

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111715\
 Data File : BF082974.D
 Acq On : 17 Nov 2015 19:07
 Operator : UM/IZ
 Sample : PB86421BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 04:26:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

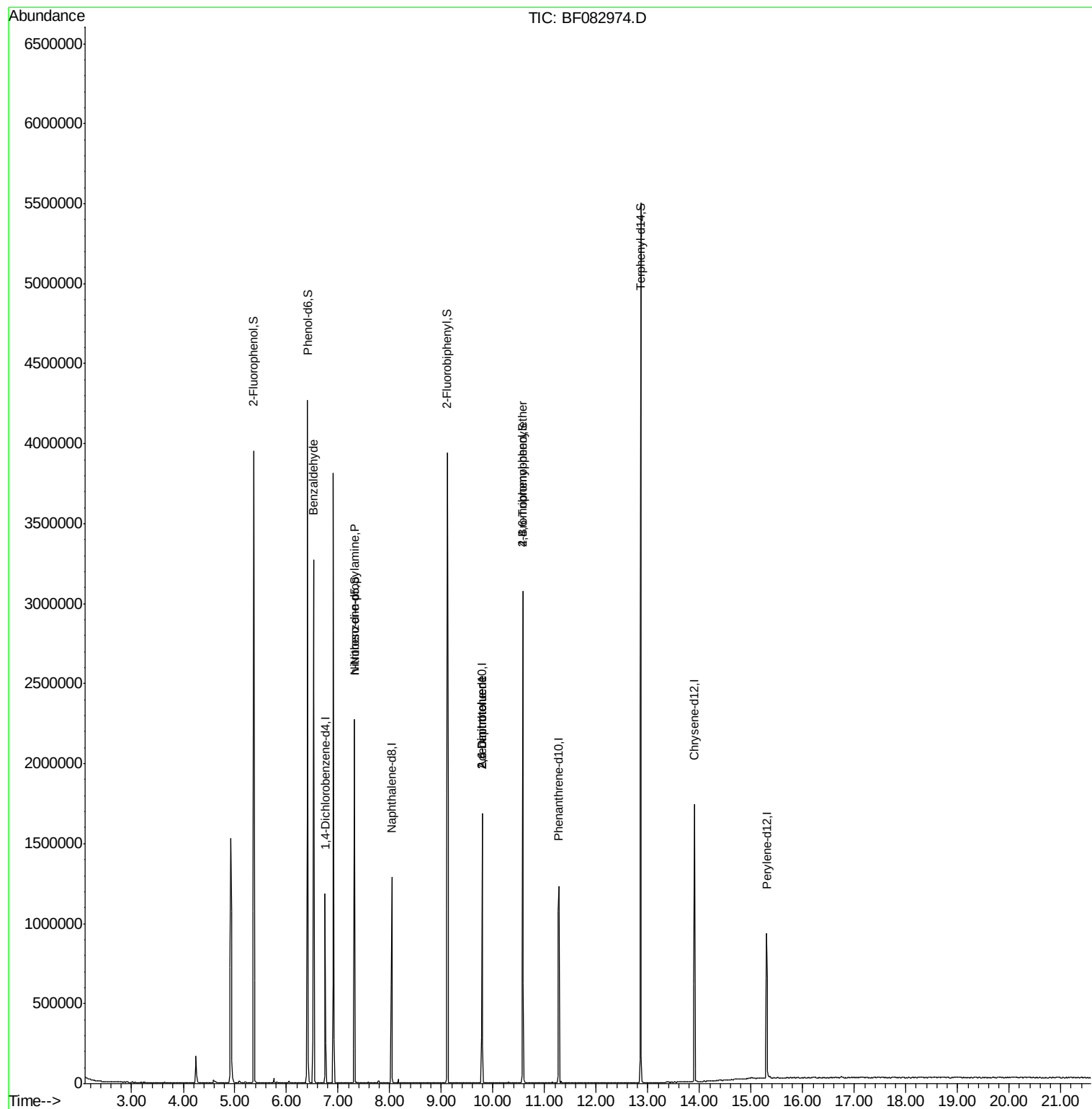
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	163224	20.00	ng	-0.10
21) Naphthalene-d8	8.04	136	647454	20.00	ng	-0.10
38) Acenaphthene-d10	9.79	164	330000	20.00	ng	-0.10
63) Phenanthrene-d10	11.28	188	662840	20.00	ng	-0.10
75) Chrysene-d12	13.91	240	634933	20.00	ng	-0.11
86) Perylene-d12	15.30	264	467741	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1066204	101.64	ng	-0.08
7) Phenol-d6	6.41	99	1464725	105.03	ng	-0.08
23) Nitrobenzene-d5	7.32	82	1067855	71.77	ng	-0.09
41) 2,4,6-Tribromophenol	10.58	330	352009	93.03	ng	-0.10
44) 2-Fluorobiphenyl	9.12	172	1596296	69.33	ng	-0.10
78) Terphenyl-d14	12.86	244	1778772	66.45	ng	-0.10
Target Compounds						
9) Benzaldehyde	6.52	77	29091	3.78	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.32	70	143480	14.00	ng	# 62
50) 2,6-Dinitrotoluene	9.79	165	42533	7.37	ng	# 17
56) 2,4-Dinitrotoluene	9.79	165	42534	5.43	ng	# 15
66) 4-Bromophenyl-phenylether	10.58	248	23395	2.93	ng	# 1

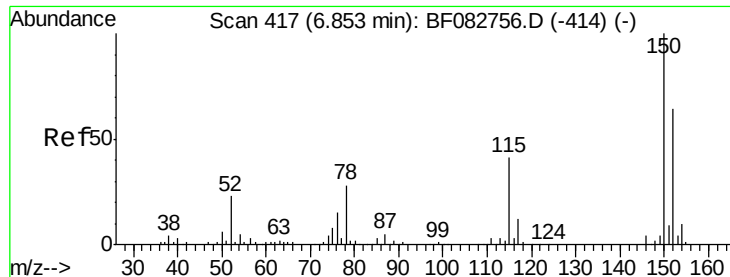
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111715\
Data File : BF082974.D
Acq On : 17 Nov 2015 19:07
Operator : UM/IZ
Sample : PB86421BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 18 04:26:29 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 04:41:30 2015
Response via : Initial Calibration



