
 54 54.2 40.1 60.1

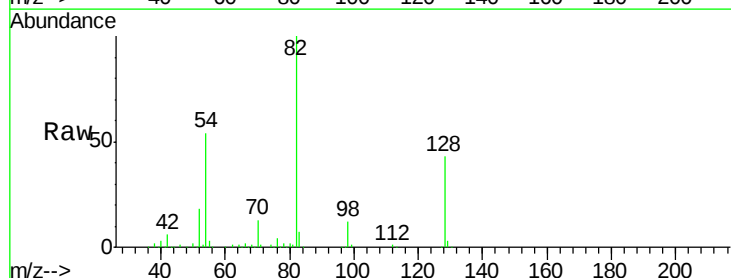


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

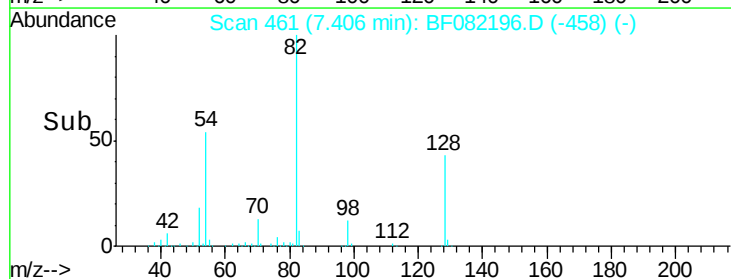
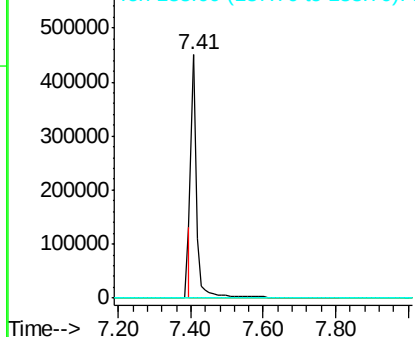


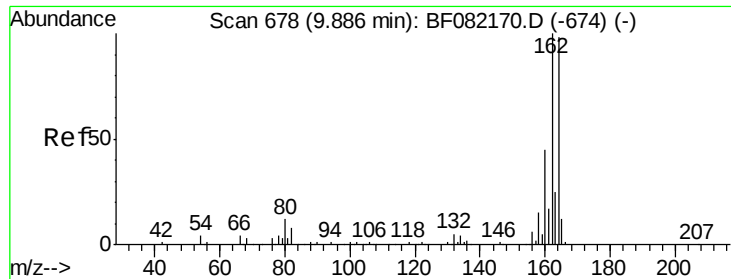
#25
 Isophorone
 Concen: 39.82 ng
 RT: 7.41 min Scan# 461
 Delta R.T. -0.26 min
 Lab File: BF082196.D
 Acq: 11 Oct 2015 1:12

Tgt Ion: 82 Resp: 445565
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 13.6 20.4#



