

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111815\
 Data File : BF083014.D
 Acq On : 18 Nov 2015 17:04
 Operator : UM/IZ
 Sample : PB86689TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86689TB

Quant Time: Nov 19 01:46:36 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

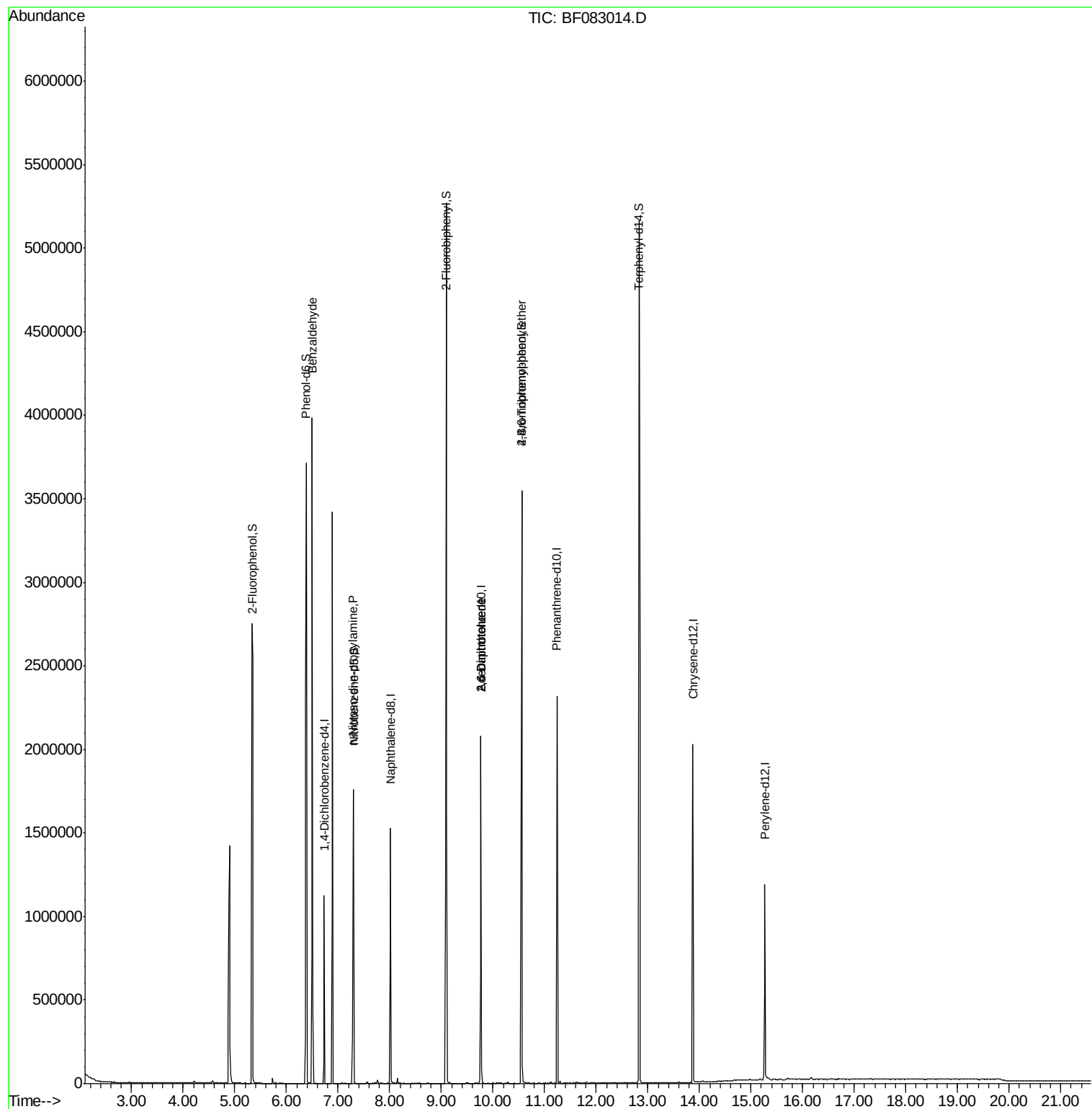
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	148260	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	821369	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	429555	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	770345	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	686561	20.00	ng	-0.02
86) Perylene-d12	15.27	264	522295	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1099043	115.34	ng	0.01
7) Phenol-d6	6.38	99	1526154	120.48	ng	-0.01
23) Nitrobenzene-d5	7.30	82	931700	49.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	453960	92.17	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1905697	63.58	ng	-0.01
78) Terphenyl-d14	12.83	244	1978930	68.36	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.50	77	25409	3.63	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.29	70	123120	13.22	ng	# 69
50) 2,6-Dinitrotoluene	9.77	165	55214	7.35	ng	# 17
56) 2,4-Dinitrotoluene	9.77	165	55214	5.42	ng	# 15
66) 4-Bromophenyl-phenylether	10.56	248	32575	3.51	ng	# 1

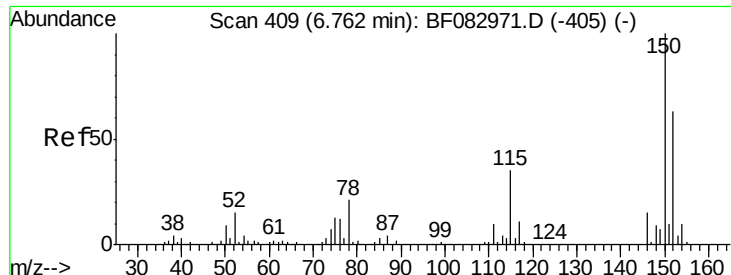
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 18 13:32:32 2015
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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: BF083014.D

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BNA_F

ClientSampleId :

