

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111815\
 Data File : BF083013.D
 Acq On : 18 Nov 2015 16:35
 Operator : UM/IZ
 Sample : PB86689BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86689BL

Quant Time: Nov 19 01:46:21 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

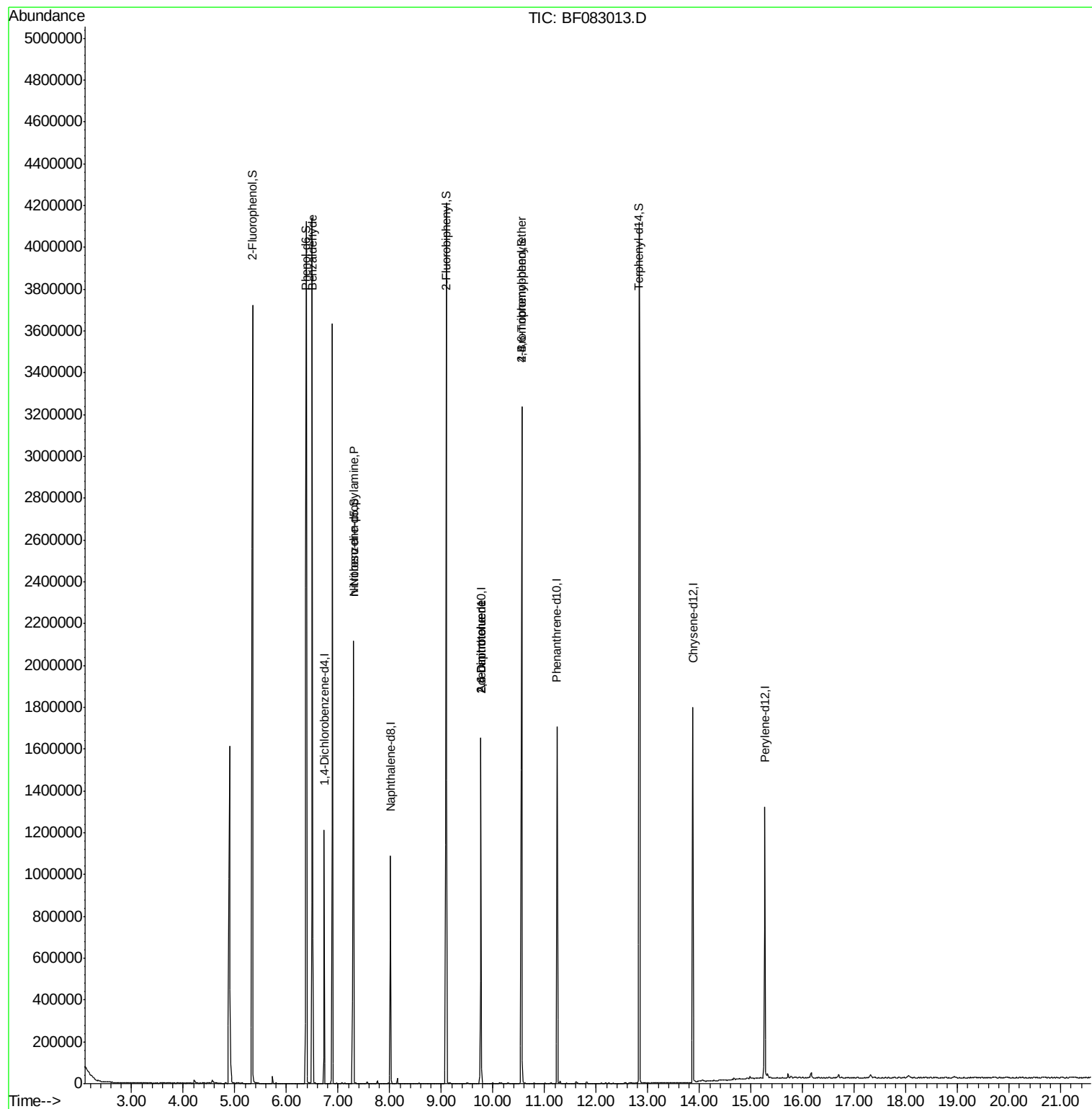
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	158959	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	618179	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	339902	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	608324	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	598888	20.00	ng	-0.02
86) Perylene-d12	15.27	264	600444	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1243488	121.72	ng	0.01
7) Phenol-d6	6.38	99	1624774	119.63	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1078214	75.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	383048	98.29	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1586744	66.91	ng	-0.01
78) Terphenyl-d14	12.83	244	1815484	71.90	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.50	77	27741	3.70	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.30	70	139224	13.94	ng	# 64
50) 2,6-Dinitrotoluene	9.77	165	43470	7.32	ng	# 17
56) 2,4-Dinitrotoluene	9.77	165	43470	5.39	ng	# 15
66) 4-Bromophenyl-phenylether	10.56	248	28169	3.85	ng	# 1

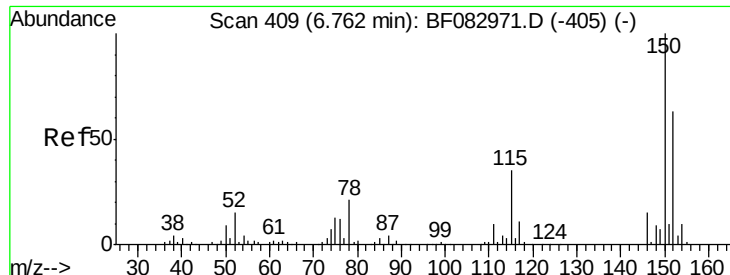
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083013.D

Acq: 18 Nov 2015 16:35

Instrument :

BNA_F

ClientSampleId :