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

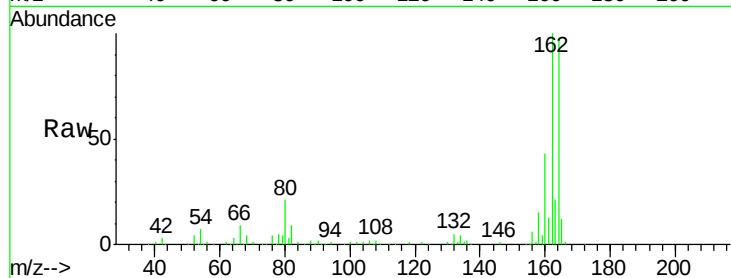




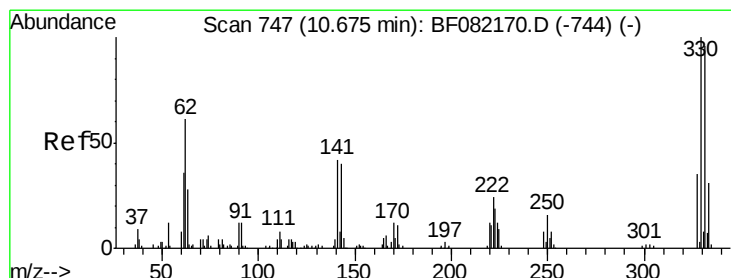
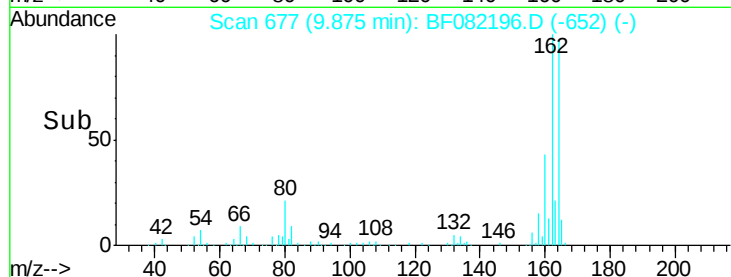
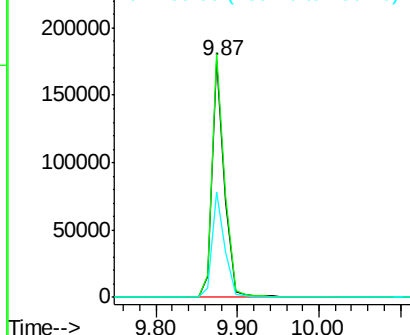
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF082196.D
Acq: 11 Oct 2015 1:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 187127
Ion Ratio Lower Upper
164 100
162 102.9 81.6 122.4
160 44.3 36.4 54.6

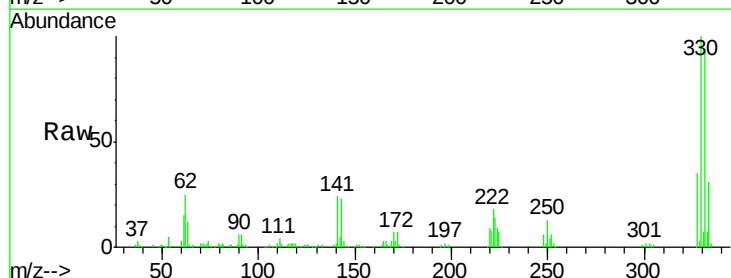


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

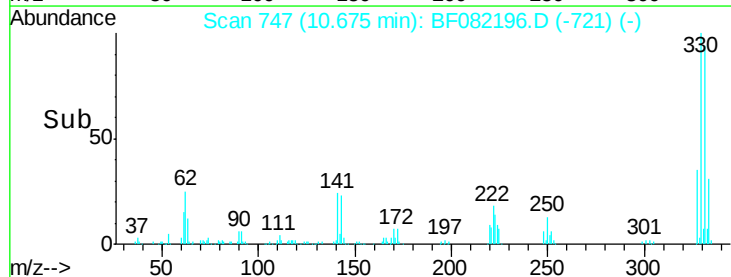
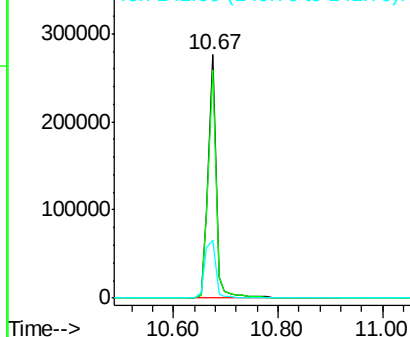


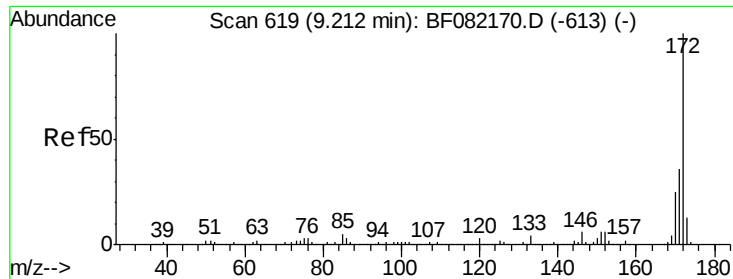
#41
2,4,6-Tribromophenol
Concen: 169.53 ng
RT: 10.67 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF082196.D
Acq: 11 Oct 2015 1:12