PB86689TB

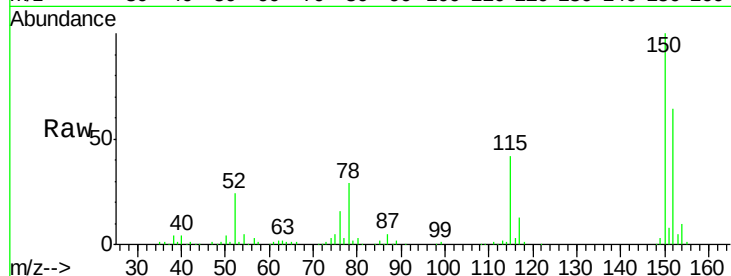
Tot Ion:152 Resp: 148260

Ion Ratio Lower Upper

152 100

150 155.5 127.0 190.4

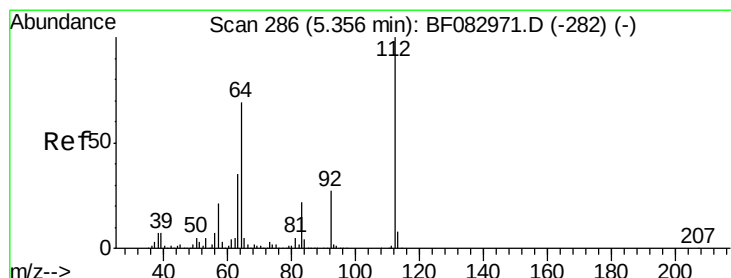
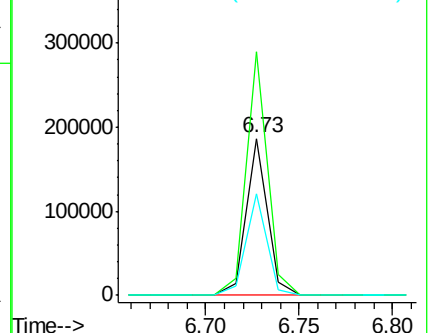
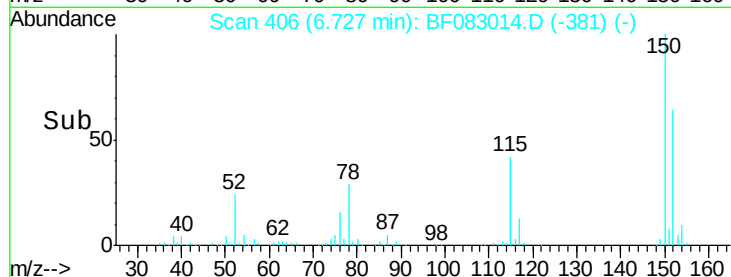
115 65.0 47.0 70.6



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: 115.34 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF083014.D

Acq: 18 Nov 2015 17:04

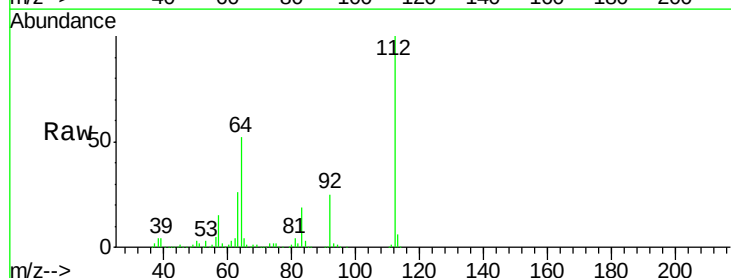
Tgt Ion:112 Resp: 1099043

Ion Ratio Lower Upper

112 100

64 51.7 48.9 73.3

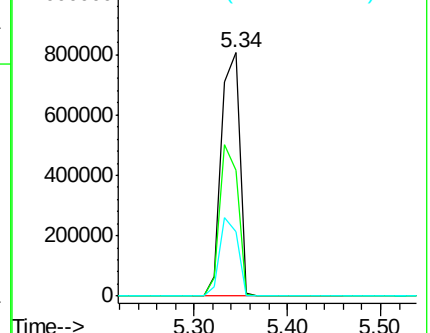
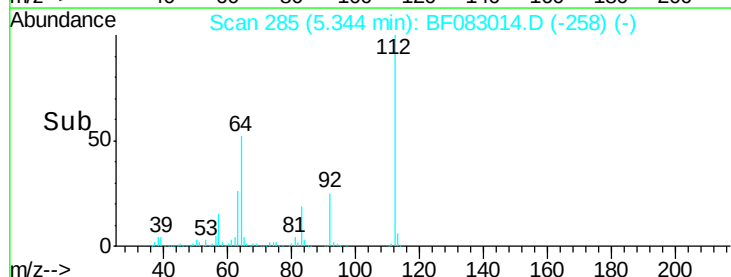
63 26.4 28.1 42.1#

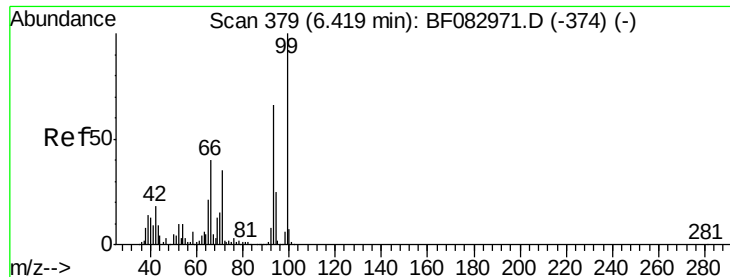


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.48 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF083014.D

Acq: 18 Nov 2015 17:04

Instrument :

BNA_F

ClientSampleId :

PB86689TB

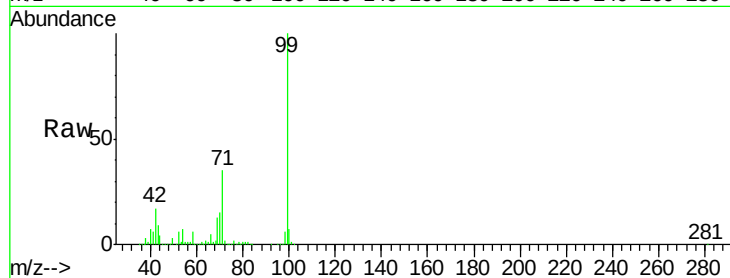
Tot Ion: 99 Resp: 1526154

Ion Ratio Lower Upper

99 100

42 17.5 19.2 28.8#

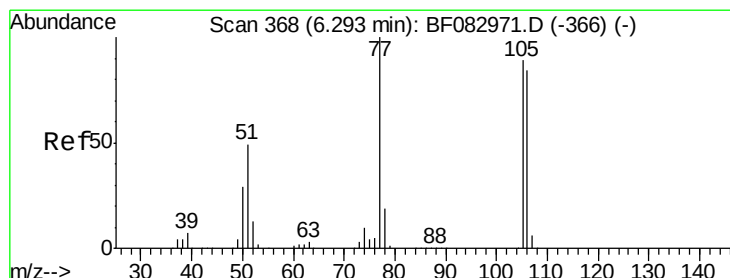
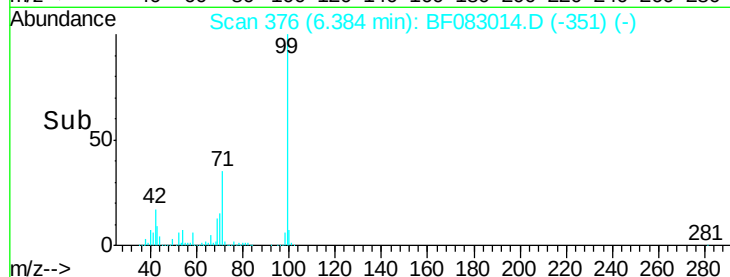
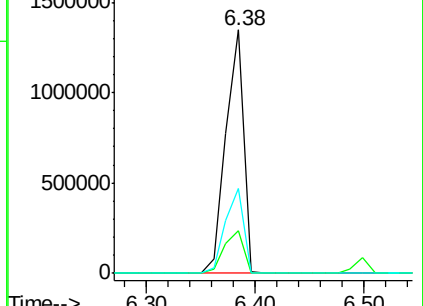
71 34.8 35.0 52.4#



