

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
 Data File : BF086977.D
 Acq On : 13 May 2016 18:09
 Operator : UM/SJ
 Sample : PB90587BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90587BL

Quant Time: May 13 22:50:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 14:55:23 2016
 Response via : Initial Calibration

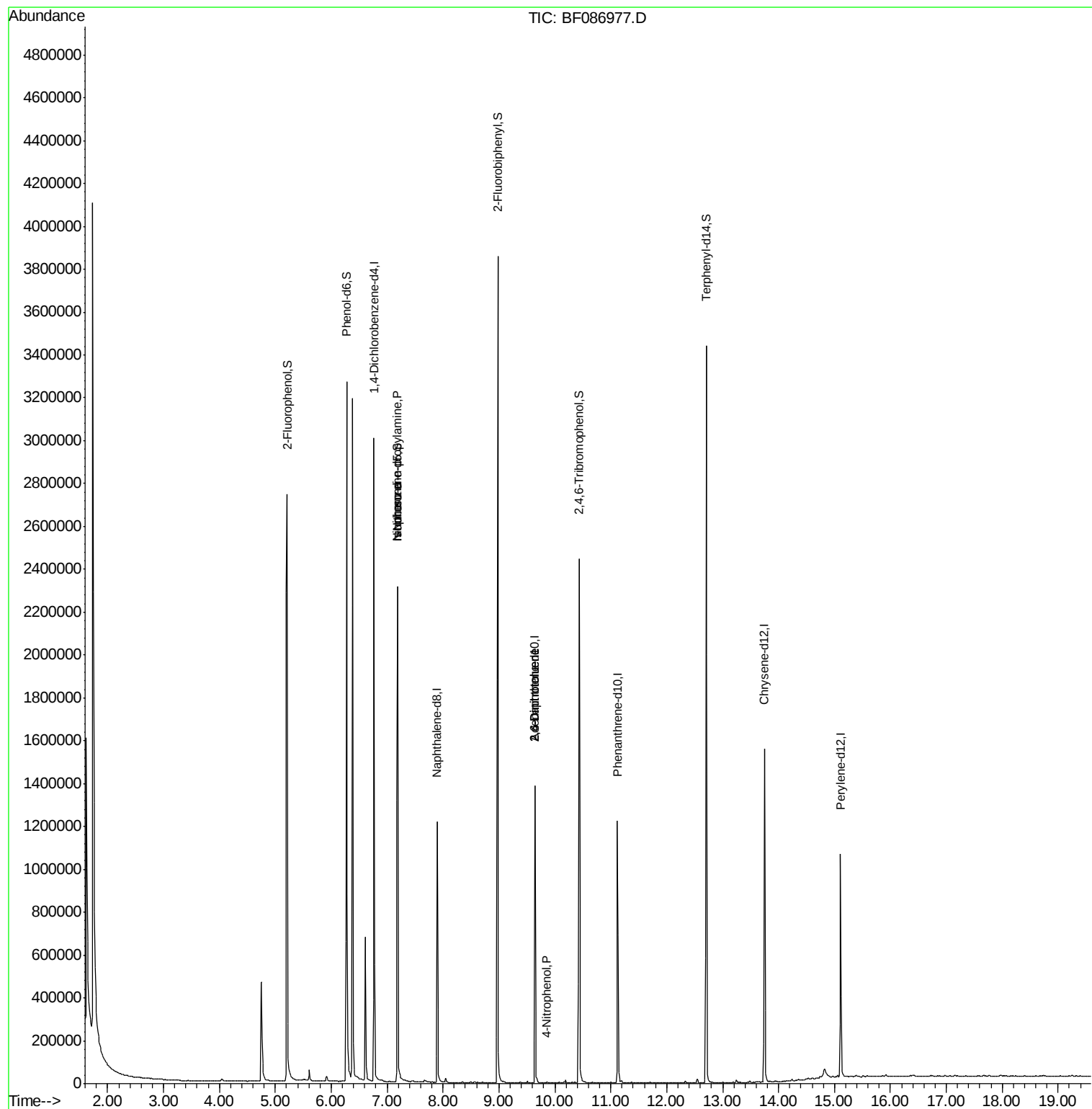
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	401554	20.00	ng	0.07
21) Naphthalene-d8	7.90	136	556932	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	272307	20.00	ng	-0.09
63) Phenanthrene-d10	11.12	188	546436	20.00	ng	-0.09
75) Chrysene-d12	13.75	240	512148	20.00	ng	-0.09
86) Perylene-d12	15.11	264	430127	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	965216	40.71	ng	-0.08
7) Phenol-d6	6.27	99	1087975	34.33	ng	-0.09
23) Nitrobenzene-d5	7.19	82	864993	77.99	ng	-0.08
41) 2,4,6-Tribromophenol	10.43	330	303634	105.33	ng	-0.09
44) 2-Fluorobiphenyl	8.98	172	1350586	83.36	ng	-0.08
78) Terphenyl-d14	12.71	244	1346164	55.77	ng	-0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	122327	5.52	ng	# 78
25) Isophorone	7.19	82	843268	40.98	ng	# 68
50) 2,6-Dinitrotoluene	9.64	165	34089	7.80	ng	# 21
55) 4-Nitrophenol	9.85	139	1020	4.87	ng	# 14
56) 2,4-Dinitrotoluene	9.64	165	34084	6.30	ng	# 16
60) 4-Chlorophenyl-phenylether	10.19	204	1034	Below Cal		# 66

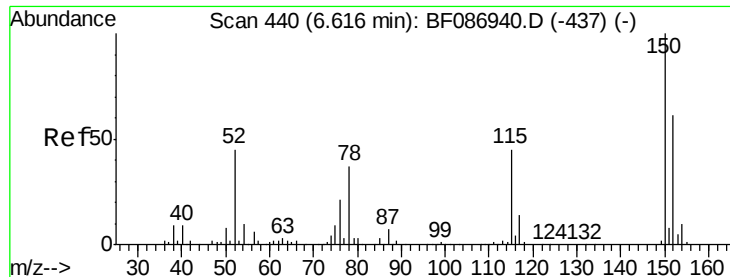
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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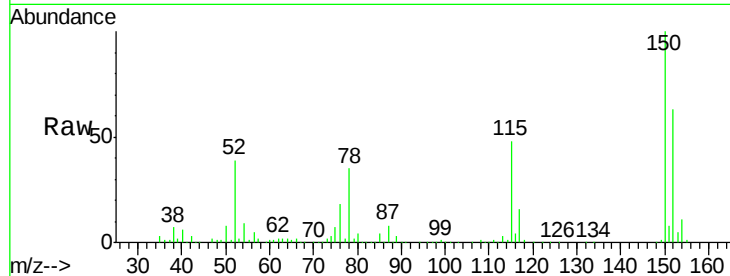


