

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111815\
 Data File : BF083015.D
 Acq On : 18 Nov 2015 17:33
 Operator : UM/IZ
 Sample : PB86700BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 19 01:46:48 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 18 13:32:32 2015
 Response via : Initial Calibration

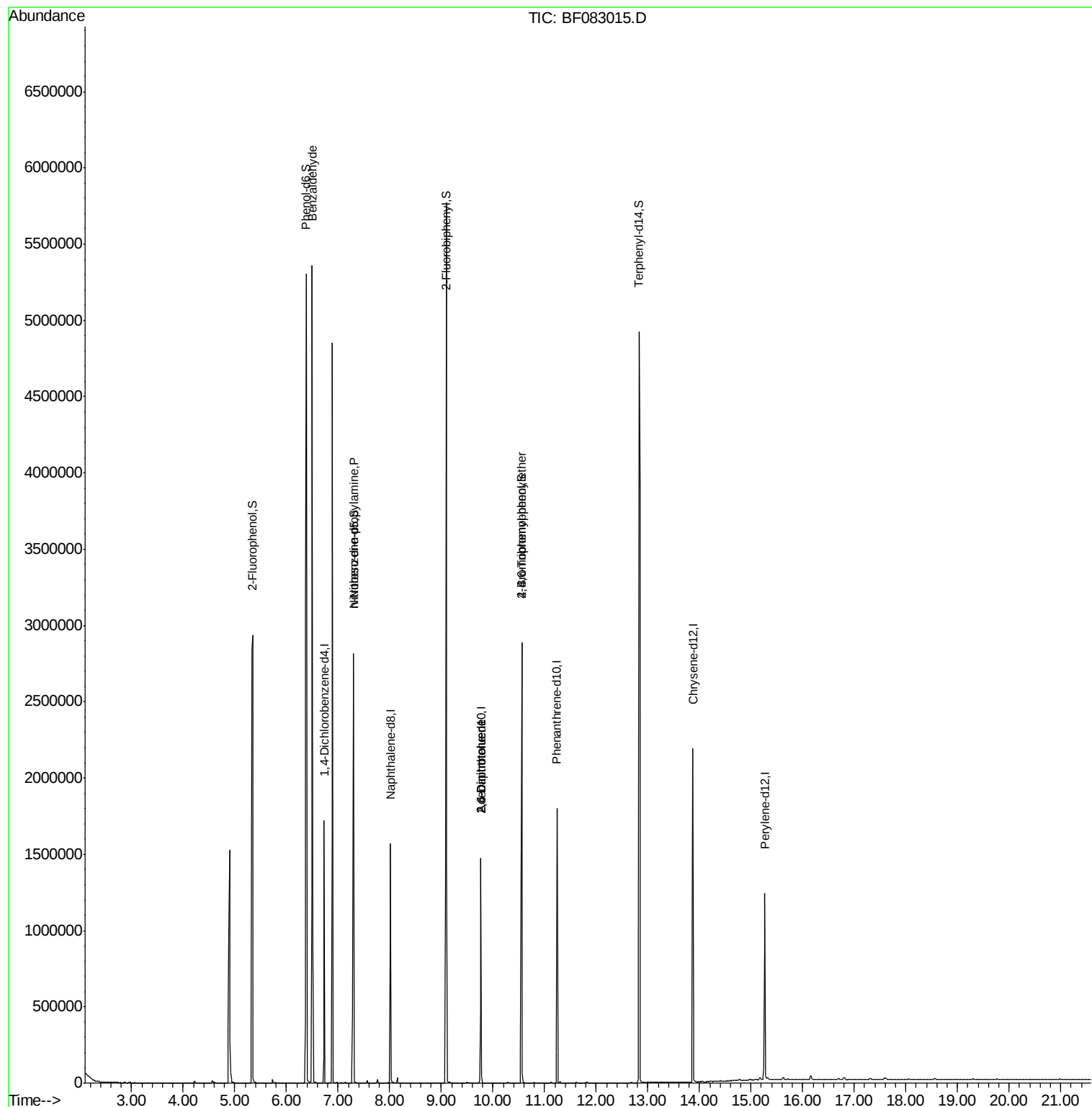
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	232733	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	887202	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	310127	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	608886	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	737562	20.00	ng	-0.02
86) Perylene-d12	15.27	264	609684	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1213180	81.11	ng	0.01
7) Phenol-d6	6.38	99	2215748	111.43	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1440344	70.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	374760	105.39	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1991662	92.04	ng	-0.01
78) Terphenyl-d14	12.83	244	2253086	72.45	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.50	77	34748	3.16	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.30	70	187631	12.84	ng	# 63
50) 2,6-Dinitrotoluene	9.77	165	39395	7.27	ng	# 17
56) 2,4-Dinitrotoluene	9.77	165	39395	5.36	ng	# 15
66) 4-Bromophenyl-phenylether	10.56	248	28022	3.82	ng	# 1

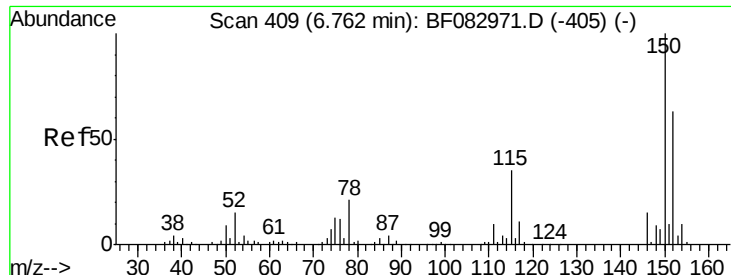
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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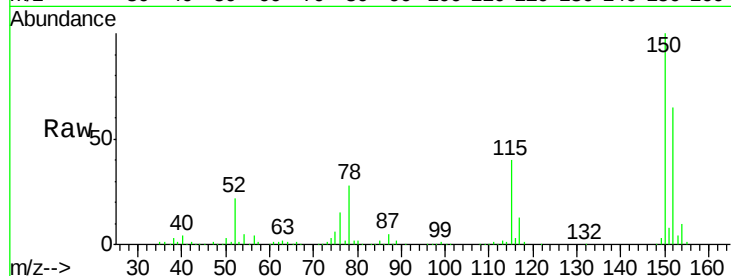


