

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111815\
 Data File : BF083012.D
 Acq On : 18 Nov 2015 16:06
 Operator : UM/IZ
 Sample : PB86622BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86622BL

Quant Time: Nov 19 01:46:08 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

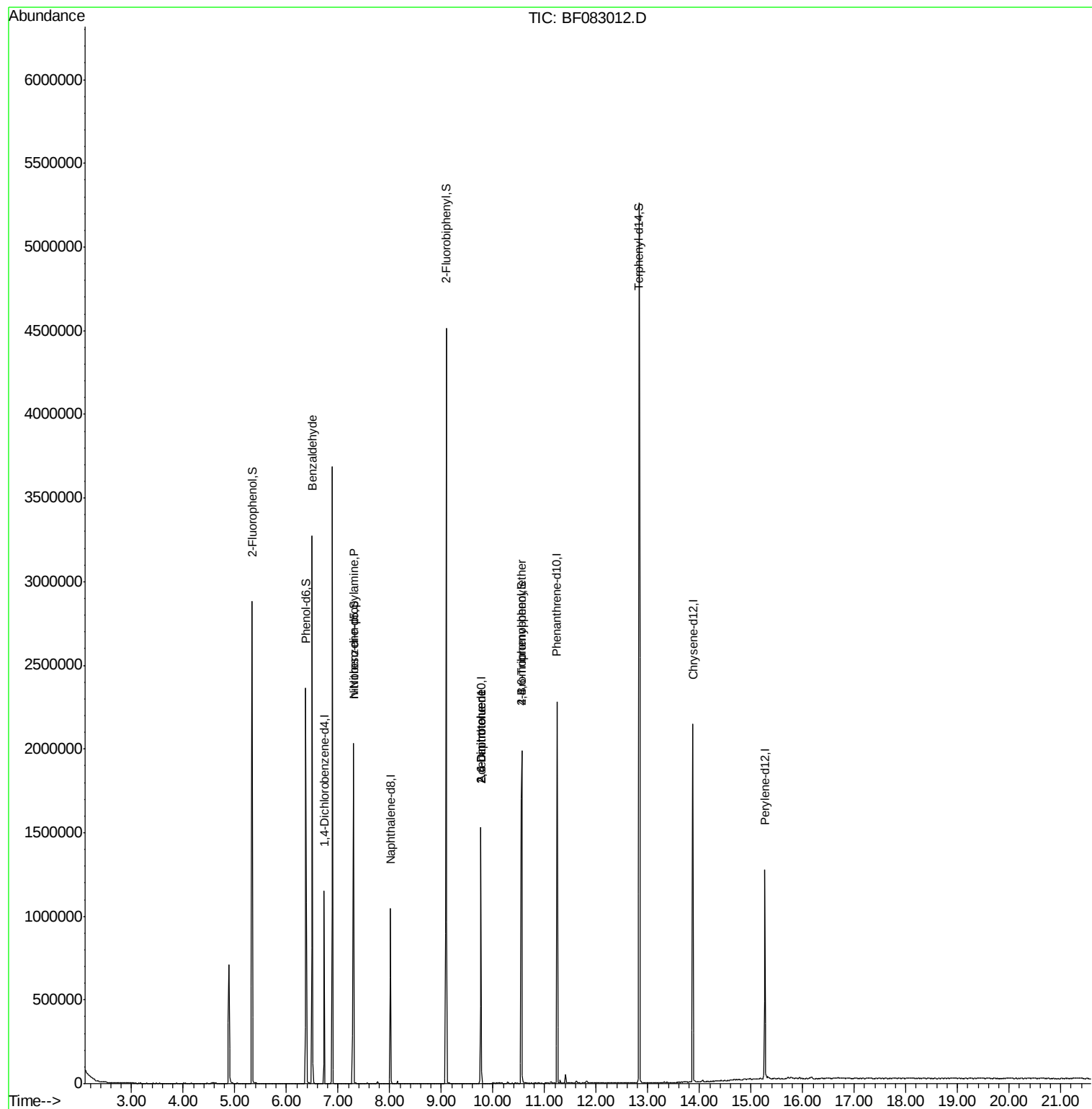
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	149365	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	577805	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	312588	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	776744	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	706320	20.00	ng	-0.02
86) Perylene-d12	15.27	264	553532	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	721512	75.16	ng	0.00
7) Phenol-d6	6.37	99	963676	75.51	ng	-0.02
23) Nitrobenzene-d5	7.30	82	998901	75.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	344360	96.08	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1474531	67.61	ng	-0.01
78) Terphenyl-d14	12.83	244	2041789	68.56	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	20456	2.90	ng	90
19) n-Nitroso-di-n-propylamine	7.30	70	131775	14.05	ng	# 61
50) 2,6-Dinitrotoluene	9.77	165	40786	7.46	ng	# 17
56) 2,4-Dinitrotoluene	9.77	165	40786	5.50	ng	# 15
66) 4-Bromophenyl-phenylether	10.56	248	22901	2.45	ng	# 1

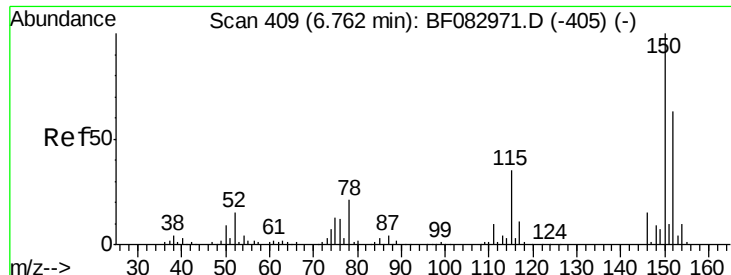
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 18 13:32:32 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF083012.D