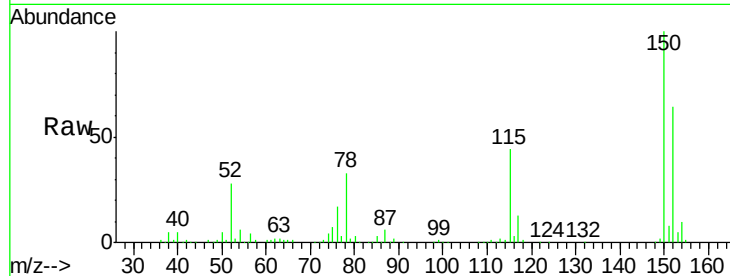


#1

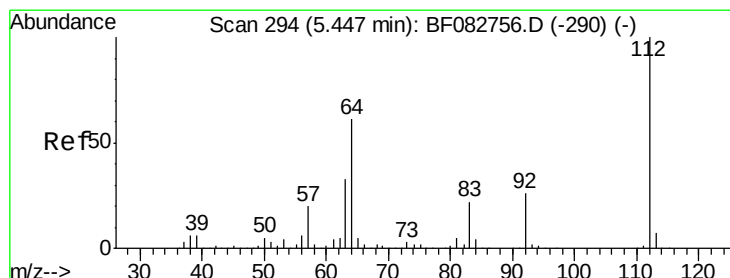
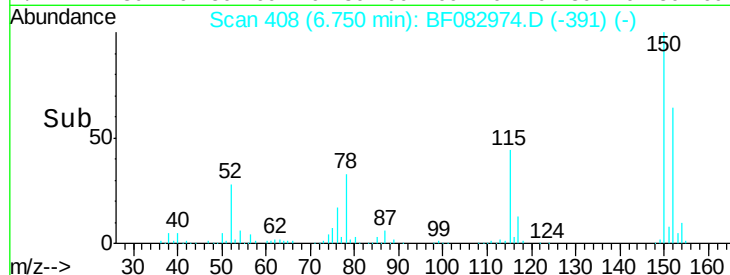
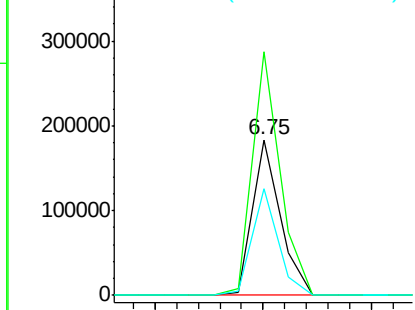
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.10 min
Lab File: BF082974.D
Acq: 17 Nov 2015 19:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 163224
Ion Ratio Lower Upper
152 100
150 156.6 127.0 190.4
115 68.4 47.0 70.6



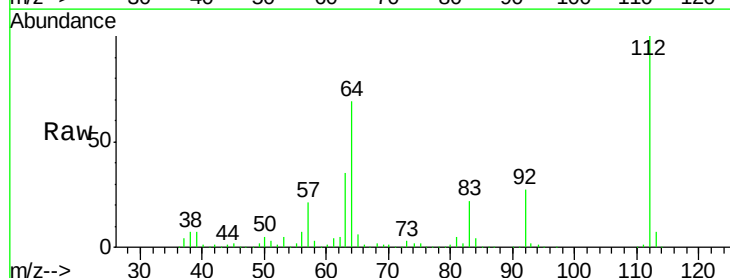
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



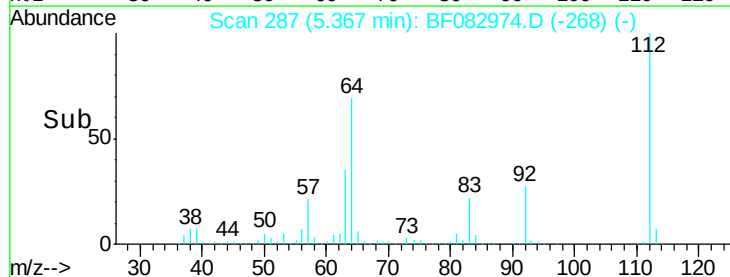
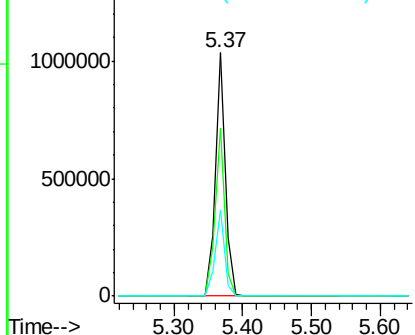
#5

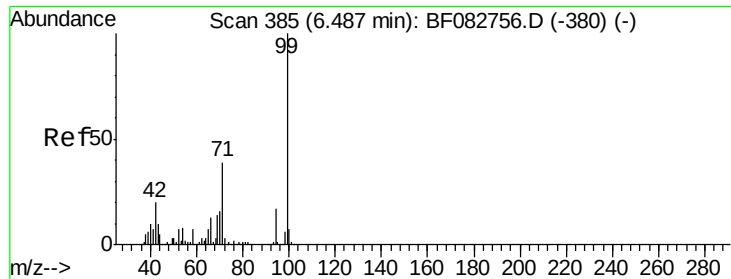
2-Fluorophenol
Concen: 101.64 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.08 min
Lab File: BF082974.D
Acq: 17 Nov 2015 19:07

Tgt Ion:112 Resp: 1066204
Ion Ratio Lower Upper
112 100
64 69.1 48.9 73.3
63 35.5 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: 105.03 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.08 min

Lab File: BF082974.D

Acq: 17 Nov 2015 19:07

Instrument :

BNA_F

ClientSampleId :

