

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
 Data File : BF080773.D
 Acq On : 1 Aug 2015 11:16
 Operator : TP/UM
 Sample : PB84692TB
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84692TB

Quant Time: Aug 03 01:04:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

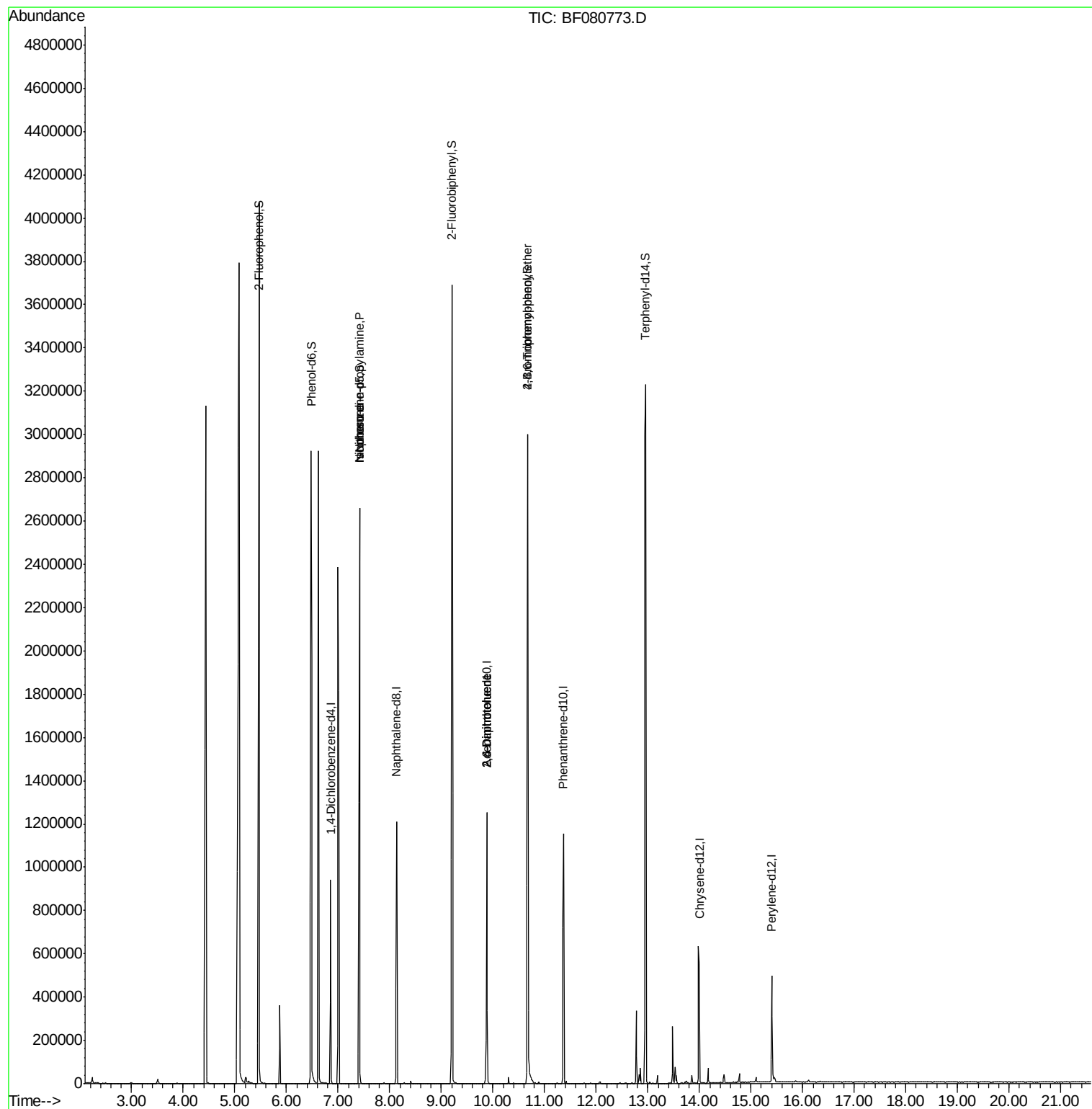
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	140932	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	541464	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	255423	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	531699	20.00	ng	0.00
75) Chrysene-d12	14.00	240	318746	20.00	ng	0.00
86) Perylene-d12	15.40	264	267160	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1010648	123.02	ng	0.02
7) Phenol-d6	6.48	99	1319797	118.00	ng	-0.01
23) Nitrobenzene-d5	7.41	82	915021	81.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	359699	135.72	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1401777	81.88	ng	-0.01
78) Terphenyl-d14	12.96	244	1570145	93.17	ng	0.00
Target Compounds						
9) Benzaldehyde	6.48	77	1830	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	128598	17.07	ng	# 75
25) Isophorone	7.41	82	882419	44.38	ng	# 71
50) 2,6-Dinitrotoluene	9.88	165	32182	8.42	ng	# 15
56) 2,4-Dinitrotoluene	9.88	165	32183	6.42	ng	# 16
66) 4-Bromophenyl-phenylether	10.67	248	24234	4.42	ng	# 1