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: 3.63 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.23 min

Lab File: BF083014.D

Acq: 18 Nov 2015 17:04

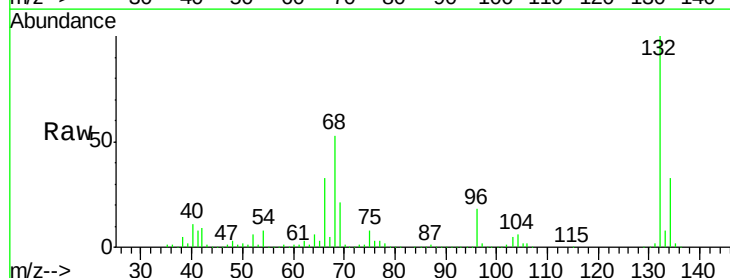
Tgt Ion: 77 Resp: 25409

Ion Ratio Lower Upper

77 100

105 72.1 63.5 103.5

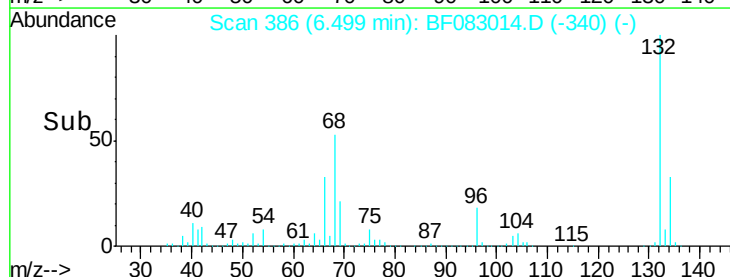
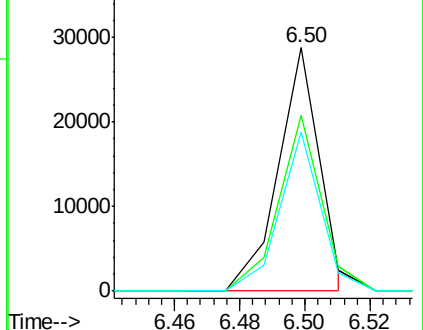
106 65.3 59.3 99.3

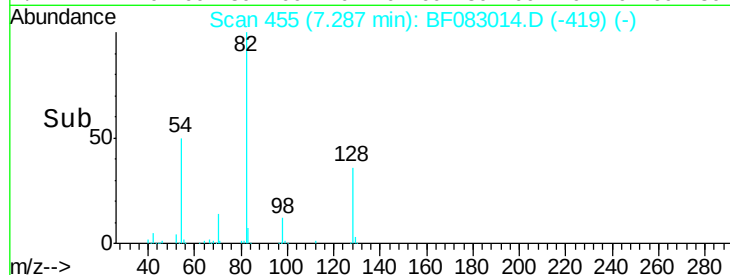
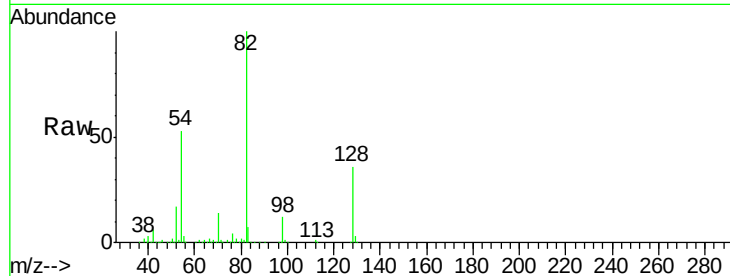
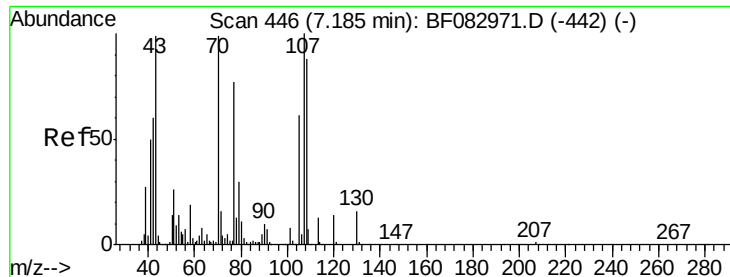


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

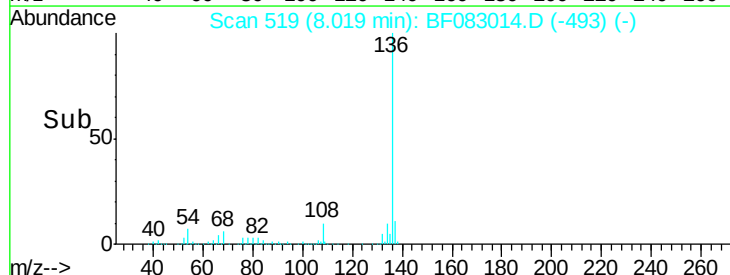
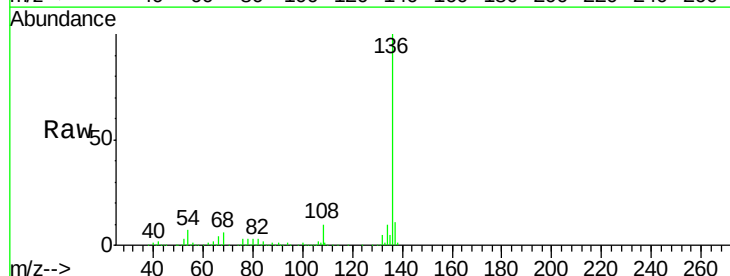
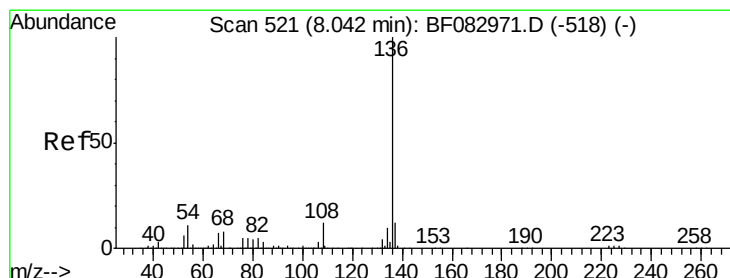
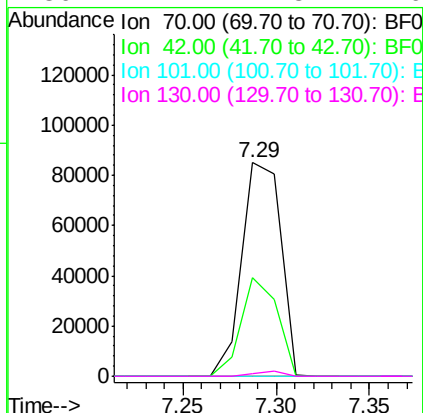




