

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082195.D
 Acq On : 11 Oct 2015 00:42
 Operator : UM/IZ
 Sample : G3979-24
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 03:02:02 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

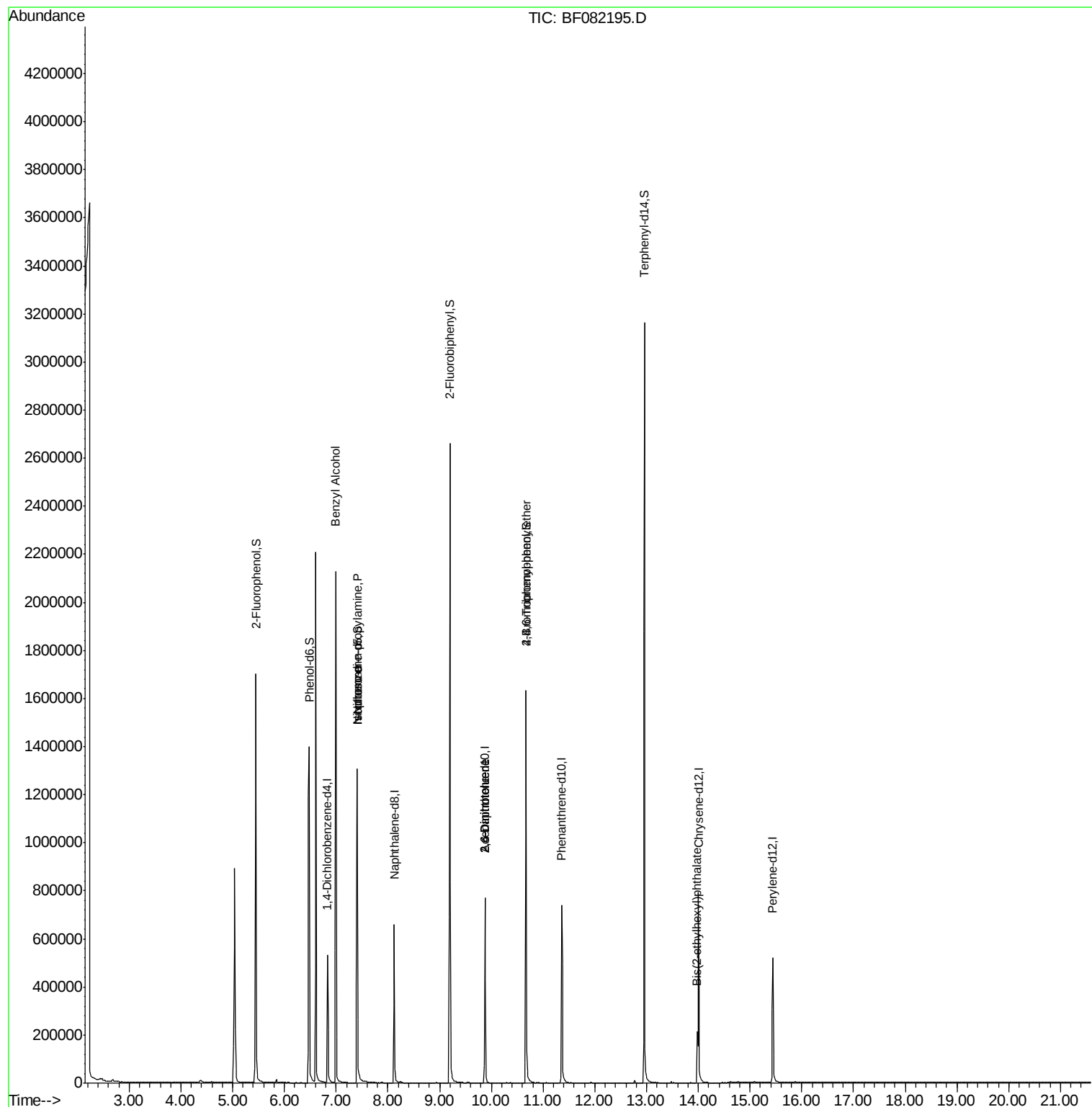
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	102303	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	405312	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	200657	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	412871	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	382285	20.00	ng	-0.01
86) Perylene-d12	15.44	264	288193	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	639475	126.16	ng	0.02
7) Phenol-d6	6.48	99	770950	116.87	ng	0.00
23) Nitrobenzene-d5	7.41	82	531618	88.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	282242	149.99	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1071436	88.55	ng	-0.01
78) Terphenyl-d14	12.96	244	1319706	91.48	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.99	79	9148	2.01	ng	# 46
19) n-Nitroso-di-n-propylamine	7.41	70	69390	14.98	ng	# 78
25) Isophorone	7.41	82	415794	34.13	ng	# 66
50) 2,6-Dinitrotoluene	9.87	165	24920	8.36	ng	# 32
56) 2,4-Dinitrotoluene	9.87	165	24915	6.69	ng	# 23
66) 4-Bromophenyl-phenylether	10.67	248	18672	4.52	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.98	149	75743	5.13	ng	# 96

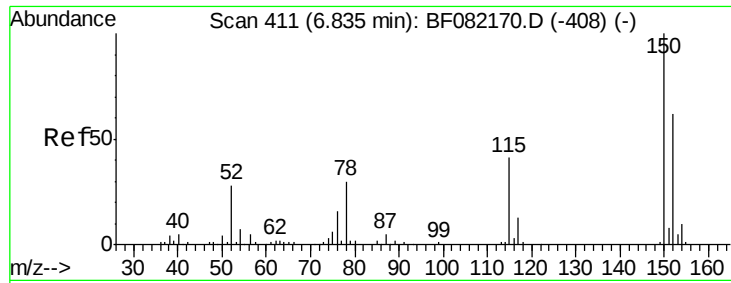
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
Data File : BF082195.D
Acq On : 11 Oct 2015 00:42
Operator : UM/IZ
Sample : G3979-24
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 12 03:02:02 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