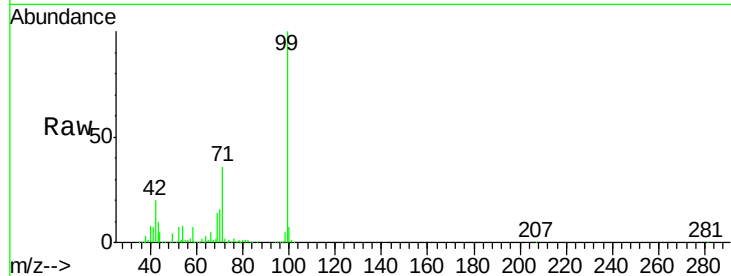
Tot Ion: 99 Resp: 1464725

Ion Ratio Lower Upper

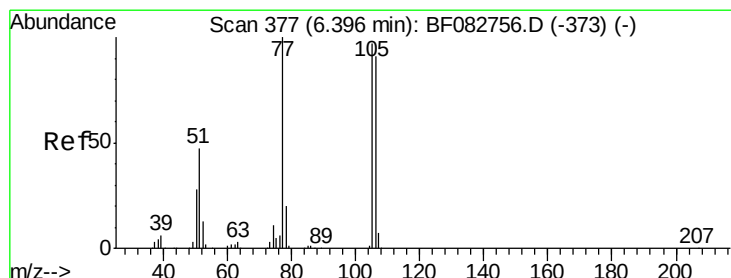
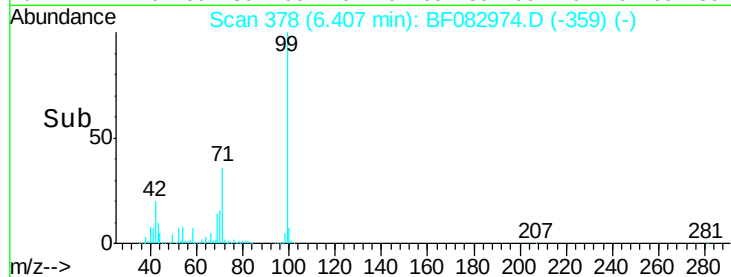
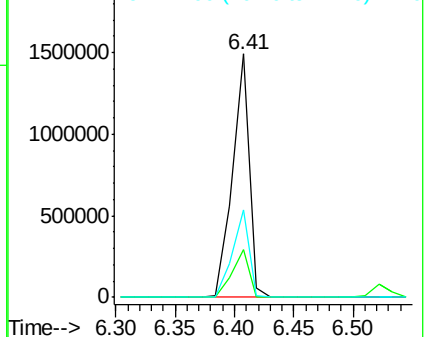
99 100

42 19.5 19.2 28.8

71 36.0 35.0 52.4



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



#9

Benzaldehyde

Concen: 3.78 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.13 min

Lab File: BF082974.D

Acq: 17 Nov 2015 19:07

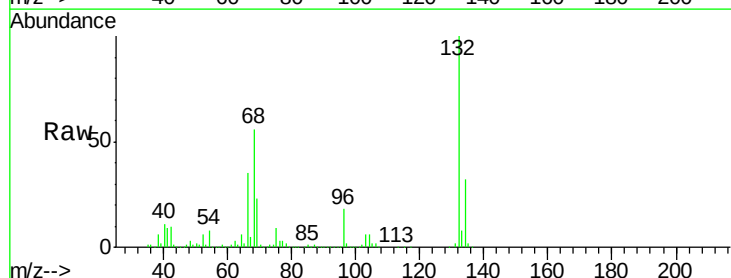
Tgt Ion: 77 Resp: 29091

Ion Ratio Lower Upper

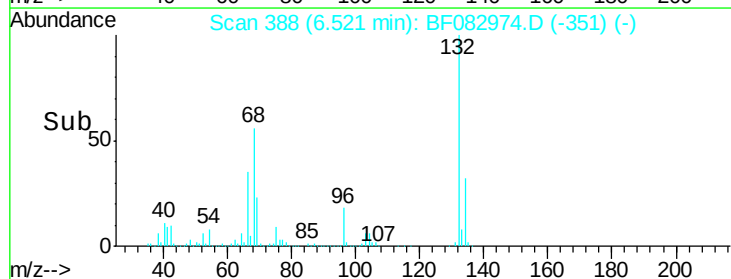
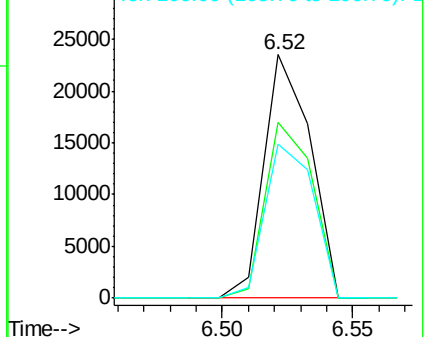
77 100

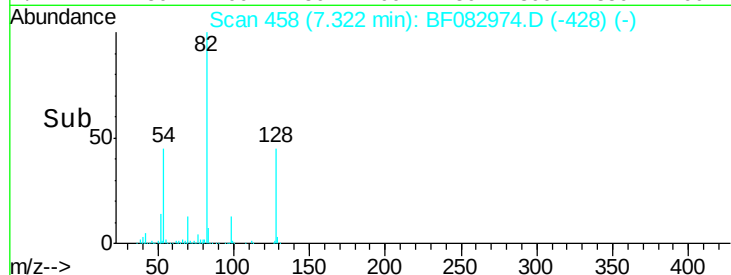
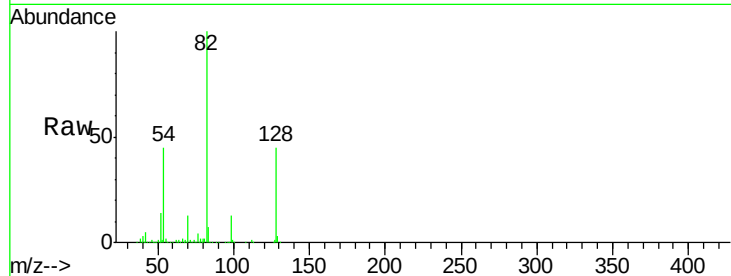
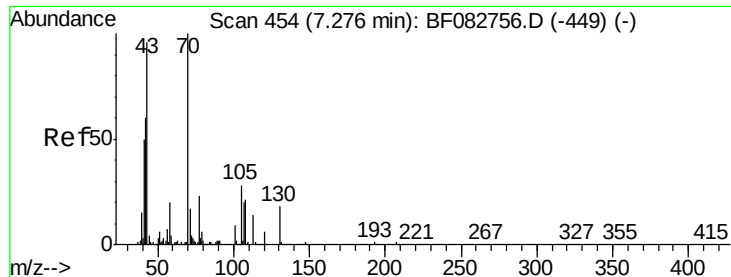
105 72.2 63.5 103.5