#1

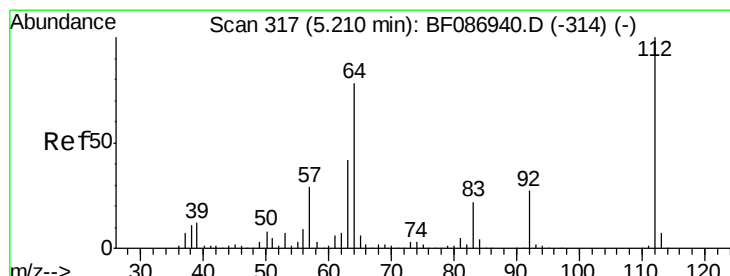
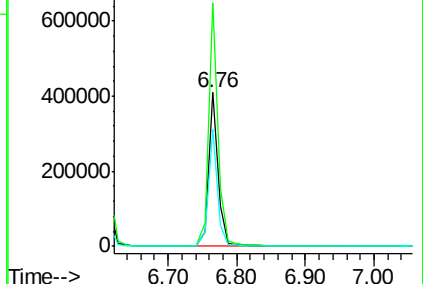
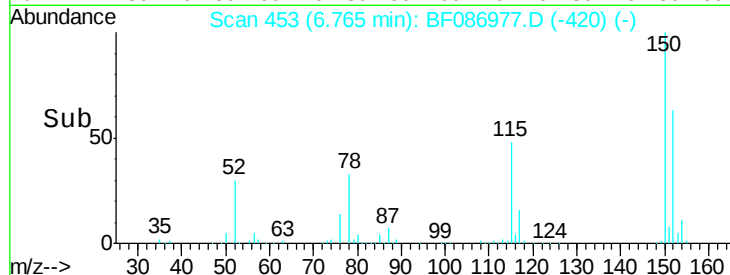
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.07 min
Lab File: BF086977.D
Acq: 13 May 2016 18:09

Instrument :
BNA_F
ClientSampleId :
PB90587BL

Tgt Ion:152 Resp: 401554
Ion Ratio Lower Upper
152 100
150 158.2 125.8 188.6
115 76.2 51.5 77.3



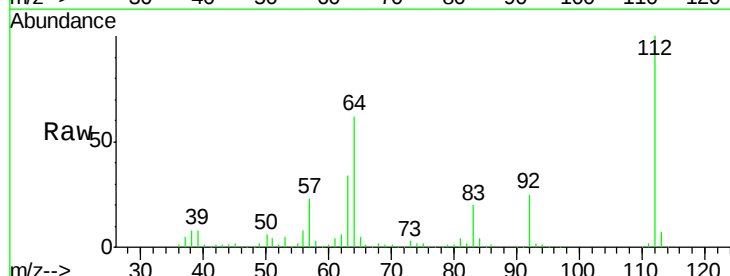
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



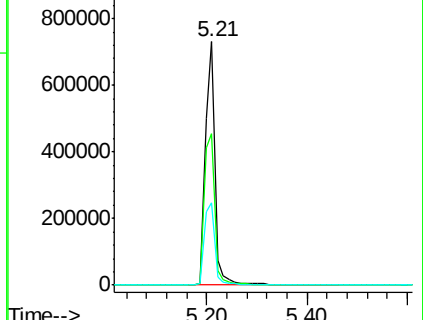
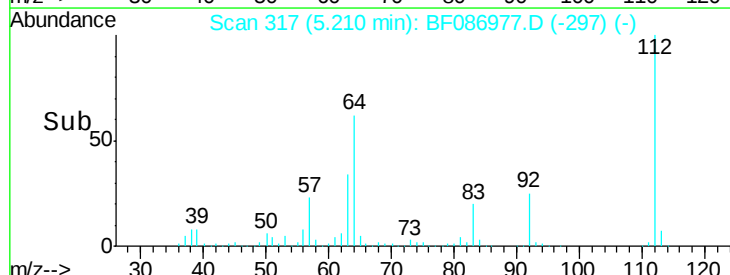
#5

2-Fluorophenol
Concen: 40.71 ng
RT: 5.21 min Scan# 317
Delta R.T. -0.08 min
Lab File: BF086977.D
Acq: 13 May 2016 18:09

Tgt Ion:112 Resp: 965216
Ion Ratio Lower Upper
112 100
64 62.3 52.1 78.1
63 33.9 25.7 38.5



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: 34.33 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.09 min

Lab File: BF086977.D

Acq: 13 May 2016 18:09

Instrument :

BNA_F

ClientSampleId :