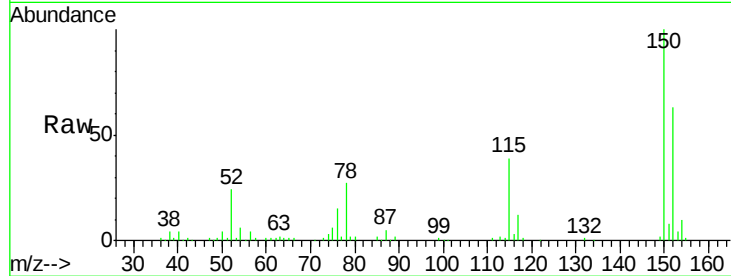


#1

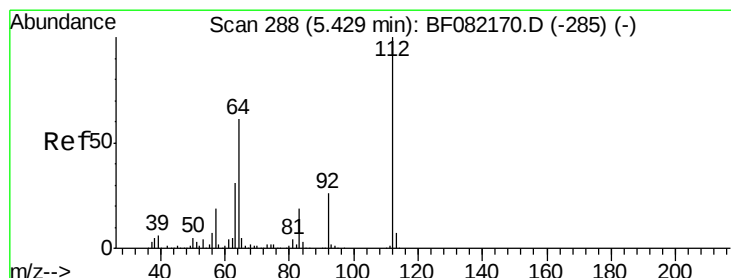
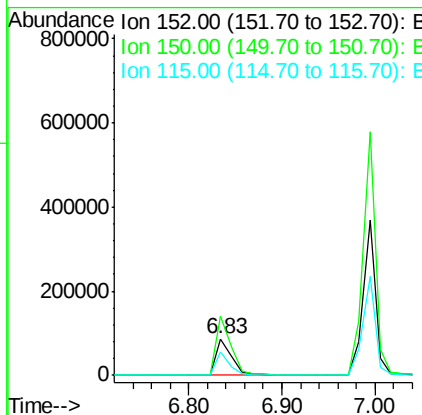
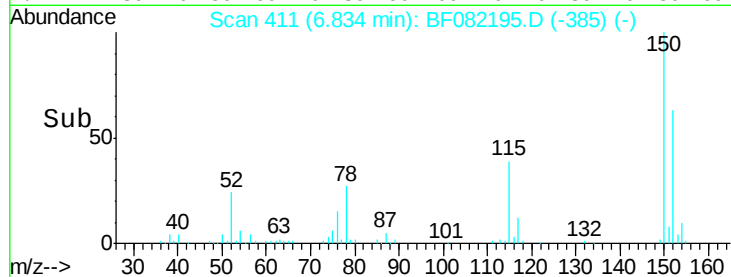
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF082195.D
Acq: 11 Oct 2015 00:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	129.0	193.4
115	62.8	52.1	78.1



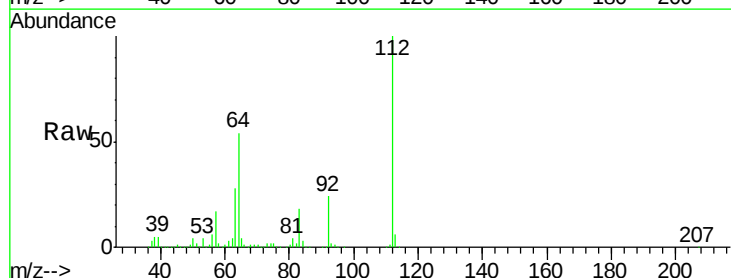
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



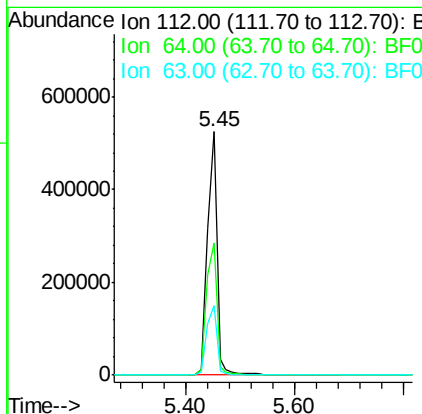
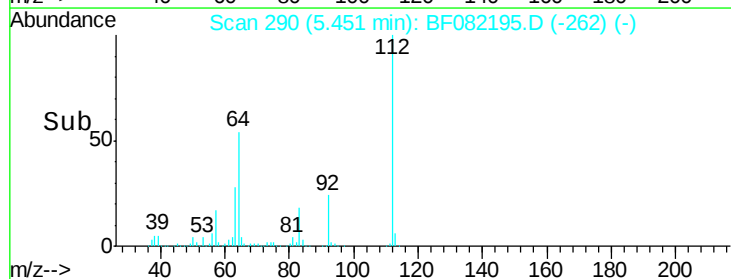
#5

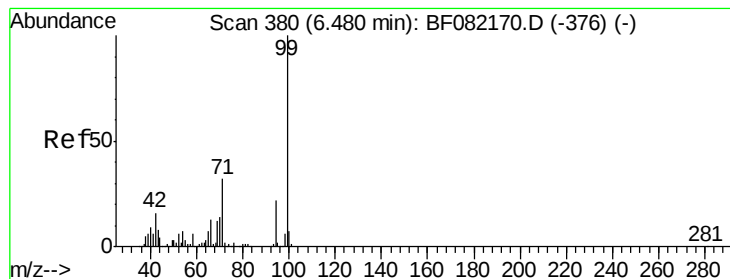
2-Fluorophenol
Concen: 126.16 ng
RT: 5.45 min Scan# 290
Delta R.T. 0.02 min
Lab File: BF082195.D
Acq: 11 Oct 2015 00:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	48.6	73.0
63	28.5	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: 116.87 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082195.D

Acq: 11 Oct 2015 00:42

Instrument :

BNA_F

ClientSampleId :

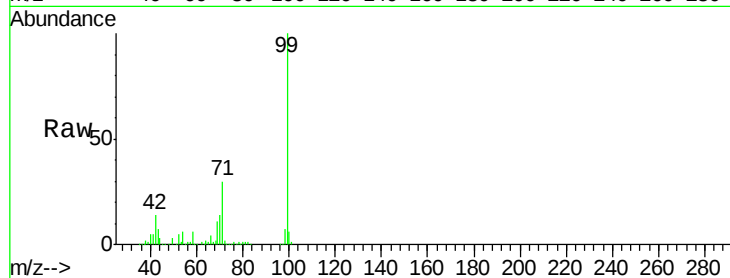
Tot Ion: 99 Resp: 770950

Ion Ratio Lower Upper

99 100

42 14.0 13.2 19.8

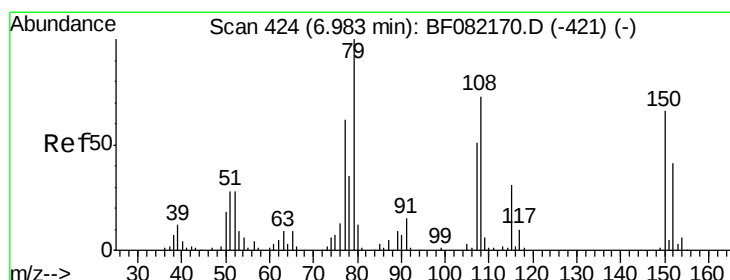
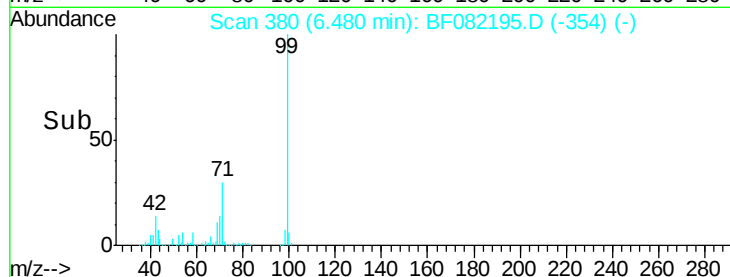
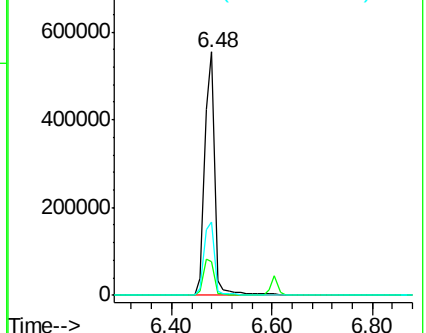
71 30.3 25.6 38.4