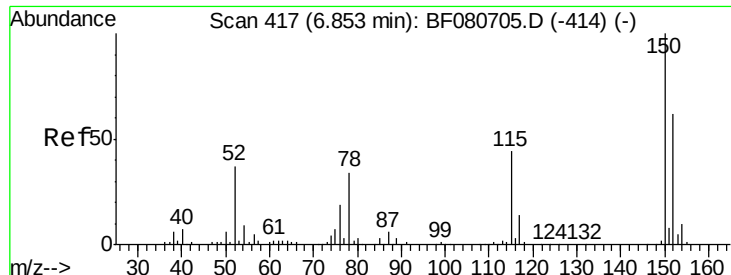
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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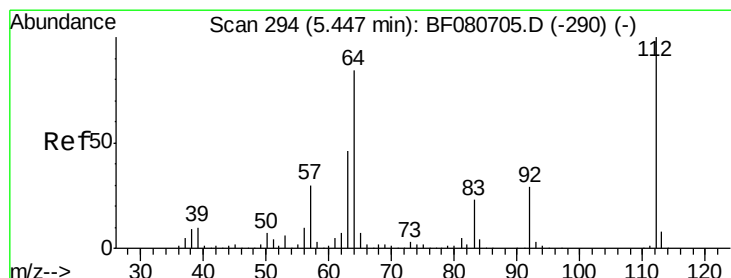
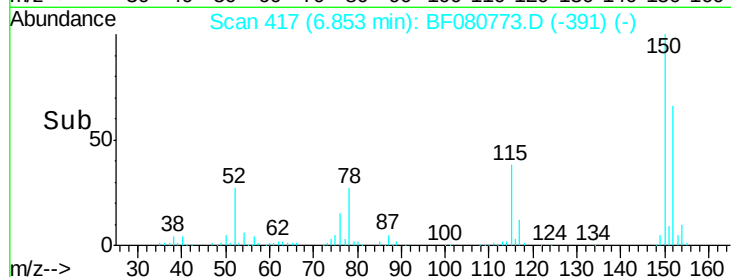
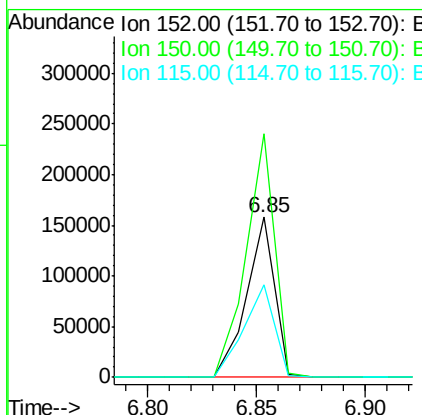
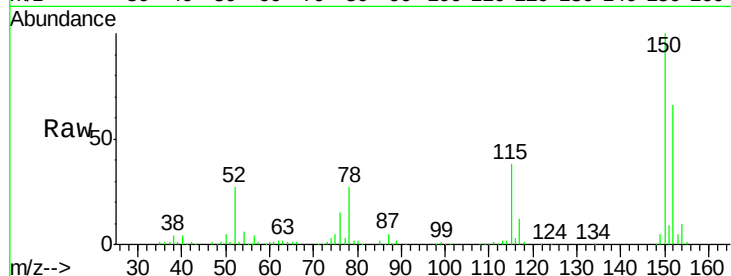




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF080773.D
 Acq: 1 Aug 2015 11:16

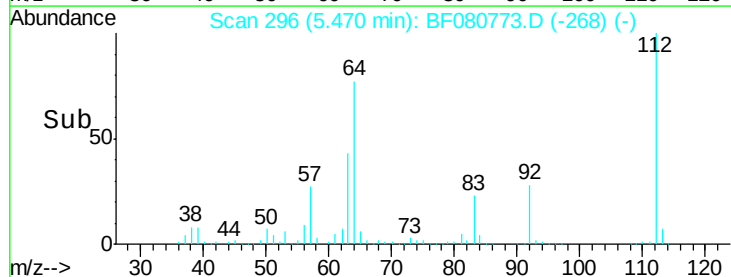
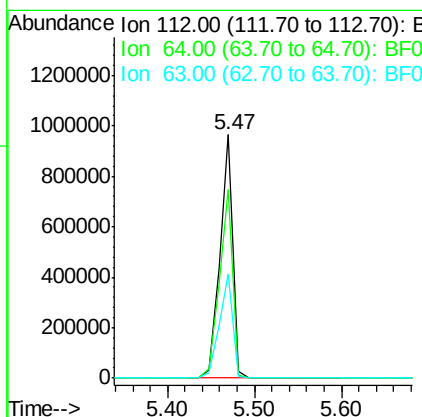
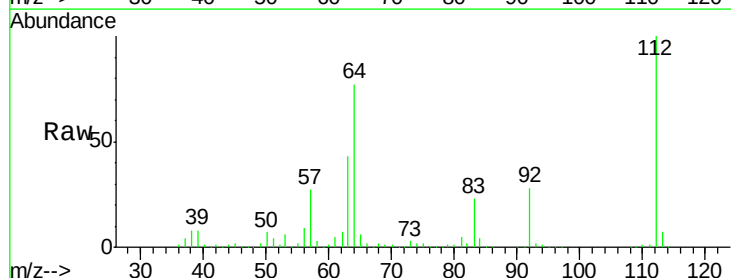
Instrument :
 BNA_F
 ClientSampleId :
 PB84692TB

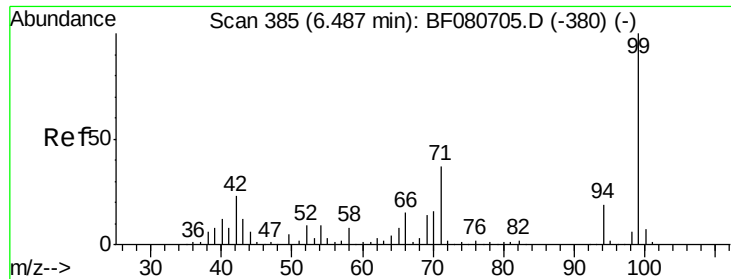
Tgt Ion:152 Resp: 140932
 Ion Ratio Lower Upper
 152 100
 150 152.3 129.6 194.4
 115 58.3 56.6 85.0



#5
 2-Fluorophenol
 Concen: 123.02 ng
 RT: 5.47 min Scan# 296
 Delta R.T. 0.02 min
 Lab File: BF080773.D
 Acq: 1 Aug 2015 11:16

Tgt Ion:112 Resp: 1010648
 Ion Ratio Lower Upper
 112 100
 64 77.3 66.8 100.2
 63 42.8 36.7 55.1





#7

Phenol-d6

Concen: 118.00 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080773.D

Acq: 1 Aug 2015 11:16

Instrument :

BNA_F

ClientSampleId :