PB90587BL

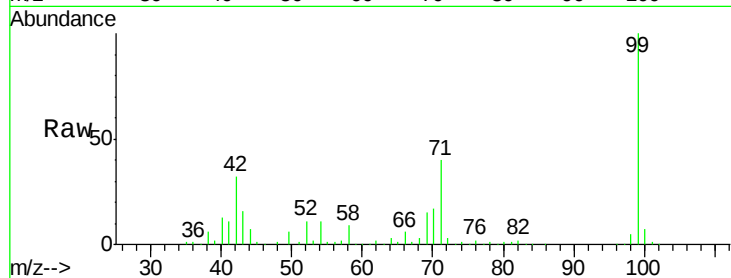
Tgt Ion: 99 Resp: 1087975

Ion Ratio Lower Upper

99 100

42 32.2 13.6 20.4#

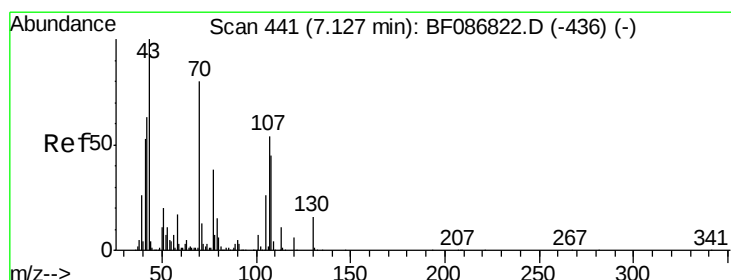
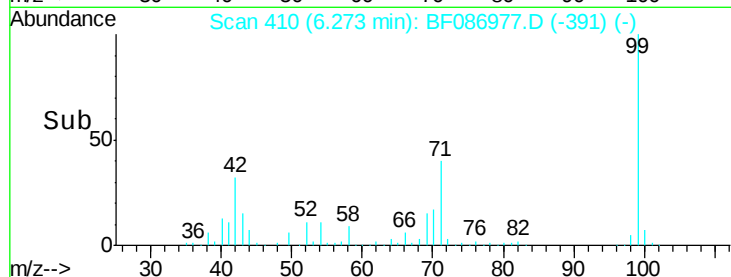
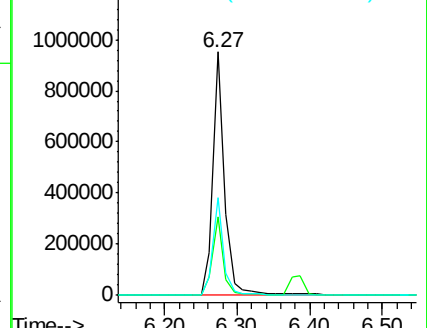
71 40.3 24.6 36.8#



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: 5.52 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.06 min

Lab File: BF086977.D

Acq: 13 May 2016 18:09

Tgt Ion: 70 Resp: 122327

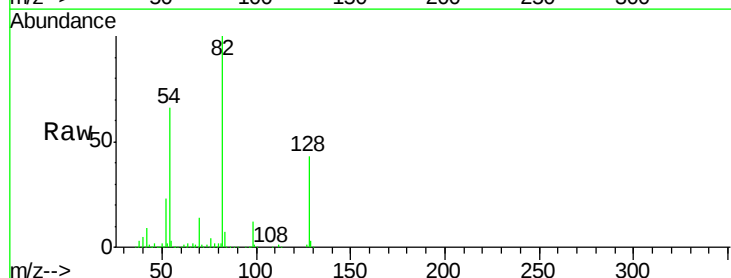
Ion Ratio Lower Upper

70 100

42 62.6 43.1 64.7

101 0.0 8.1 12.1#

130 1.9 18.6 28.0#

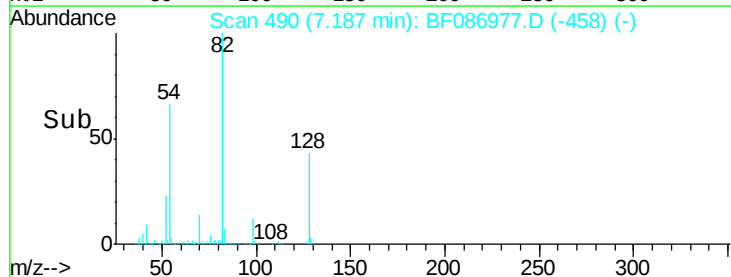
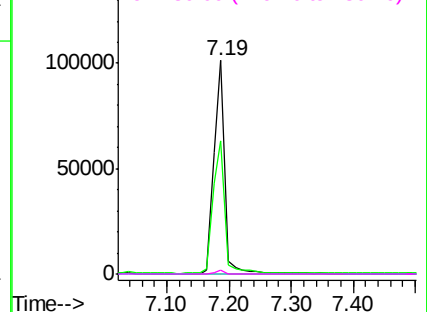


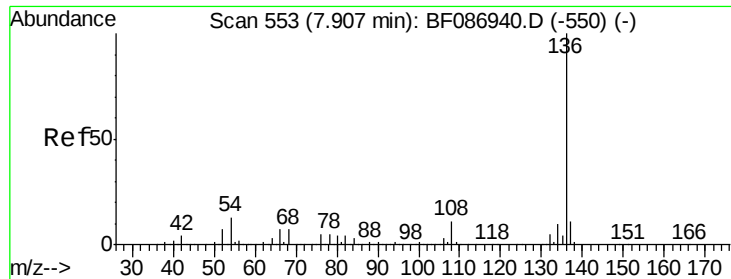
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

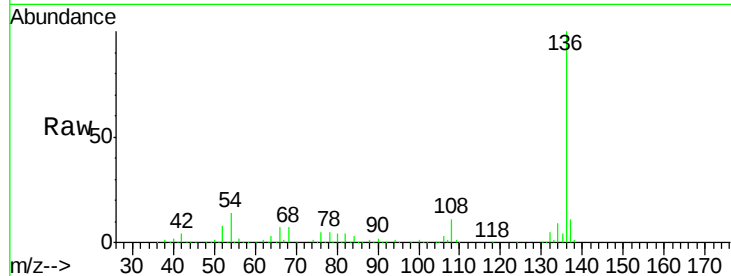




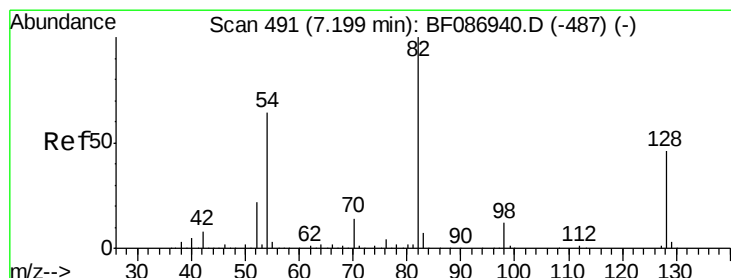
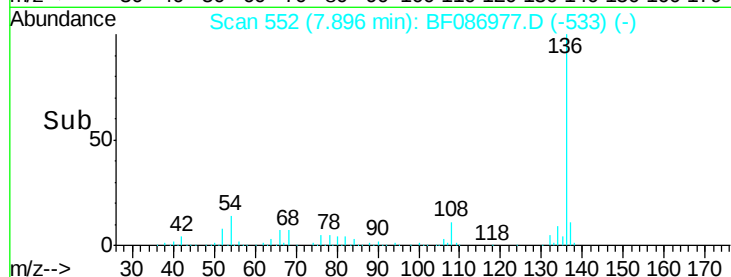
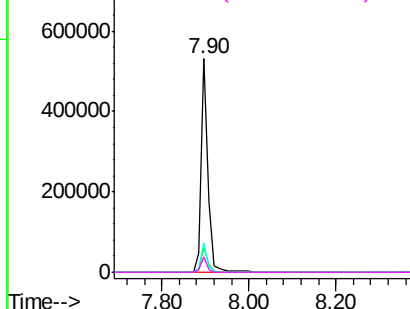
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF086977.D
Acq: 13 May 2016 18:09