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: 2.01 ng

RT: 6.99 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF082195.D

Acq: 11 Oct 2015 00:42

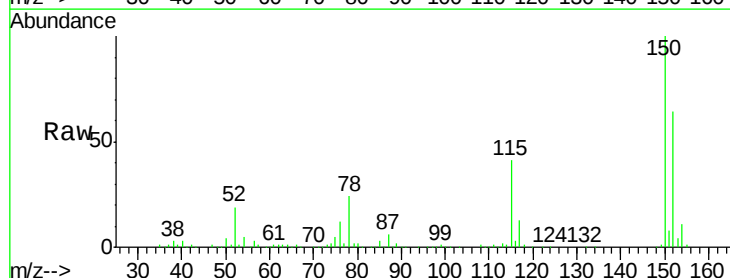
Tgt Ion: 79 Resp: 9148

Ion Ratio Lower Upper

79 100

108 31.7 58.4 87.6#

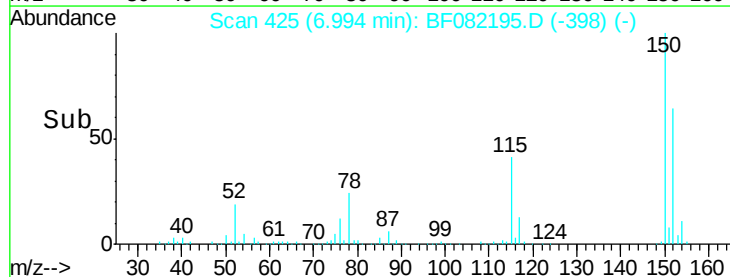
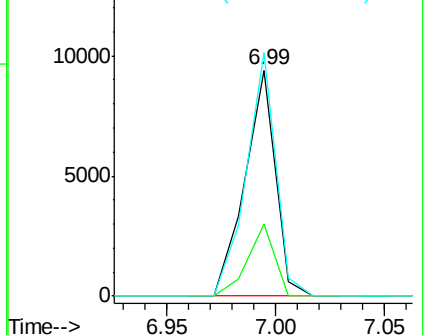
77 107.6 49.8 74.6#

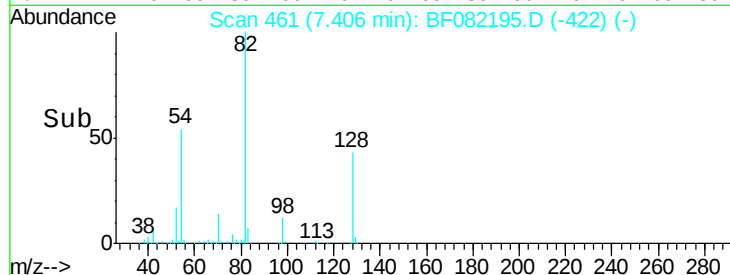
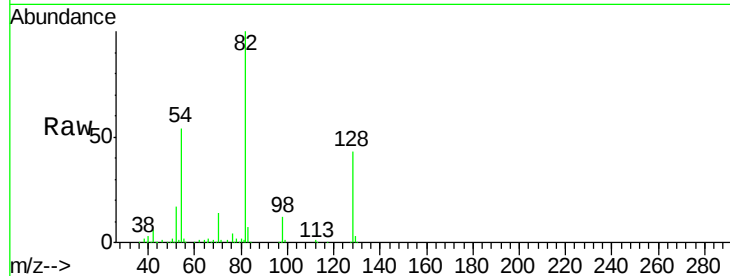


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

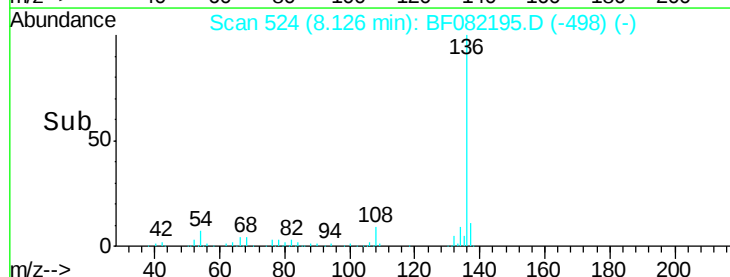
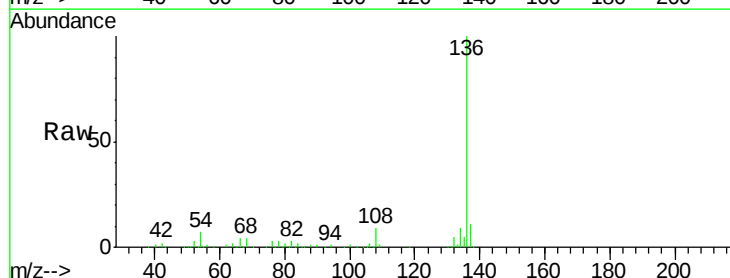
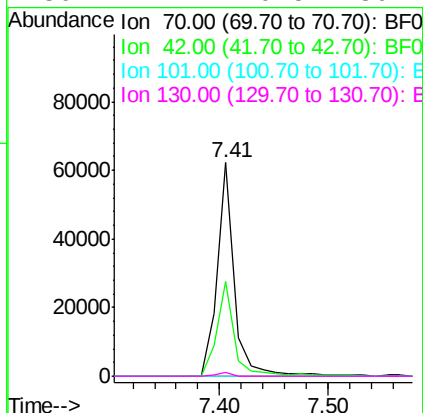




#19
n-Nitroso-di-n-propylamine
Concen: 14.98 ng
RT: 7.41 min Scan# 461
Delta R.T. 0.15 min
Lab File: BF082195.D
Acq: 11 Oct 2015 00:42

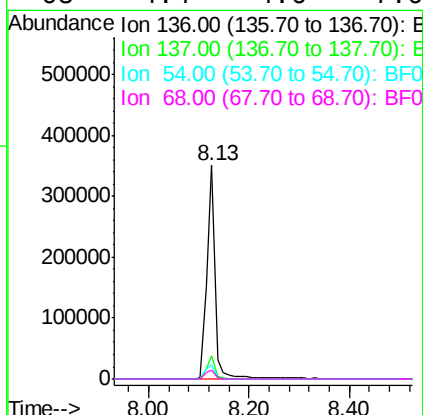
Instrument :
BNA_F
ClientSampled :