Acq: 18 Nov 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB86622BL

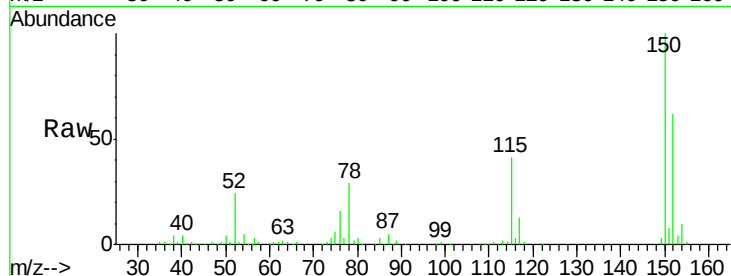
Tot Ion:152 Resp: 149365

Ion Ratio Lower Upper

152 100

150 160.0 127.0 190.4

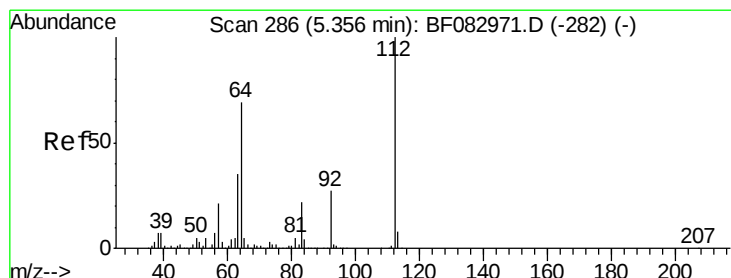
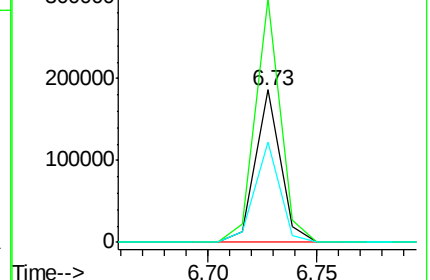
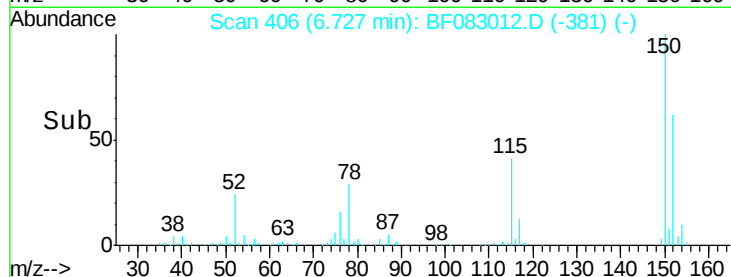
115 65.8 47.0 70.6



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: 75.16 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.00 min

Lab File: BF083012.D

Acq: 18 Nov 2015 16:06

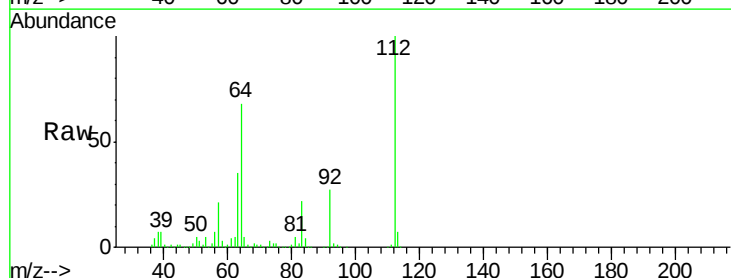
Tgt Ion:112 Resp: 721512

Ion Ratio Lower Upper

112 100

64 68.0 48.9 73.3

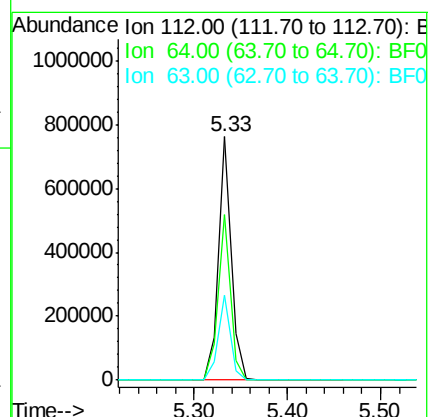
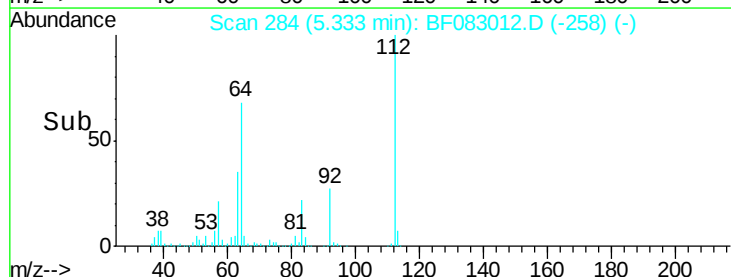
63 35.1 28.1 42.1

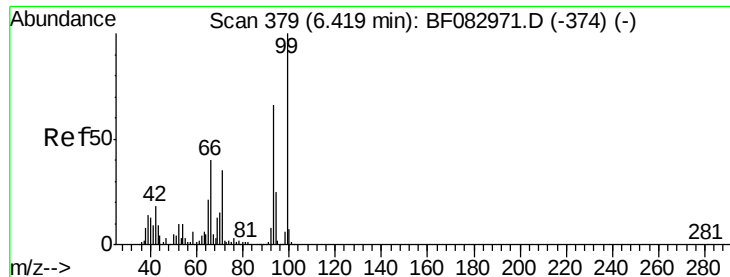


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 75.51 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF083012.D

Acq: 18 Nov 2015 16:06

Instrument :

BNA_F

ClientSampled :