PB86689BL

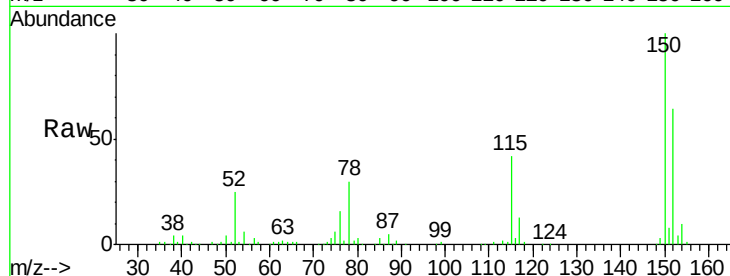
Tot Ion:152 Resp: 158959

Ion Ratio Lower Upper

152 100

150 156.7 127.0 190.4

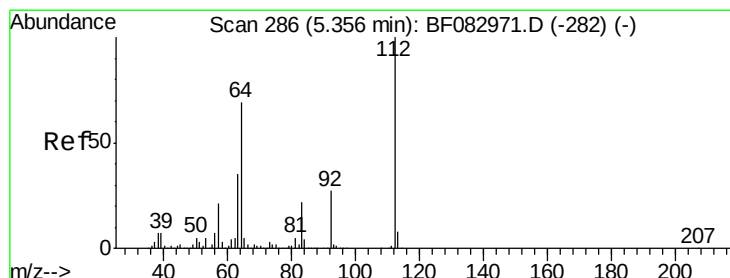
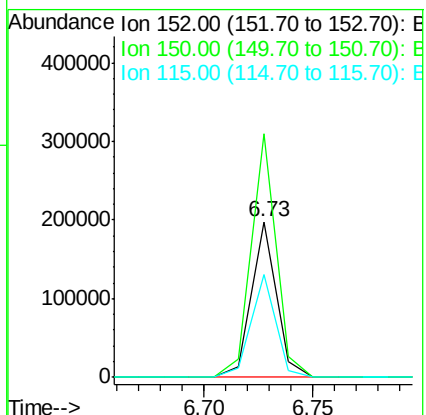
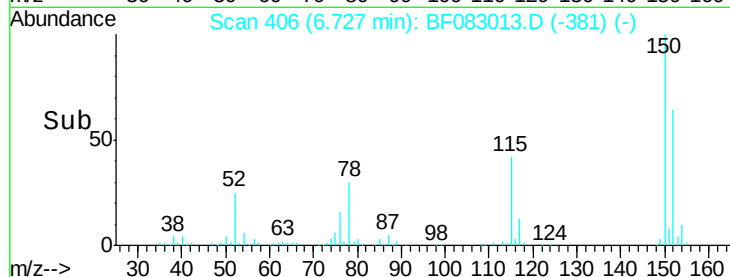
115 66.5 47.0 70.6



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: 121.72 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF083013.D

Acq: 18 Nov 2015 16:35

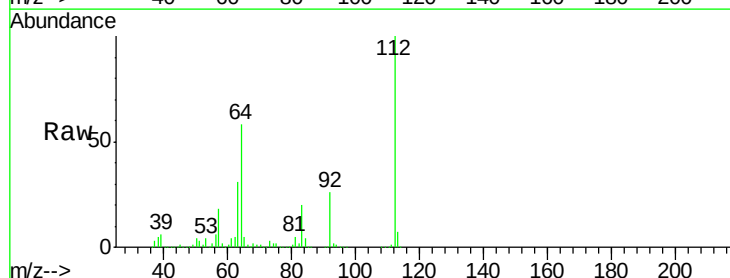
Tgt Ion:112 Resp: 1243488

Ion Ratio Lower Upper

112 100

64 58.2 48.9 73.3

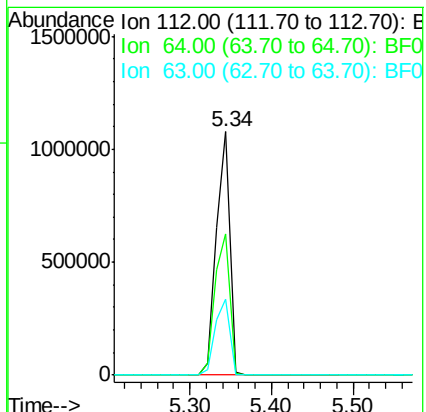
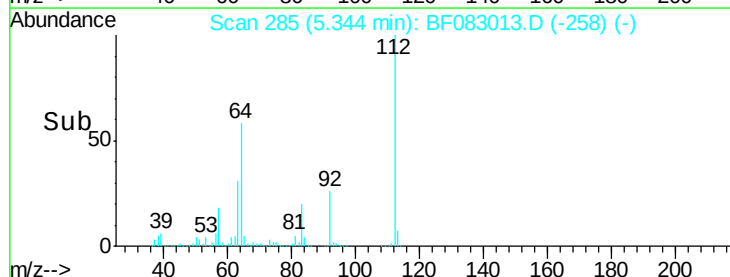
63 31.3 28.1 42.1

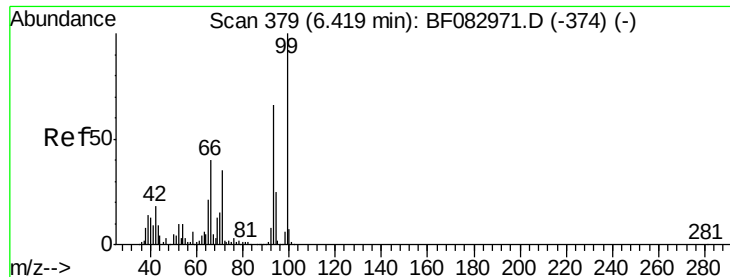


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.63 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF083013.D

Acq: 18 Nov 2015 16:35

Instrument :

BNA_F

ClientSampleId :

PB86689BL

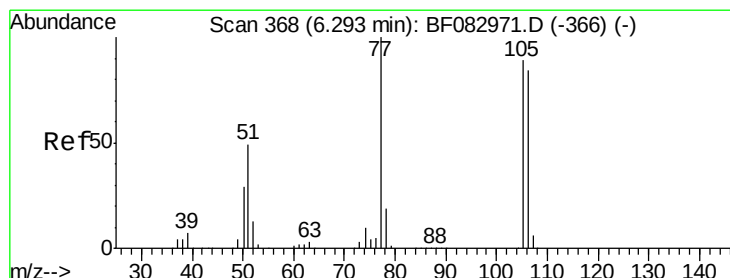
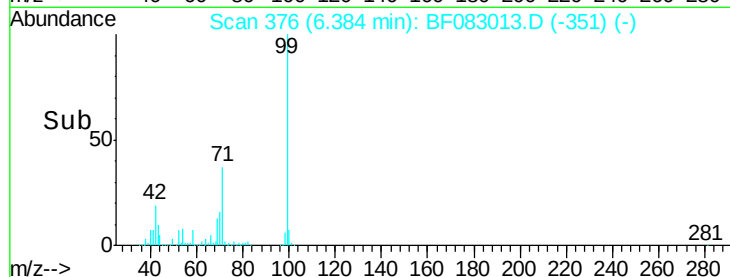
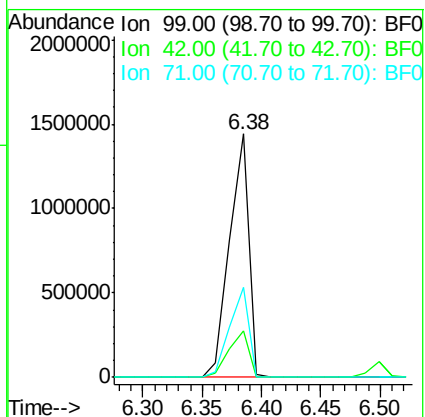
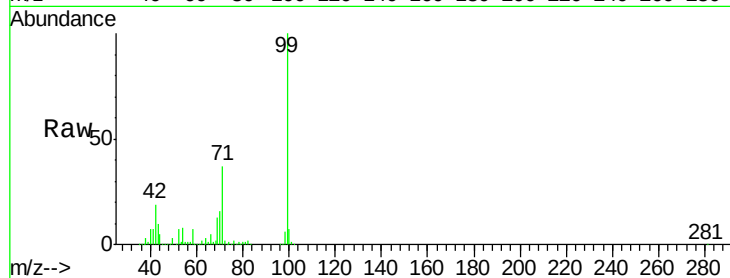
Tot Ion: 99 Resp: 1624774