#19
n-Nitroso-di-n-propylamine
Concen: 13.22 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.11 min
Lab File: BF083014.D
Acq: 18 Nov 2015 17:04

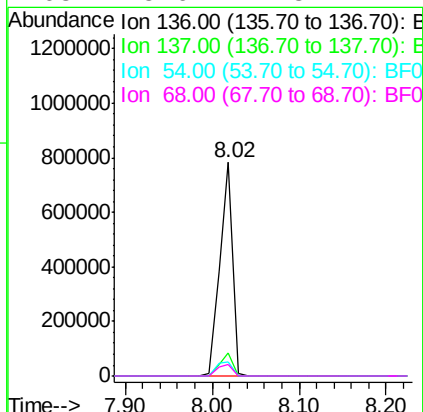
Instrument :
BNA_F
ClientSampleId :
PB86689TB

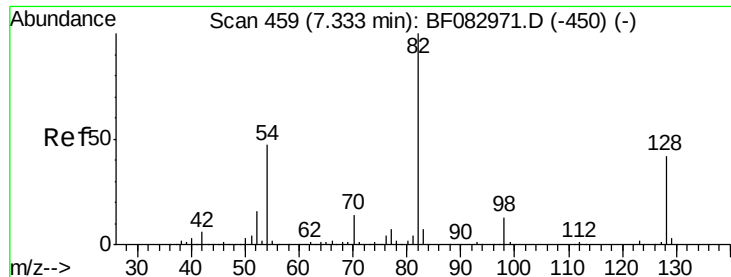
Tot Ion:	70	Resp:	123120
Ion	Ratio	Lower	Upper
70	100		
42	46.0	57.7	86.5#
101	0.0	7.0	10.6#
130	1.4	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF083014.D
Acq: 18 Nov 2015 17:04

Tgt Ion:	136	Resp:	821369
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.9	9.1	13.7#
68	5.6	4.8	7.2

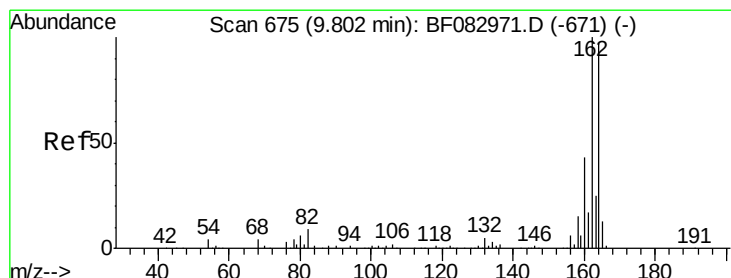
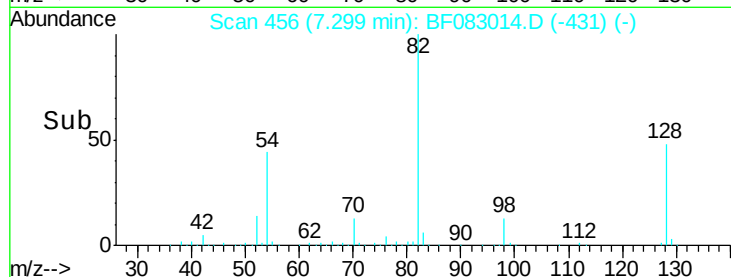
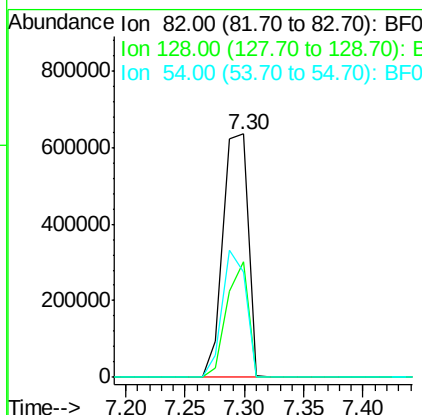
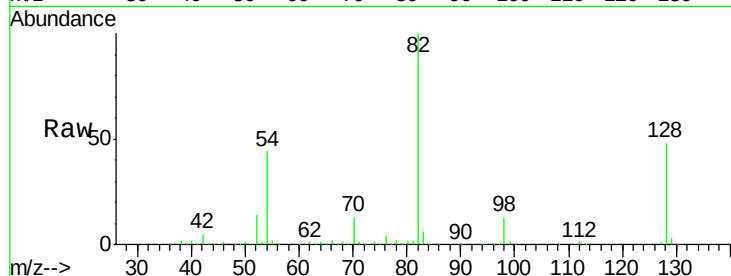




#23
 Nitrobenzene-d5
 Concen: 49.36 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF083014.D
 Acq: 18 Nov 2015 17:04