PB84692TB

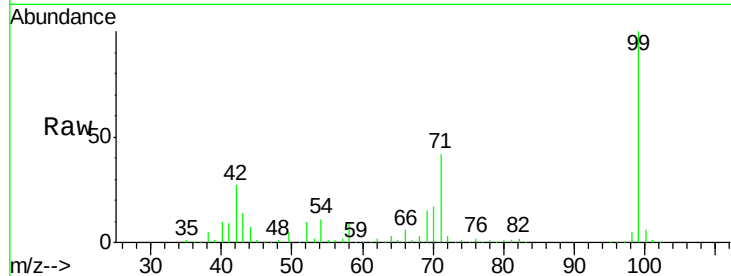
Tgt Ion: 99 Resp: 1319797

Ion Ratio Lower Upper

99 100

42 27.3 18.2 27.2#

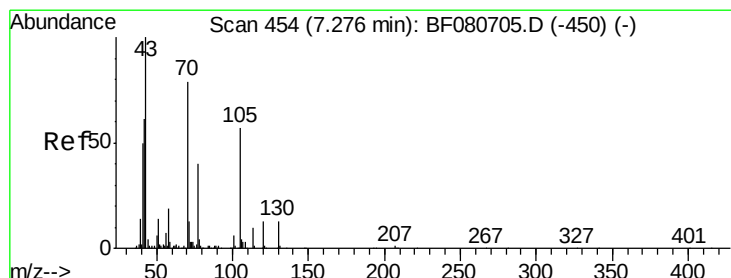
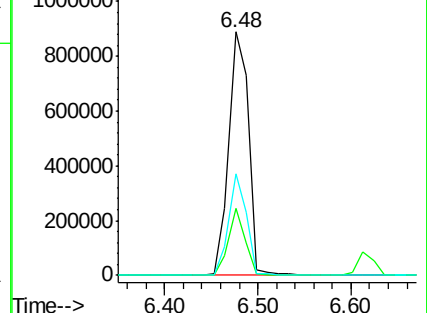
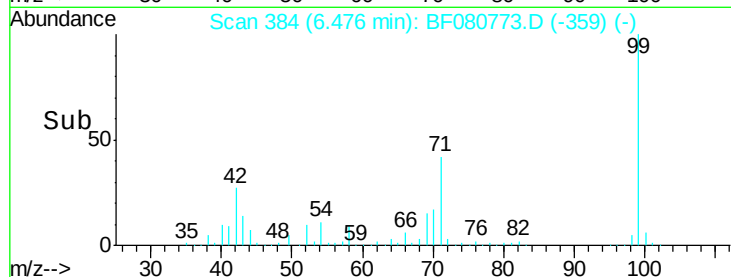
71 41.6 29.5 44.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.07 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080773.D

Acq: 1 Aug 2015 11:16

Tgt Ion: 70 Resp: 128598

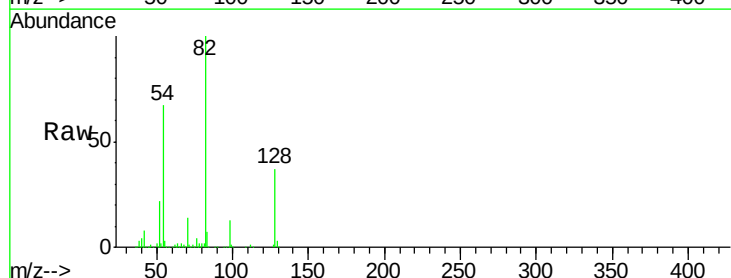
Ion Ratio Lower Upper

70 100

42 57.3 61.8 92.6#

101 0.0 6.1 9.1#

130 1.7 12.9 19.3#

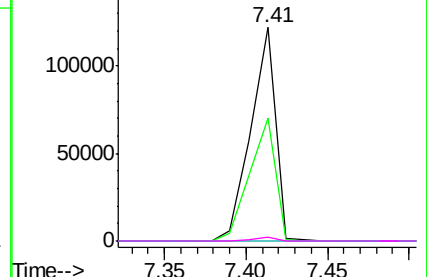
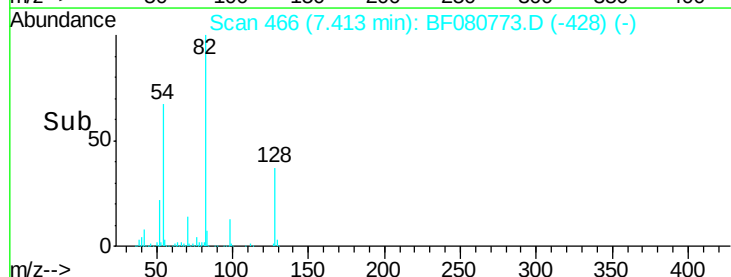


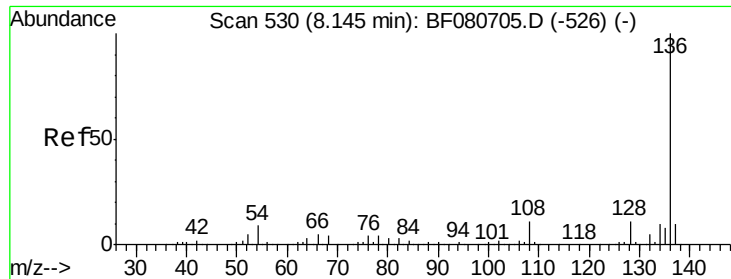
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

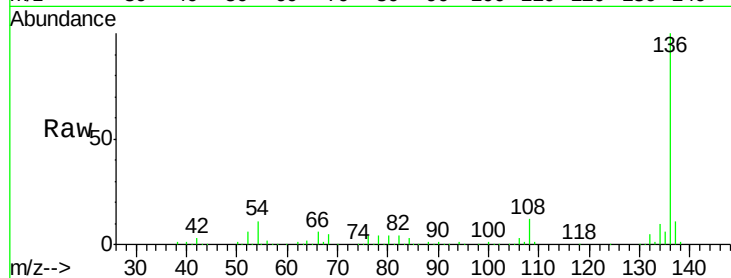




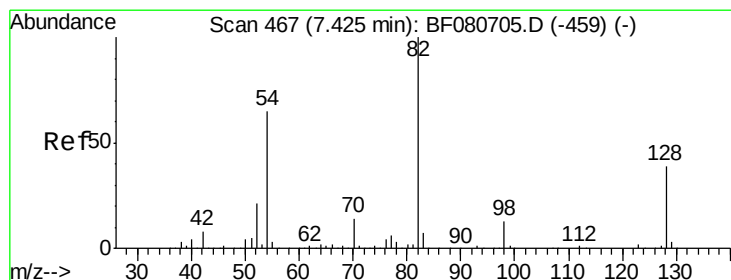
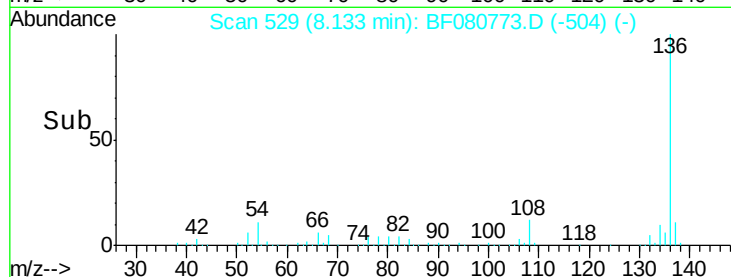
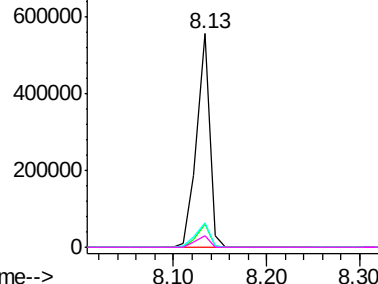
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080773.D
Acq: 1 Aug 2015 11:16