Ion Ratio Lower Upper

99 100

42 19.3 19.2 28.8

71 36.7 35.0 52.4



#9

Benzaldehyde

Concen: 3.70 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.23 min

Lab File: BF083013.D

Acq: 18 Nov 2015 16:35

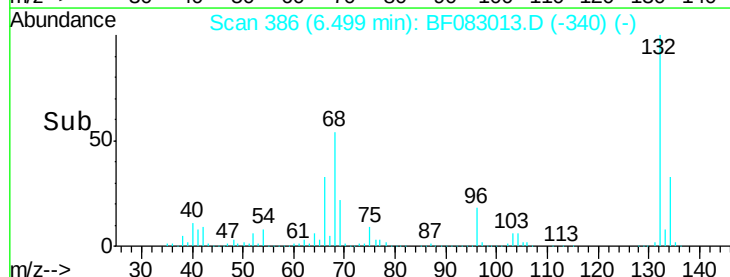
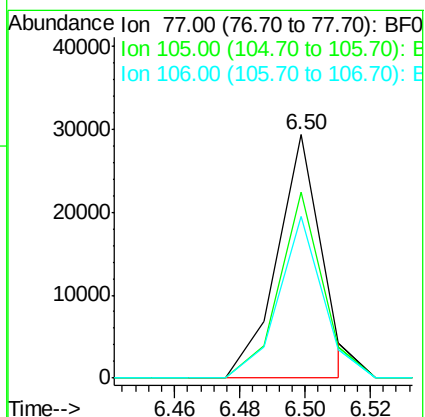
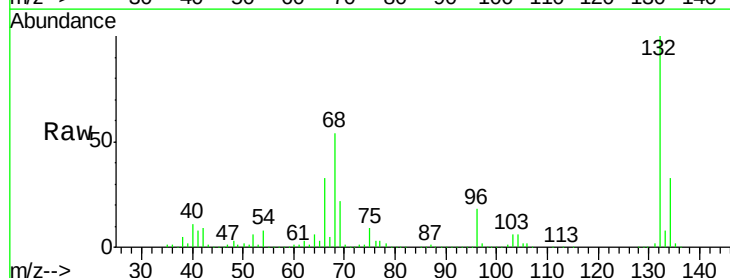
Tgt Ion: 77 Resp: 27741

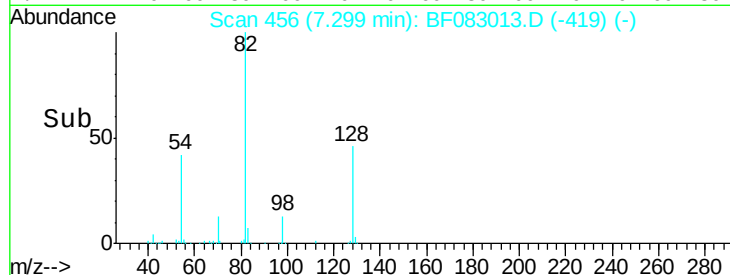
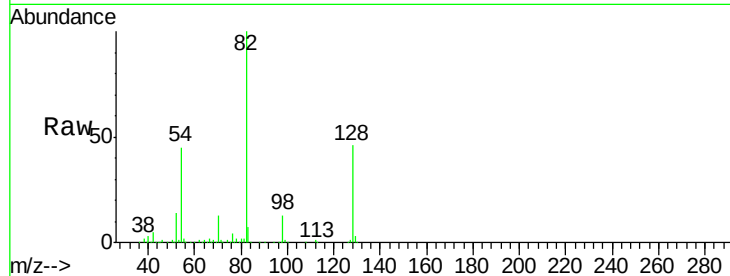
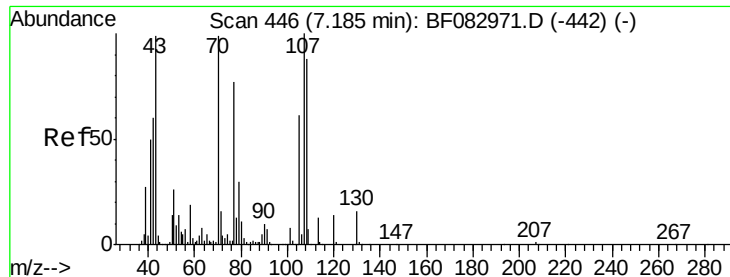
Ion Ratio Lower Upper