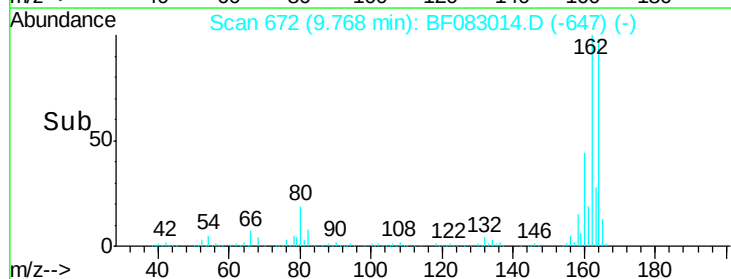
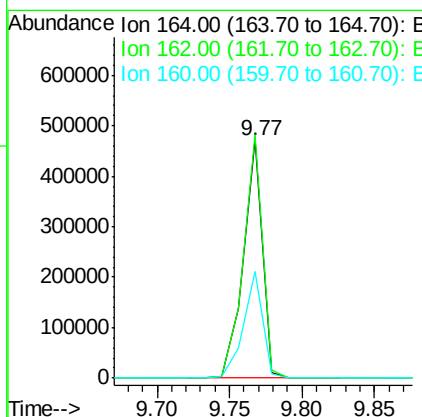
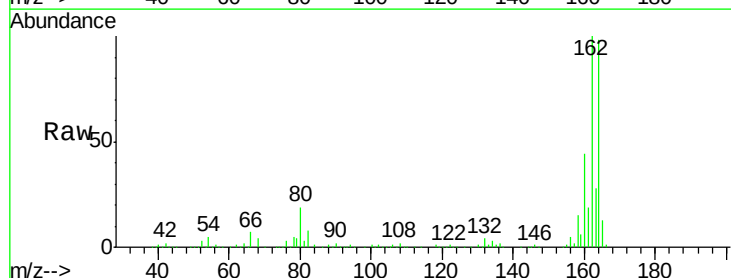
Instrument :
 BNA_F
 ClientSampleId :
 PB86689TB

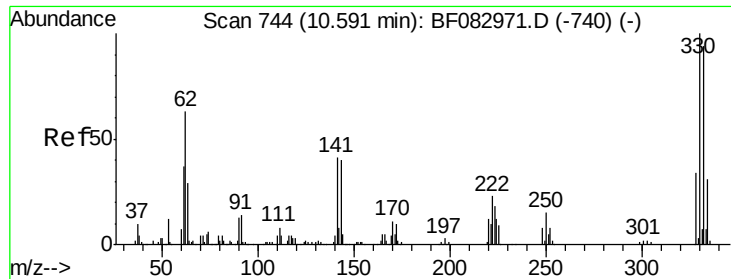
Tot Ion: 82 Resp: 931700
 Ion Ratio Lower Upper
 82 100
 128 47.7 26.8 40.2#
 54 43.5 45.7 68.5#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF083014.D
 Acq: 18 Nov 2015 17:04

Tgt Ion:164 Resp: 429555
 Ion Ratio Lower Upper
 164 100
 162 102.2 84.9 127.3
 160 44.8 37.5 56.3

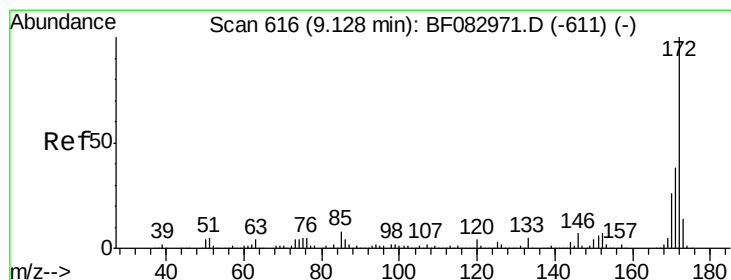
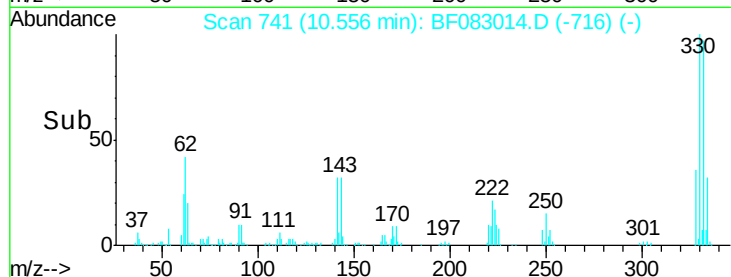
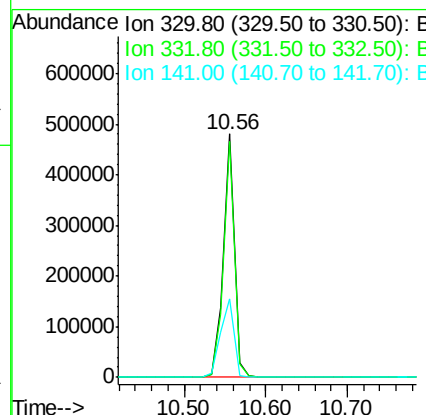
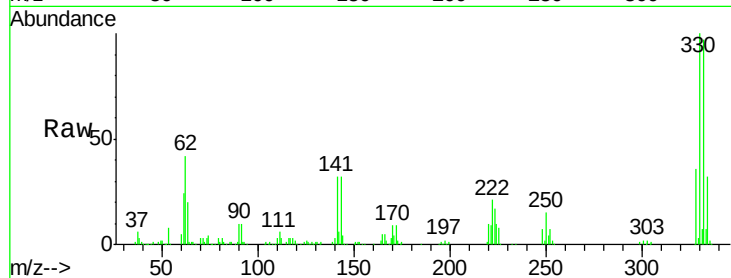




#41
 2,4,6-Tribromophenol
 Concen: 92.17 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF083014.D
 Acq: 18 Nov 2015 17:04

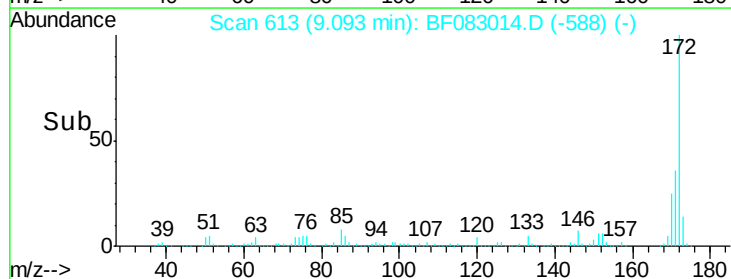
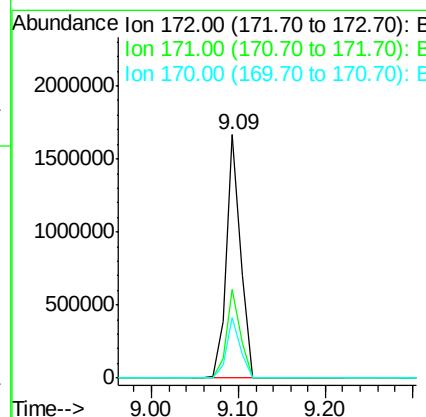
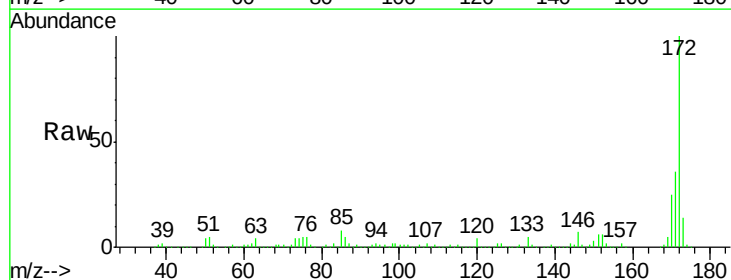
Instrument :
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 ClientSampleId :
 PB86689TB