Instrument :
BNA_F
ClientSampleId :
PB90587BL

Tgt Ion:	136	Resp:	556932
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	14.0	5.0	7.4#
68	7.3	4.4	6.6#

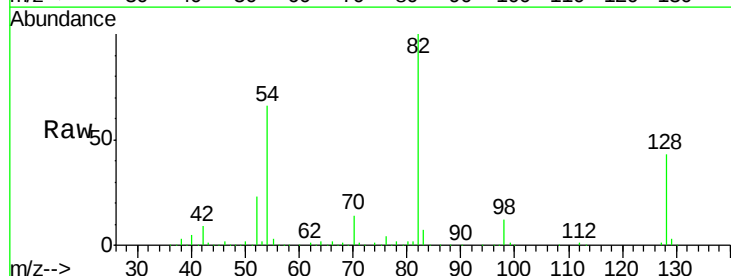


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

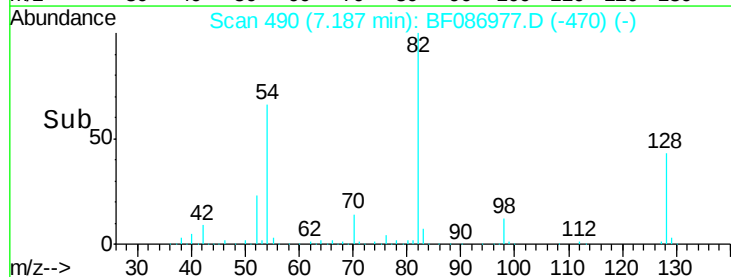
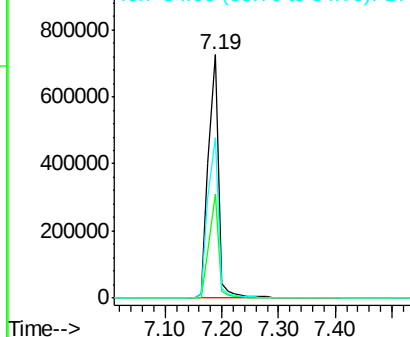


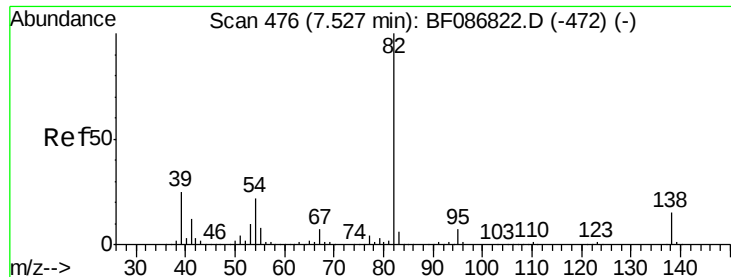
#23
Nitrobenzene-d5
Concen: 77.99 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF086977.D
Acq: 13 May 2016 18:09

Tgt Ion:	82	Resp:	864993
Ion	Ratio	Lower	Upper
82	100		
128	43.0	40.6	61.0
54	66.0	38.1	57.1#



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: 40.98 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.34 min

Lab File: BF086977.D

Acq: 13 May 2016 18:09

Instrument :

BNA_F

ClientSampleId :

PB90587BL

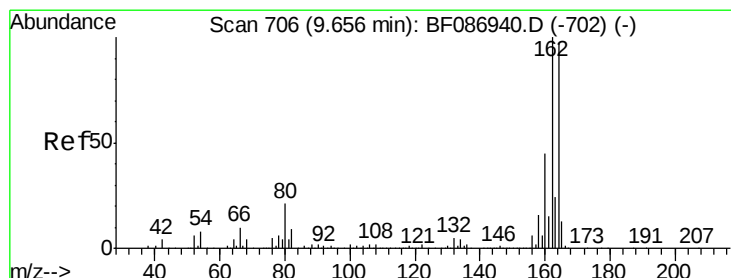
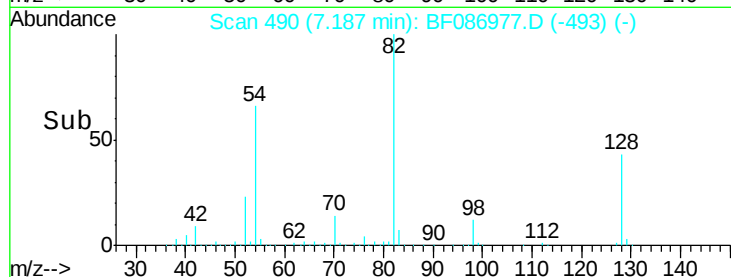
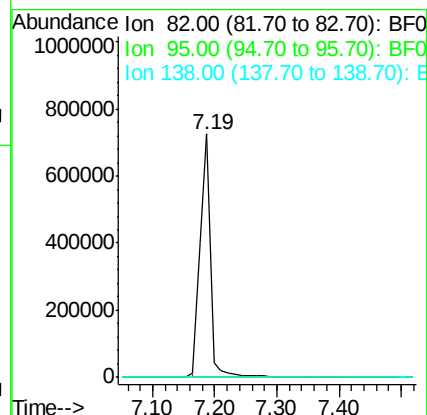
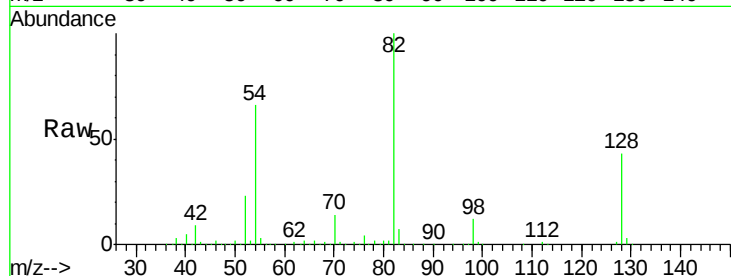
Tgt Ion: 82 Resp: 843268

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 12.4 18.6#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.09 min