Tgt Ion:330 Resp: 297503
Ion Ratio Lower Upper
330 100
332 95.5 77.1 115.7
141 33.0 29.8 44.8



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

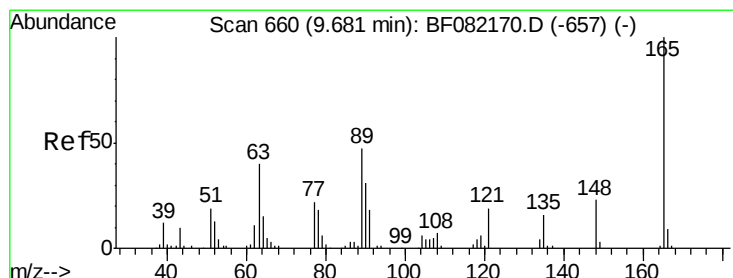
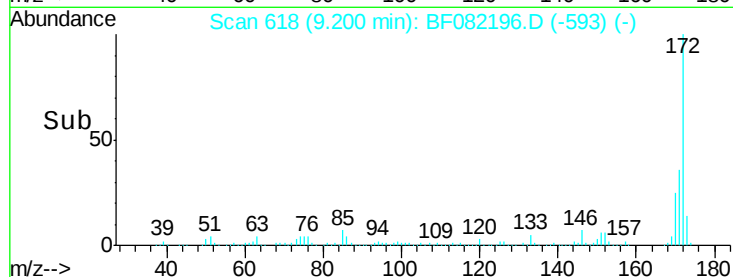
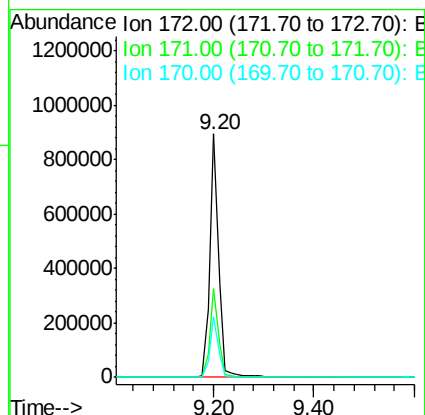
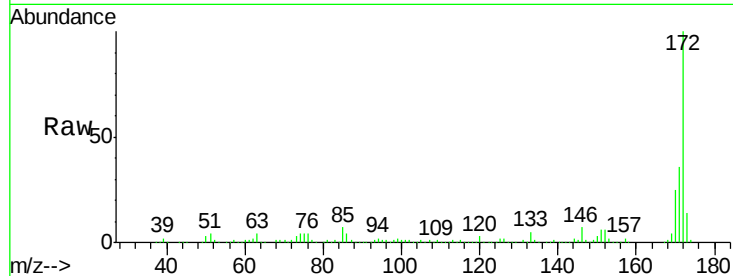




#44
 2-Fluorobiphenyl
 Concen: 96.97 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082196.D
 Acq: 11 Oct 2015 1:12

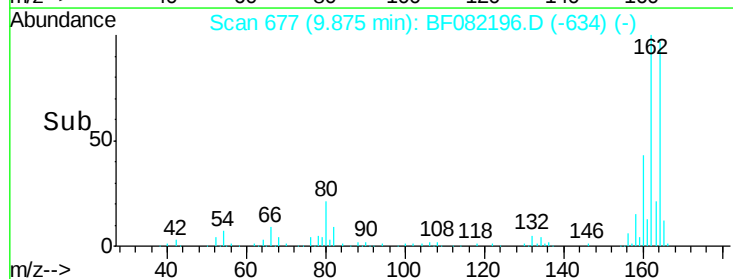
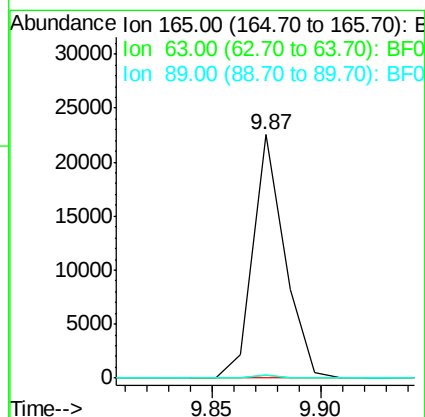
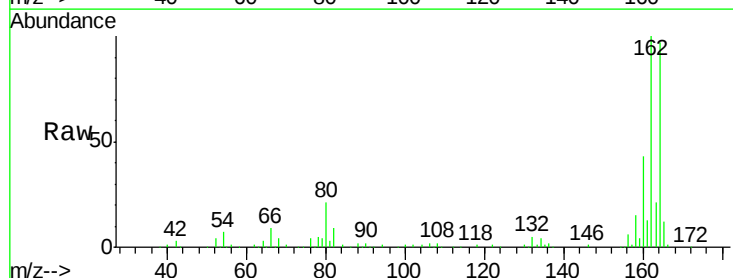
Instrument :
 BNA_F
 ClientSampled :