PB86622BL

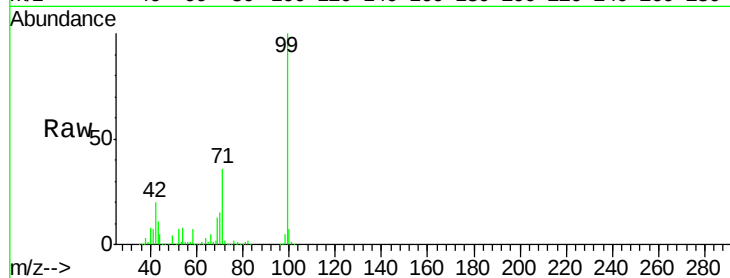
Tot Ion: 99 Resp: 963676

Ion Ratio Lower Upper

99 100

42 20.4 19.2 28.8

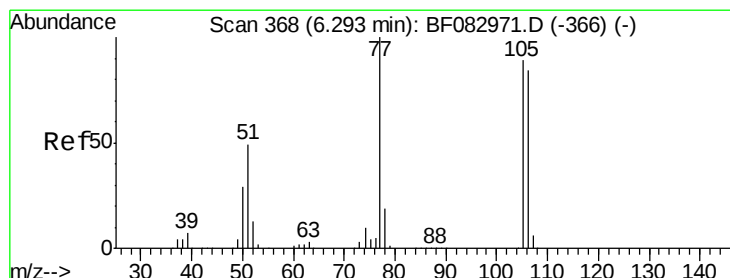
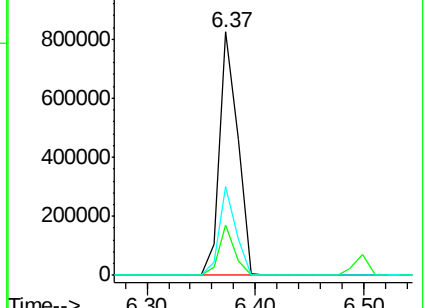
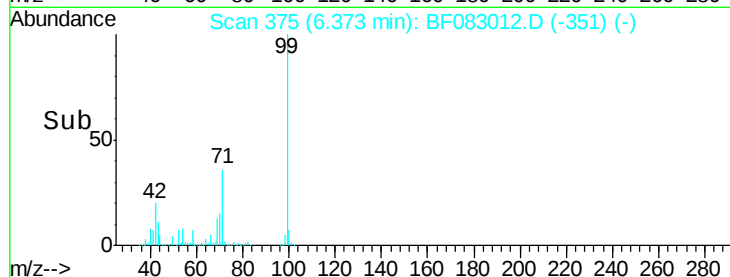
71 36.5 35.0 52.4



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: 2.90 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.23 min

Lab File: BF083012.D

Acq: 18 Nov 2015 16:06

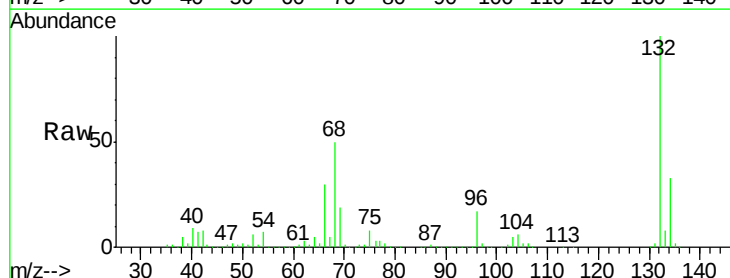
Tgt Ion: 77 Resp: 20456

Ion Ratio Lower Upper

77 100

105 77.4 63.5 103.5

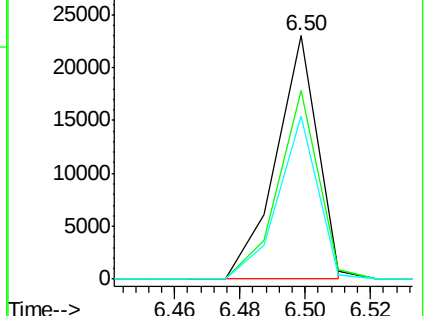
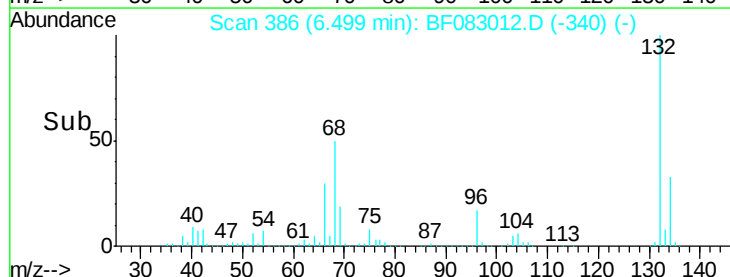
106 67.2 59.3 99.3

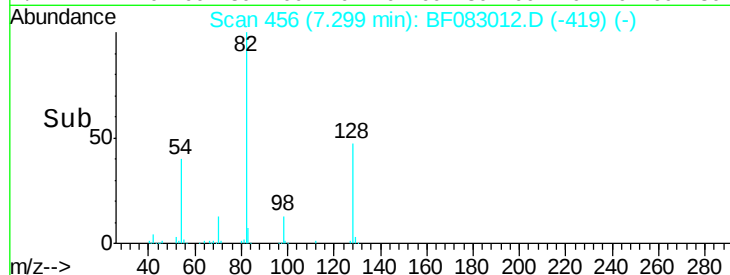
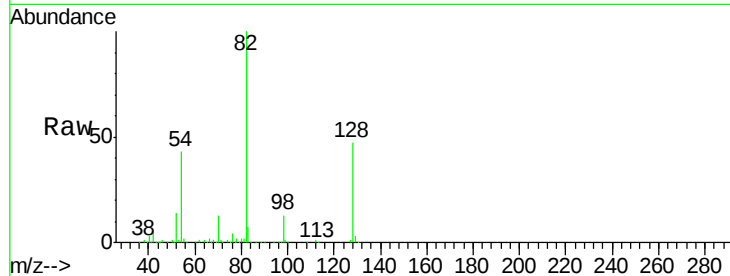
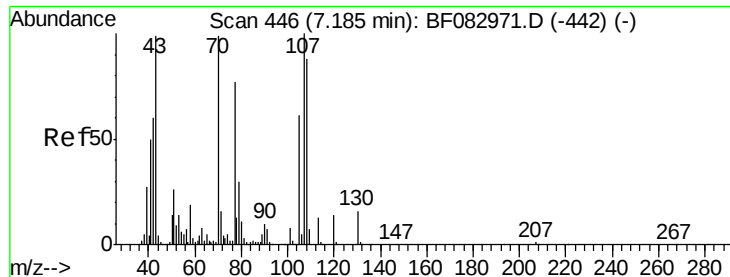