77 100

105 76.4 63.5 103.5

106 66.6 59.3 99.3

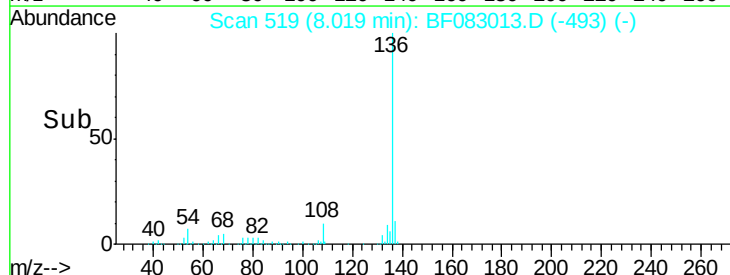
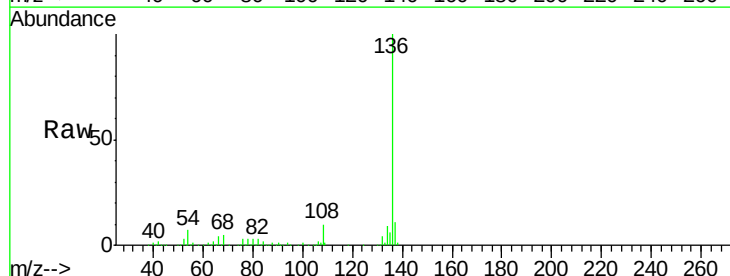
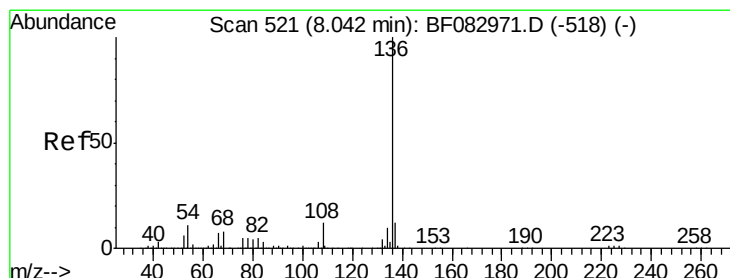
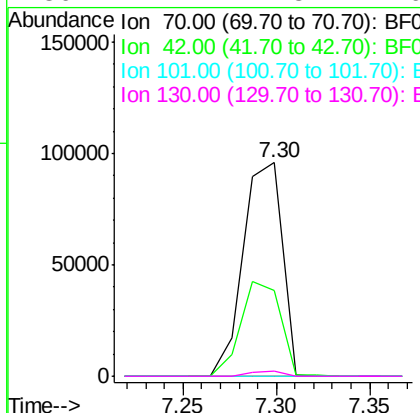




#19
n-Nitroso-di-n-propylamine
Concen: 13.94 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.13 min
Lab File: BF083013.D
Acq: 18 Nov 2015 16:35

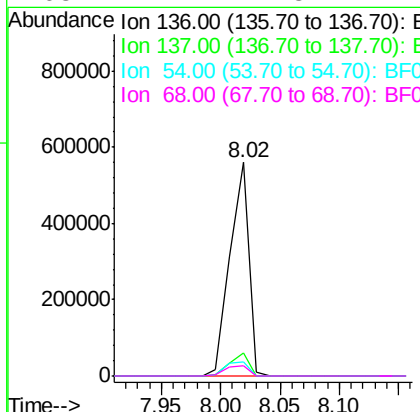
Instrument :
BNA_F
ClientSampleId :
PB86689BL

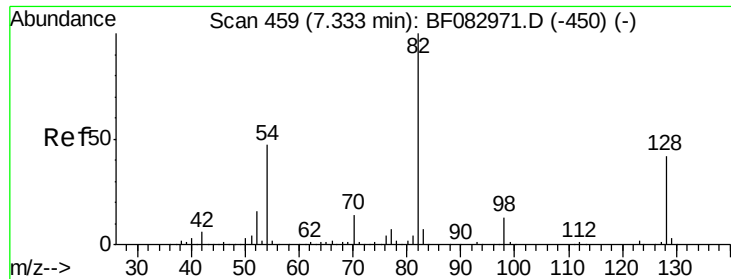
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	40.0	57.7	86.5#	
101	0.0	7.0	10.6#	
130	2.2	11.8	17.6#	



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF083013.D
Acq: 18 Nov 2015 16:35

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	10.6	9.1	13.7	
54	6.6	9.1	13.7#	
68	4.7	4.8	7.2#	

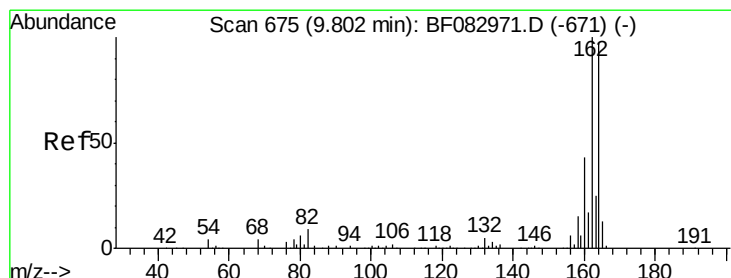
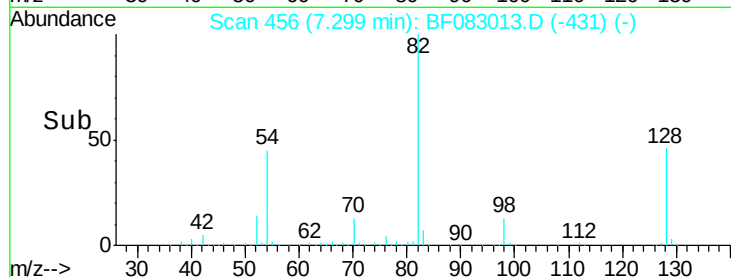
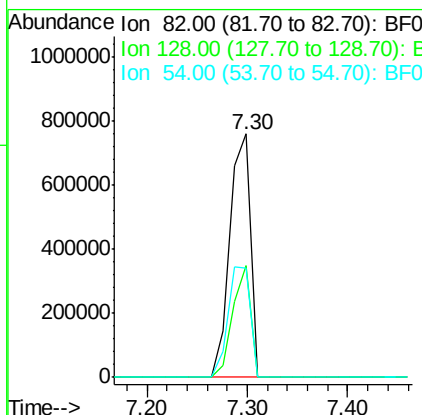
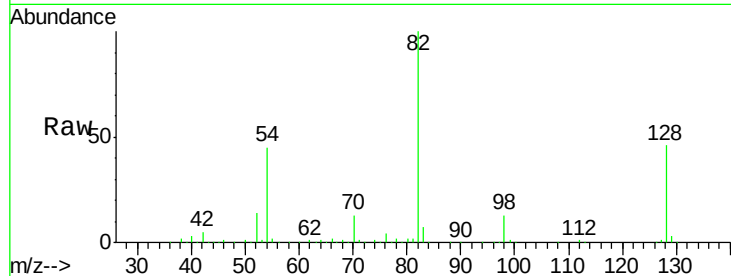




#23
 Nitrobenzene-d5
 Concen: 75.89 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF083013.D
 Acq: 18 Nov 2015 16:35

