

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086930.D
 Acq On : 12 May 2016 15:03
 Operator : UM/SJ
 Sample : PB90495BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90495BL

Quant Time: May 13 00:47:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

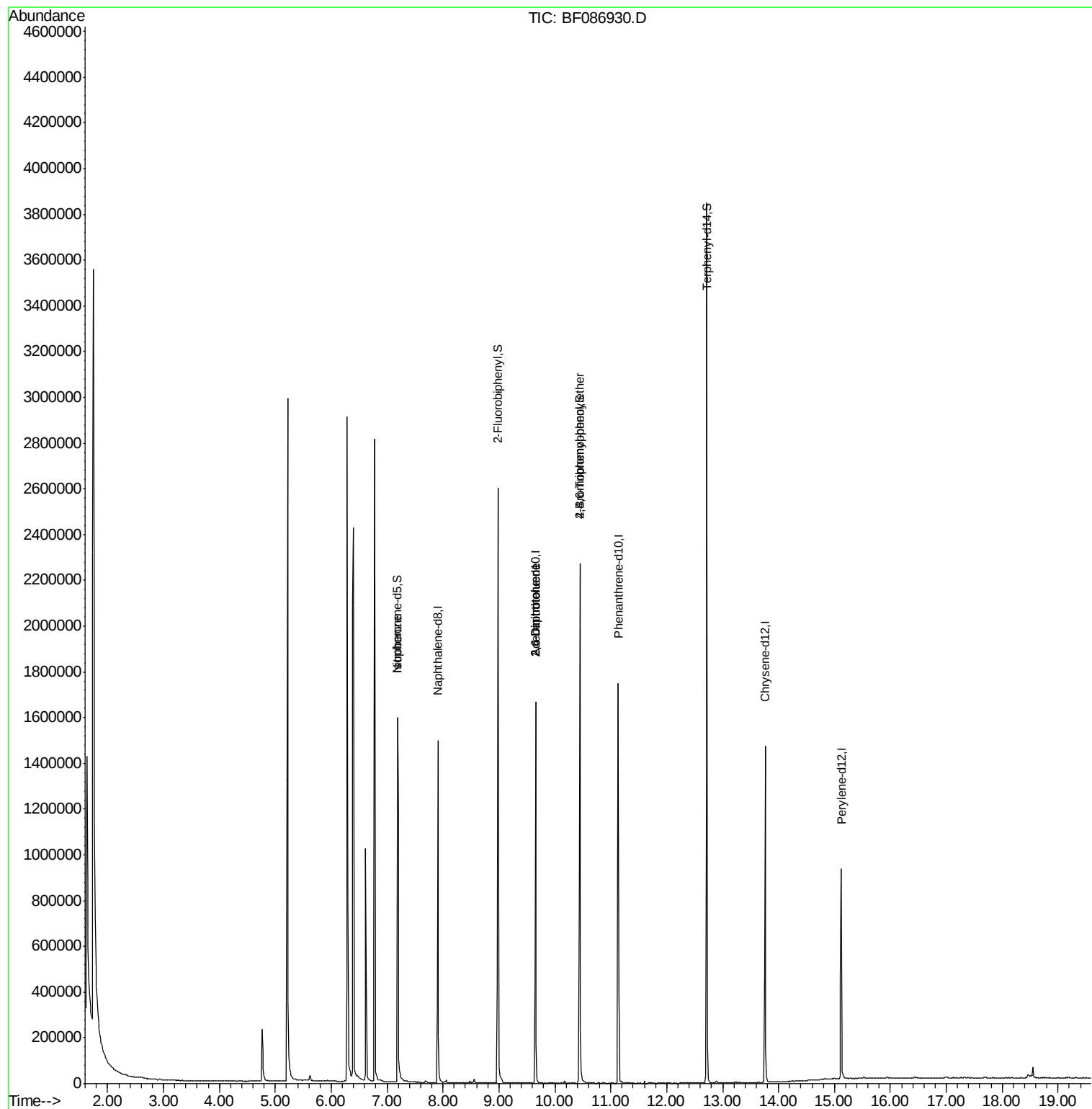
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.69
21) Naphthalene-d8	7.91	136	655006	20.00	ng	-0.08
38) Acenaphthene-d10	9.66	164	322194	20.00	ng	-0.08
63) Phenanthrene-d10	11.13	188	616165	20.00	ng	-0.08
75) Chrysene-d12	13.76	240	514355	20.00	ng	-0.08
86) Perylene-d12	15.12	264	391434	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	833048	0.00	ng	-0.07
7) Phenol-d6	6.28	99	954260	0.00	ng	-0.08
23) Nitrobenzene-d5	7.19	82	676839	51.89	ng	-0.08
41) 2,4,6-Tribromophenol	10.44	330	252631	74.06	ng	-0.08
44) 2-Fluorobiphenyl	8.98	172	1161688	60.60	ng	-0.08
78) Terphenyl-d14	12.72	244	1154567	47.63	ng	-0.08
Target Compounds						
25) Isophorone	7.19	82	643156	26.57	ng	# 68
50) 2,6-Dinitrotoluene	9.66	165	41533	8.03	ng	# 20
56) 2,4-Dinitrotoluene	9.66	165	41535	6.49	ng	# 16
66) 4-Bromophenyl-phenylether	10.44	248	16324	2.61	ng	# 1