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

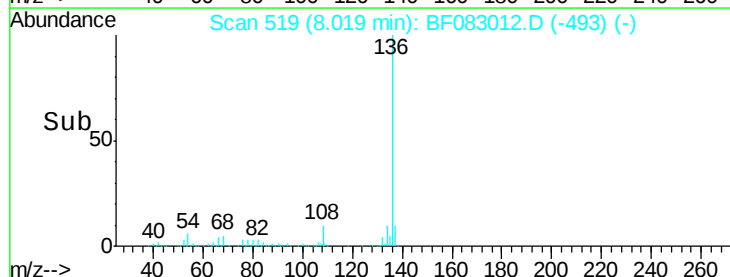
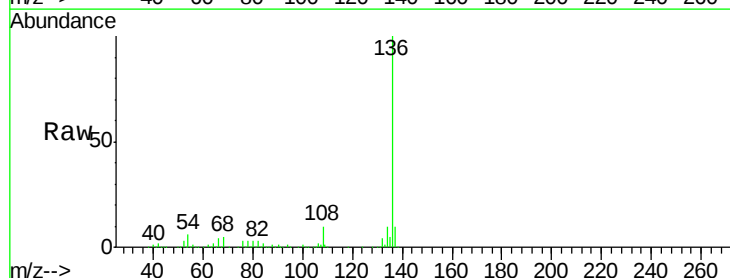
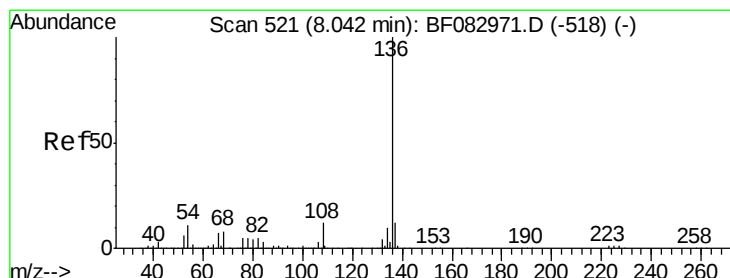
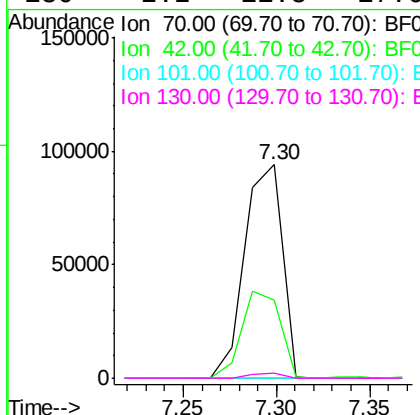




#19
n-Nitroso-di-n-propylamine
Concen: 14.05 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.13 min
Lab File: BF083012.D
Acq: 18 Nov 2015 16:06

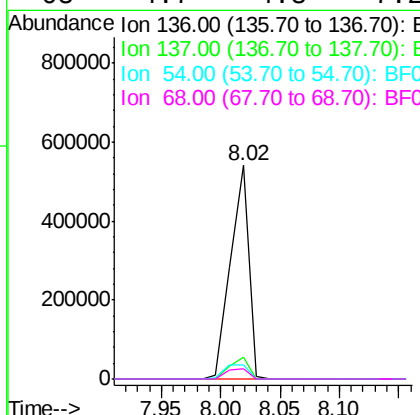
Instrument :
BNA_F
ClientSampleId :
PB86622BL

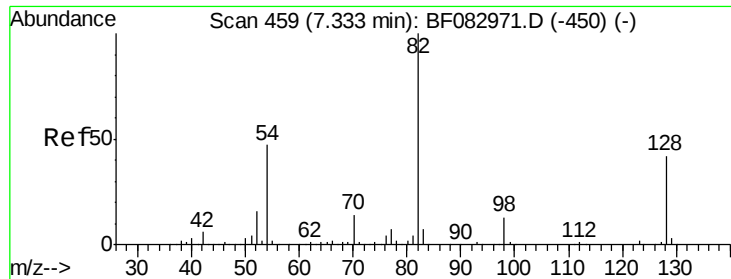
Tot Ion:	70	Resp:	131775
Ion	Ratio	Lower	Upper
70	100		
42	36.6	57.7	86.5#
101	0.0	7.0	10.6#
130	2.2	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF083012.D
Acq: 18 Nov 2015 16:06

Tgt Ion:	136	Resp:	577805
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	6.5	9.1	13.7#
68	4.7	4.8	7.2#

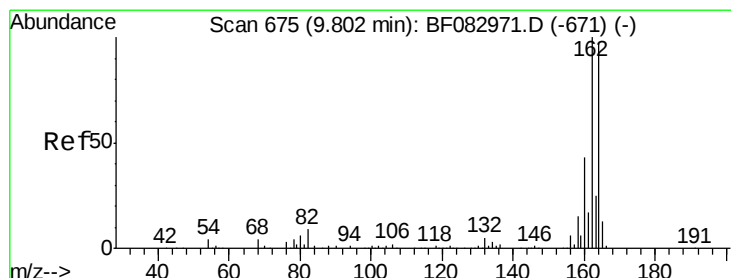
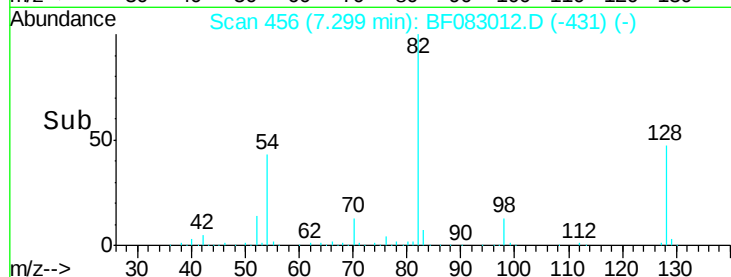
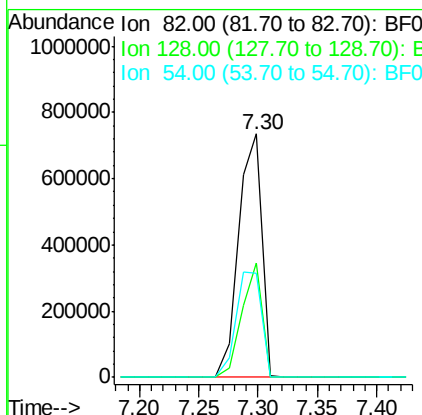
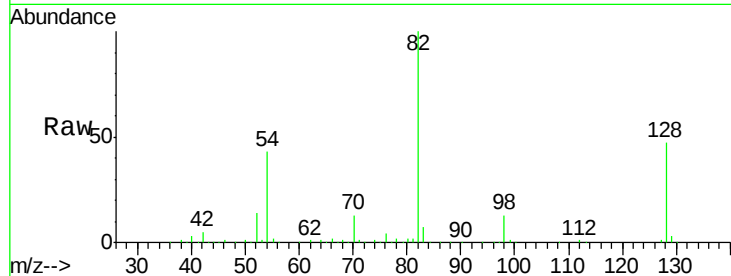




#23
 Nitrobenzene-d5
 Concen: 75.22 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF083012.D
 Acq: 18 Nov 2015 16:06