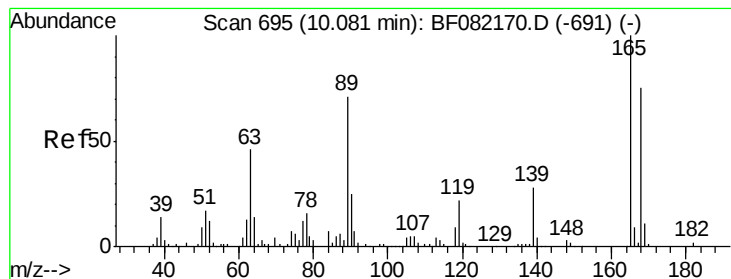
Tot Ion:172 Resp: 1094228
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 42.8
 170 25.1 19.7 29.5



#50
 2,6-Dinitrotoluene
 Concen: 8.24 ng
 RT: 9.87 min Scan# 677
 Delta R.T. 0.19 min
 Lab File: BF082196.D
 Acq: 11 Oct 2015 1:12

Tgt Ion:165 Resp: 22914
 Ion Ratio Lower Upper
 165 100
 63 1.4 36.7 55.1#
 89 1.4 37.8 56.6#





#56

2,4-Dinitrotoluene

Concen: 6.59 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.21 min

Lab File: BF082196.D

Acq: 11 Oct 2015 1:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 22914

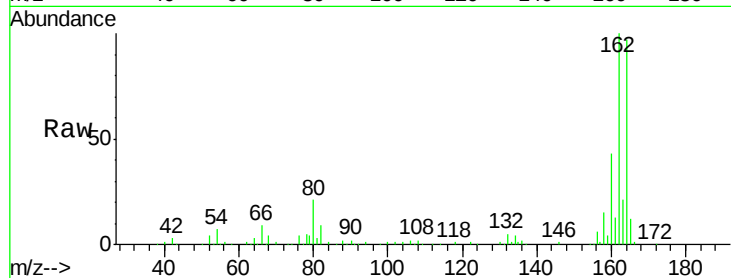