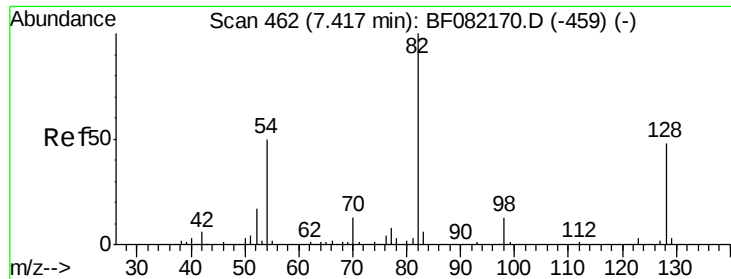
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.5	39.8	59.8
101	0.0	8.6	13.0#
130	2.1	20.5	30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082195.D
Acq: 11 Oct 2015 00:42

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	6.7	7.5	11.3#
68	4.4	4.6	7.0#

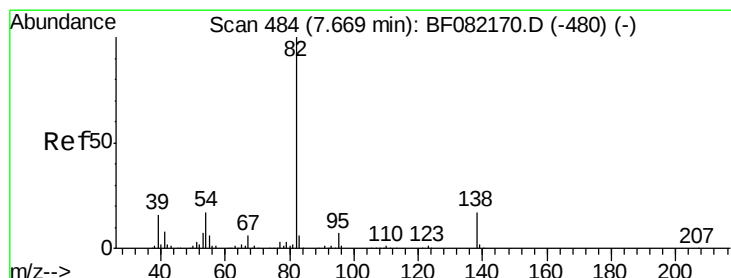
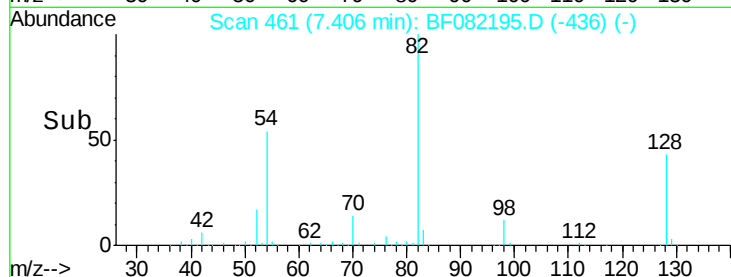
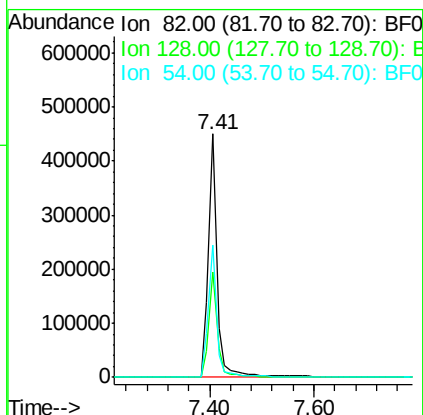
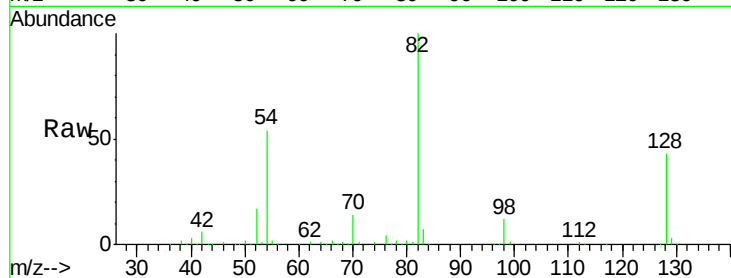




#23
 Nitrobenzene-d5
 Concen: 88.08 ng
 RT: 7.41 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF082195.D
 Acq: 11 Oct 2015 00:42

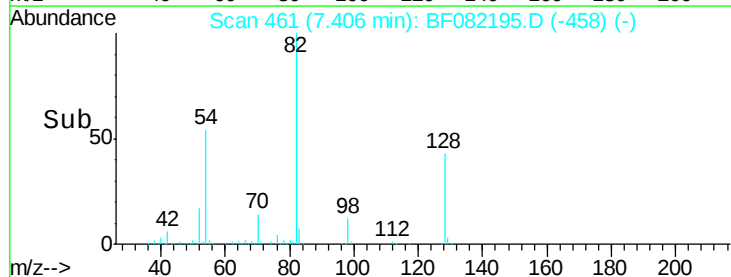
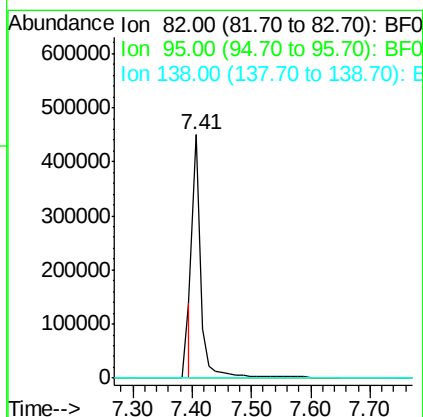
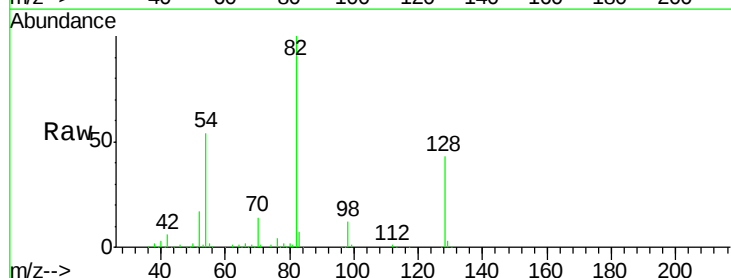
Instrument :
 BNA_F
 ClientSampled :

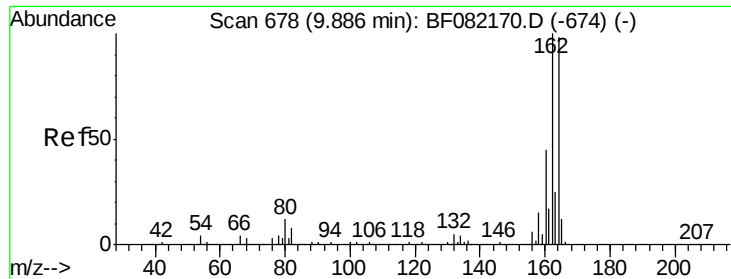
Tot Ion: 82 Resp: 531618
 Ion Ratio Lower Upper
 82 100
 128 43.1 38.7 58.1
 54 54.1 40.1 60.1



#25
 Isophorone
 Concen: 34.13 ng
 RT: 7.41 min Scan# 461
 Delta R.T. -0.26 min
 Lab File: BF082195.D
 Acq: 11 Oct 2015 00:42

Tgt Ion: 82 Resp: 415794
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 13.6 20.4#