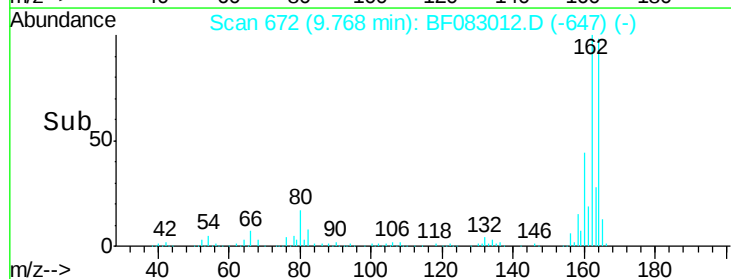
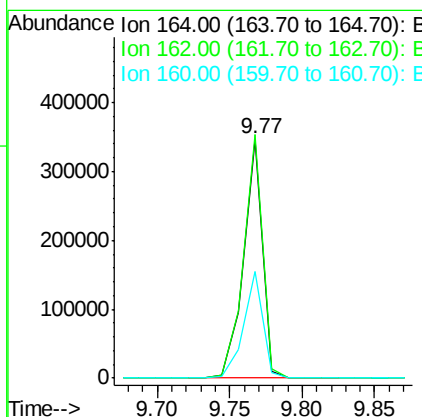
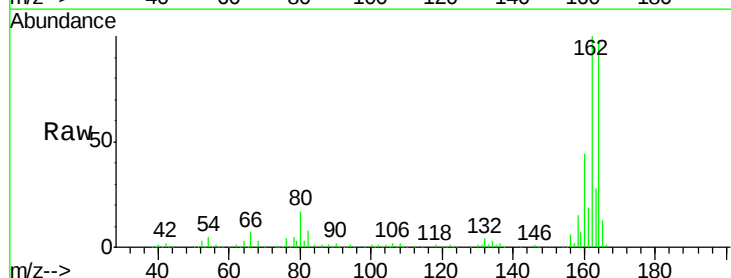
Instrument :
 BNA_F
 ClientSampleID :
 PB86622BL

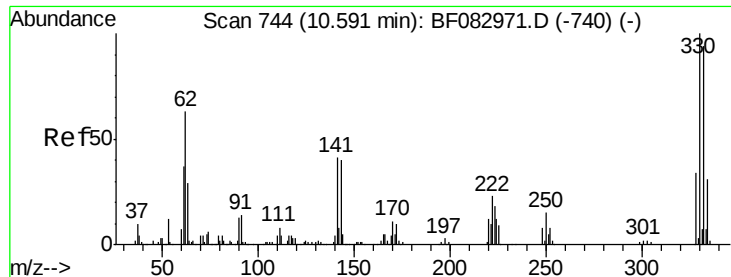
Tot Ion	82	Resp	998901
Ion Ratio	100		
128	46.8	26.8	40.2#
54	43.0	45.7	68.5#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF083012.D
 Acq: 18 Nov 2015 16:06

Tgt Ion	164	Resp	312588
Ion Ratio	100		
162	102.1	84.9	127.3
160	44.8	37.5	56.3

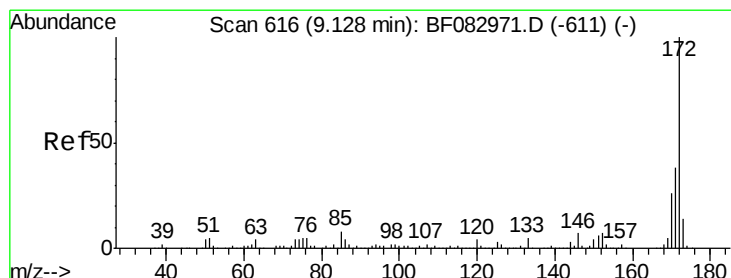
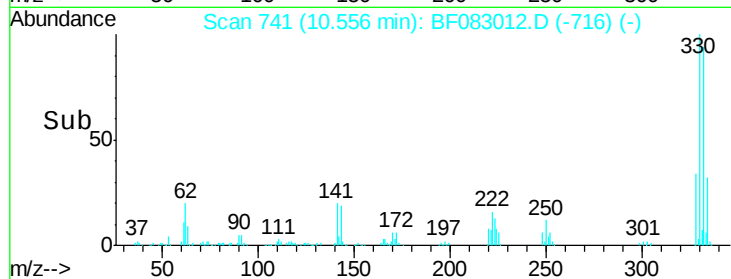
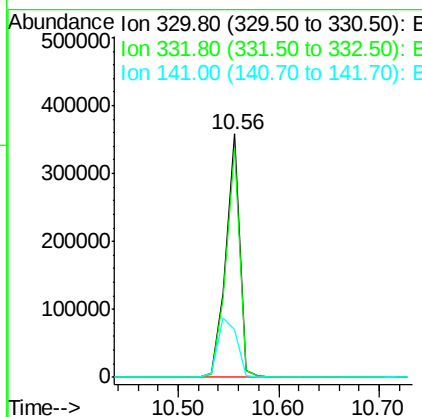
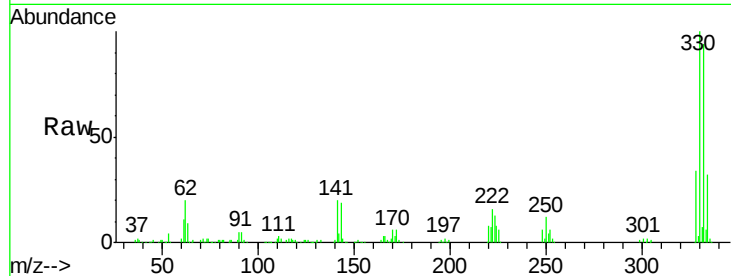




#41
 2,4,6-Tribromophenol
 Concen: 96.08 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF083012.D
 Acq: 18 Nov 2015 16:06