#1

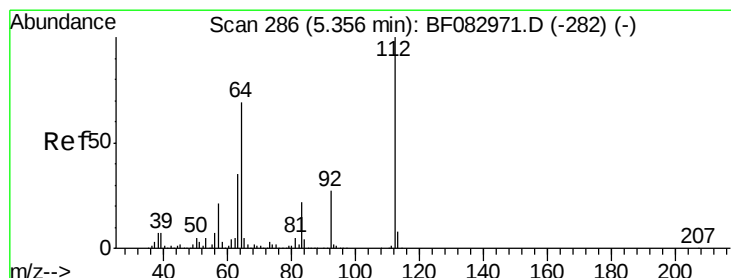
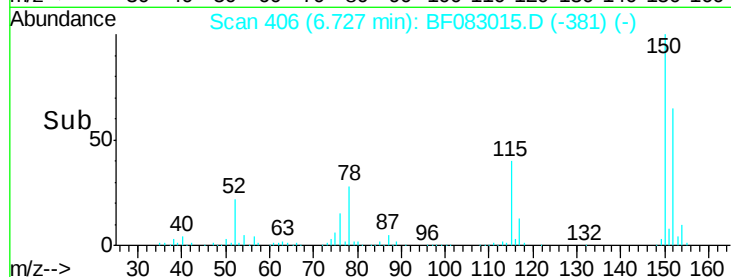
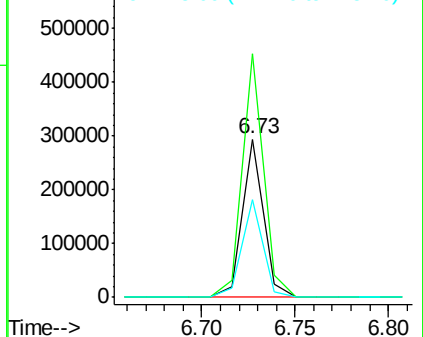
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF083015.D
Acq: 18 Nov 2015 17:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 232733
Ion Ratio Lower Upper
152 100
150 153.9 127.0 190.4
115 61.7 47.0 70.6



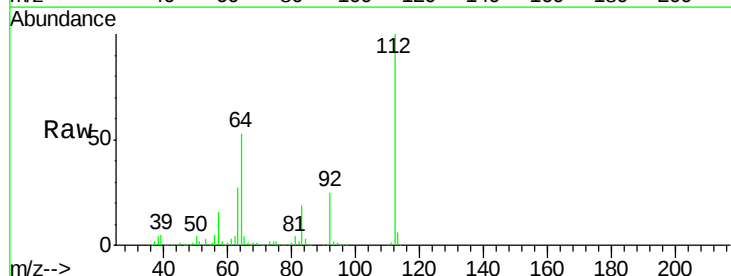
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



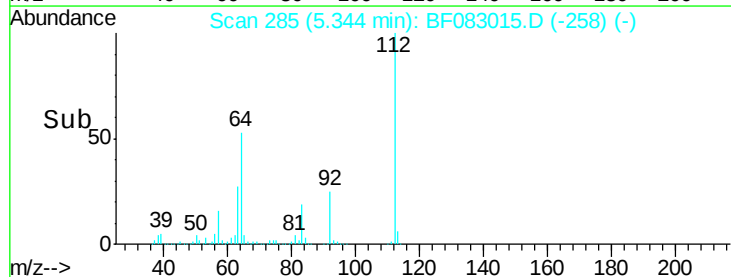
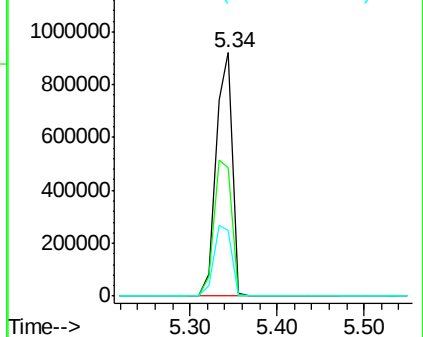
#5

2-Fluorophenol
Concen: 81.11 ng
RT: 5.34 min Scan# 285
Delta R.T. 0.01 min
Lab File: BF083015.D
Acq: 18 Nov 2015 17:33

Tgt Ion:112 Resp: 1213180
Ion Ratio Lower Upper
112 100
64 52.8 48.9 73.3
63 26.7 28.1 42.1#



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: 111.43 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF083015.D

Acq: 18 Nov 2015 17:33

Instrument :

BNA_F

ClientSampled :

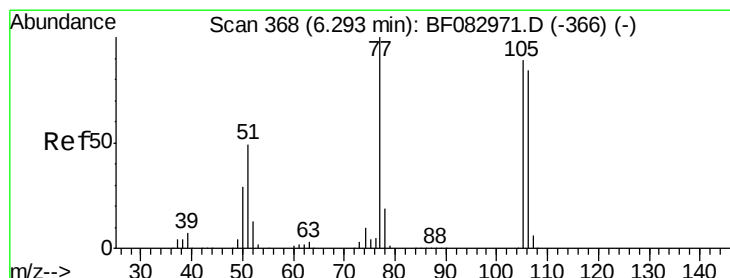
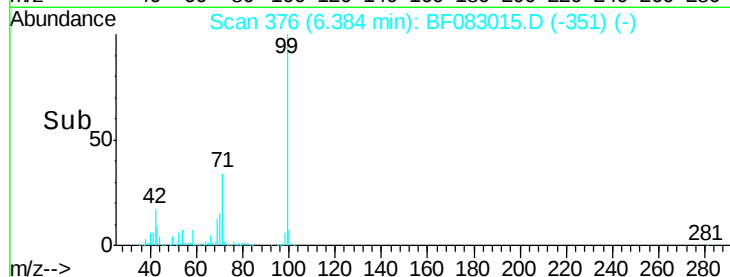
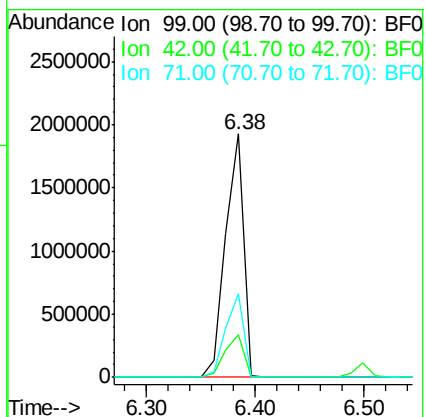
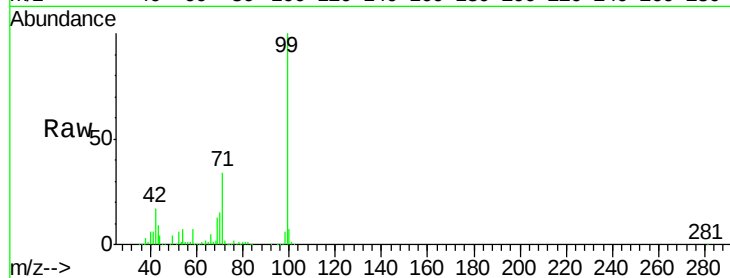
Tot Ion: 99 Resp: 2215748