Ion Ratio Lower Upper

165 100

63 1.4 38.6 58.0#

89 1.4 57.0 85.6#

182 0.0 1.8 2.6#

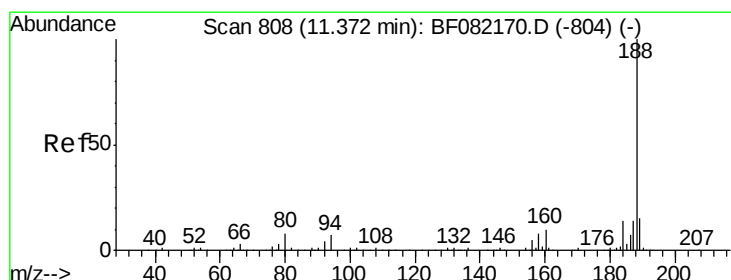
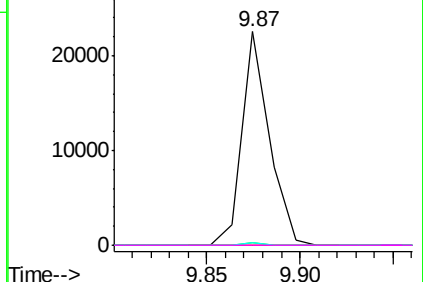
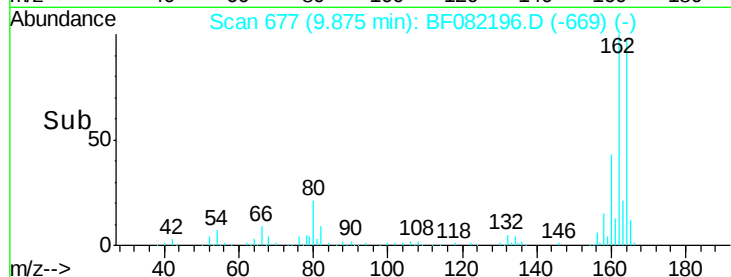


Abundance Ion 165.00 (164.70 to 165.70): E

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# 807

Delta R.T. -0.01 min

Lab File: BF082196.D

Acq: 11 Oct 2015 1:12

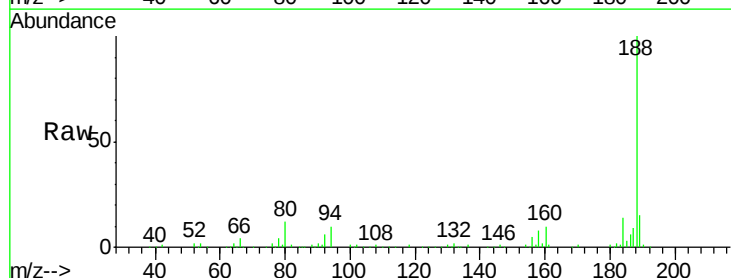
Tgt Ion:188 Resp: 384763

Ion Ratio Lower Upper

188 100

94 10.5 5.8 8.6#

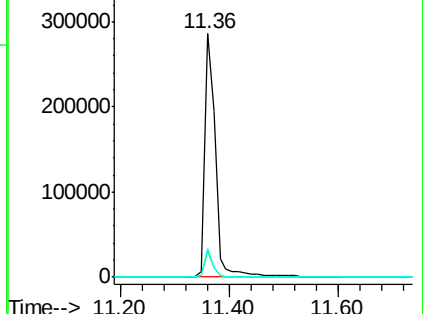
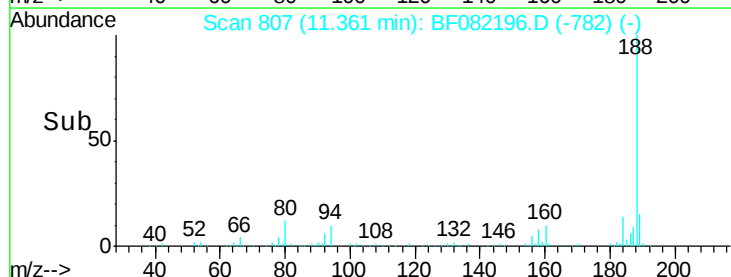
80 11.7 6.4 9.6#