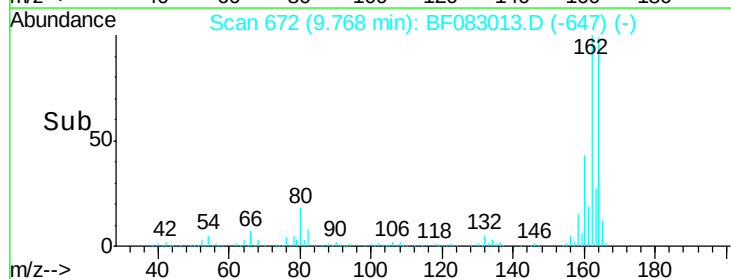
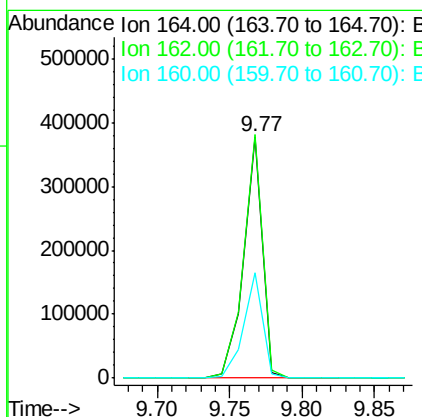
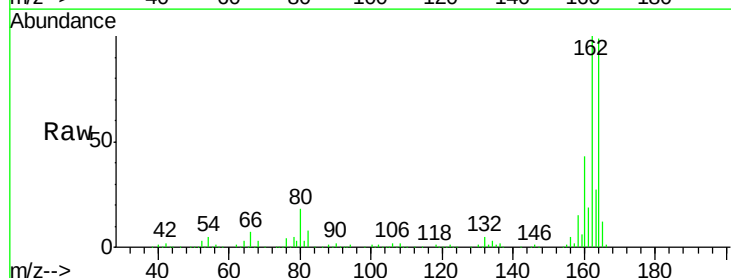
Instrument :
 BNA_F
 ClientSampled :
 PB86689BL

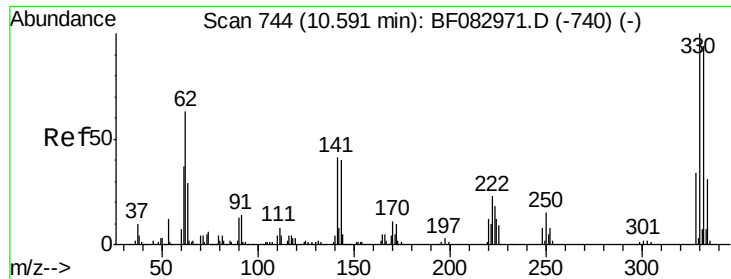
Tot Ion: 82 Resp: 1078214
 Ion Ratio Lower Upper
 82 100
 128 45.9 26.8 40.2#
 54 45.0 45.7 68.5#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF083013.D
 Acq: 18 Nov 2015 16:35

Tgt Ion:164 Resp: 339902
 Ion Ratio Lower Upper
 164 100
 162 100.9 84.9 127.3
 160 43.8 37.5 56.3

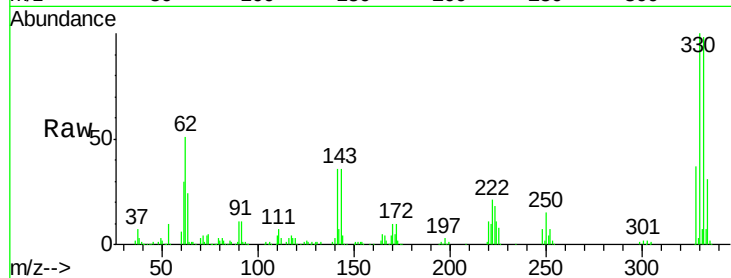




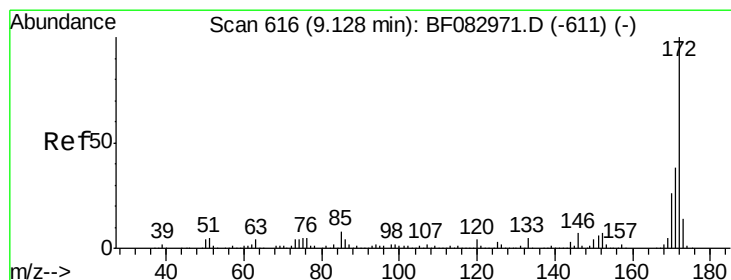
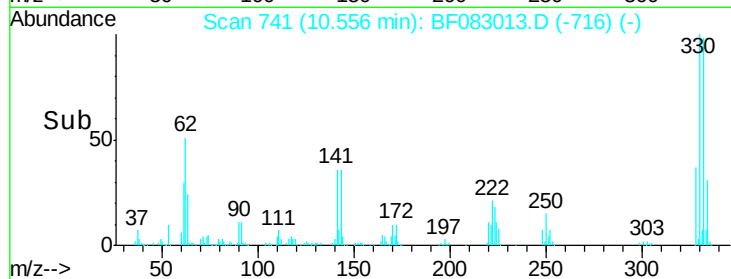
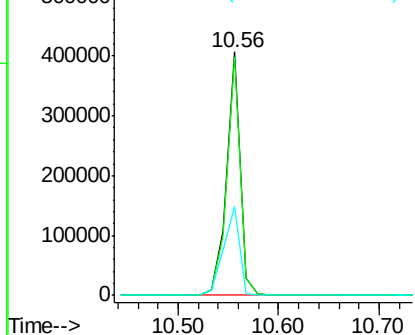
#41
 2,4,6-Tribromophenol
 Concen: 98.29 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF083013.D
 Acq: 18 Nov 2015 16:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86689BL

Tot Ion:330 Resp: 383048
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 42.2 41.2 61.8

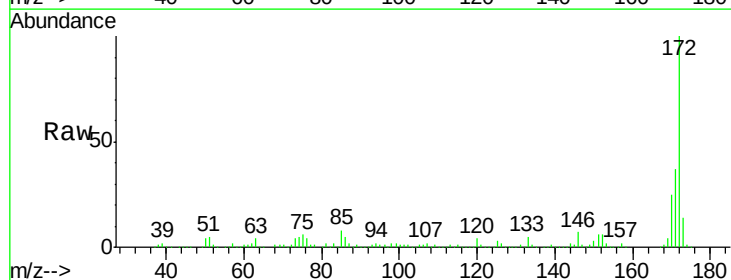


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

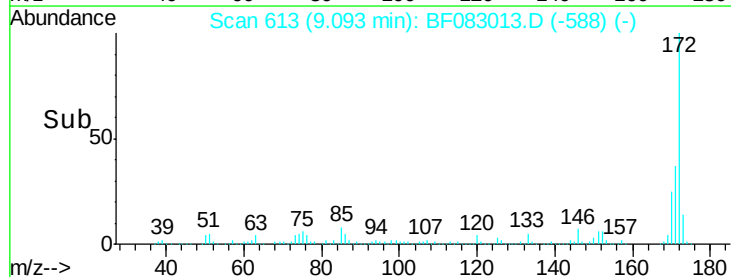
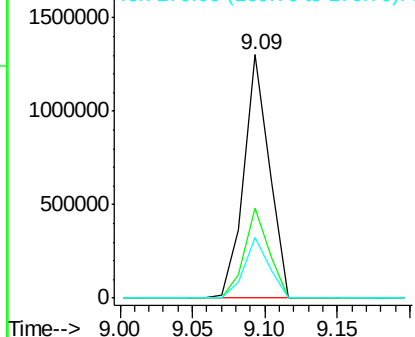