Ion Ratio Lower Upper

99 100

42 17.3 19.2 28.8#

71 34.2 35.0 52.4#



#9

Benzaldehyde

Concen: 3.16 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.23 min

Lab File: BF083015.D

Acq: 18 Nov 2015 17:33

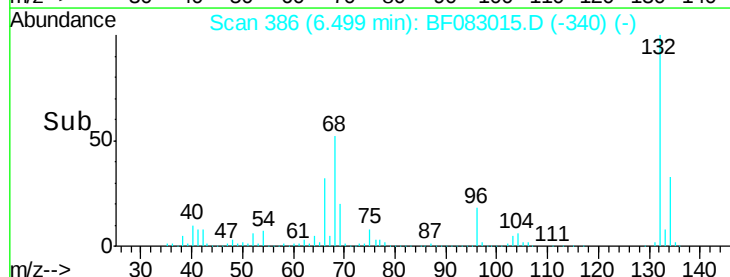
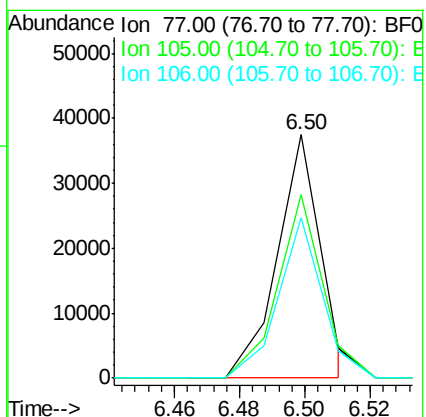
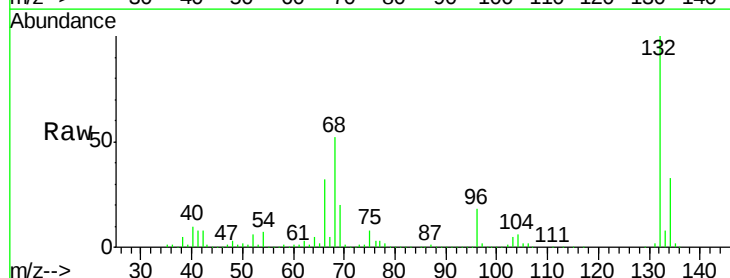
Tgt Ion: 77 Resp: 34748

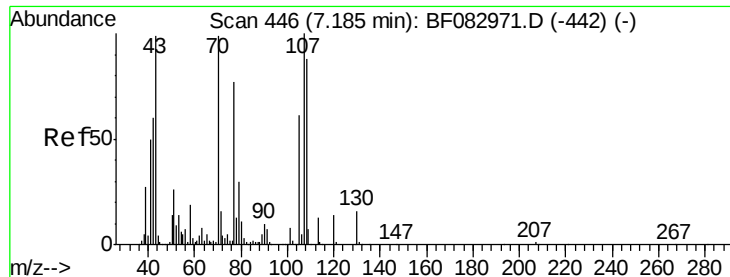
Ion Ratio Lower Upper

77 100

105 75.5 63.5 103.5

106 65.8 59.3 99.3

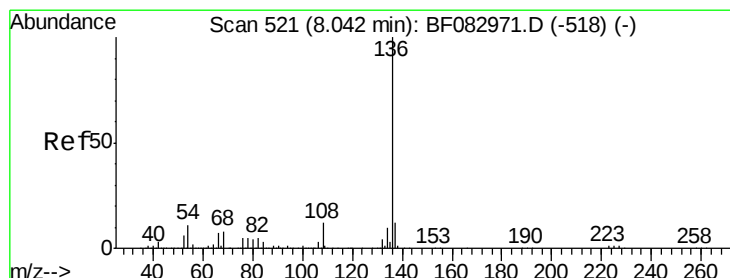
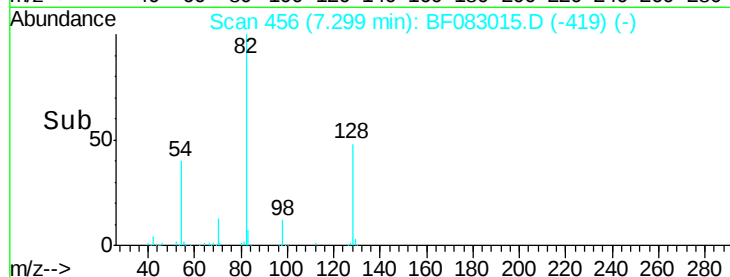
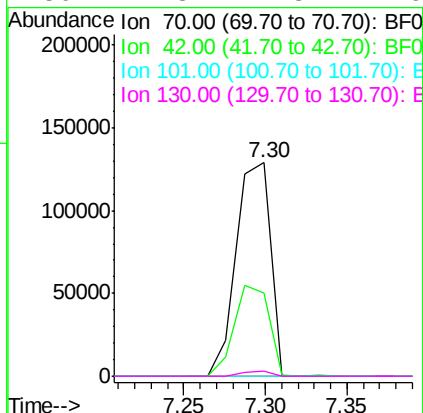
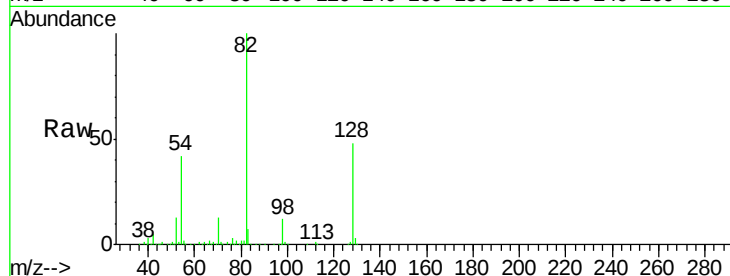




#19
n-Nitroso-di-n-propylamine
Concen: 12.84 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.13 min
Lab File: BF083015.D
Acq: 18 Nov 2015 17:33