Lab File: BF086977.D

Acq: 13 May 2016 18:09

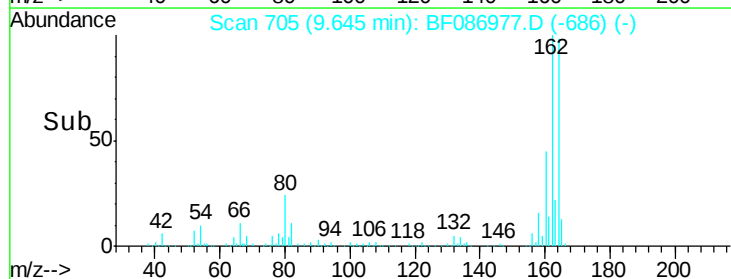
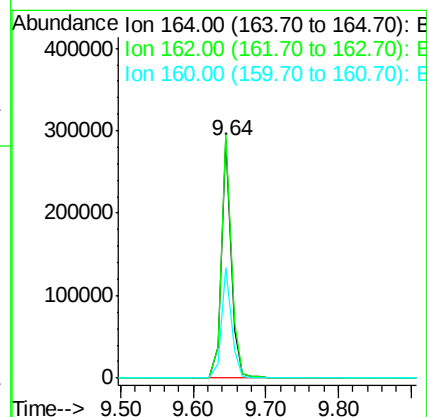
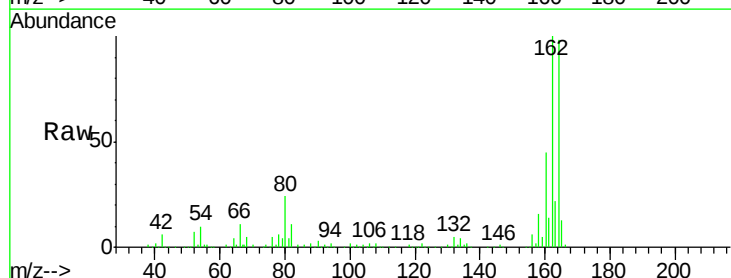
Tgt Ion: 164 Resp: 272307

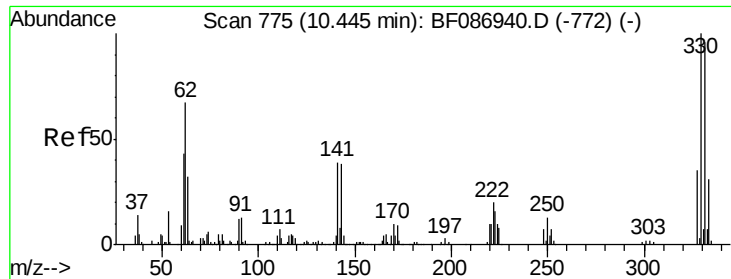
Ion Ratio Lower Upper

164 100

162 102.2 82.8 124.2

160 46.2 36.9 55.3

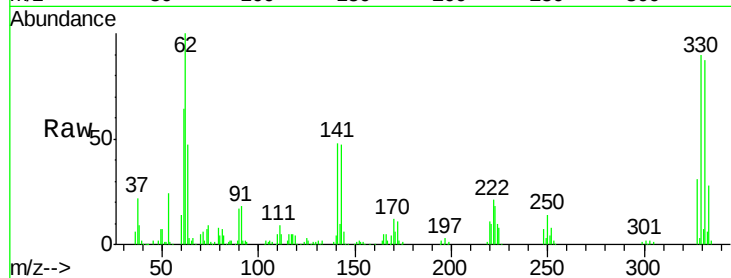




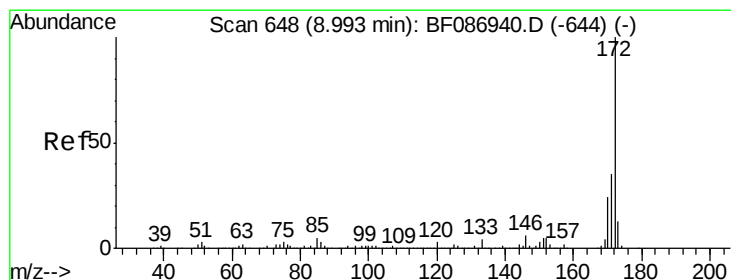
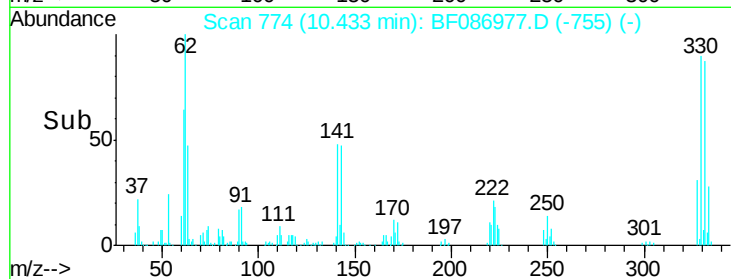
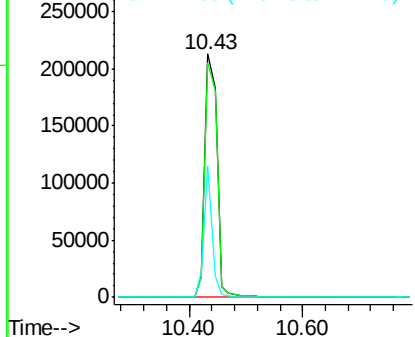
#41
 2,4,6-Tribromophenol
 Concen: 105.33 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.09 min
 Lab File: BF086977.D
 Acq: 13 May 2016 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB90587BL

Tgt Ion:330 Resp: 303634
 Ion Ratio Lower Upper
 330 100
 332 96.9 79.0 118.4
 141 36.6 31.2 46.8