106 63.3 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

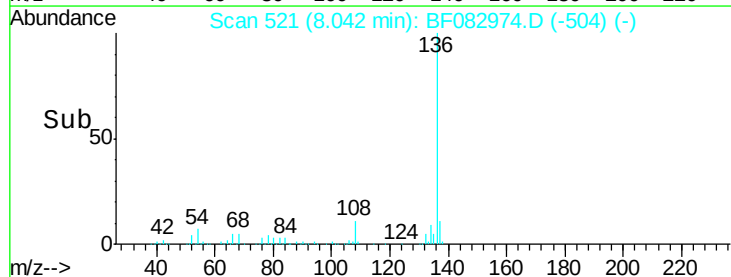
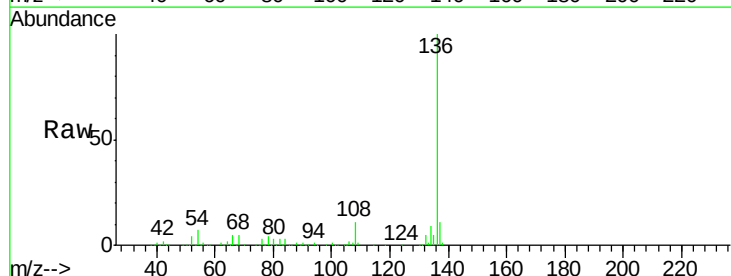
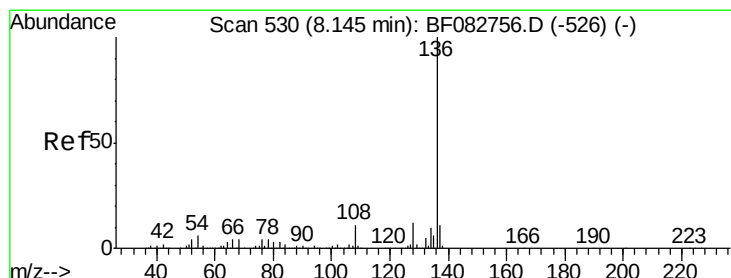
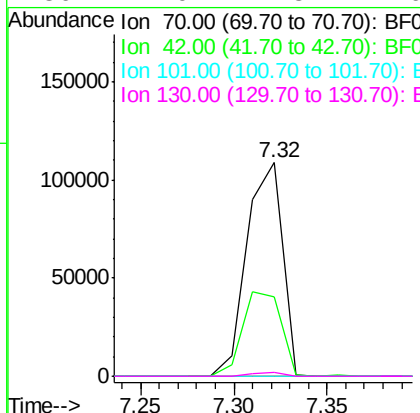




#19
n-Nitroso-di-n-propylamine
Concen: 14.00 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.05 min
Lab File: BF082974.D
Acq: 17 Nov 2015 19:07

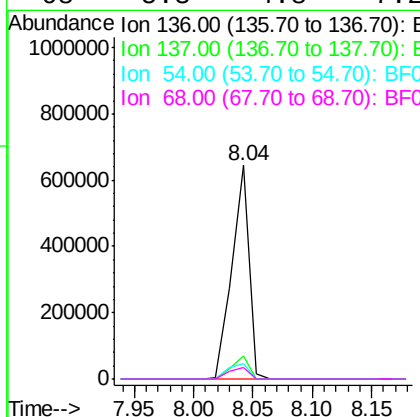
Instrument :
BNA_F
ClientSampleId :

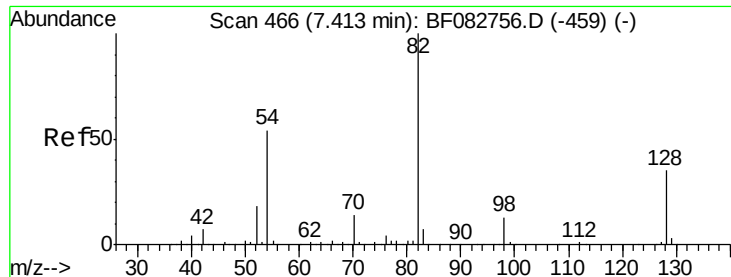
Tot Ion: 70 Resp: 143480
Ion Ratio Lower Upper
70 100
42 37.5 57.7 86.5#
101 0.0 7.0 10.6#
130 2.0 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.10 min
Lab File: BF082974.D
Acq: 17 Nov 2015 19:07

Tgt Ion:136 Resp: 647454
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.3 9.1 13.7#
68 5.3 4.8 7.2

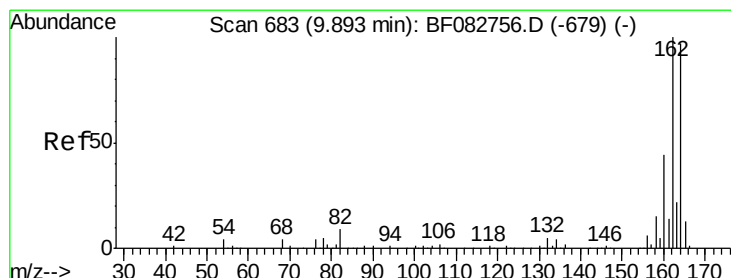
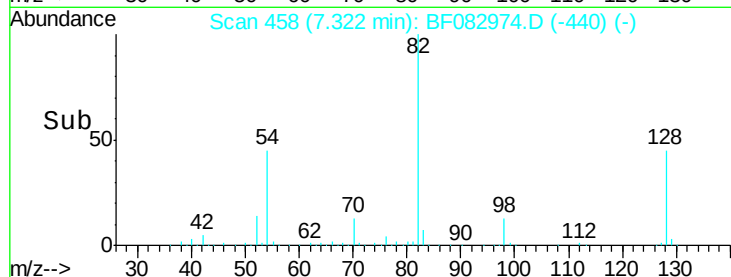
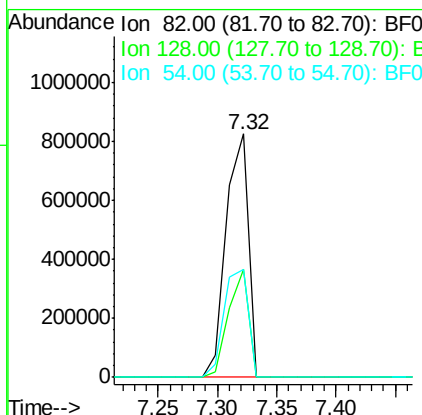
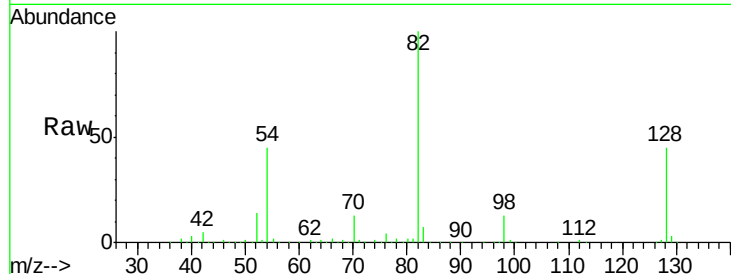




#23
 Nitrobenzene-d5
 Concen: 71.77 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.09 min
 Lab File: BF082974.D
 Acq: 17 Nov 2015 19:07