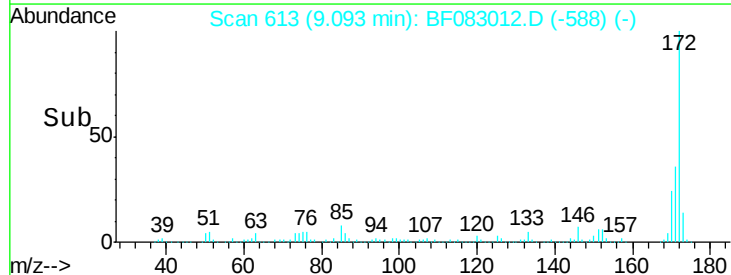
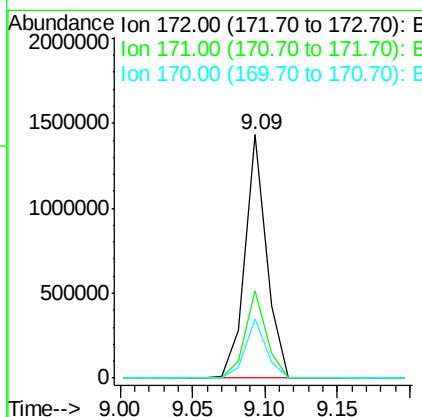
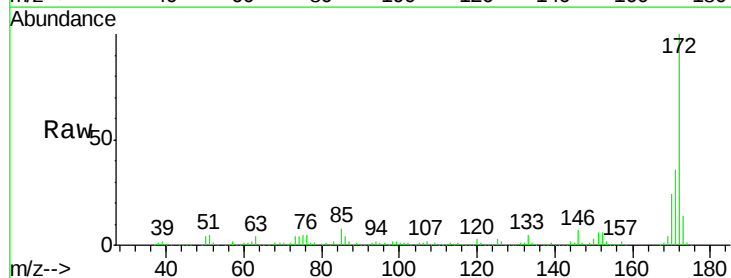
Instrument :
 BNA_F
 ClientSampleId :
 PB86622BL

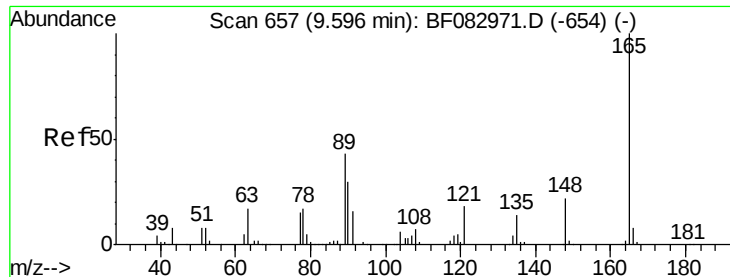
Tot Ion:330 Resp: 344360
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.6 114.8
 141 33.4 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 67.61 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF083012.D
 Acq: 18 Nov 2015 16:06

Tgt Ion:172 Resp: 1474531
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.8 46.2
 170 24.3 21.2 31.8





#50

2,6-Dinitrotoluene

Concen: 7.46 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.19 min

Lab File: BF083012.D

Acq: 18 Nov 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB86622BL

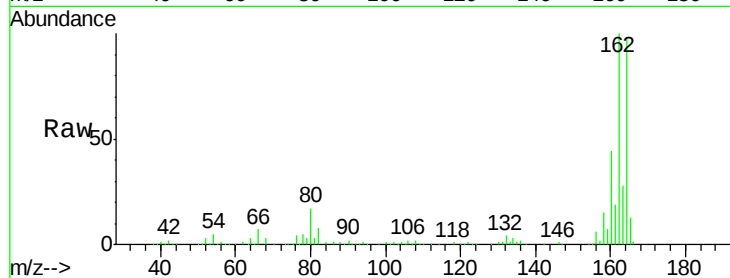
Tot Ion:165 Resp: 40786

Ion Ratio Lower Upper

165 100

63 1.4 55.5 83.3#

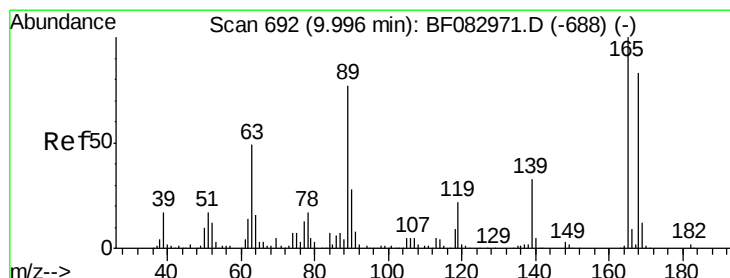
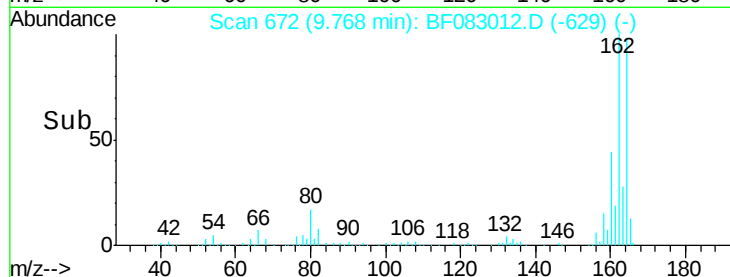
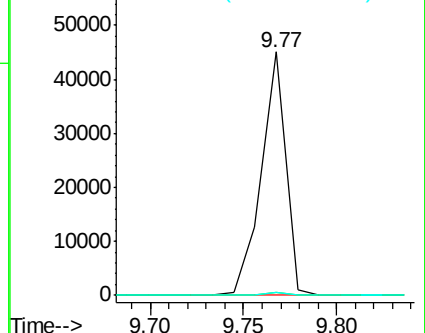
89 1.3 55.0 82.6#



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: 5.50 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.21 min

Lab File: BF083012.D

Acq: 18 Nov 2015 16:06

Tgt Ion:165 Resp: 40786

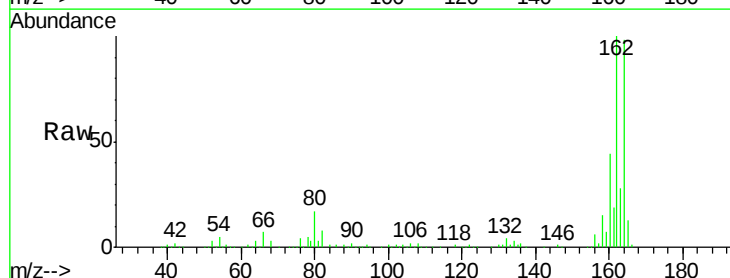
Ion Ratio Lower Upper

165 100

63 1.4 43.4 65.0#

89 1.3 70.6 106.0#

182 0.0 1.5 2.3#

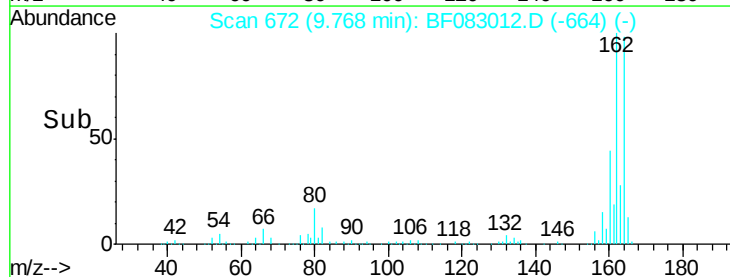
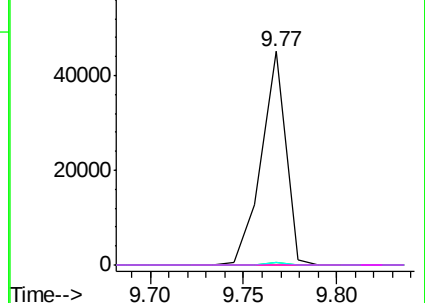