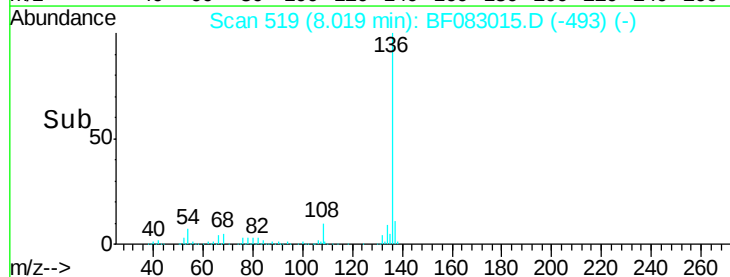
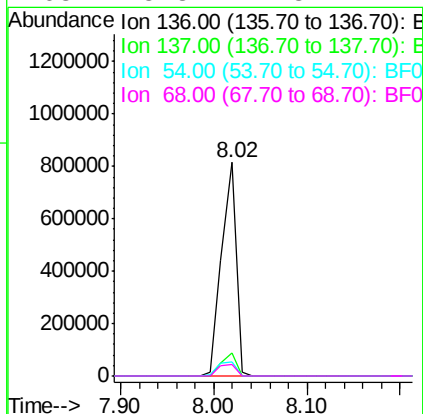
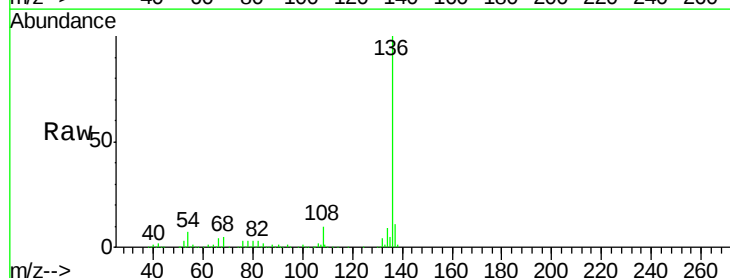
Instrument :
BNA_F
ClientSampleId :

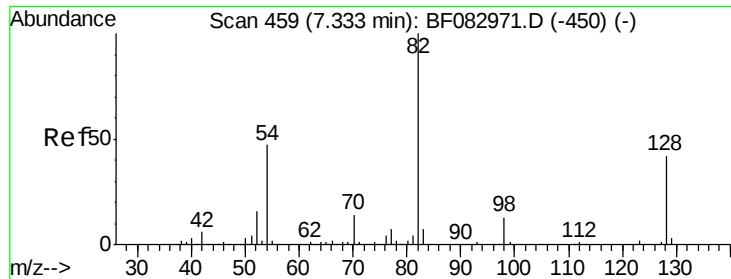
Tot Ion:	70	Resp:	187631
Ion	Ratio	Lower	Upper
70	100		
42	38.9	57.7	86.5#
101	0.0	7.0	10.6#
130	2.3	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF083015.D
Acq: 18 Nov 2015 17:33

Tgt Ion:	136	Resp:	887202
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.6	9.1	13.7#
68	5.3	4.8	7.2

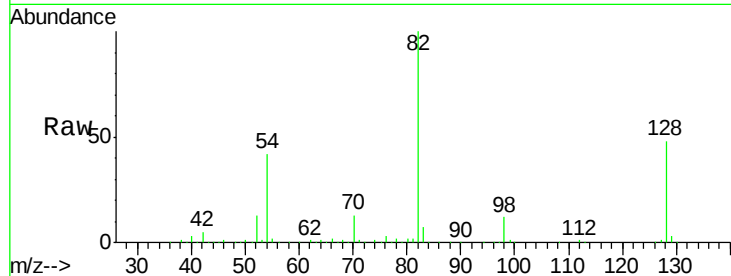




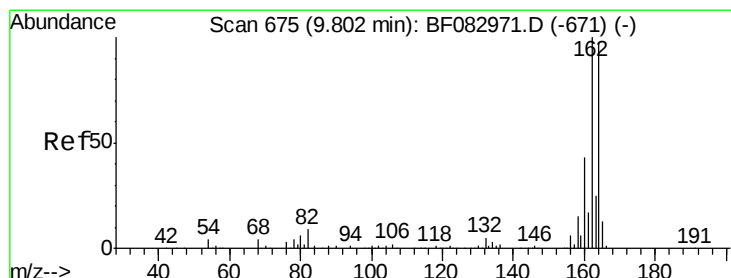
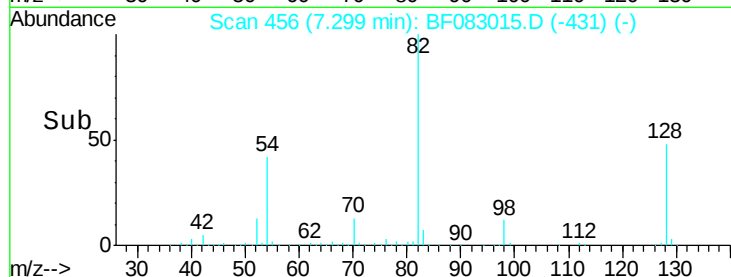
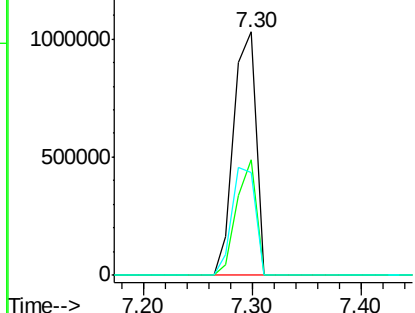
#23
Nitrobenzene-d5
Concen: 70.64 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF083015.D
Acq: 18 Nov 2015 17:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1440344
Ion Ratio Lower Upper
82 100
128 47.5 26.8 40.2#
54 42.2 45.7 68.5#