Instrument :
BNA_F
ClientSampleId :
PB84692TB

Tgt Ion:	136	Resp:	541464
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	11.4	6.9	10.3
68	5.2	3.5	5.3

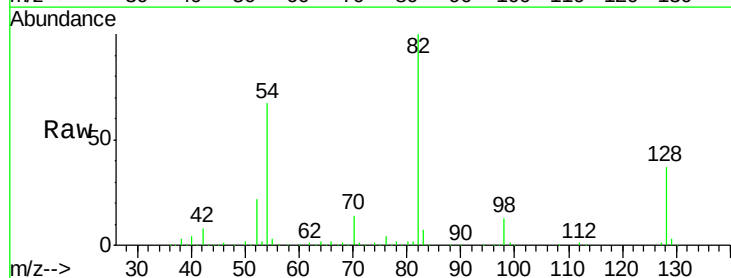


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

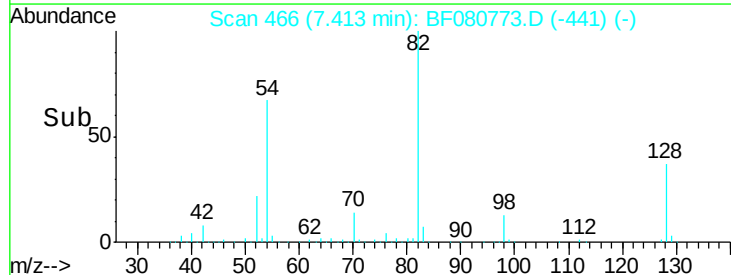
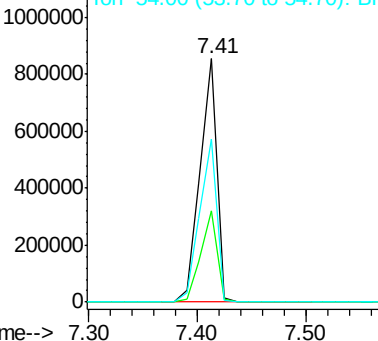


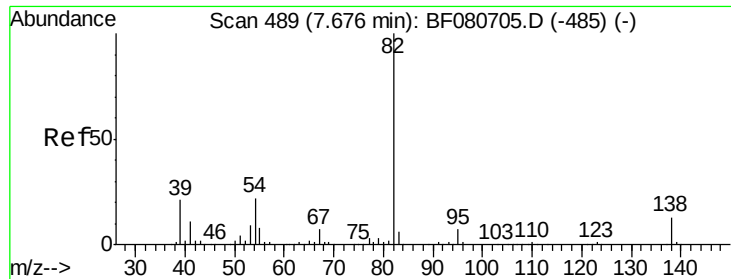
#23
Nitrobenzene-d5
Concen: 81.83 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080773.D
Acq: 1 Aug 2015 11:16

Tgt Ion:	82	Resp:	915021
Ion	Ratio	Lower	Upper
82	100		
128	37.4	31.5	47.3
54	67.2	51.8	77.8



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





#25

Isophorone

Concen: 44.38 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080773.D

Acq: 1 Aug 2015 11:16

Instrument :

BNA_F

ClientSampleId :

PB84692TB

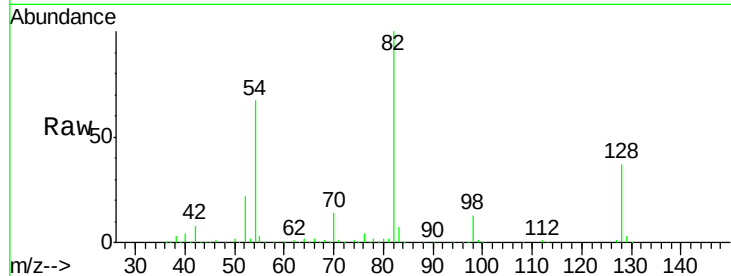
Tgt Ion: 82 Resp: 882419

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

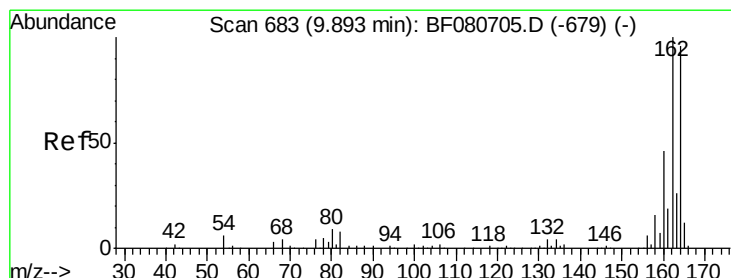
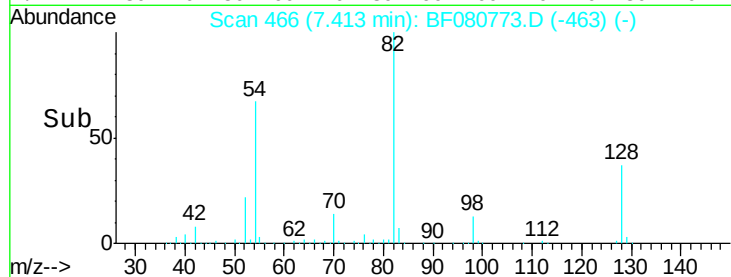
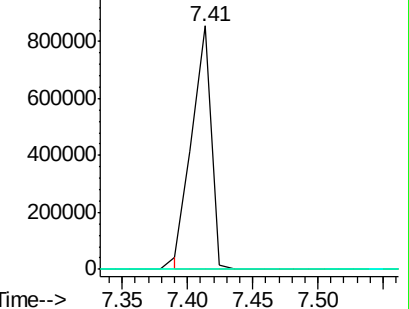
138 0.0 10.7 16.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080773.D