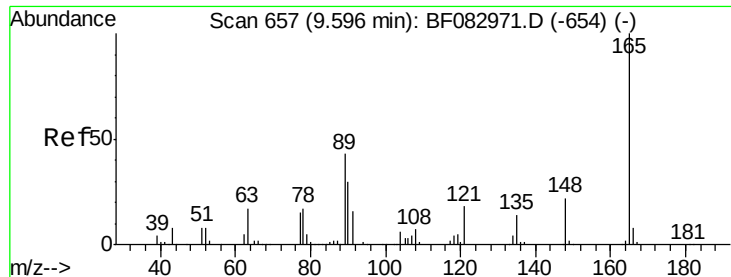
#44
 2-Fluorobiphenyl
 Concen: 66.91 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF083013.D
 Acq: 18 Nov 2015 16:35

Tgt Ion:172 Resp: 1586744
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.8 46.2
 170 24.9 21.2 31.8



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: 7.32 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.19 min

Lab File: BF083013.D

Acq: 18 Nov 2015 16:35

Instrument :

BNA_F

ClientSampled :

PB86689BL

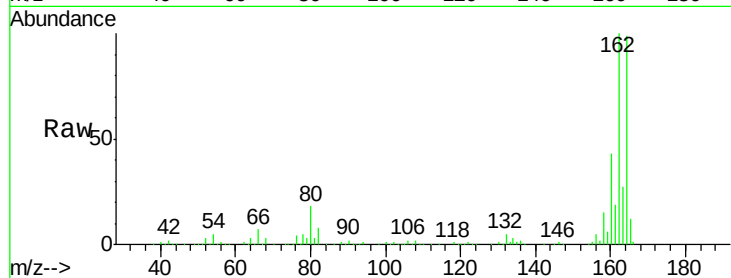
Tot Ion:165 Resp: 43470

Ion Ratio Lower Upper

165 100

63 1.1 55.5 83.3#

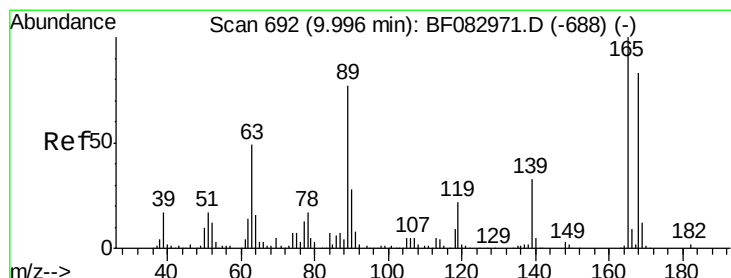
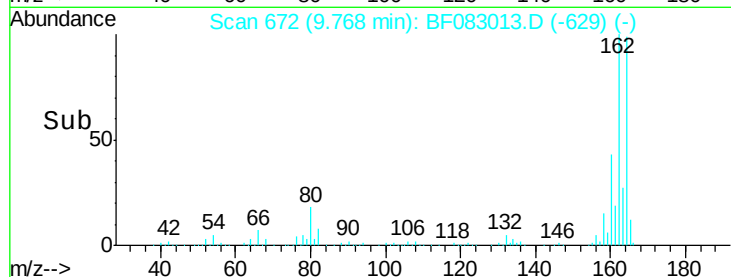
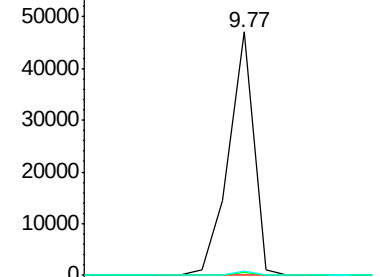
89 1.6 55.0 82.6#



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: 5.39 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.21 min

Lab File: BF083013.D

Acq: 18 Nov 2015 16:35

Tgt Ion:165 Resp: 43470

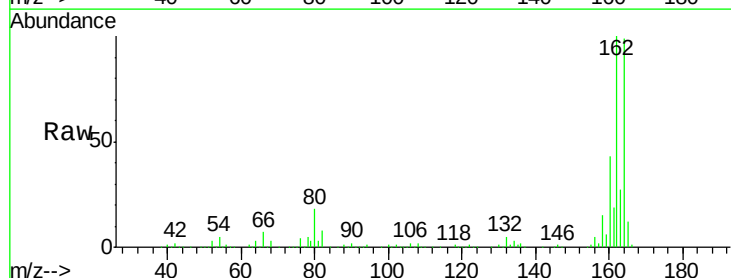
Ion Ratio Lower Upper

165 100

63 1.1 43.4 65.0#

89 1.6 70.6 106.0#

182 0.0 1.5 2.3#

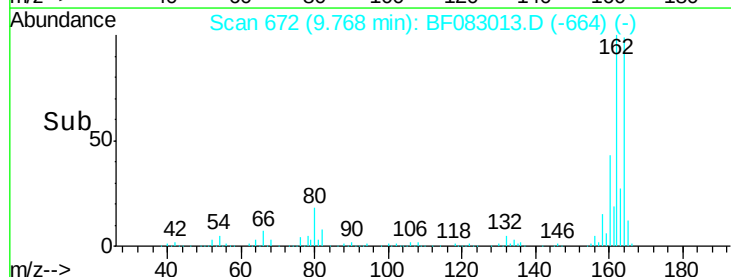
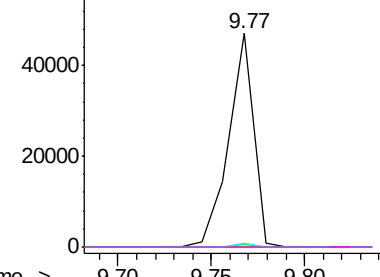