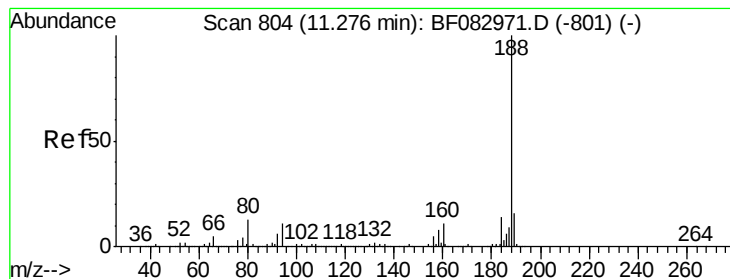
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF083012.D

Acq: 18 Nov 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB86622BL

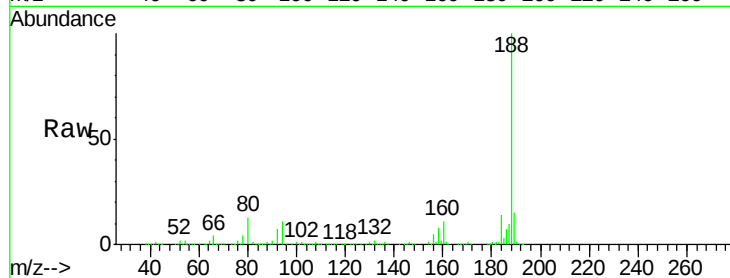
Tot Ion:188 Resp: 776744

Ion Ratio Lower Upper

188 100

94 11.4 6.1 9.1#

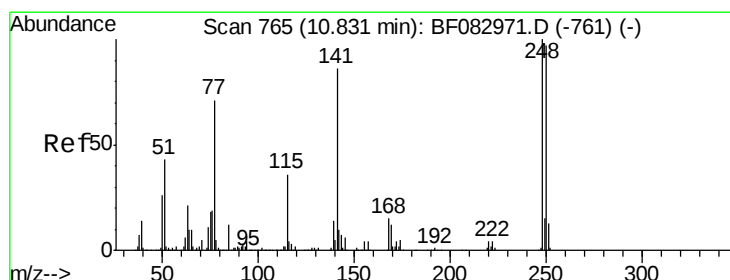
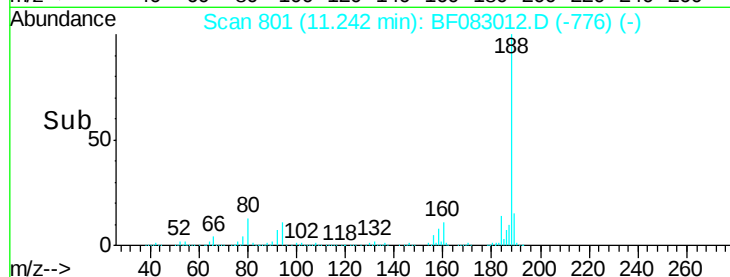
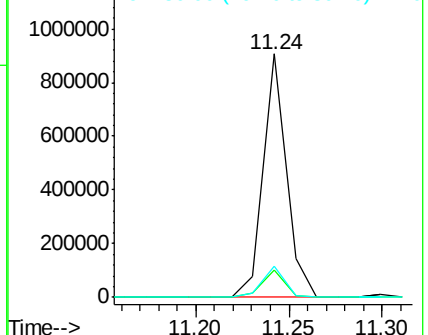
80 12.9 7.0 10.6#



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: 2.45 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.25 min

Lab File: BF083012.D

Acq: 18 Nov 2015 16:06

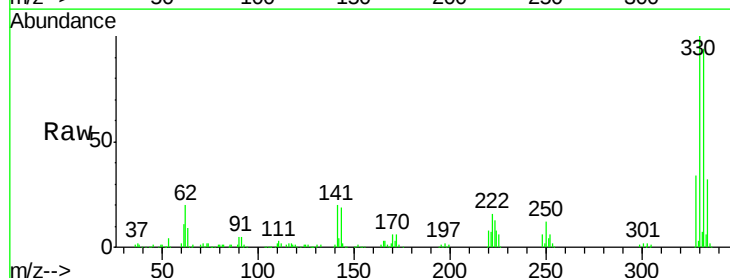
Tgt Ion:248 Resp: 22901

Ion Ratio Lower Upper

248 100

250 204.1 79.4 119.2#

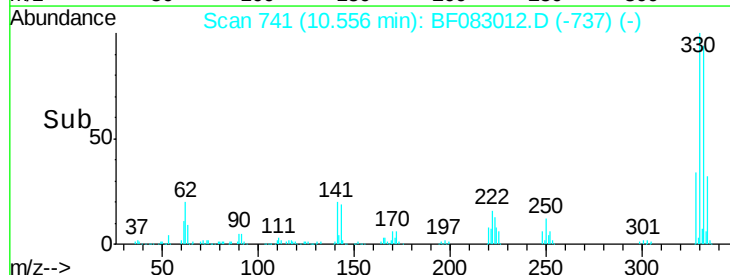
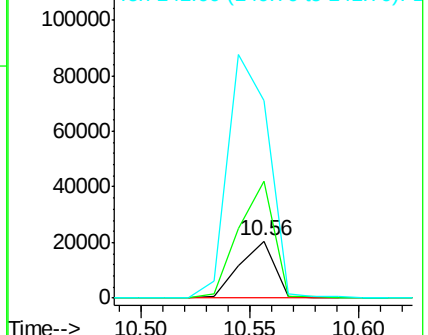
141 344.1 36.3 54.5#