Acq: 1 Aug 2015 11:16

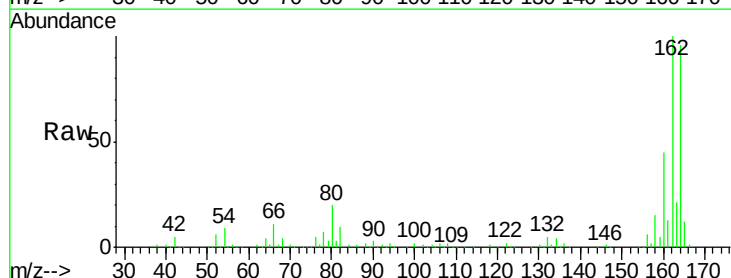
Tgt Ion: 164 Resp: 255423

Ion Ratio Lower Upper

164 100

162 104.4 83.4 125.0

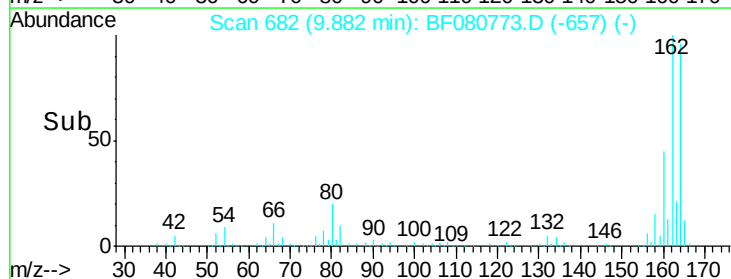
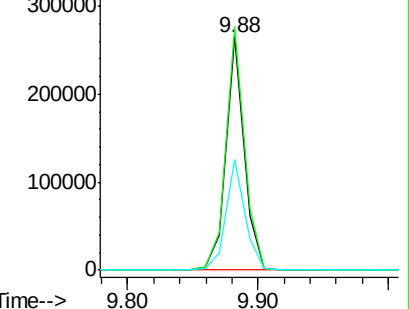
160 47.5 38.0 57.0

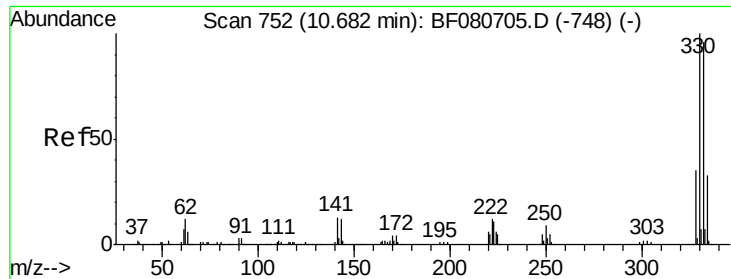


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

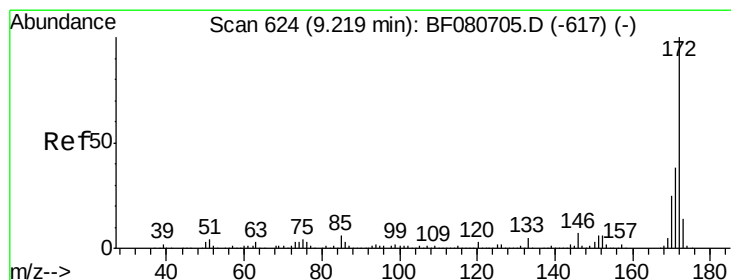
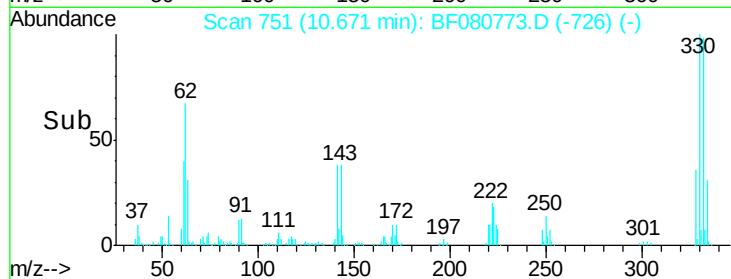
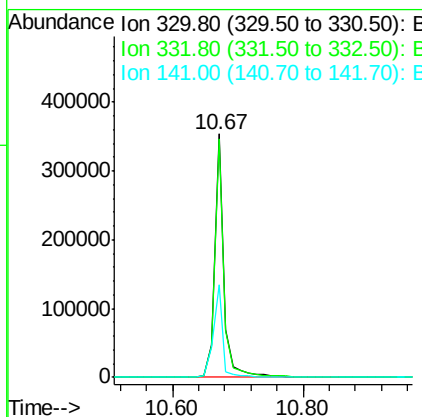
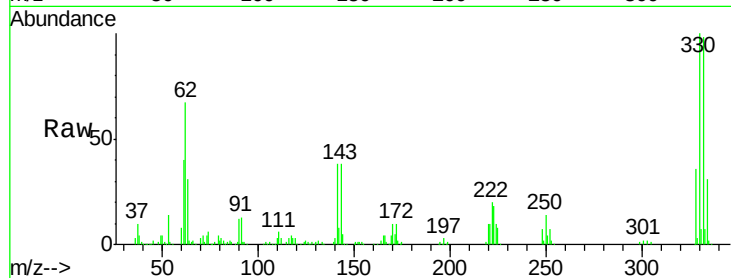




#41
 2,4,6-Tribromophenol
 Concen: 135.72 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080773.D
 Acq: 1 Aug 2015 11:16

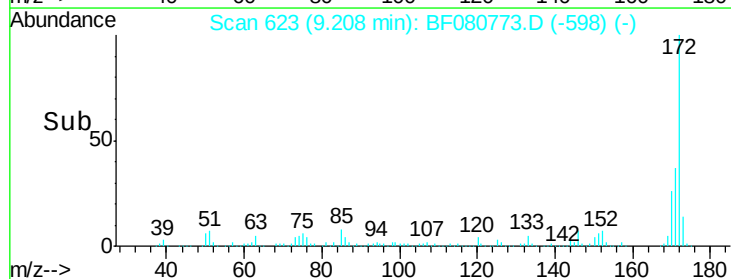
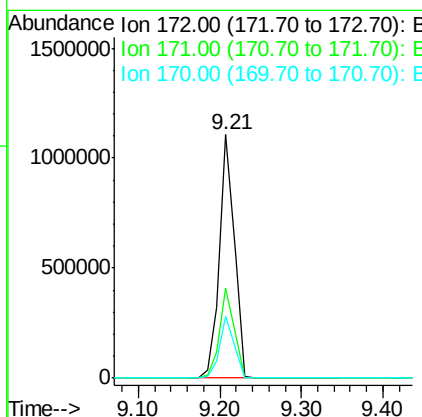
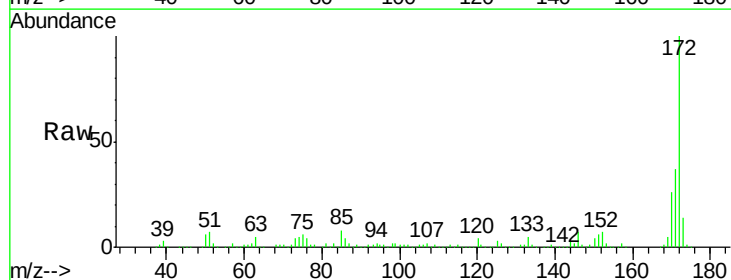
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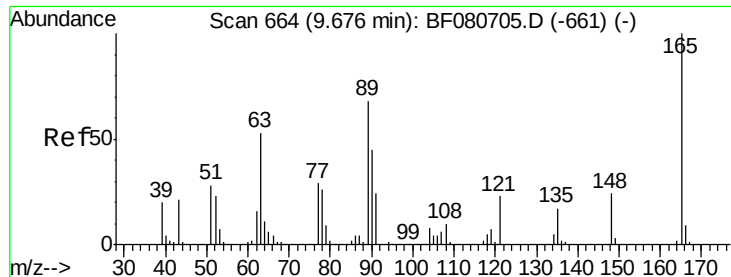
Tgt Ion:330 Resp: 359699
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 39.0 26.0 39.0#