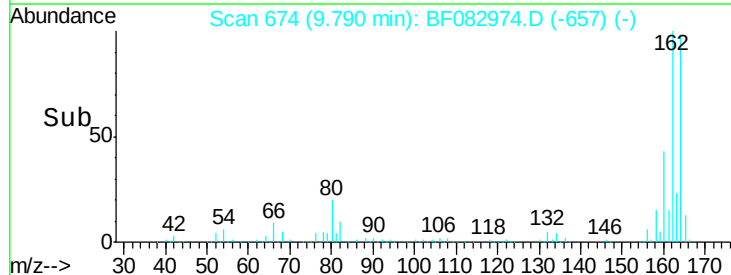
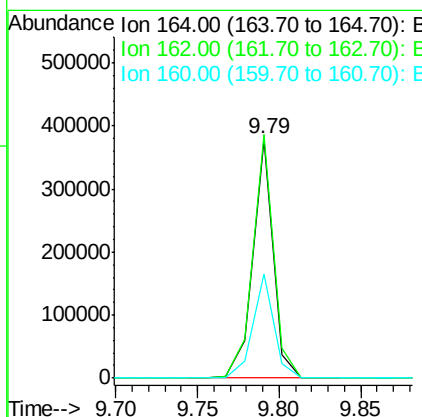
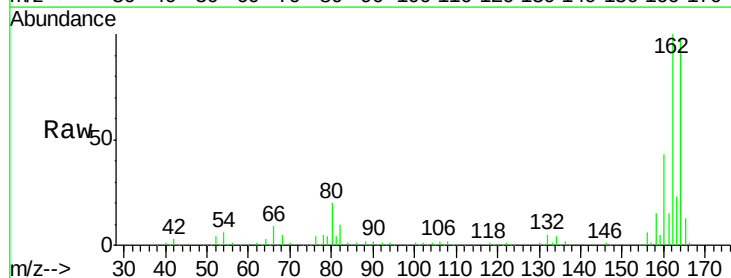
Instrument :
 BNA_F
 ClientSampleId :

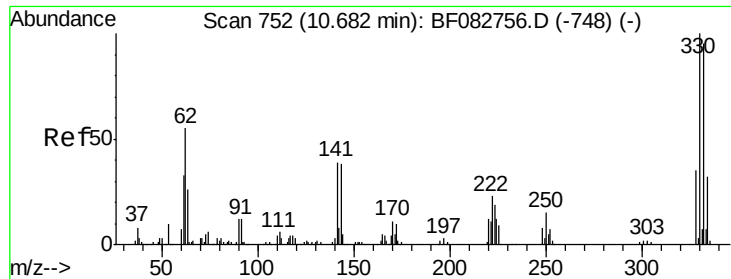
Tot Ion: 82 Resp: 1067855
 Ion Ratio Lower Upper
 82 100
 128 44.6 26.8 40.2#
 54 44.6 45.7 68.5#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.10 min
 Lab File: BF082974.D
 Acq: 17 Nov 2015 19:07

Tgt Ion:164 Resp: 330000
 Ion Ratio Lower Upper
 164 100
 162 101.8 84.9 127.3
 160 43.6 37.5 56.3

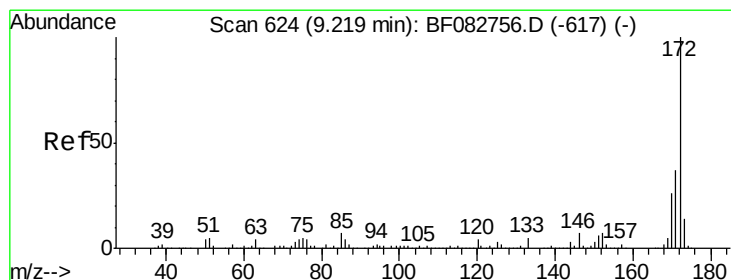
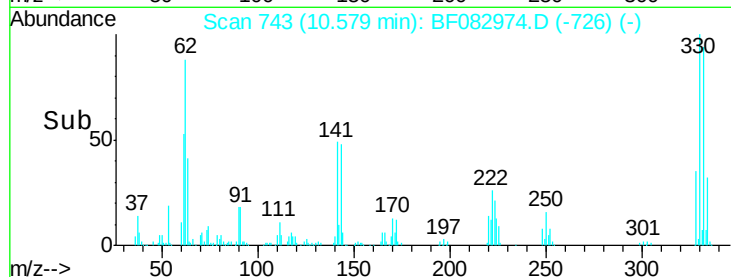
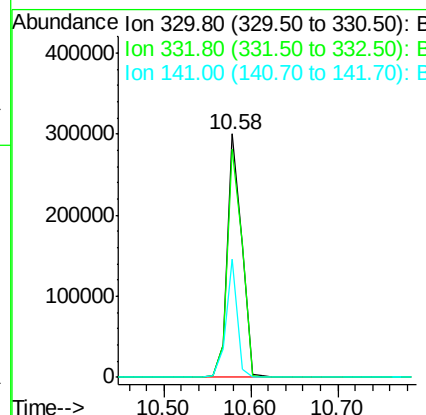
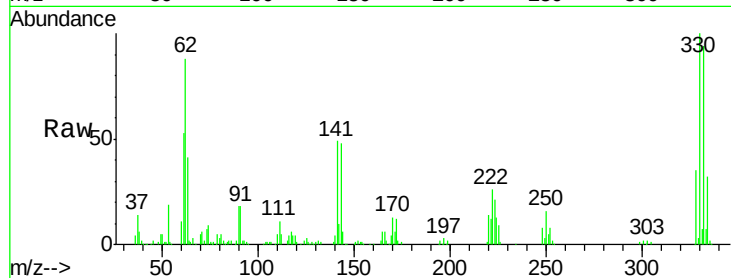




#41
 2,4,6-Tribromophenol
 Concen: 93.03 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.10 min
 Lab File: BF082974.D
 Acq: 17 Nov 2015 19:07

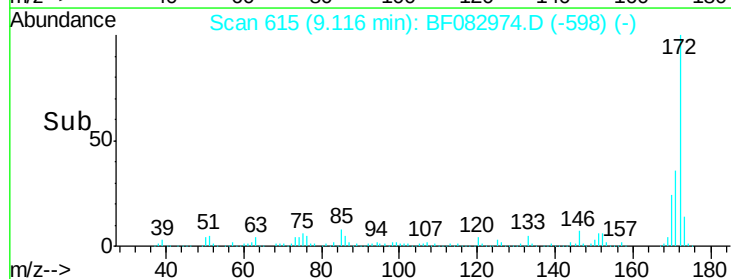
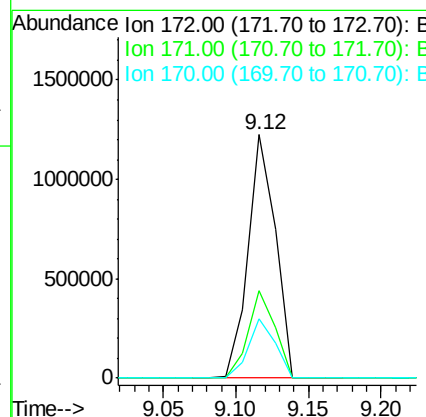
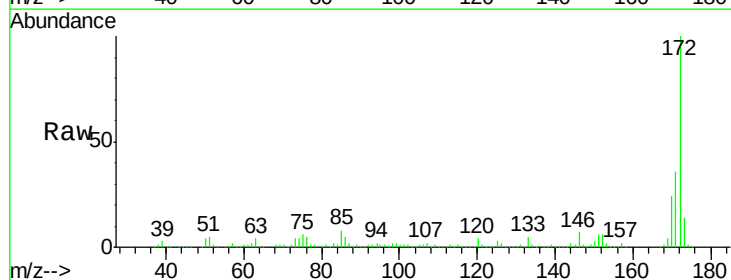
Instrument :
 BNA_F
 ClientSampleId :