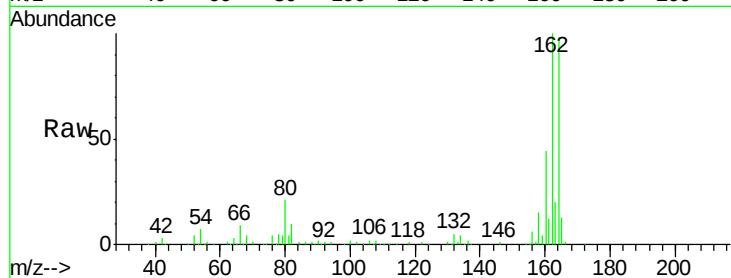




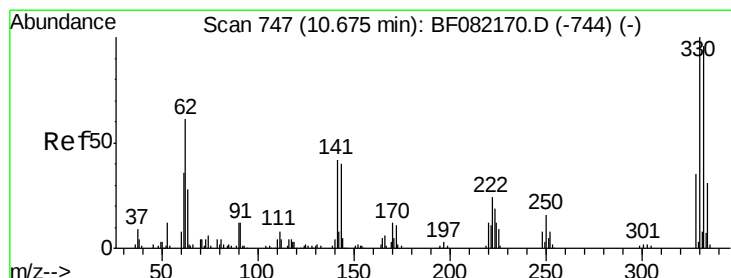
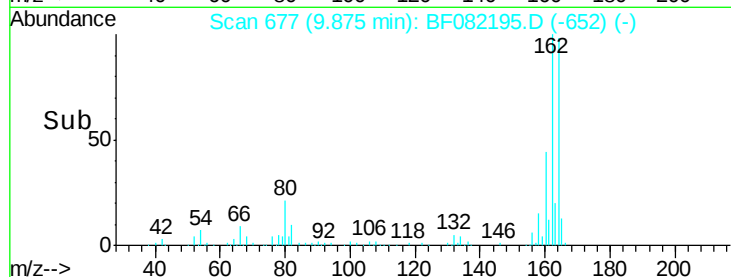
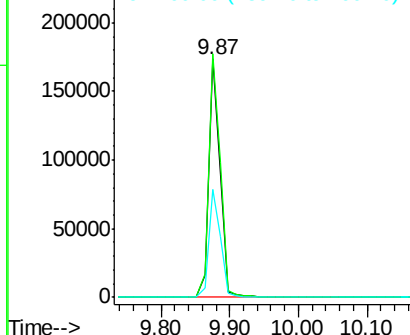
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF082195.D
Acq: 11 Oct 2015 00:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 200657
Ion Ratio Lower Upper
164 100
162 102.1 81.6 122.4
160 45.4 36.4 54.6

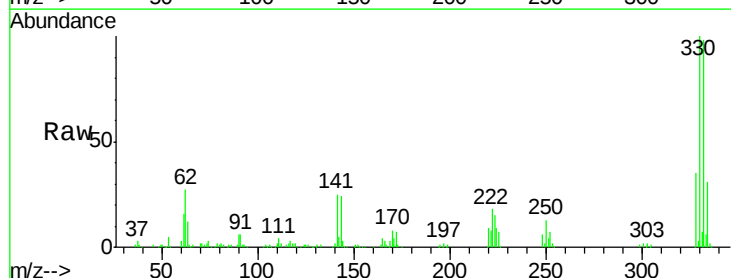


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

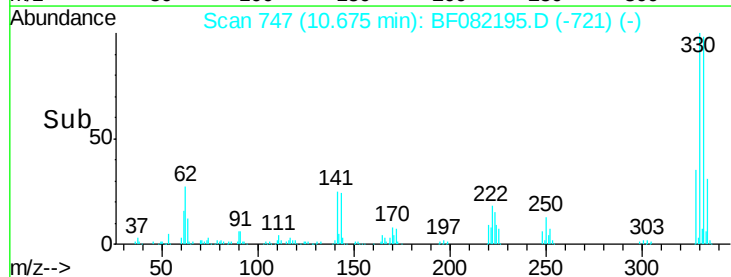
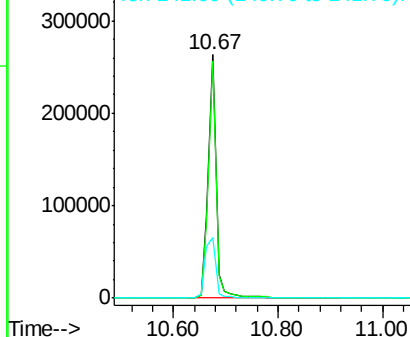


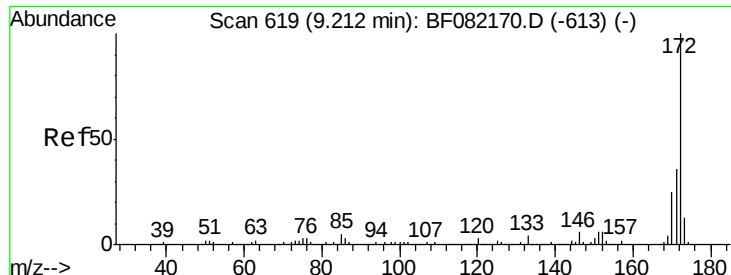
#41
2,4,6-Tribromophenol
Concen: 149.99 ng
RT: 10.67 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF082195.D
Acq: 11 Oct 2015 00:42

Tgt Ion:330 Resp: 282242
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 33.6 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

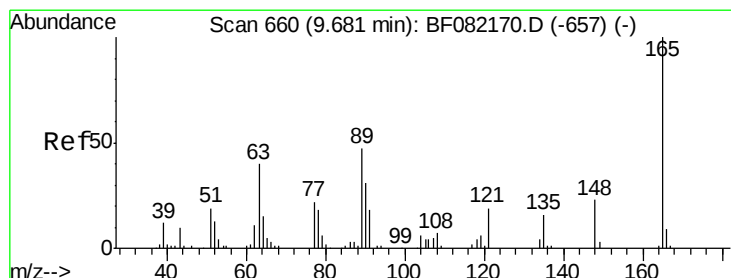
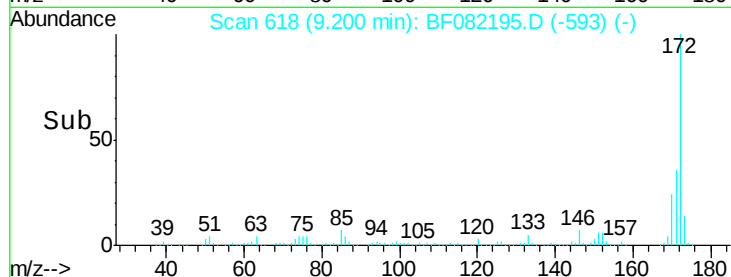
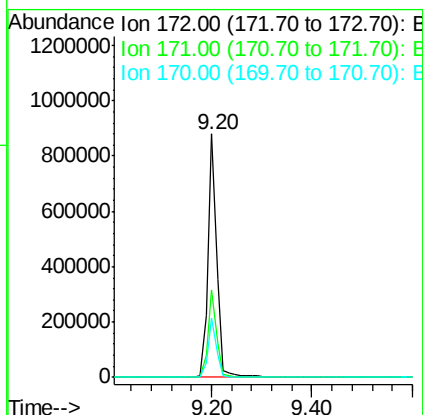
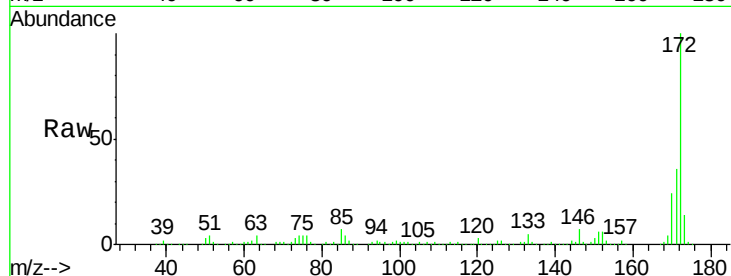