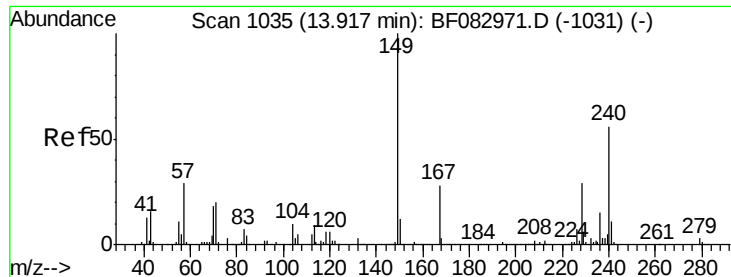


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF083012.D

Acq: 18 Nov 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB86622BL

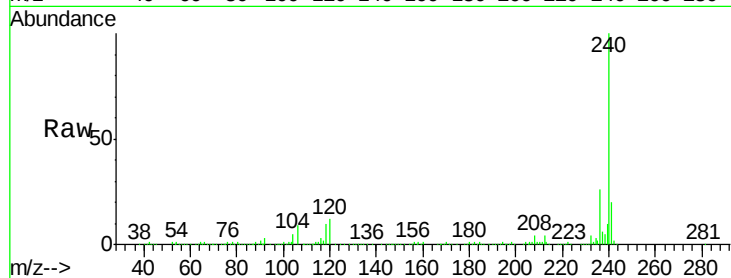
Tot Ion:240 Resp: 706320

Ion Ratio Lower Upper

240 100

120 12.2 10.9 16.3

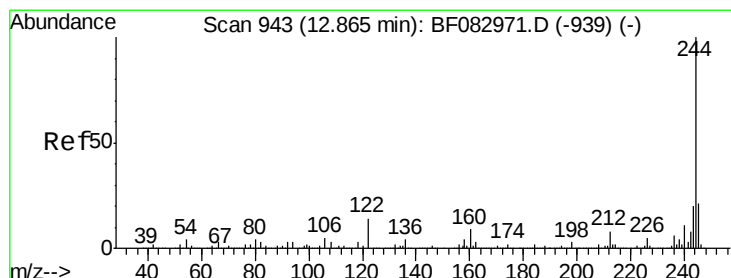
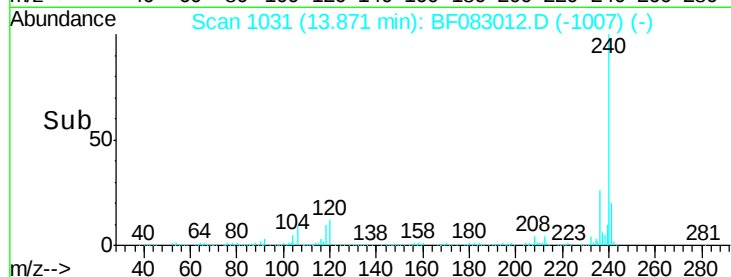
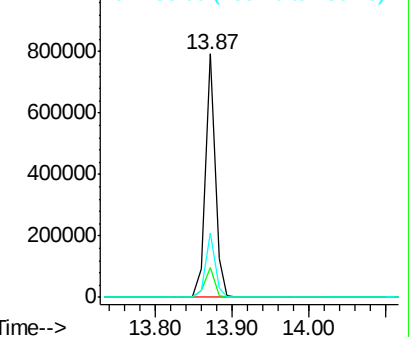
236 26.3 21.6 32.4



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: 68.56 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF083012.D

Acq: 18 Nov 2015 16:06

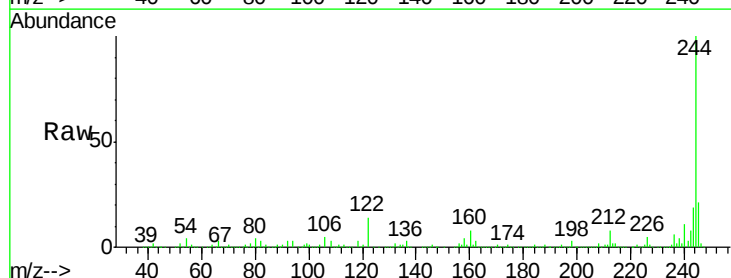
Tgt Ion:244 Resp: 2041789

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

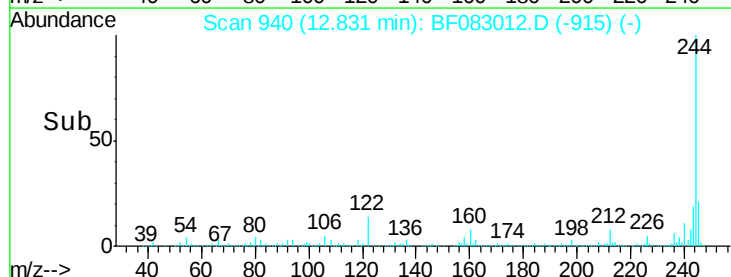
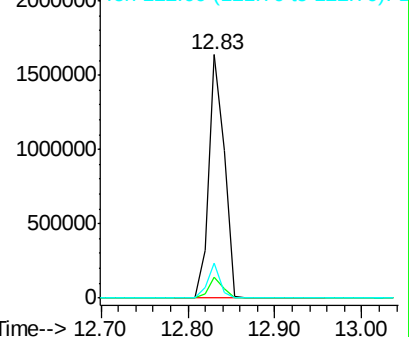
122 14.2 11.3 16.9

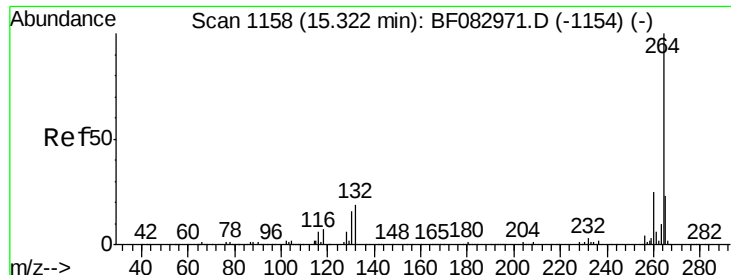


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

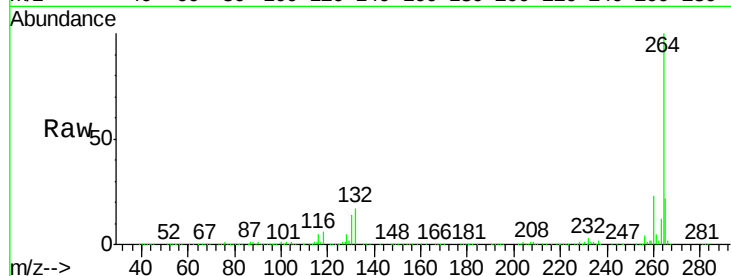




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF083012.D
 Acq: 18 Nov 2015 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86622BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	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