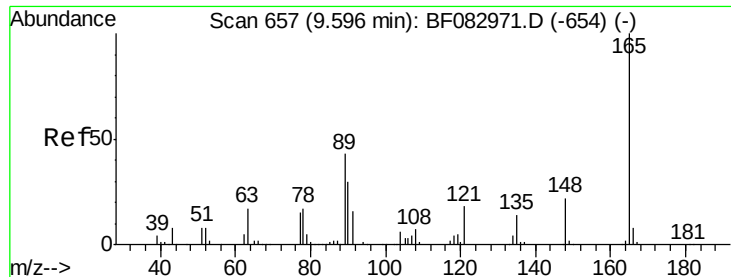
Tot Ion:330 Resp: 453960
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 38.9 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 63.58 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF083014.D
 Acq: 18 Nov 2015 17:04

Tgt Ion:172 Resp: 1905697
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.8 46.2
 170 24.8 21.2 31.8





#50

2,6-Dinitrotoluene

Concen: 7.35 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.19 min

Lab File: BF083014.D

Acq: 18 Nov 2015 17:04

Instrument :

BNA_F

ClientSampleId :

PB86689TB

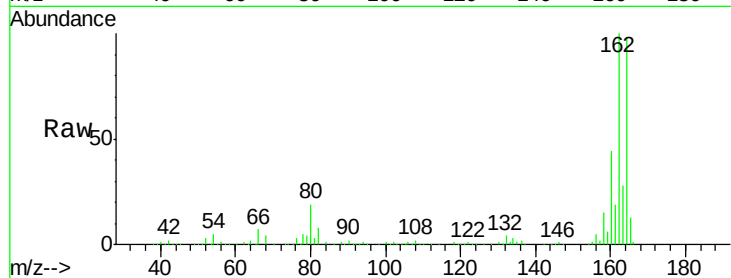
Tot Ion:165 Resp: 55214

Ion Ratio Lower Upper

165 100

63 1.1 55.5 83.3#

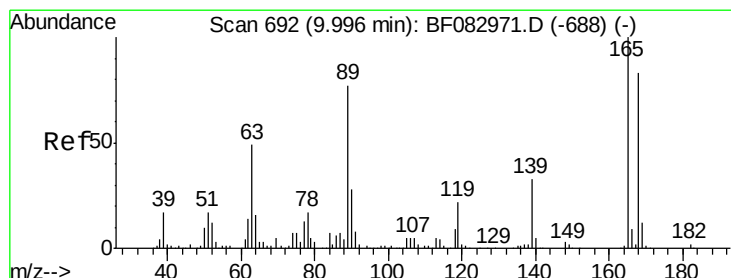
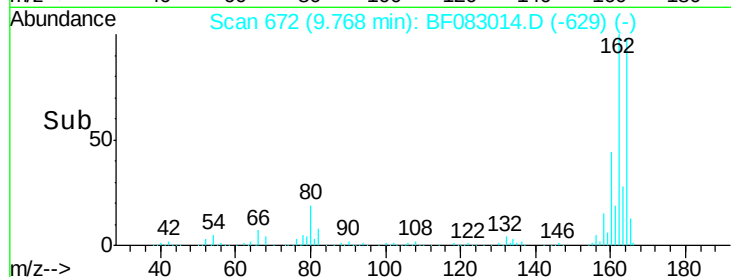
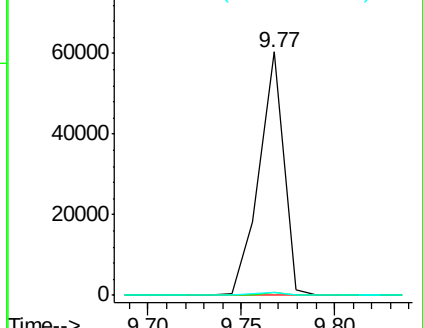
89 1.3 55.0 82.6#



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: 5.42 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.21 min

Lab File: BF083014.D

Acq: 18 Nov 2015 17:04

Tgt Ion:165 Resp: 55214

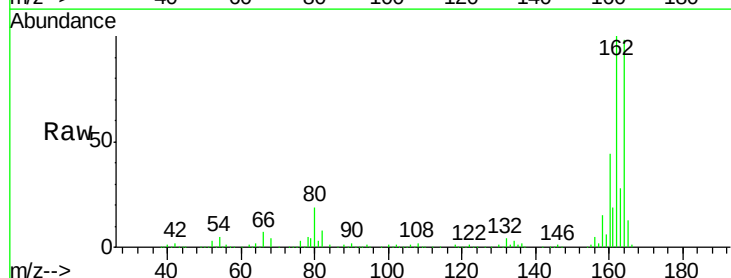
Ion Ratio Lower Upper

165 100

63 1.1 43.4 65.0#

89 1.3 70.6 106.0#

182 0.0 1.5 2.3#

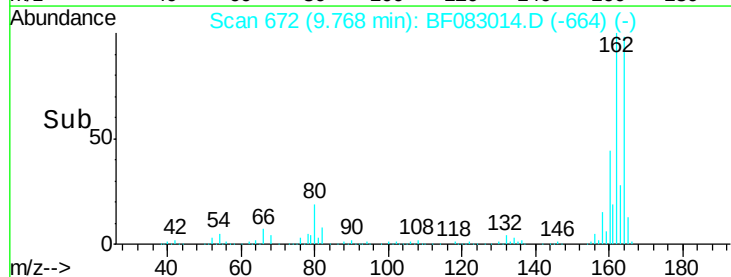
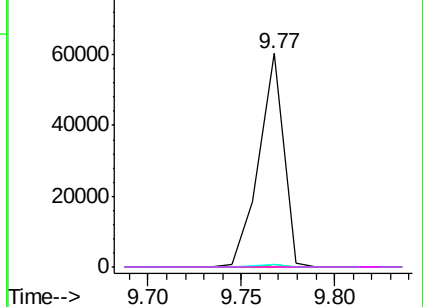