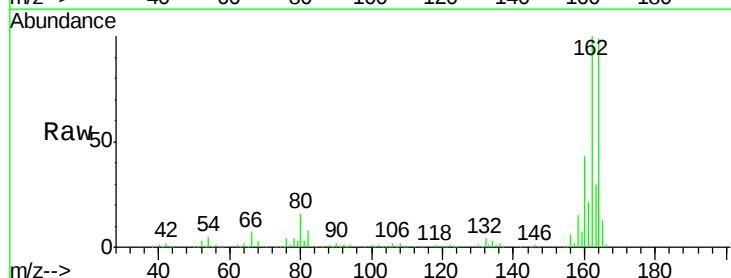


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

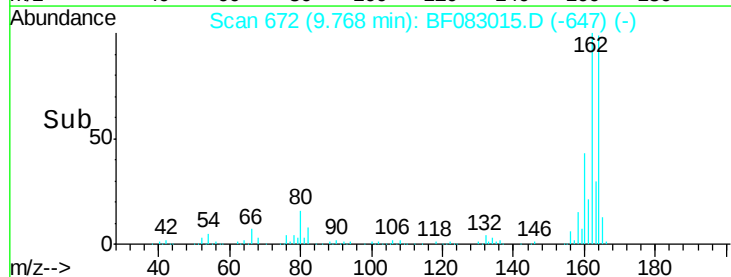
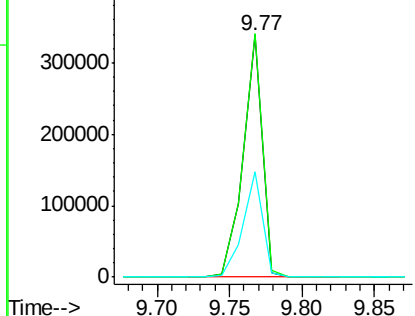


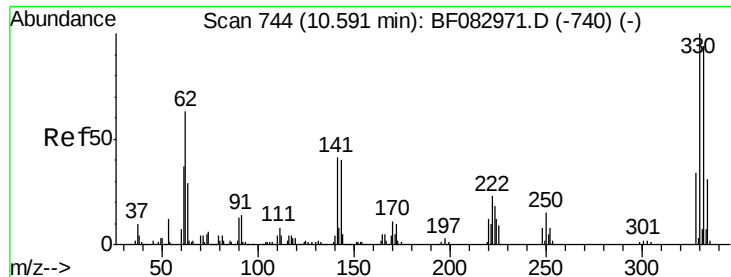
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF083015.D
Acq: 18 Nov 2015 17:33

Tgt Ion:164 Resp: 310127
Ion Ratio Lower Upper
164 100
162 100.7 84.9 127.3
160 43.7 37.5 56.3



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

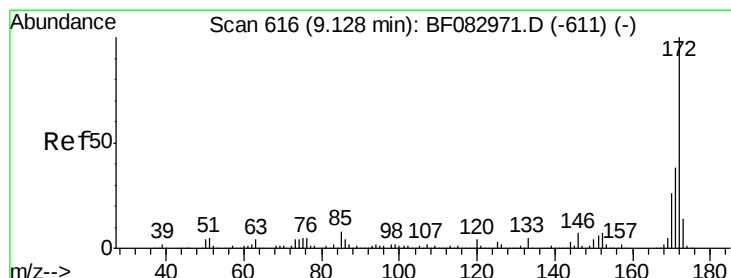
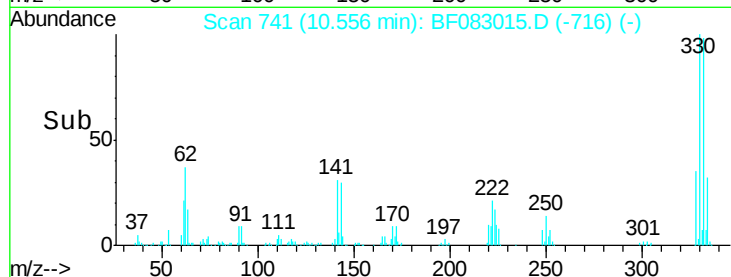
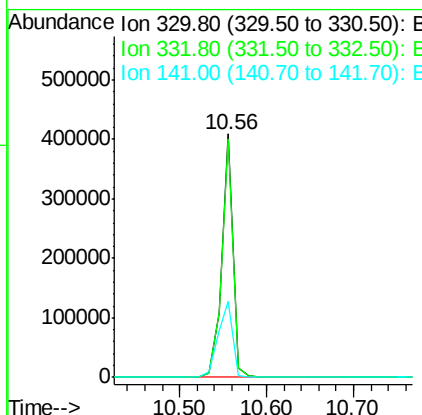
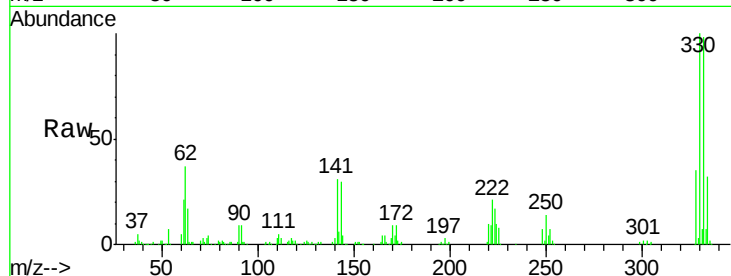




#41
 2,4,6-Tribromophenol
 Concen: 105.39 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF083015.D
 Acq: 18 Nov 2015 17:33

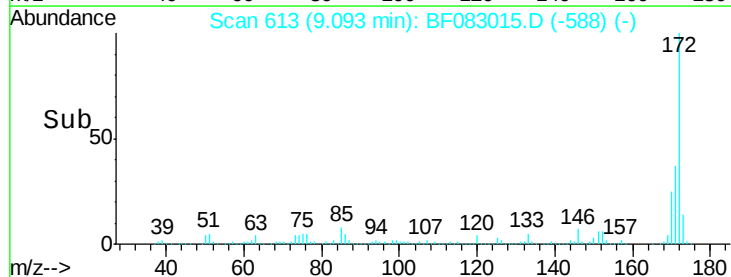
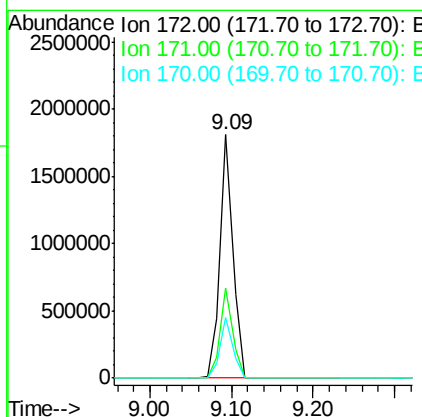
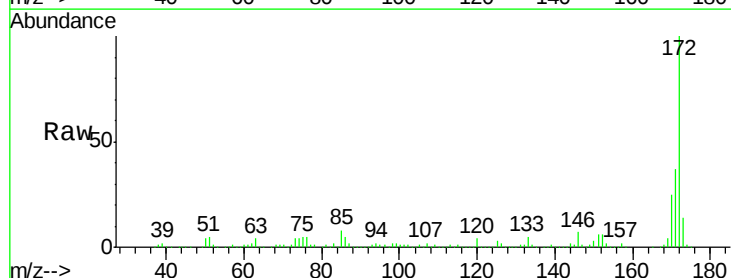
Instrument :
 BNA_F
 ClientSampleId :