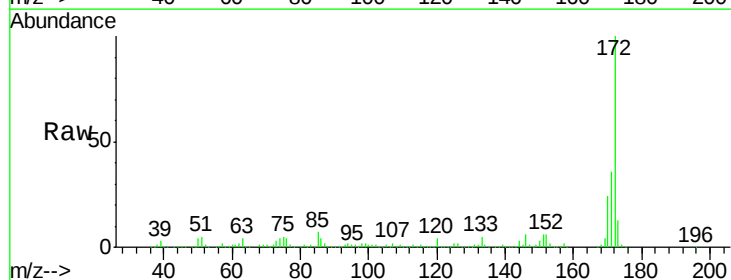


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

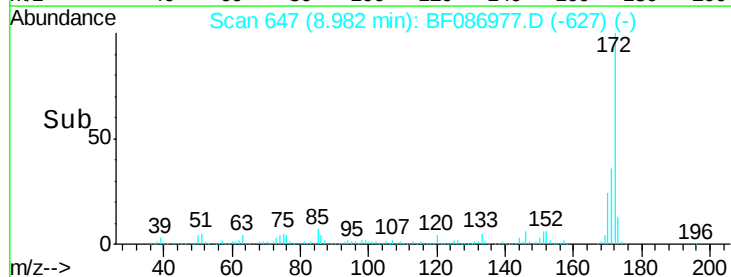
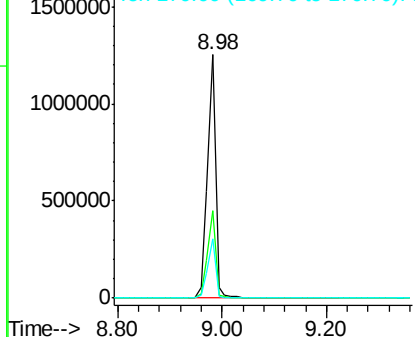


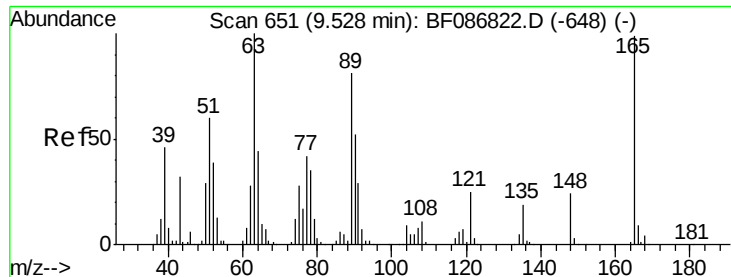
#44
 2-Fluorobiphenyl
 Concen: 83.36 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF086977.D
 Acq: 13 May 2016 18:09

Tgt Ion:172 Resp: 1350586
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.3 19.8 29.8



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

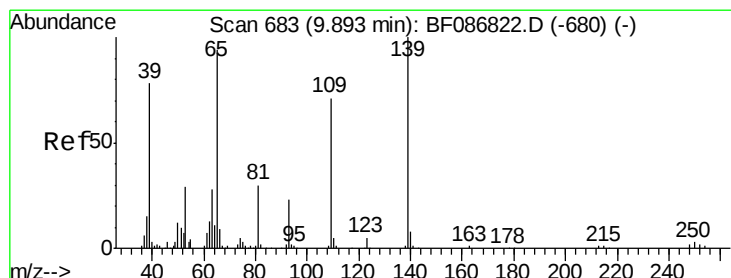
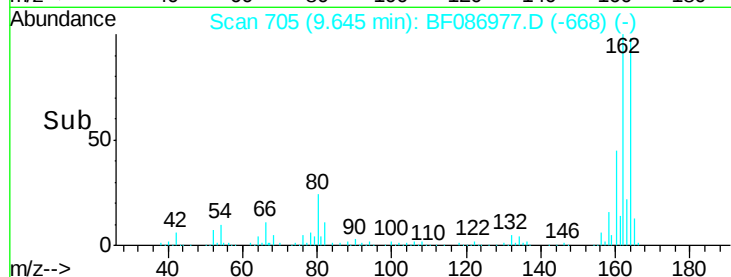
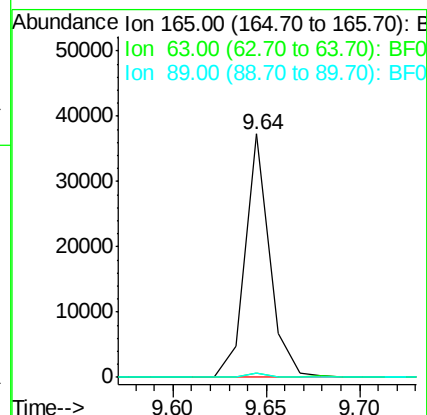
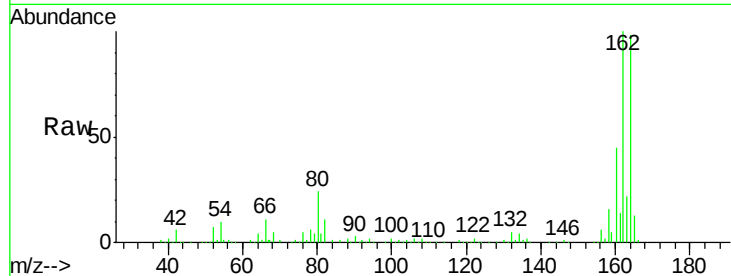




#50
 2,6-Dinitrotoluene
 Concen: 7.80 ng
 RT: 9.64 min Scan# 705
 Delta R.T. 0.12 min
 Lab File: BF086977.D
 Acq: 13 May 2016 18:09

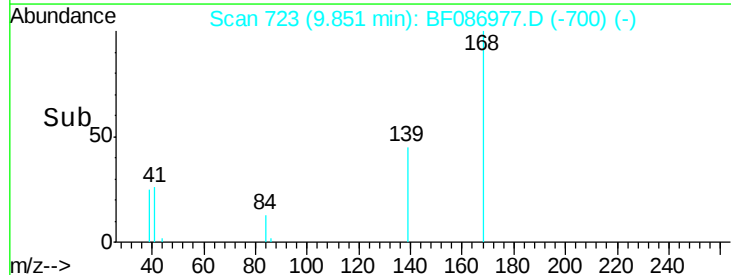
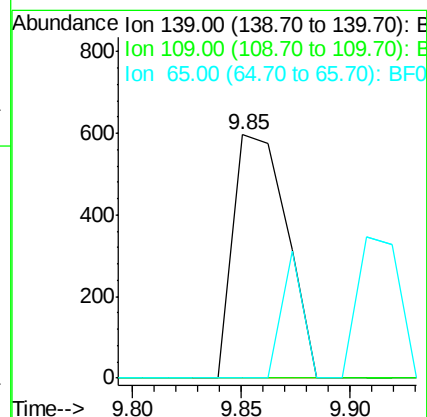
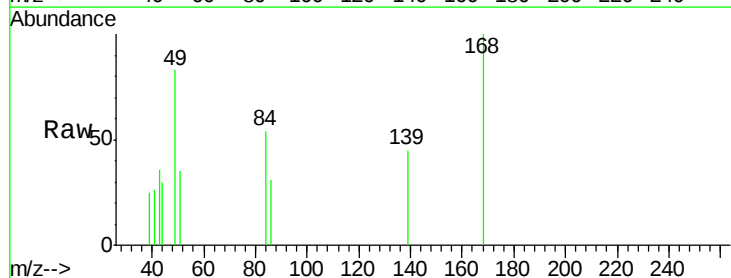
Instrument :
 BNA_F
 ClientSampleId :
 PB90587BL