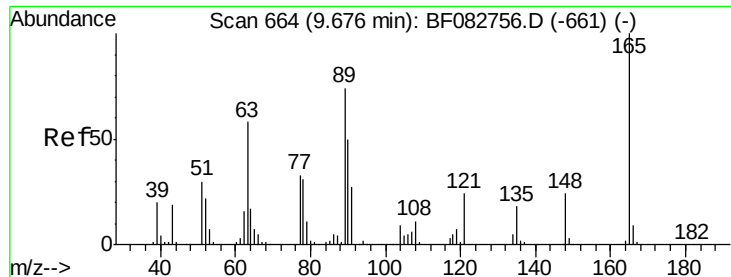
Tot Ion:330 Resp: 352009
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 38.1 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 69.33 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.10 min
 Lab File: BF082974.D
 Acq: 17 Nov 2015 19:07

Tgt Ion:172 Resp: 1596296
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.8 46.2
 170 24.4 21.2 31.8

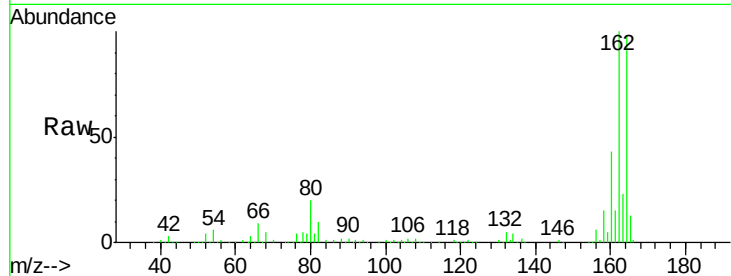




#50
2,6-Dinitrotoluene
Concen: 7.37 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.11 min
Lab File: BF082974.D
Acq: 17 Nov 2015 19:07

Instrument :
BNA_F
ClientSampleId :

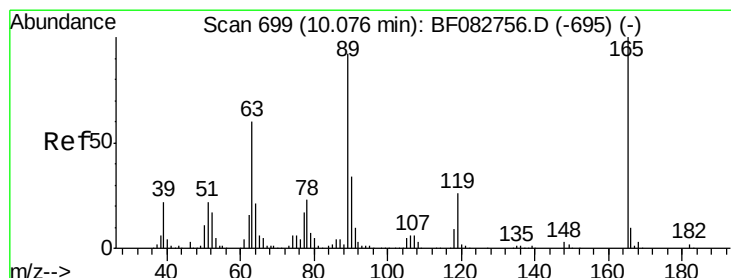
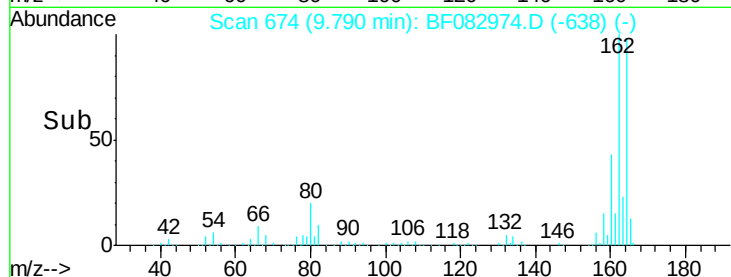
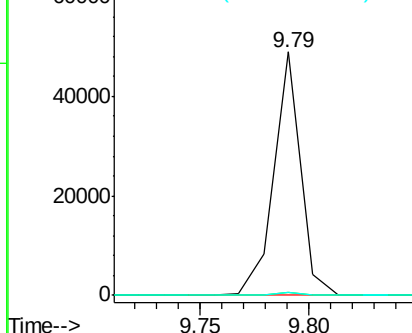
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	55.5	83.3#
89	1.1	55.0	82.6#



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



#56
2,4-Dinitrotoluene
Concen: 5.43 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.29 min
Lab File: BF082974.D
Acq: 17 Nov 2015 19:07

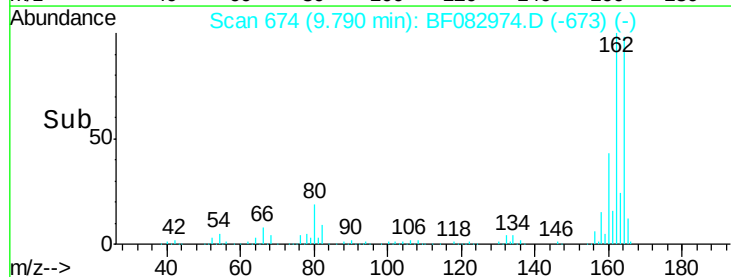
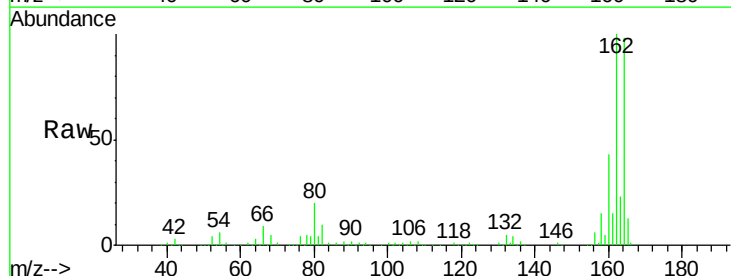
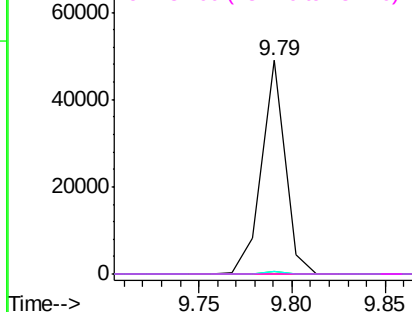
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	43.4	65.0#
89	1.1	70.6	106.0#
182	0.0	1.5	2.3#

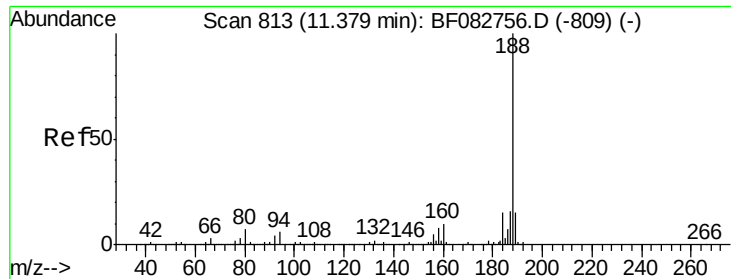
Abundance Ion 165.00 (164.70 to 165.70): E