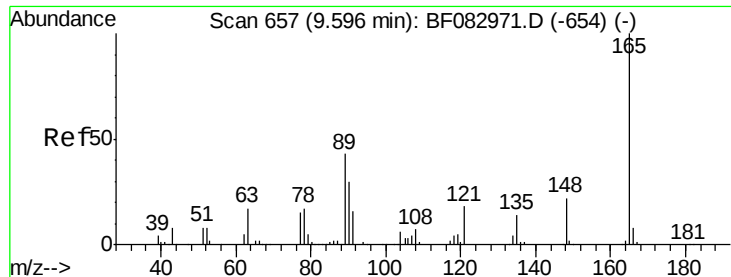
Tot Ion:330 Resp: 374760
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.6 114.8
 141 39.8 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 92.04 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF083015.D
 Acq: 18 Nov 2015 17:33

Tgt Ion:172 Resp: 1991662
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.8 46.2
 170 24.9 21.2 31.8

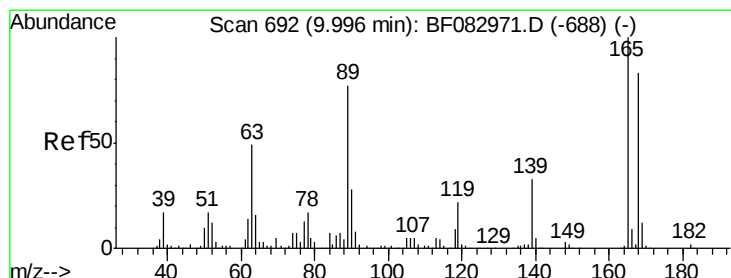
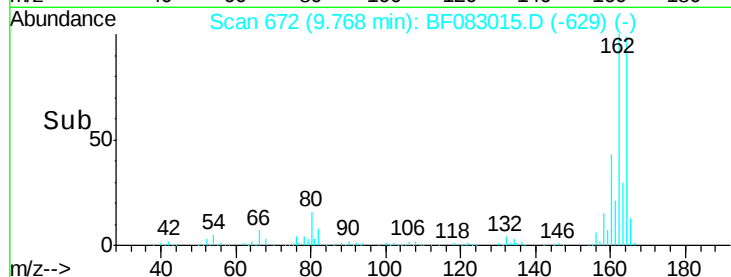
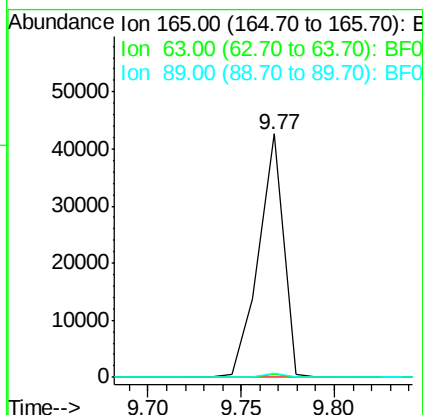
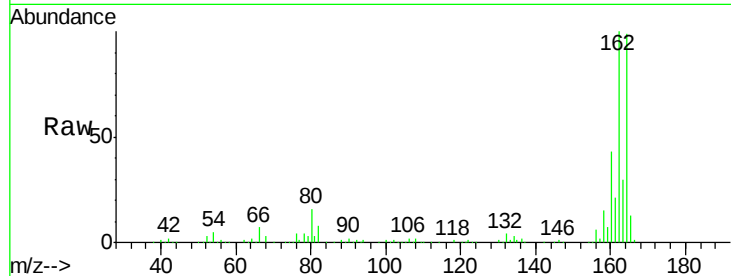




#50
 2,6-Dinitrotoluene
 Concen: 7.27 ng
 RT: 9.77 min Scan# 672
 Delta R.T. 0.19 min
 Lab File: BF083015.D
 Acq: 18 Nov 2015 17:33

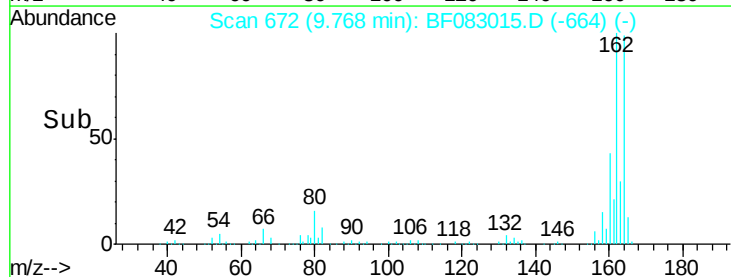
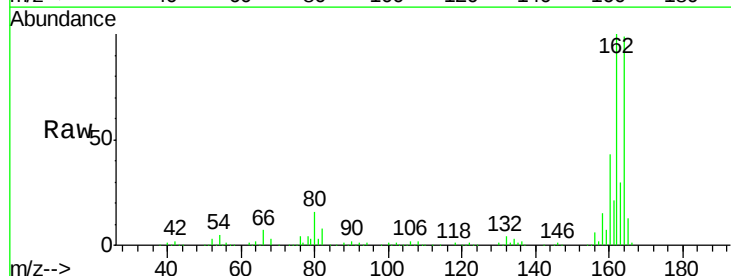
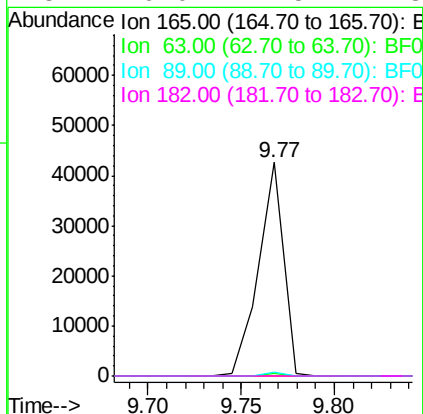
Instrument :
 BNA_F
 ClientSampled :