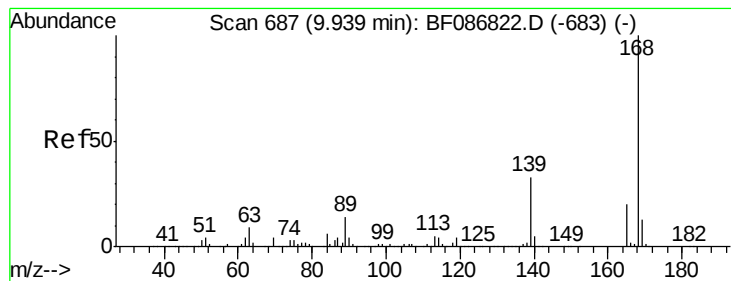
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	51.8	77.8#
89	1.9	50.7	76.1#



#55
 4-Nitrophenol
 Concen: 4.87 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.04 min
 Lab File: BF086977.D
 Acq: 13 May 2016 18:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.9	76.9#
65	0.0	64.0	104.0#





#56

2,4-Dinitrotoluene

Concen: 6.30 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.29 min

Lab File: BF086977.D

Acq: 13 May 2016 18:09

Instrument :

BNA_F

ClientSampleId :

PB90587BL

Tgt Ion:165 Resp: 34084

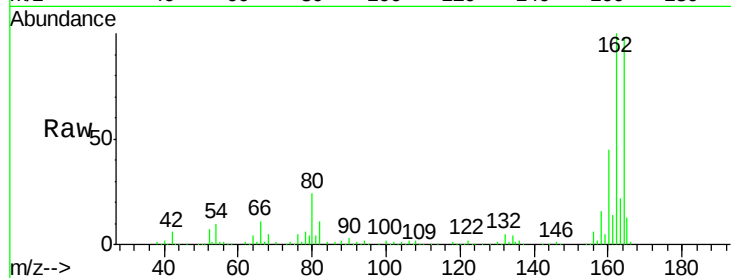
Ion Ratio Lower Upper

165 100

63 2.0 44.3 66.5#

89 1.9 70.0 105.0#

182 0.0 1.8 2.6#

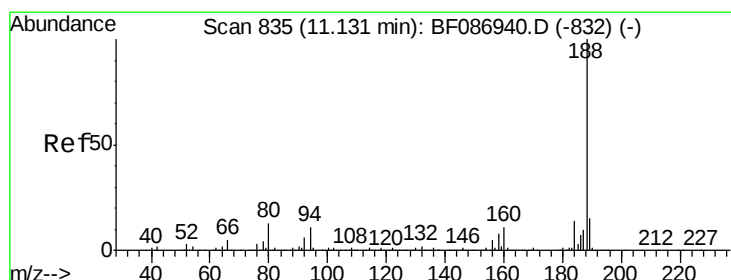
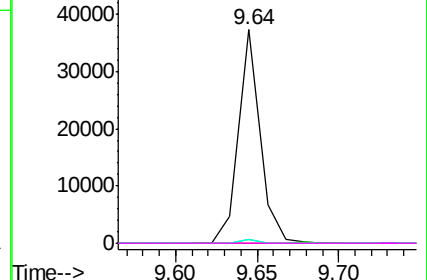
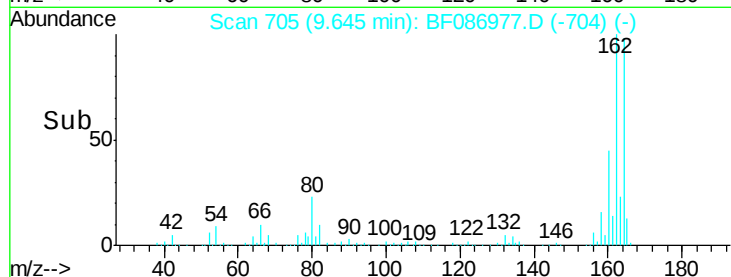


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.12 min Scan# 834

Delta R.T. -0.09 min

Lab File: BF086977.D

Acq: 13 May 2016 18:09

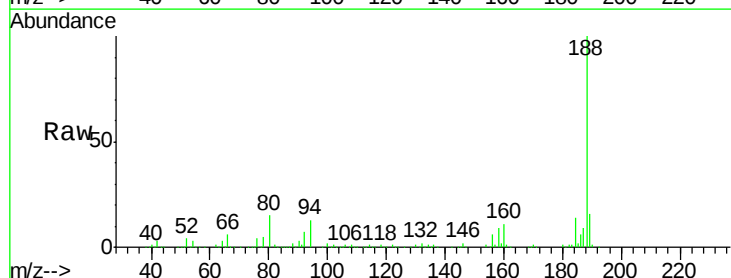
Tgt Ion:188 Resp: 546436

Ion Ratio Lower Upper

188 100

94 13.1 6.8 10.2#

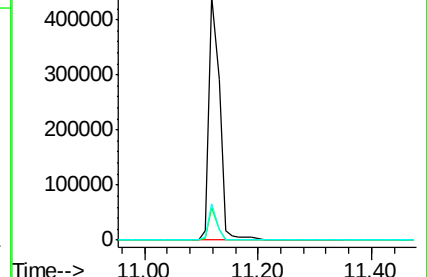
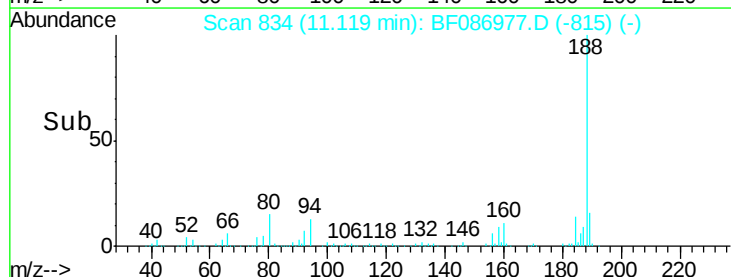
80 14.8 7.1 10.7#