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

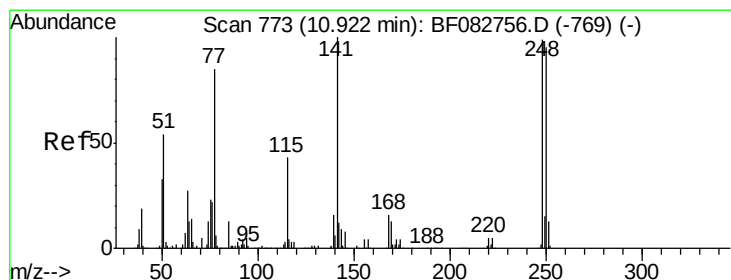
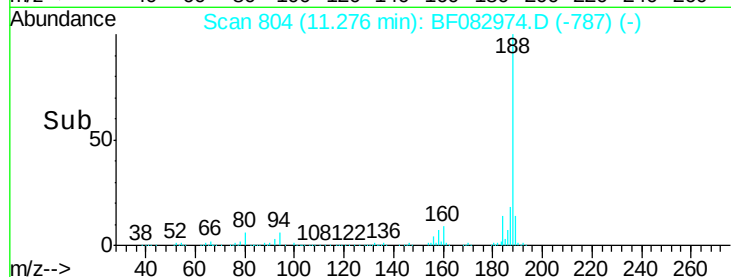
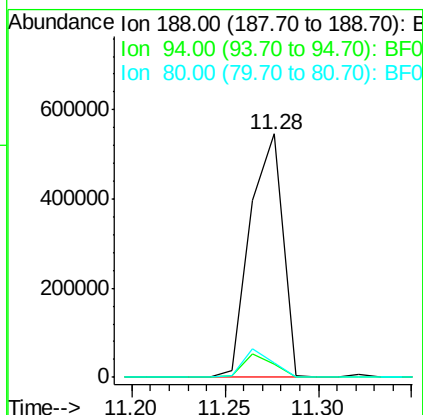
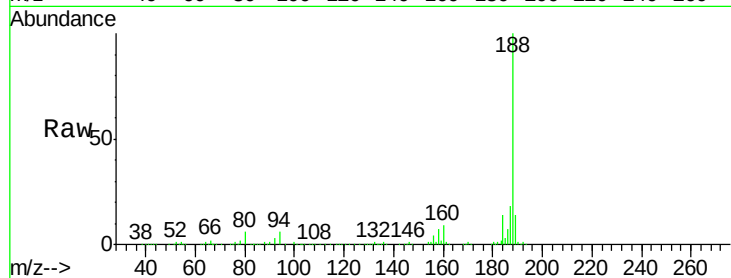




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.10 min
Lab File: BF082974.D
Acq: 17 Nov 2015 19:07

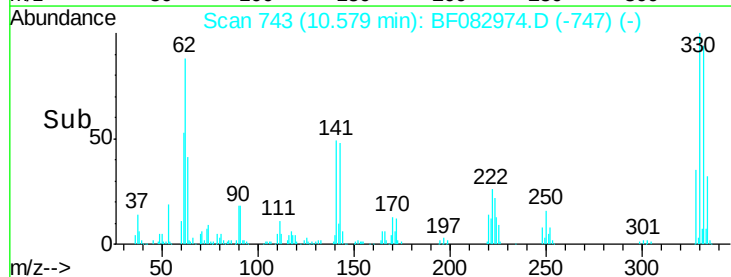
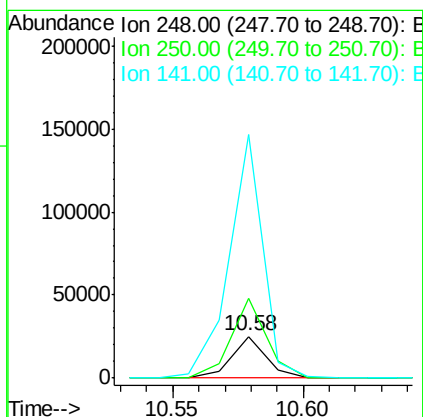
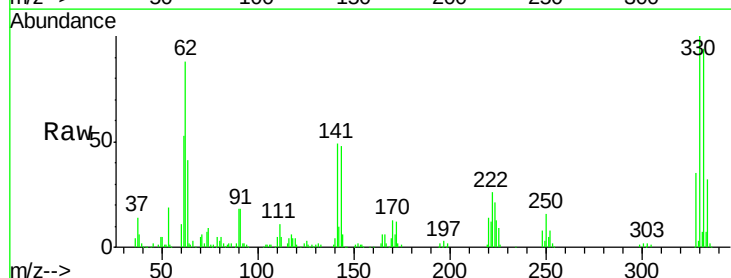
Instrument :
BNA_F
ClientSampleId :

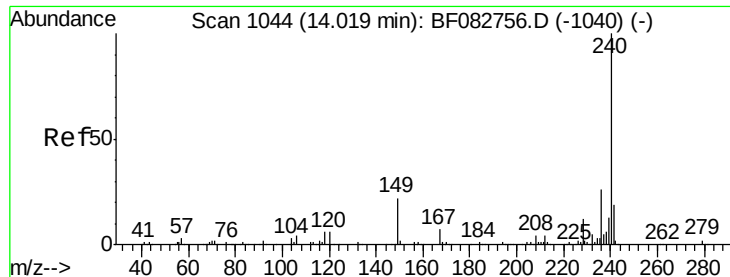
Tot Ion:188 Resp: 662840
Ion Ratio Lower Upper
188 100
94 5.6 6.1 9.1#
80 6.1 7.0 10.6#



#66
4-Bromophenyl-phenylether
Concen: 2.93 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.34 min
Lab File: BF082974.D
Acq: 17 Nov 2015 19:07

Tgt Ion:248 Resp: 23395
Ion Ratio Lower Upper
248 100
250 191.3 79.4 119.2#
141 587.9 36.3 54.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.11 min

Lab File: BF082974.D

Acq: 17 Nov 2015 19:07

Instrument :

BNA_F

ClientSampleId :