#44
 2-Fluorobiphenyl
 Concen: 81.88 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080773.D
 Acq: 1 Aug 2015 11:16

Tgt Ion:172 Resp: 1401777
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.2 45.4
 170 25.5 20.2 30.2

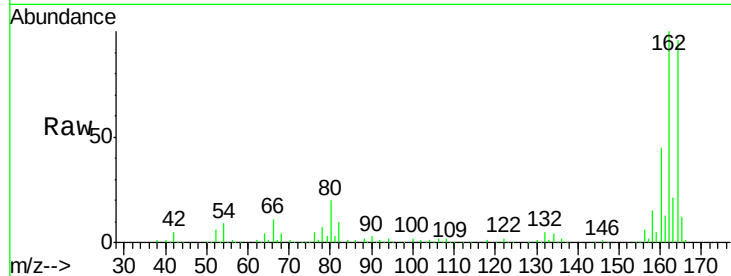




#50
 2,6-Dinitrotoluene
 Concen: 8.42 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.21 min
 Lab File: BF080773.D
 Acq: 1 Aug 2015 11:16

Instrument :
 BNA_F
 ClientSampleId :
 PB84692TB

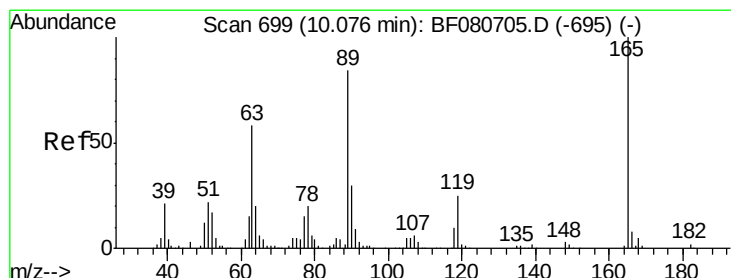
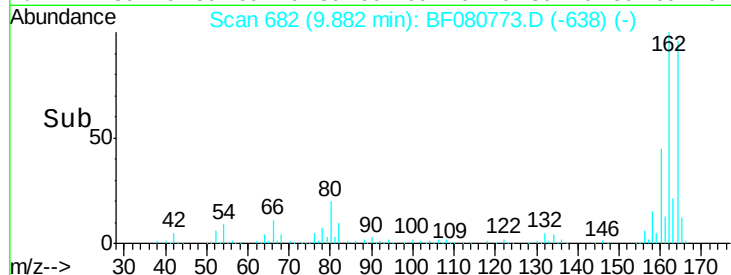
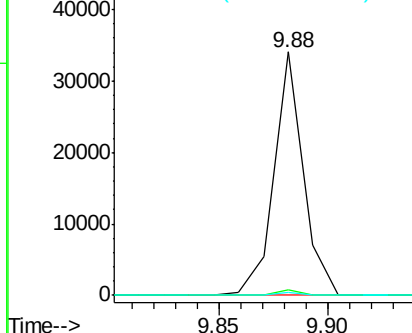
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	62.3	93.5#
89	1.4	54.8	82.2#



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: 6.42 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.19 min
 Lab File: BF080773.D
 Acq: 1 Aug 2015 11:16

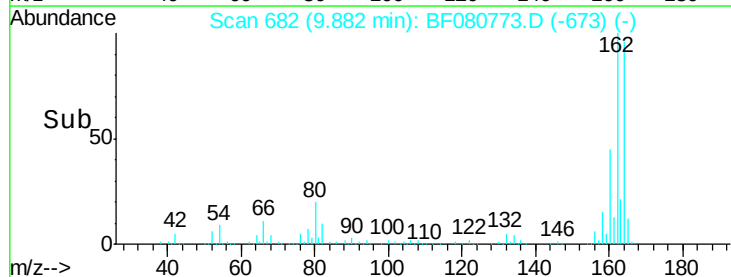
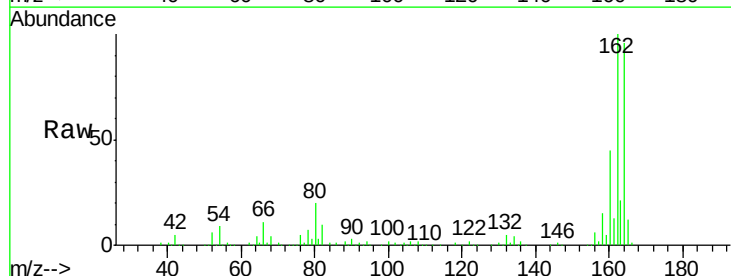
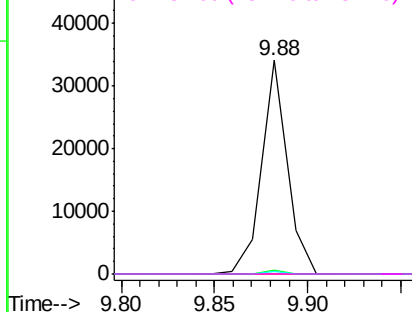
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	46.7	70.1#
89	1.4	67.4	101.2#
182	0.0	1.8	2.6#

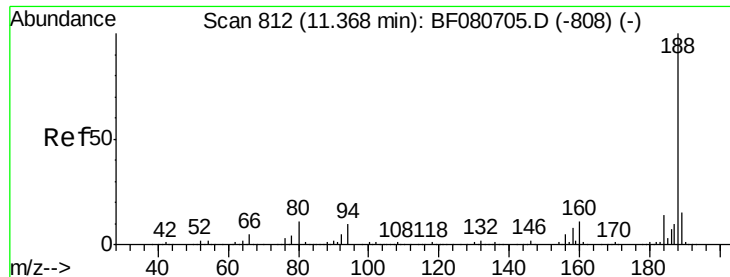
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