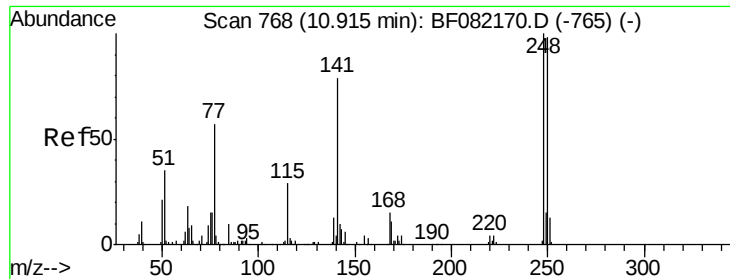


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

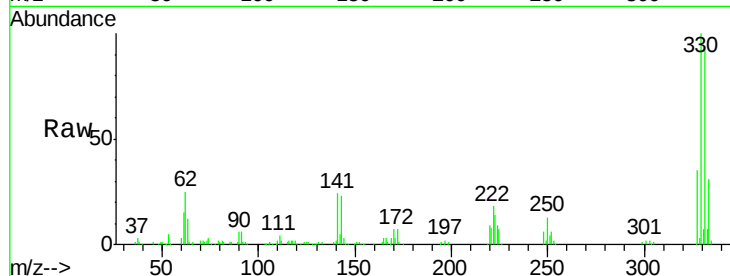




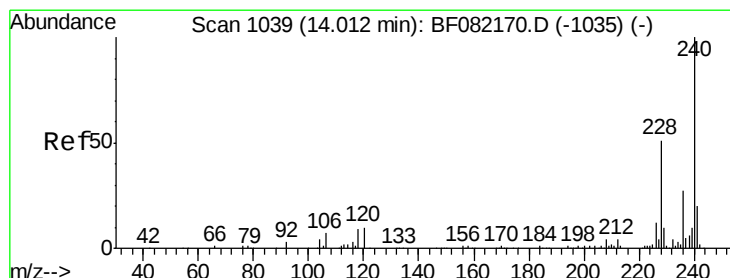
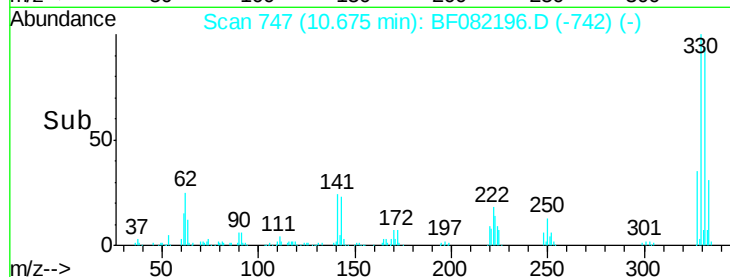
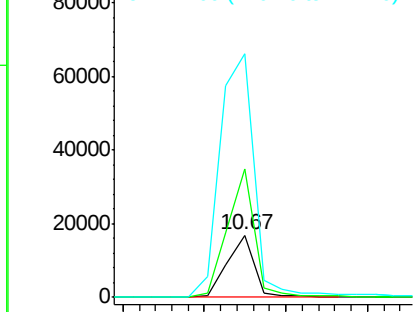
#66
 4-Bromophenyl-phenylether
 Concen: 5.03 ng
 RT: 10.67 min Scan# 747
 Delta R.T. -0.24 min
 Lab File: BF082196.D
 Acq: 11 Oct 2015 1:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	204.8	78.6	117.8#
141	390.0	63.3	94.9#

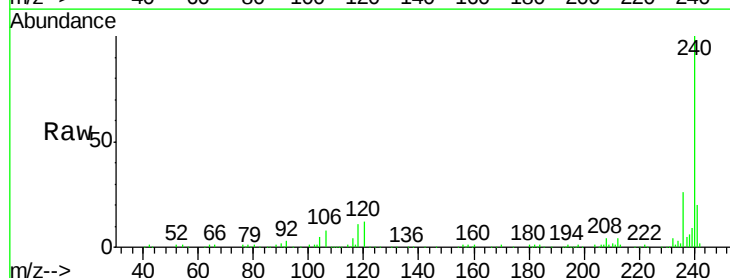


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

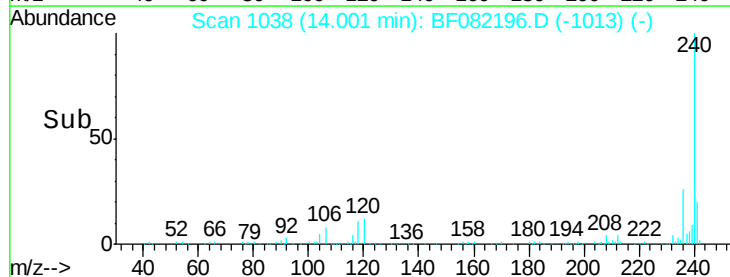
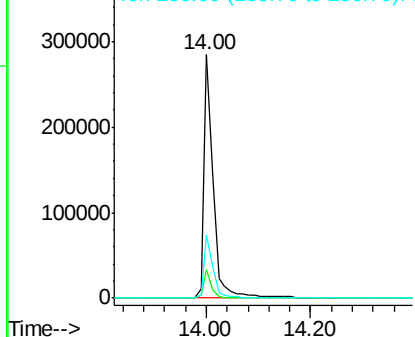