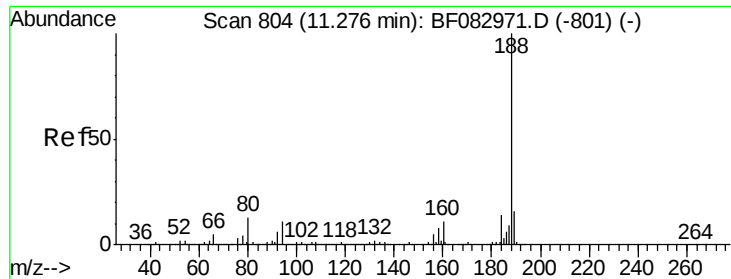
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	55.5	83.3#
89	1.7	55.0	82.6#



#56
 2,4-Dinitrotoluene
 Concen: 5.36 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.21 min
 Lab File: BF083015.D
 Acq: 18 Nov 2015 17:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	43.4	65.0#
89	1.7	70.6	106.0#
182	0.0	1.5	2.3#

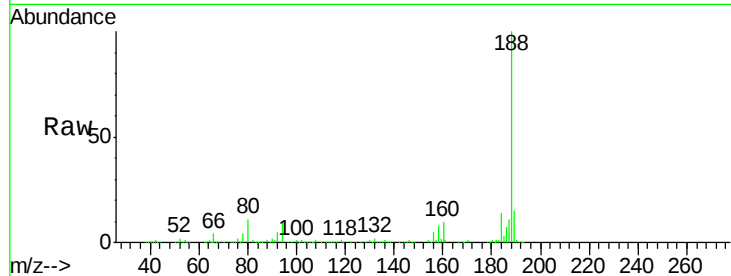




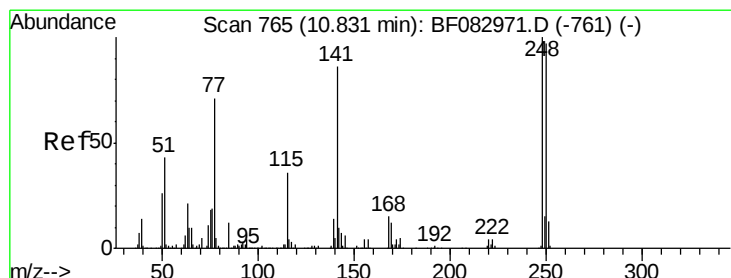
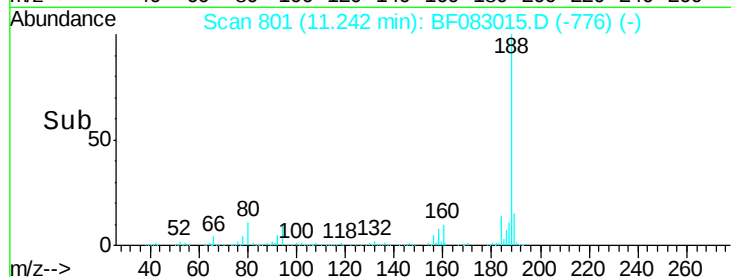
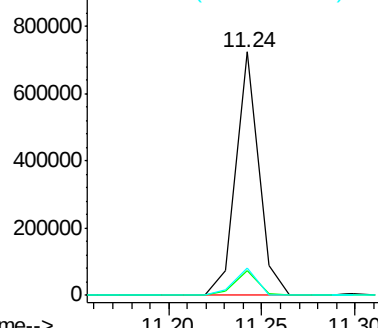
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF083015.D
Acq: 18 Nov 2015 17:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 608886
Ion Ratio Lower Upper
188 100
94 10.1 6.1 9.1#
80 11.4 7.0 10.6#

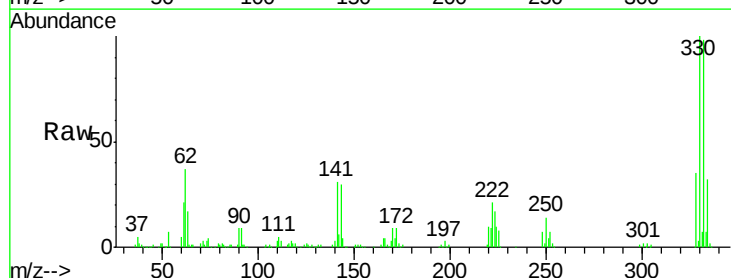


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

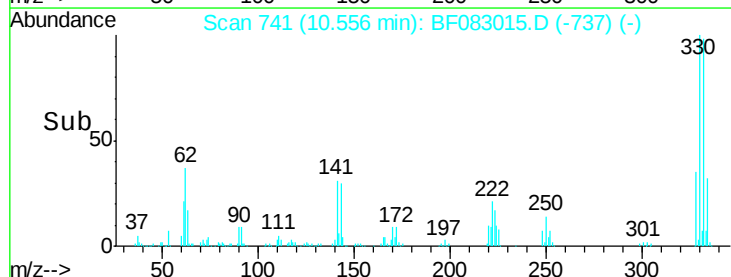
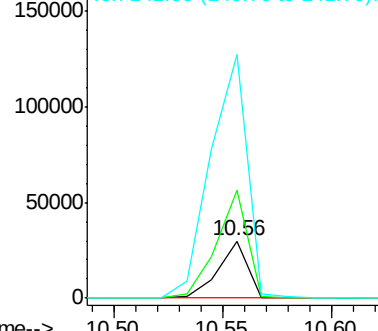


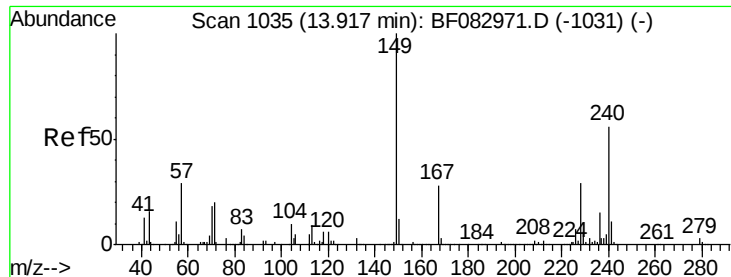
#66
4-Bromophenyl-phenylether
Concen: 3.82 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.25 min
Lab File: BF083015.D
Acq: 18 Nov 2015 17:33

Tgt Ion:248 Resp: 28022
Ion Ratio Lower Upper
248 100
250 190.4 79.4 119.2#
141 428.9 36.3 54.5#