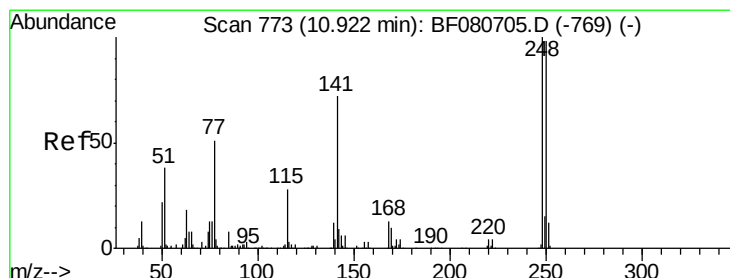
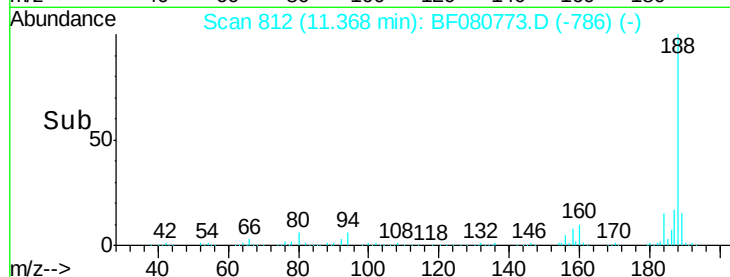
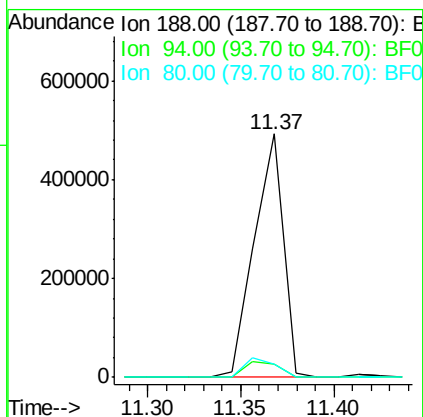
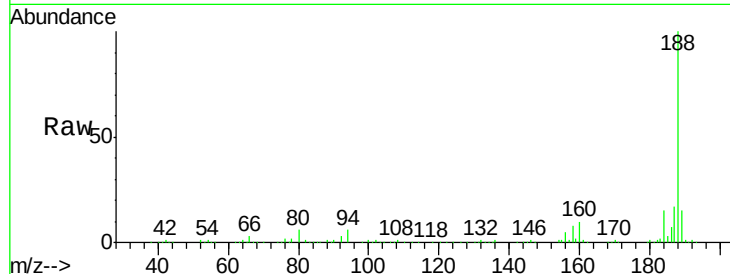




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF080773.D
 Acq: 1 Aug 2015 11:16

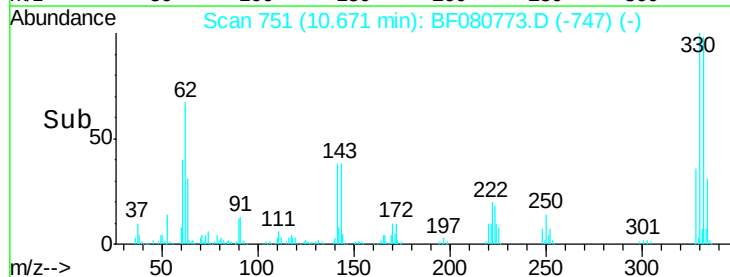
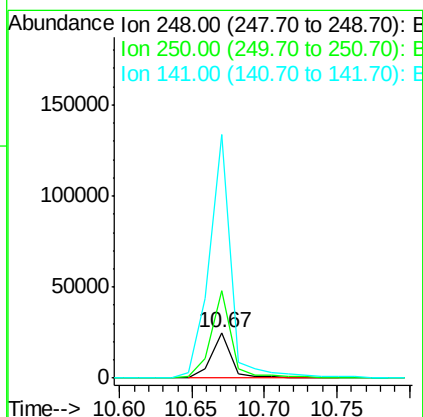
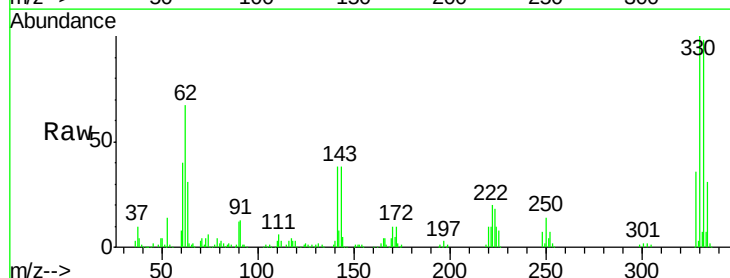
Instrument :
 BNA_F
 ClientSampleId :
 PB84692TB

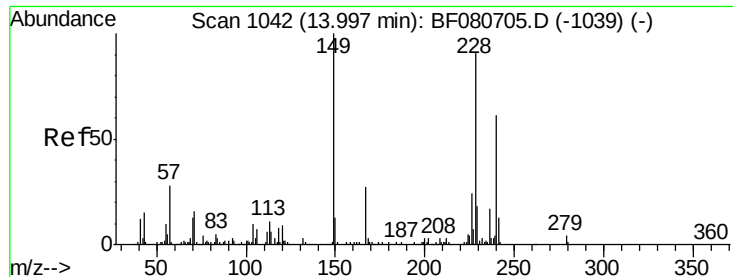
Tgt Ion:188 Resp: 531699
 Ion Ratio Lower Upper
 188 100
 94 5.6 8.1 12.1#
 80 5.7 9.1 13.7#



#66
 4-Bromophenyl-phenylether
 Concen: 4.42 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF080773.D
 Acq: 1 Aug 2015 11:16

Tgt Ion:248 Resp: 24234
 Ion Ratio Lower Upper
 248 100
 250 192.5 78.4 117.6#
 141 533.1 57.5 86.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF080773.D

Acq: 1 Aug 2015 11:16

Instrument :

BNA_F

ClientSampleId :