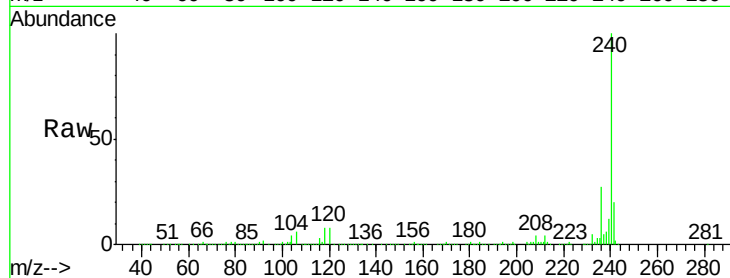
Tot Ion:240 Resp: 634933

Ion Ratio Lower Upper

240 100

120 8.1 10.9 16.3#

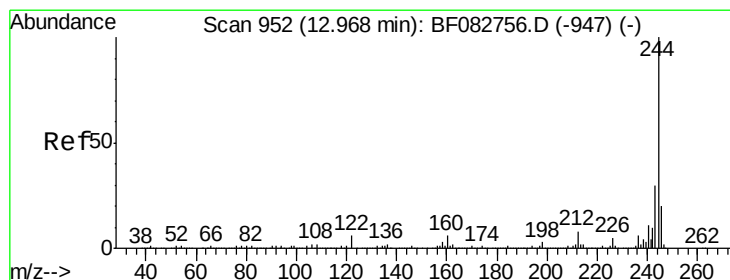
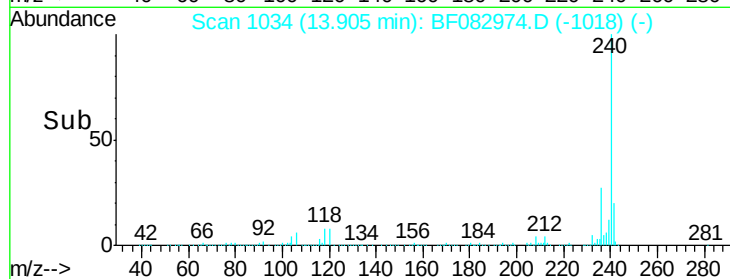
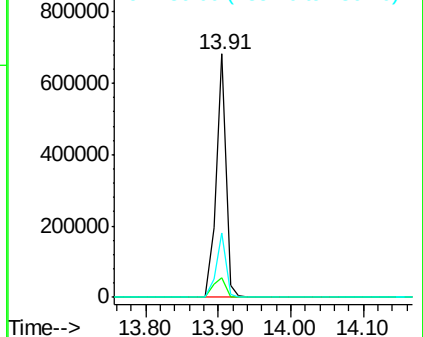
236 26.7 21.6 32.4



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: 66.45 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.10 min

Lab File: BF082974.D

Acq: 17 Nov 2015 19:07

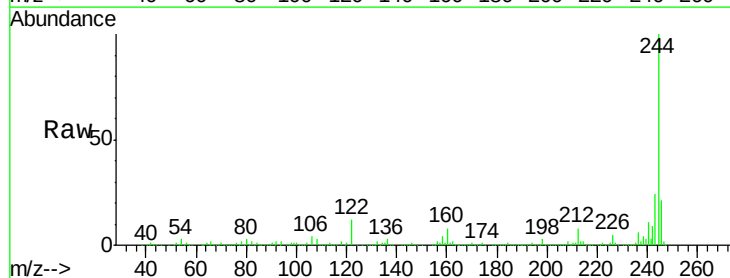
Tgt Ion:244 Resp: 1778772

Ion Ratio Lower Upper

244 100

212 8.0 7.6 11.4

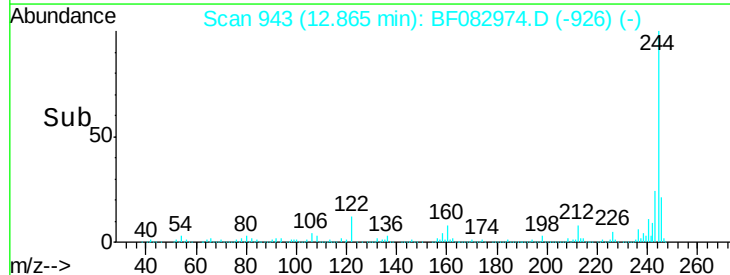
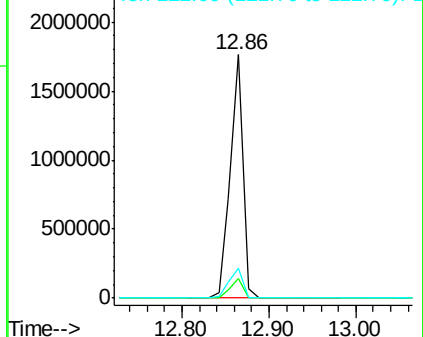
122 12.0 11.3 16.9

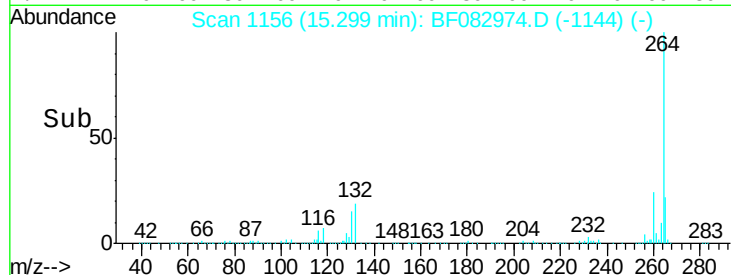
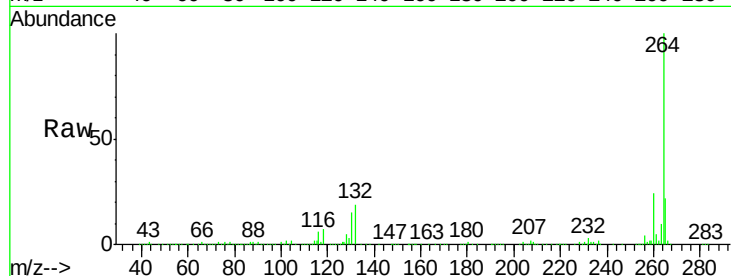
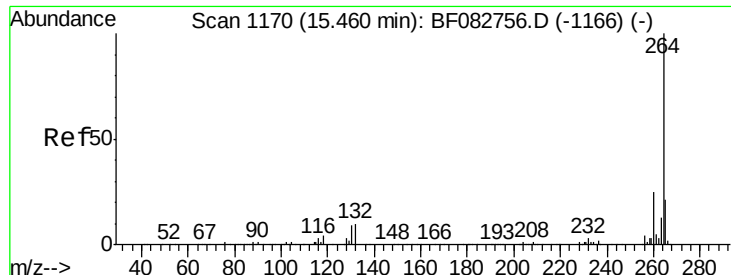


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 1156
 Delta R.T. -0.16 min
 Lab File: BF082974.D
 Acq: 17 Nov 2015 19:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	467741
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.6
265	21.7	17.4	26.0