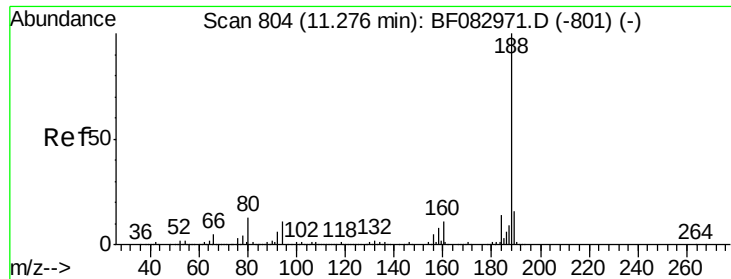
Abundance Ion 165.00 (164.70 to 165.70): E

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

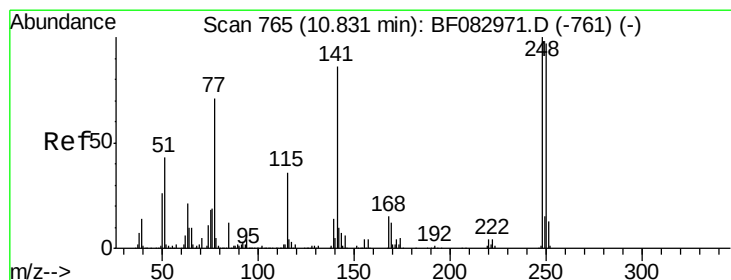
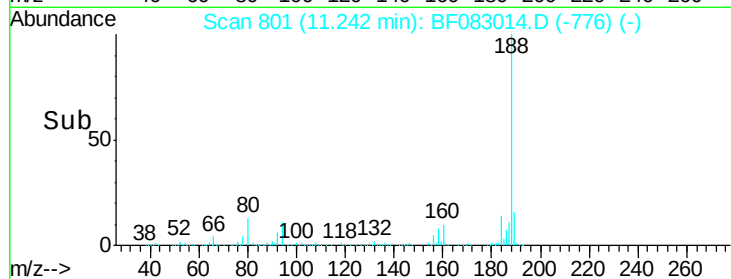
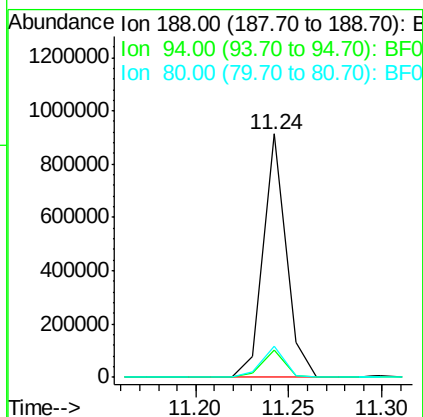
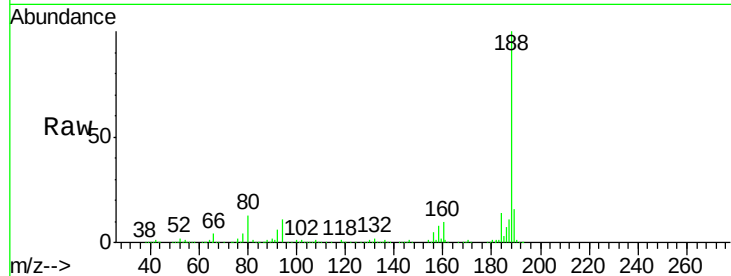




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF083014.D
 Acq: 18 Nov 2015 17:04

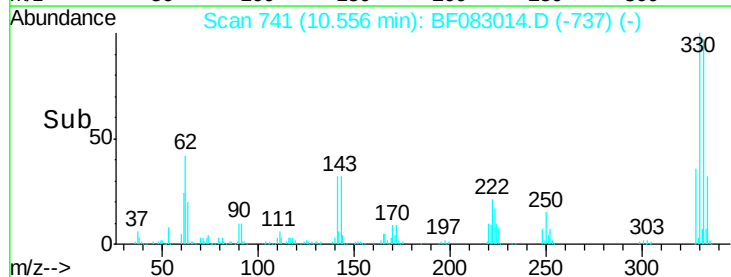
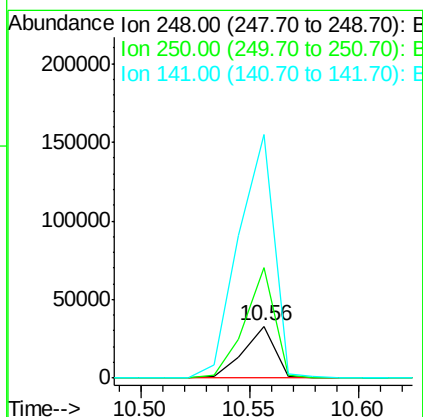
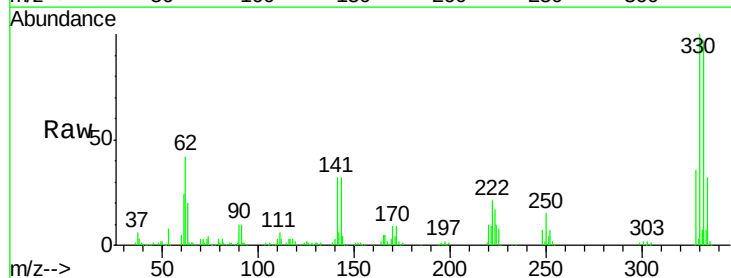
Instrument :
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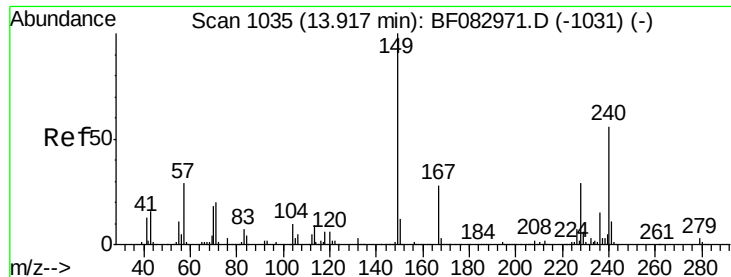
Tot Ion:188 Resp: 770345
 Ion Ratio Lower Upper
 188 100
 94 11.2 6.1 9.1#
 80 12.7 7.0 10.6#



#66
 4-Bromophenyl-phenylether
 Concen: 3.51 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.25 min
 Lab File: BF083014.D
 Acq: 18 Nov 2015 17:04