PB84692TB

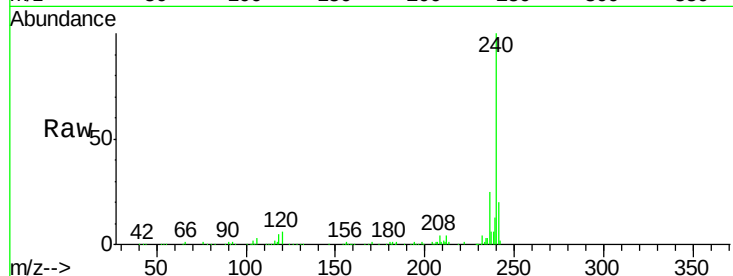
Tgt Ion:240 Resp: 318746

Ion Ratio Lower Upper

240 100

120 5.5 11.8 17.8#

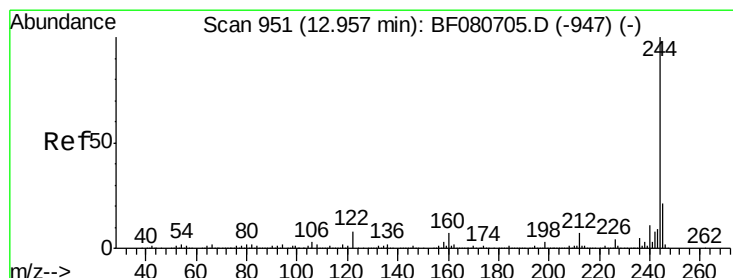
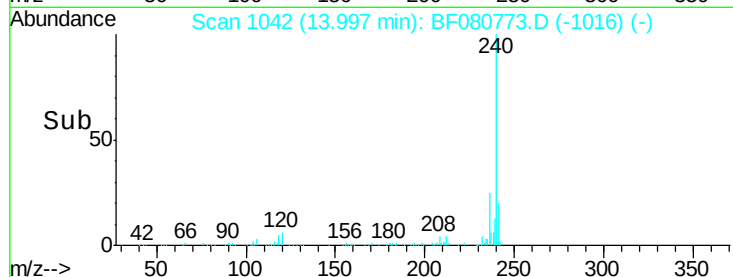
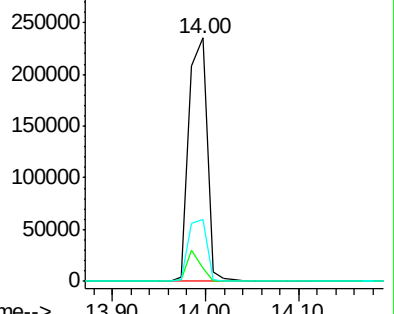
236 25.3 21.8 32.8



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: 93.17 ng

RT: 12.96 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF080773.D

Acq: 1 Aug 2015 11:16

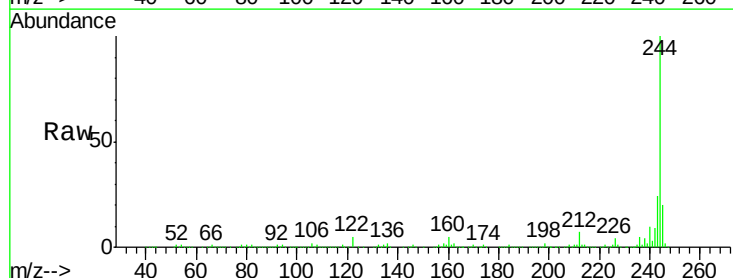
Tgt Ion:244 Resp: 1570145

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

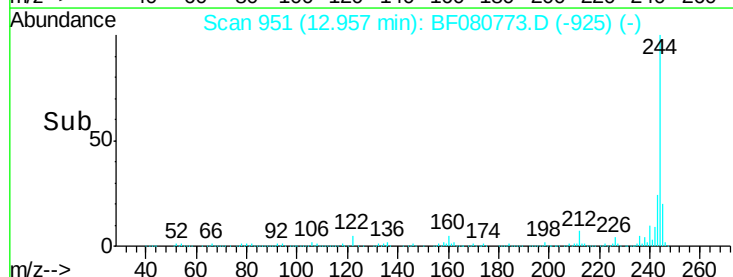
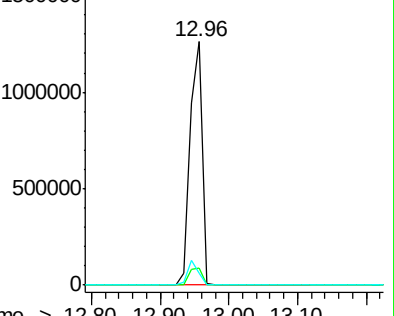
122 5.1 6.6 9.8#

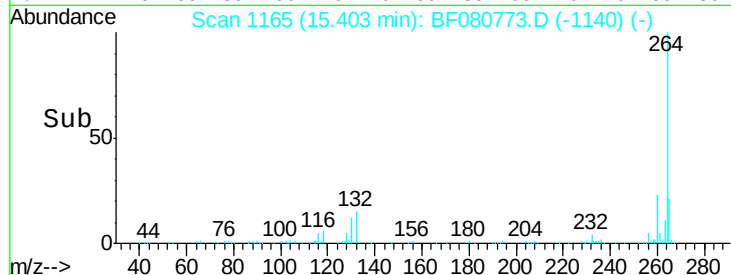
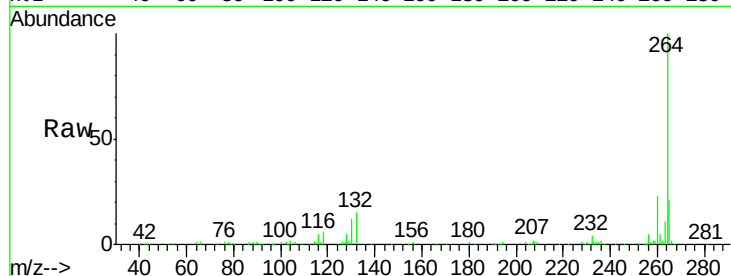
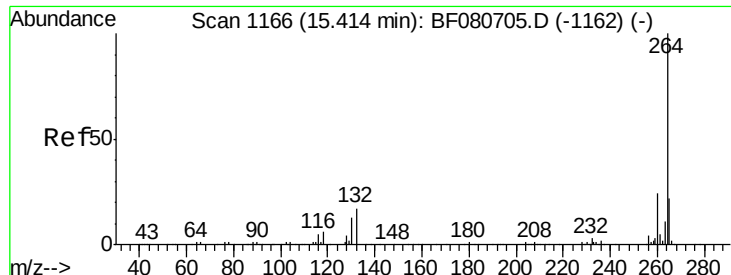


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF080773.D
Acq: 1 Aug 2015 11:16

Instrument :
BNA_F
ClientSampleId :
PB84692TB

Tgt Ion:	264	Resp:	267160
Ion Ratio	Lower	Upper	
264	100		
260	22.8	19.4	29.0
265	21.4	17.3	25.9