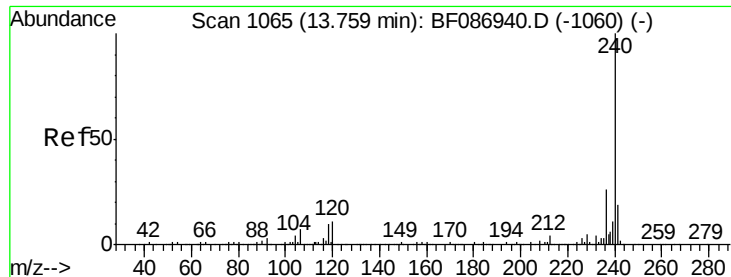


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.09 min

Lab File: BF086977.D

Acq: 13 May 2016 18:09

Instrument :

BNA_F

ClientSampleId :

PB90587BL

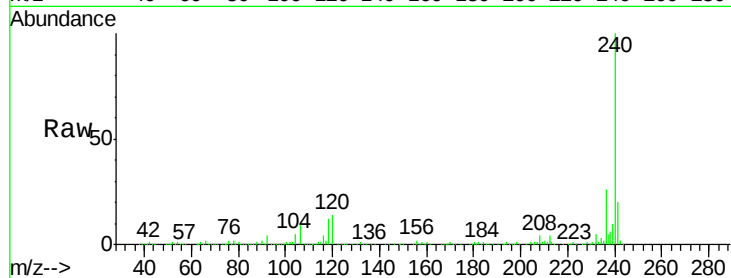
Tgt Ion:240 Resp: 512148

Ion Ratio Lower Upper

240 100

120 13.7 11.2 16.8

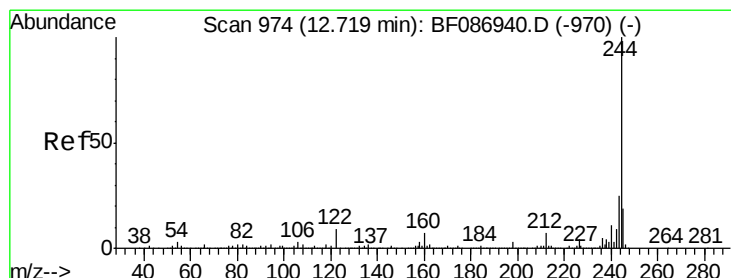
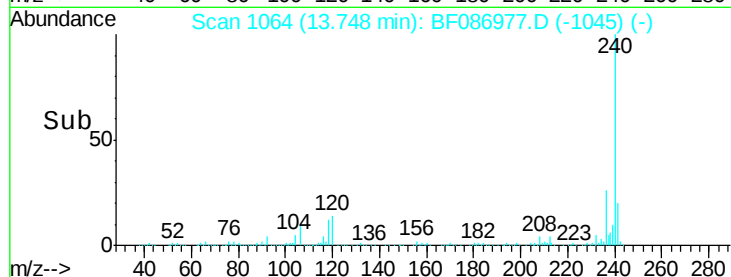
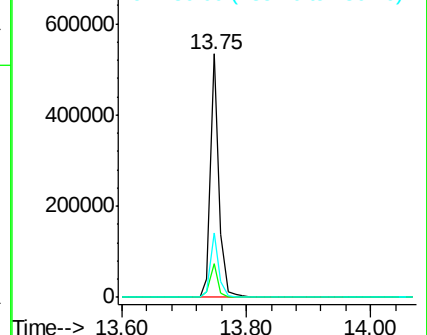
236 26.5 21.2 31.8



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: 55.77 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF086977.D

Acq: 13 May 2016 18:09

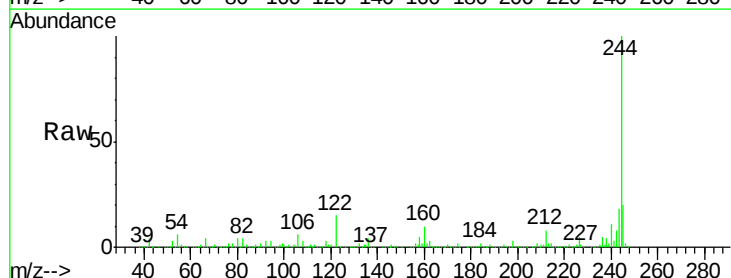
Tgt Ion:244 Resp: 1346164

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

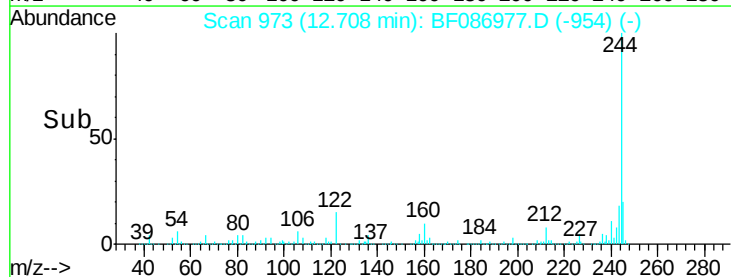
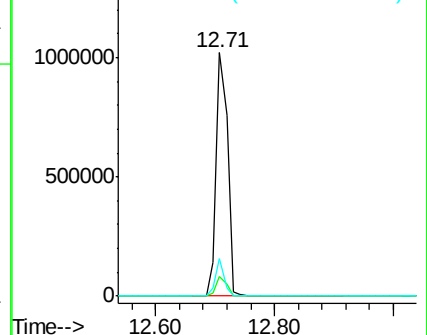
122 15.2 12.0 18.0

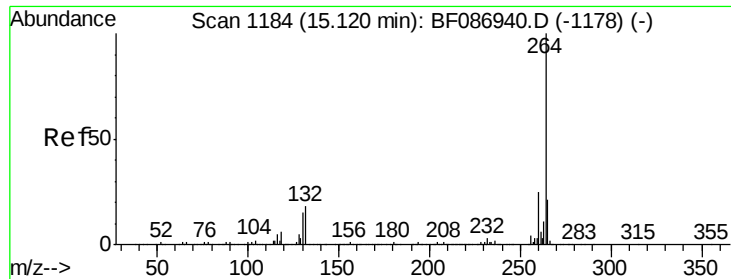


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.11 min Scan# 1183
Delta R.T. -0.10 min
Lab File: BF086977.D
Acq: 13 May 2016 18:09

Instrument :
BNA_F
ClientSampleId :
PB90587BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.5	17.3	25.9