Tgt Ion:248 Resp: 32575
 Ion Ratio Lower Upper
 248 100
 250 213.3 79.4 119.2#
 141 470.8 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: BF083014.D

Acq: 18 Nov 2015 17:04

Instrument :

BNA_F

ClientSampleId :

PB86689TB

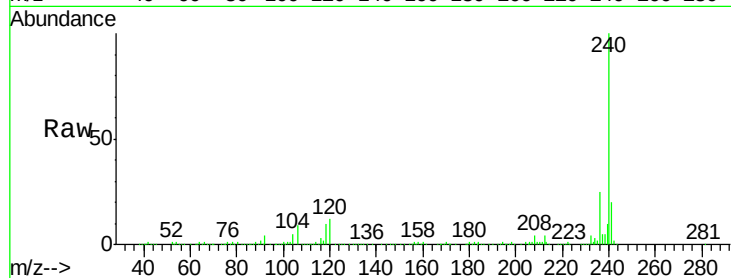
Tot Ion:240 Resp: 686561

Ion Ratio Lower Upper

240 100

120 12.3 10.9 16.3

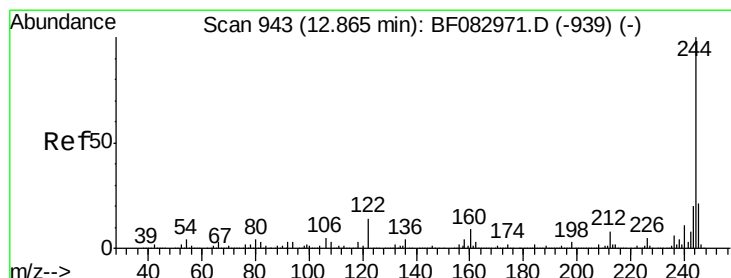
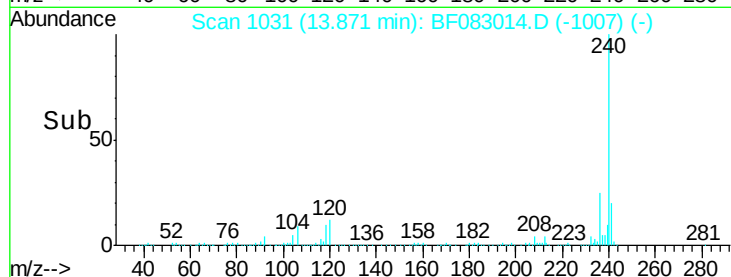
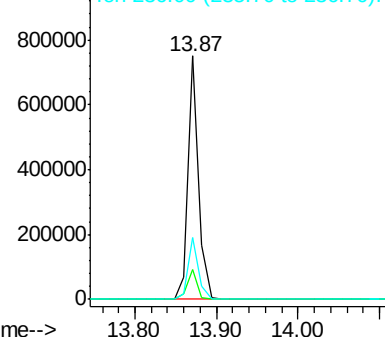
236 25.2 21.6 32.4



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: 68.36 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF083014.D

Acq: 18 Nov 2015 17:04

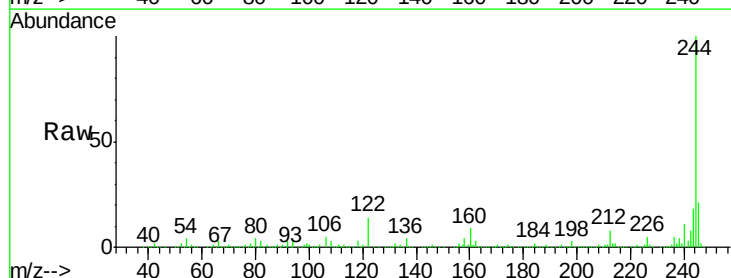
Tgt Ion:244 Resp: 1978930

Ion Ratio Lower Upper

244 100

212 8.1 7.6 11.4

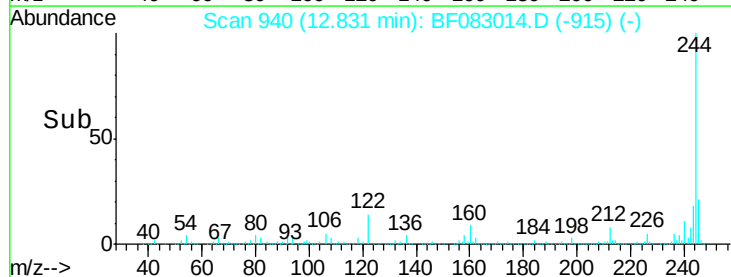
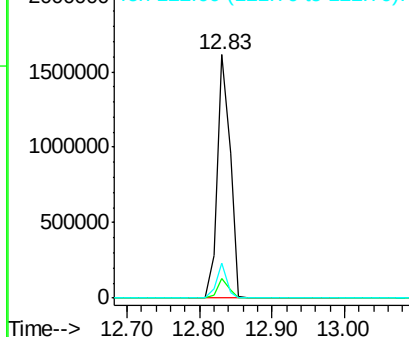
122 14.5 11.3 16.9

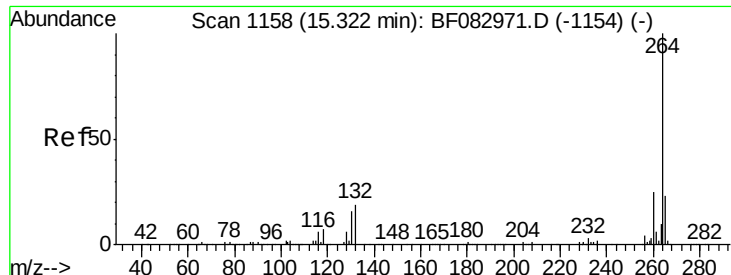


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

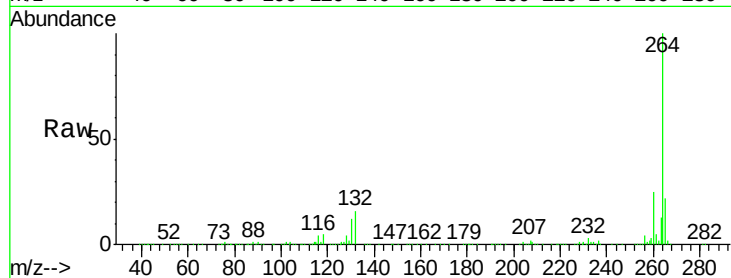




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF083014.D
Acq: 18 Nov 2015 17:04

Instrument :
BNA_F
ClientSampleId :
PB86689TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.8	29.6
265	21.6	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