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

Chrvsene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF083015.D

Acq: 18 Nov 2015 17:33

Instrument :

BNA_F

ClientSampled :

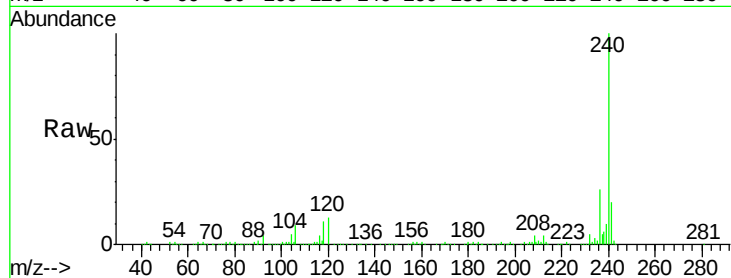
Tot Ion:240 Resp: 737562

Ion Ratio Lower Upper

240 100

120 12.6 10.9 16.3

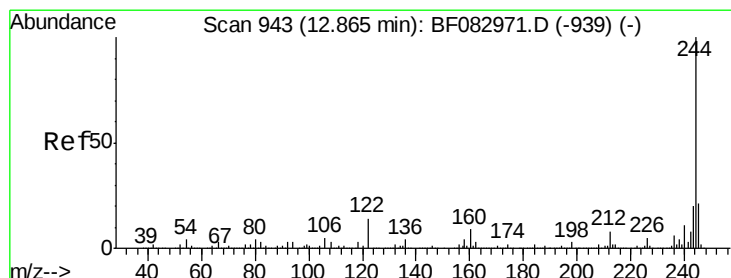
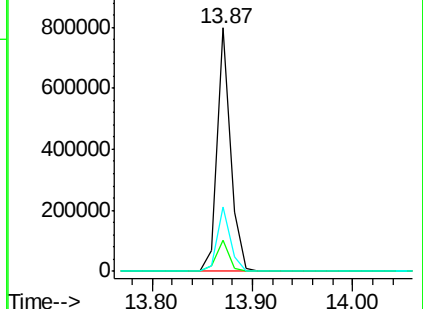
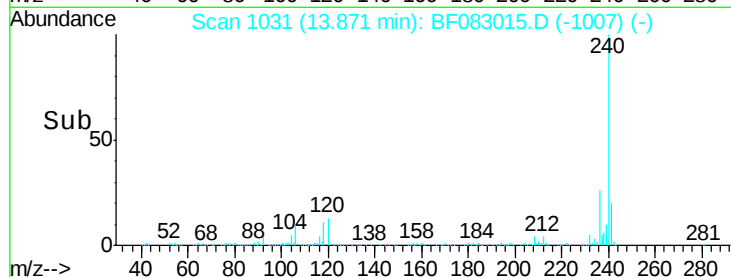
236 26.3 21.6 32.4



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



#78

Terphenyl-d14

Concen: 72.45 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF083015.D

Acq: 18 Nov 2015 17:33

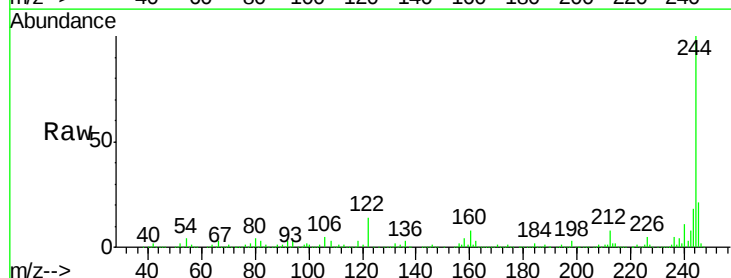
Tgt Ion:244 Resp: 2253086

Ion Ratio Lower Upper

244 100

212 7.9 7.6 11.4

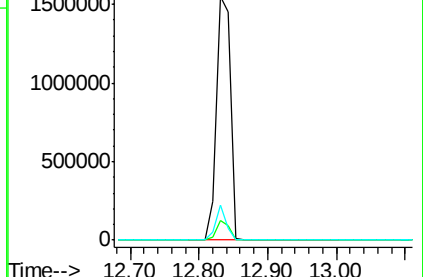
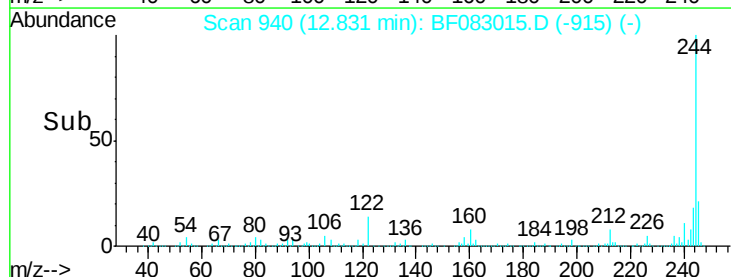
122 14.3 11.3 16.9

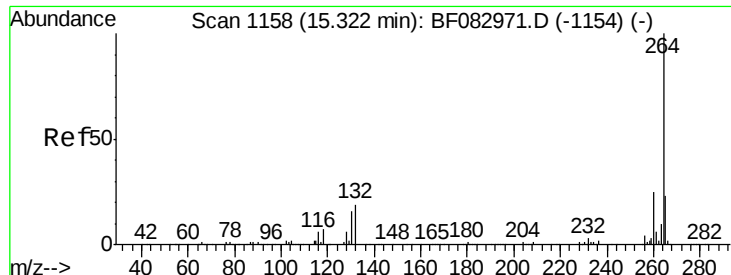


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

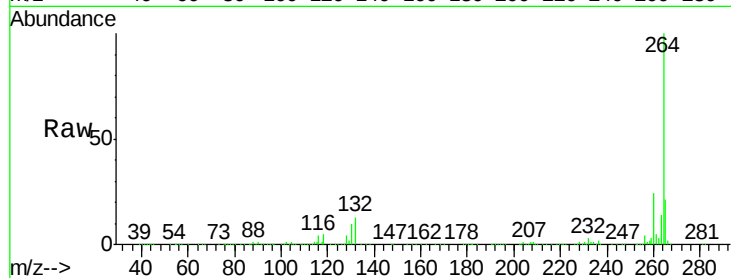




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF083015.D
 Acq: 18 Nov 2015 17:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	21.2	17.4	26.0



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