#44
 2-Fluorobiphenyl
 Concen: 88.55 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082195.D
 Acq: 11 Oct 2015 00:42

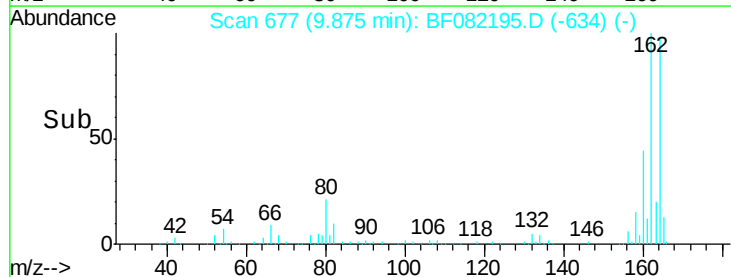
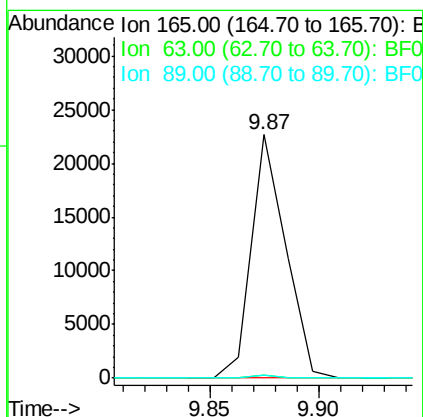
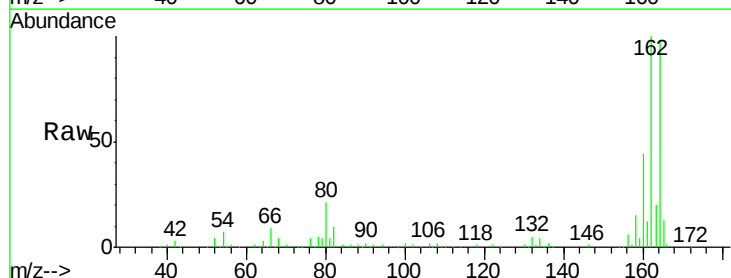
Instrument :
 BNA_F
 ClientSampled :

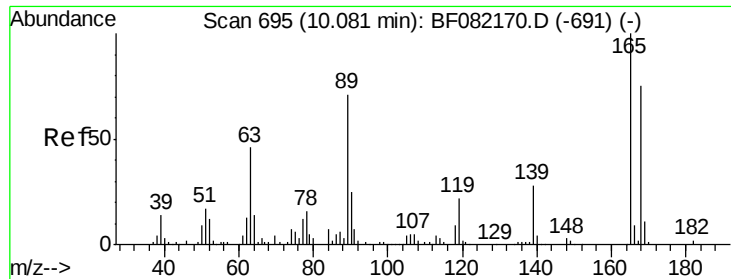
Tot Ion:172 Resp: 1071436
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 42.8
 170 24.3 19.7 29.5



#50
 2,6-Dinitrotoluene
 Concen: 8.36 ng
 RT: 9.87 min Scan# 677
 Delta R.T. 0.19 min
 Lab File: BF082195.D
 Acq: 11 Oct 2015 00:42

Tgt Ion:165 Resp: 24920
 Ion Ratio Lower Upper
 165 100
 63 1.4 36.7 55.1#
 89 1.3 37.8 56.6#

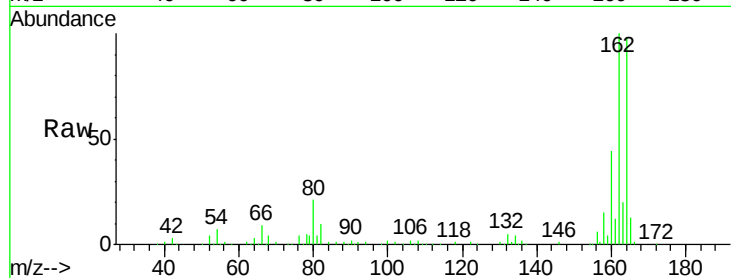




#56
2,4-Dinitrotoluene
Concen: 6.69 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.21 min
Lab File: BF082195.D
Acq: 11 Oct 2015 00:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	38.6	58.0#
89	1.3	57.0	85.6#
182	0.0	1.8	2.6#

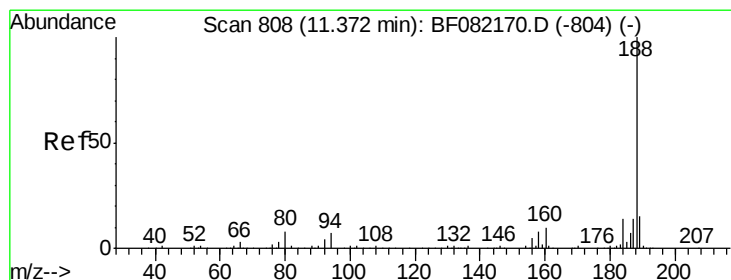
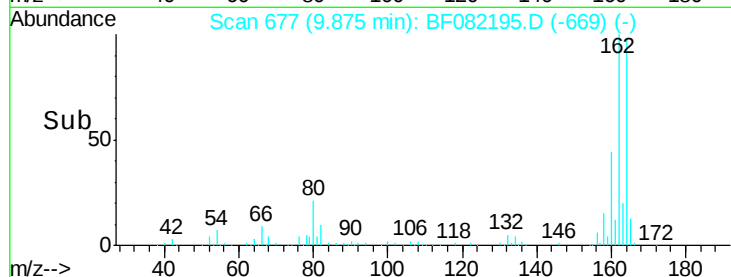
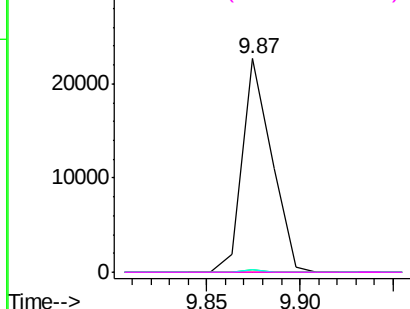


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

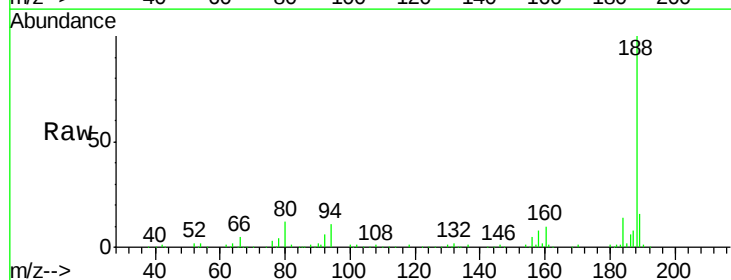
Ion 89.00 (88.70 to 89.70): BF0

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: BF082195.D
Acq: 11 Oct 2015 00:42