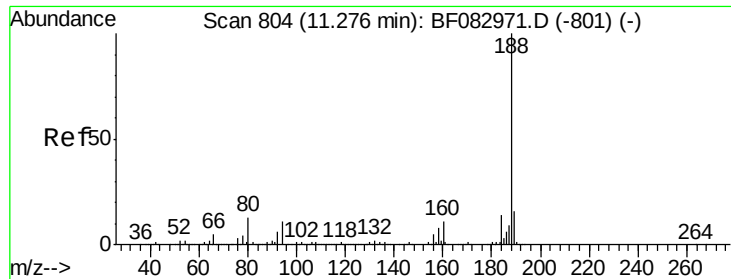
Abundance Ion 165.00 (164.70 to 165.70): E

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

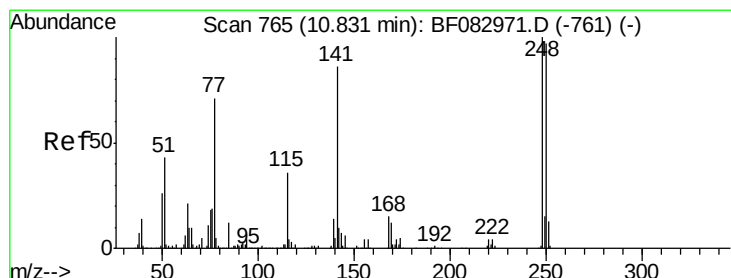
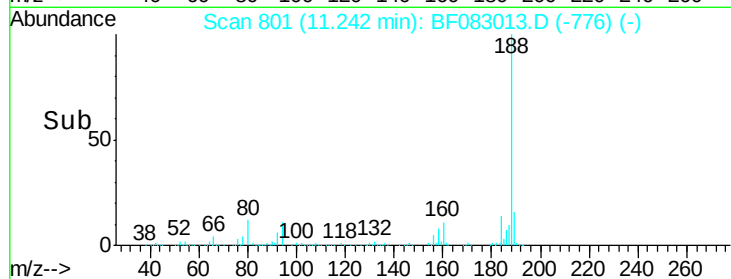
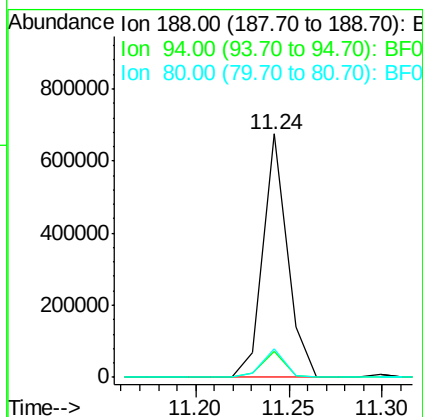
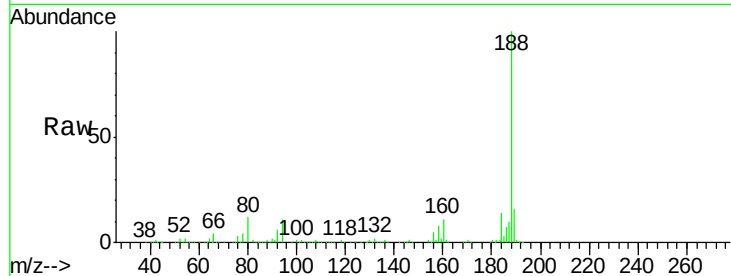




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF083013.D
Acq: 18 Nov 2015 16:35

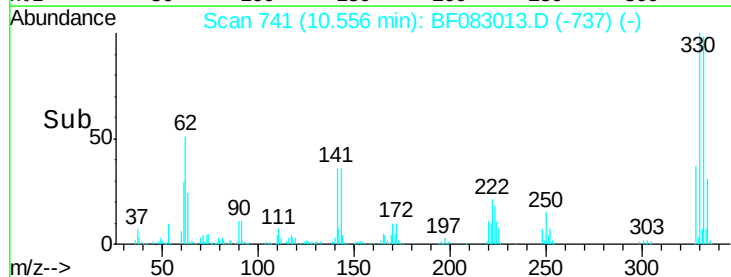
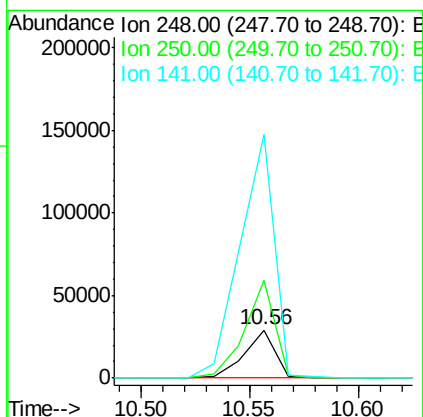
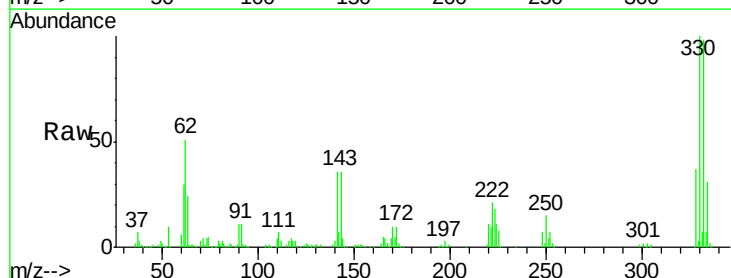
Instrument :
BNA_F
ClientSampleId :
PB86689BL

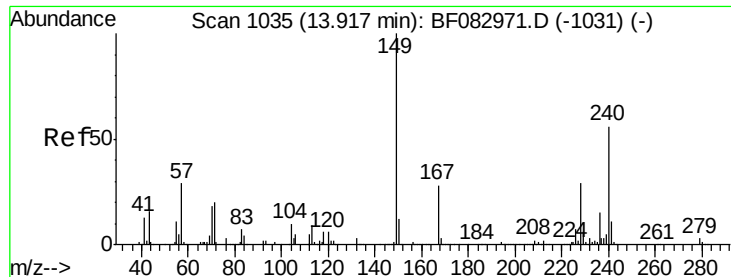
Tot Ion:188 Resp: 608324
Ion Ratio Lower Upper
188 100
94 10.7 6.1 9.1#
80 11.6 7.0 10.6#



#66
4-Bromophenyl-phenylether
Concen: 3.85 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.25 min
Lab File: BF083013.D
Acq: 18 Nov 2015 16:35