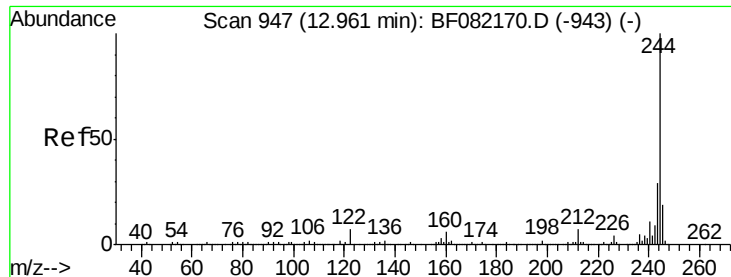
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF082196.D
 Acq: 11 Oct 2015 1:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.1	12.1
236	25.8	21.3	31.9



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



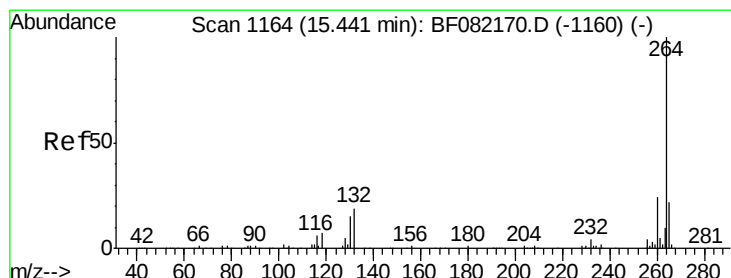
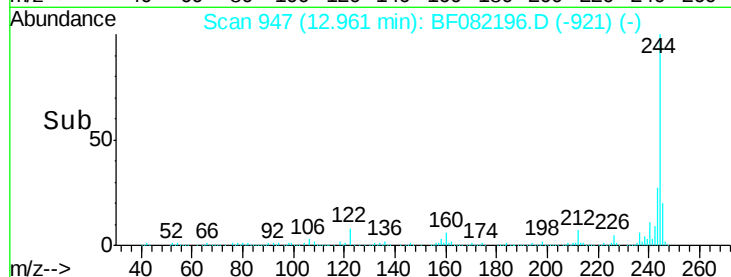
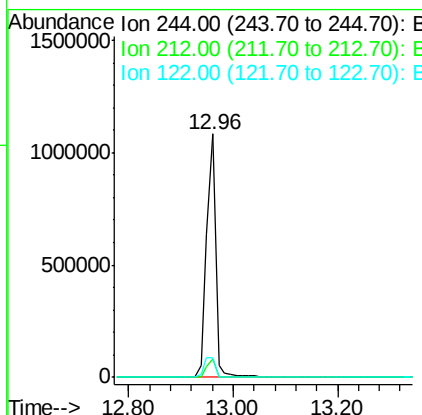
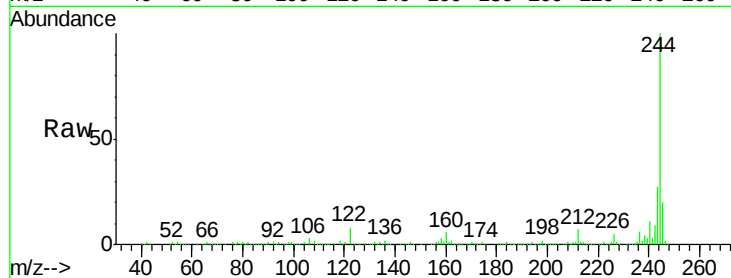


#78
 Terphenyl-d14
 Concen: 98.00 ng
 RT: 12.96 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF082196.D
 Acq: 11 Oct 2015 1:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1309667

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	8.0	5.9	8.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF082196.D
 Acq: 11 Oct 2015 1:12

Tgt Ion:264 Resp: 267947

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.3	17.3	25.9