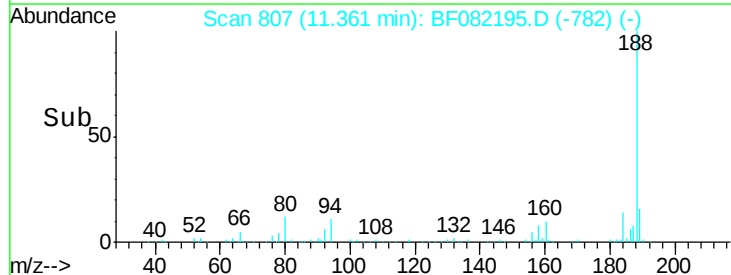
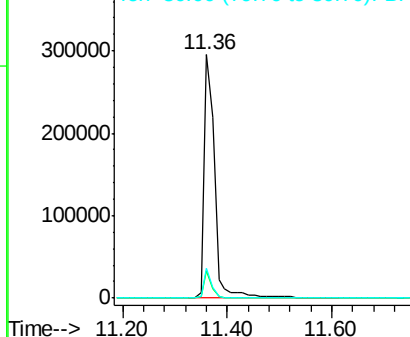
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	5.8	8.6#
80	12.2	6.4	9.6#

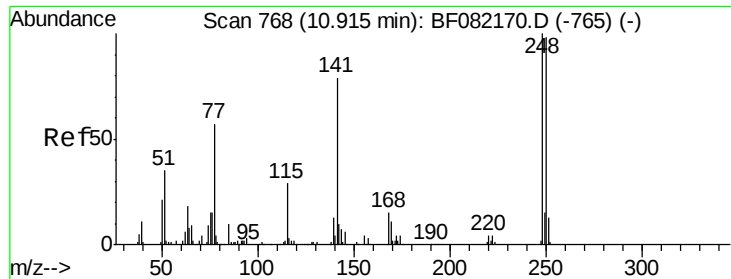


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.52 ng

RT: 10.67 min Scan# 747

Delta R.T. -0.24 min

Lab File: BF082195.D

Acq: 11 Oct 2015 00:42

Instrument :

BNA_F

ClientSampleId :

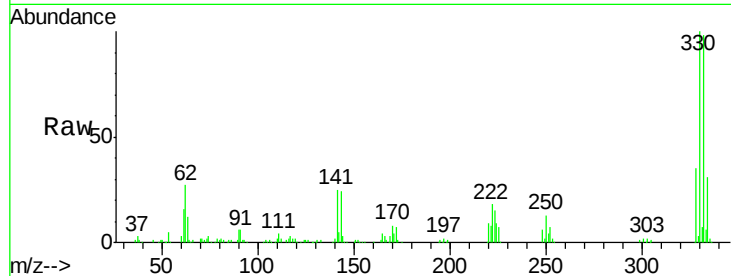
Tot Ion:248 Resp: 18672

Ion Ratio Lower Upper

248 100

250 196.6 78.6 117.8#

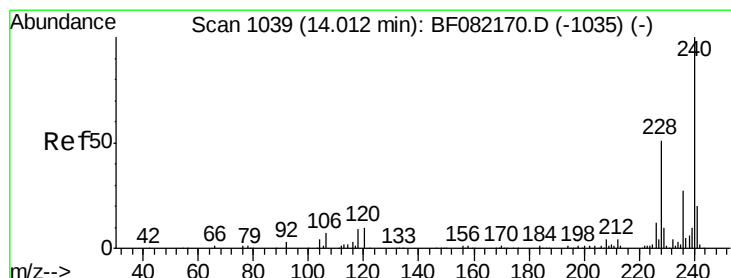
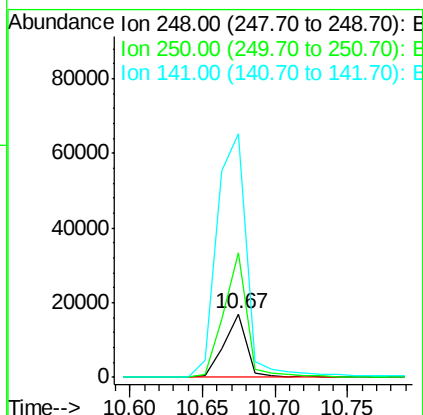
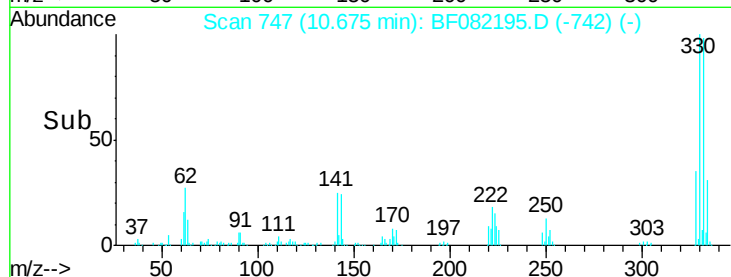
141 383.3 63.3 94.9#



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: BF082195.D

Acq: 11 Oct 2015 00:42

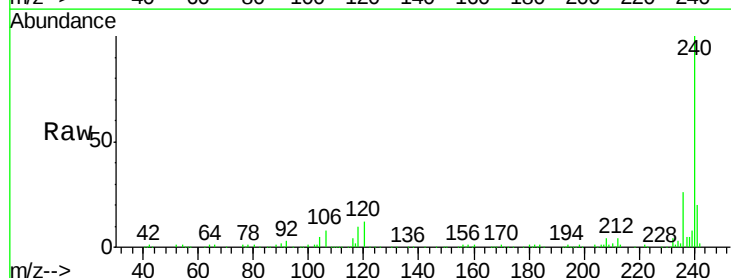
Tgt Ion:240 Resp: 382285

Ion Ratio Lower Upper

240 100

120 12.1 8.1 12.1

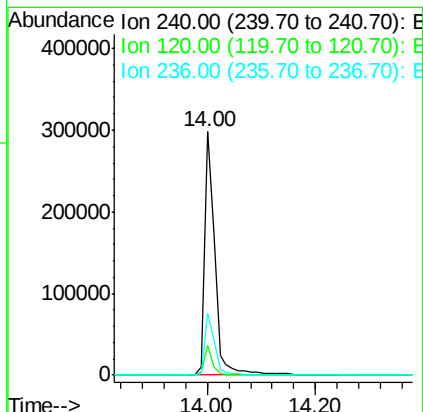
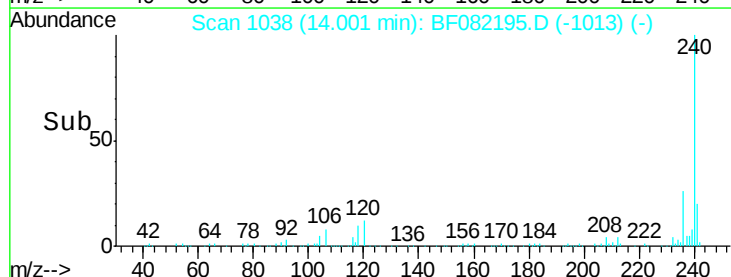
236 25.5 21.3 31.9