Tgt Ion:248 Resp: 28169
Ion Ratio Lower Upper
248 100
250 205.3 79.4 119.2#
141 509.7 36.3 54.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF083013.D

Acq: 18 Nov 2015 16:35

Instrument :

BNA_F

ClientSampleId :

PB86689BL

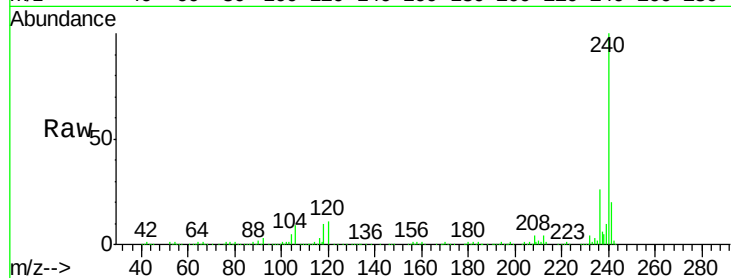
Tot Ion:240 Resp: 598888

Ion Ratio Lower Upper

240 100

120 11.0 10.9 16.3

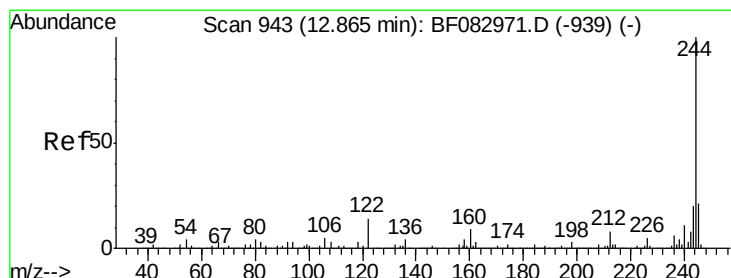
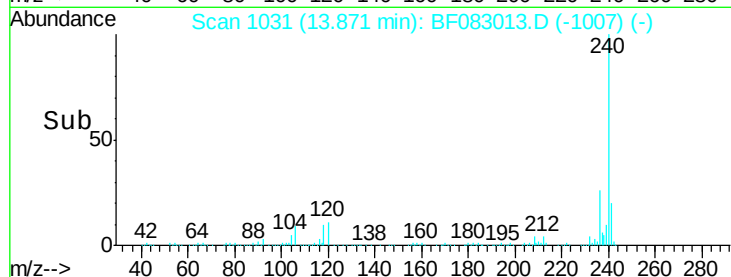
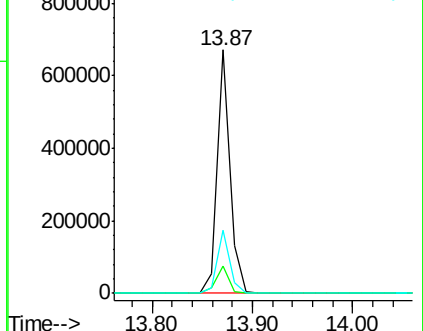
236 26.0 21.6 32.4



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: 71.90 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF083013.D

Acq: 18 Nov 2015 16:35

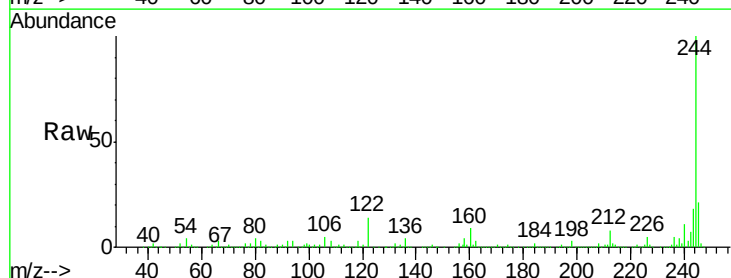
Tgt Ion:244 Resp: 1815484

Ion Ratio Lower Upper

244 100

212 8.0 7.6 11.4

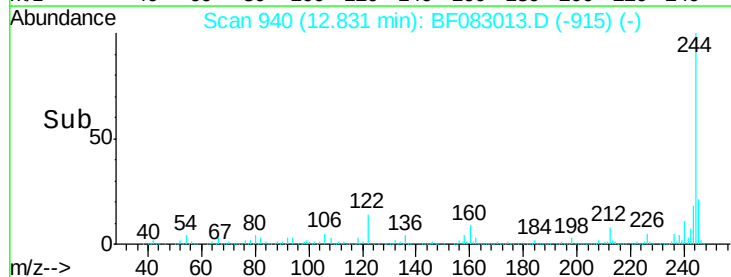
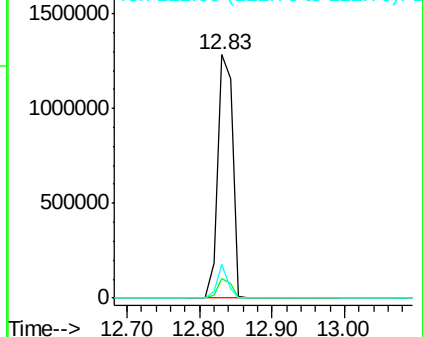
122 13.8 11.3 16.9

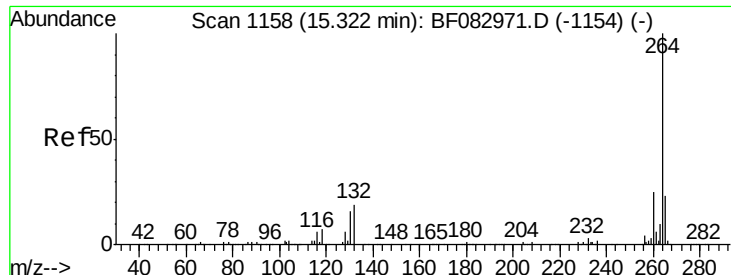


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

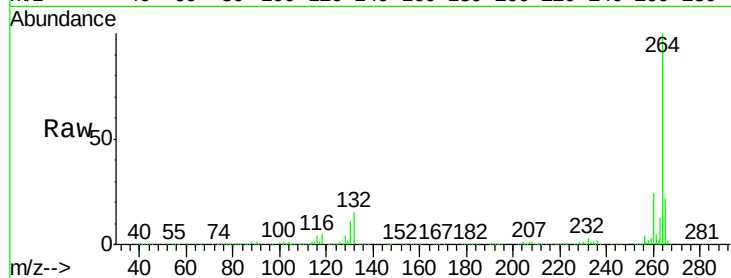




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF083013.D
Acq: 18 Nov 2015 16:35

Instrument :
BNA_F
ClientSampleId :
PB86689BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	21.8	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