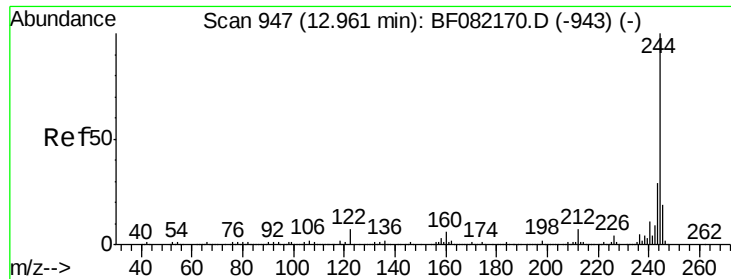


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

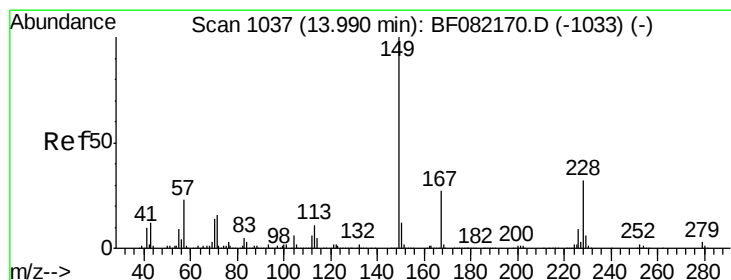
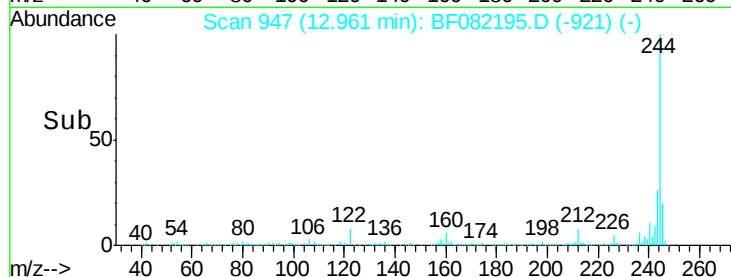
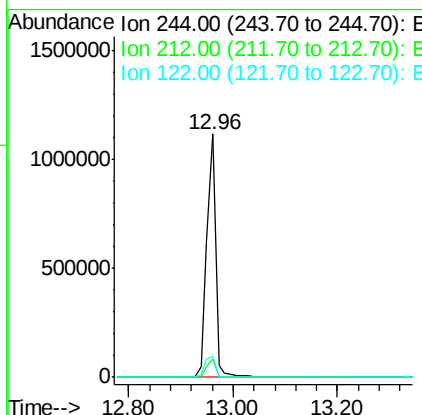
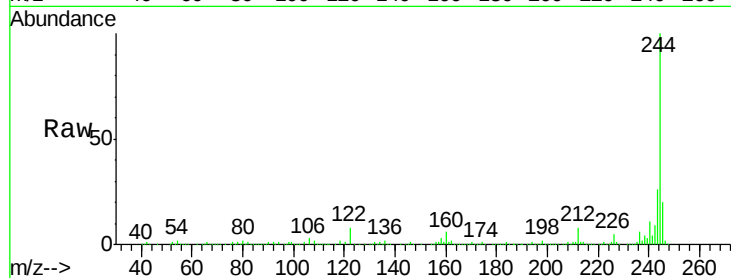




#78
 Terphenyl-d14
 Concen: 91.48 ng
 RT: 12.96 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF082195.D
 Acq: 11 Oct 2015 00:42

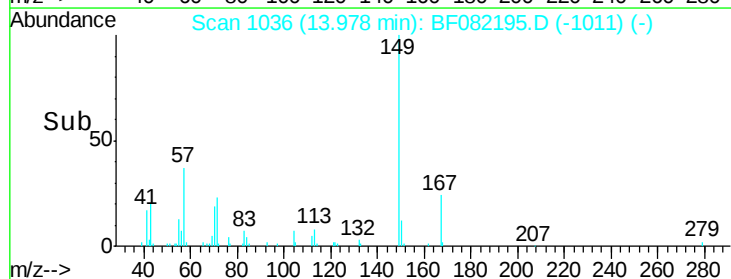
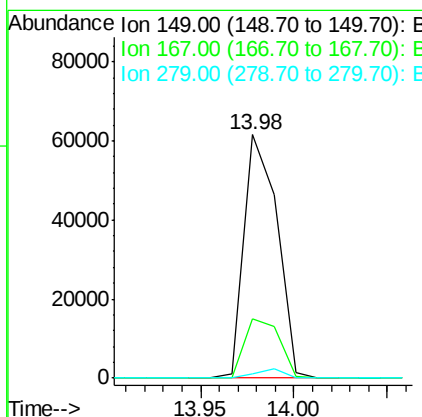
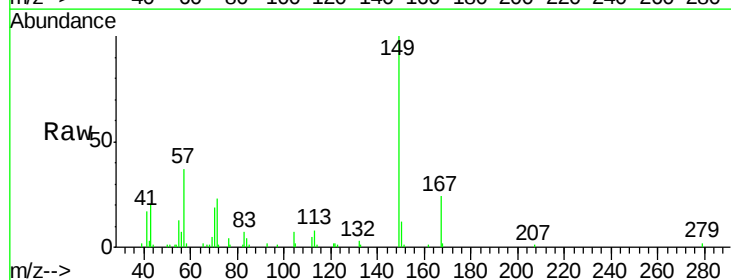
Instrument :
 BNA_F
 ClientSampled :

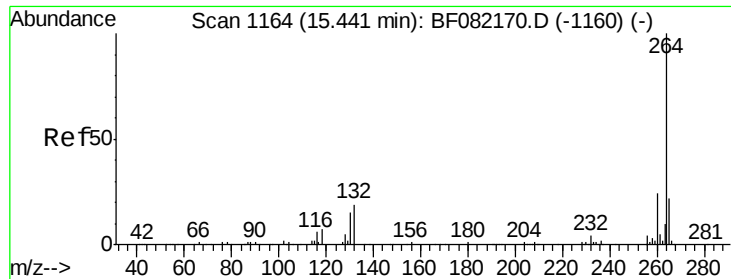
Tot Ion:244 Resp: 1319706
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 8.5 5.9 8.9



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.13 ng
 RT: 13.98 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF082195.D
 Acq: 11 Oct 2015 00:42

Tgt Ion:149 Resp: 75743
 Ion Ratio Lower Upper
 149 100
 167 24.4 21.3 31.9
 279 1.9 2.6 4.0#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF082195.D
 Acq: 11 Oct 2015 00:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.6
265	21.3	17.3	25.9