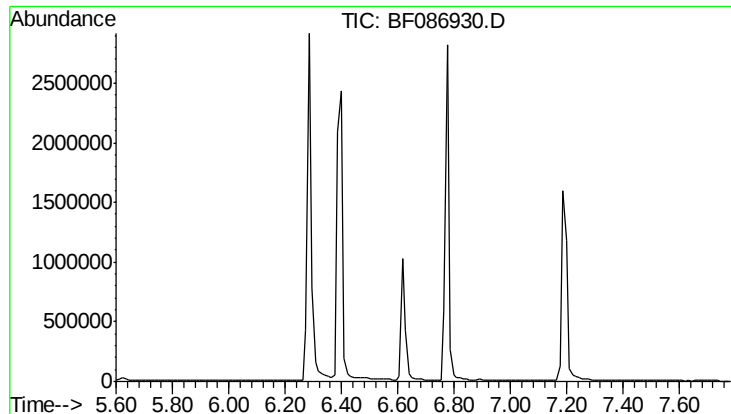
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 6.69 min

Lab File: BF086930.D

Acq: 12 May 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB90495BL

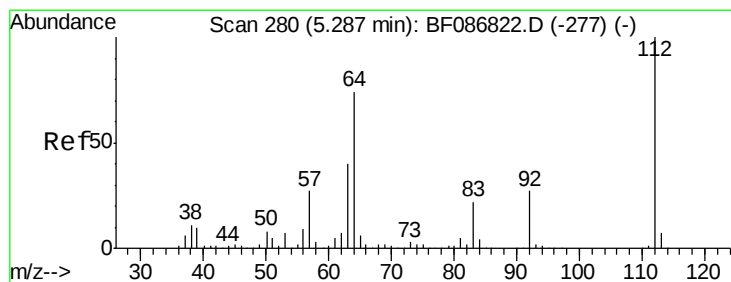
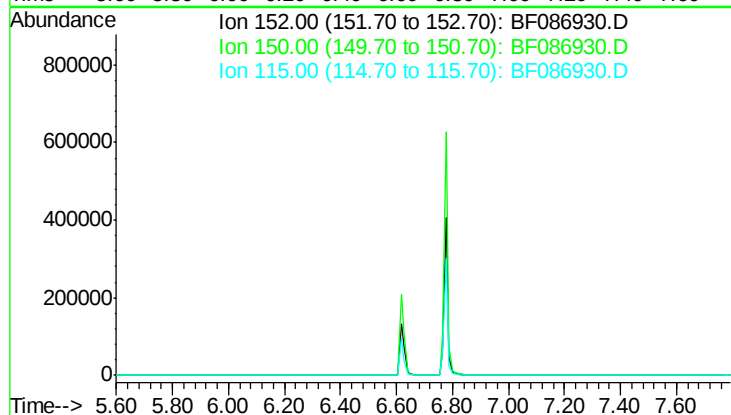
Tgt Ion: 152

Sig Exp Ratio

152 100

150 157.2

115 64.4



#5

2-Fluorophenol

Concen: 0.00 ng

RT: 5.22 min Scan# 318

Delta R.T. -0.07 min

Lab File: BF086930.D

Acq: 12 May 2016 15:03

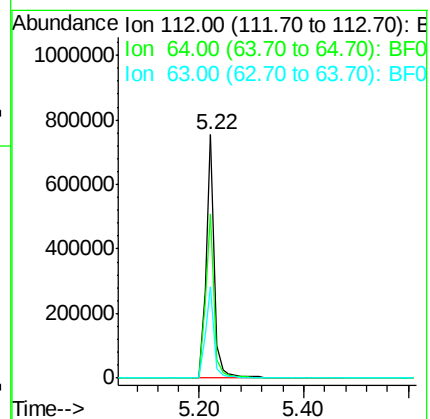
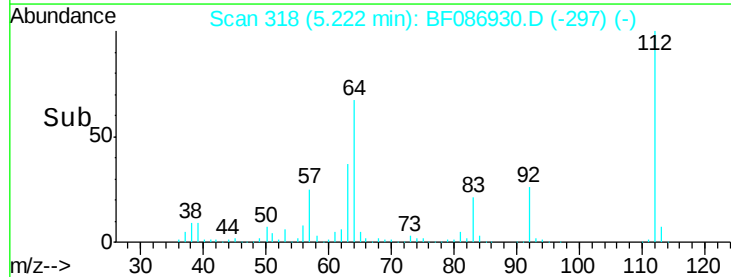
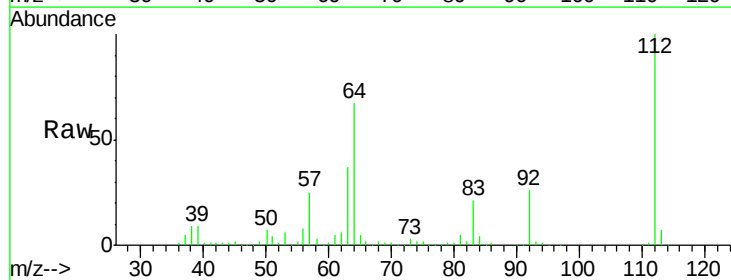
Tgt Ion: 112 Resp: 833048

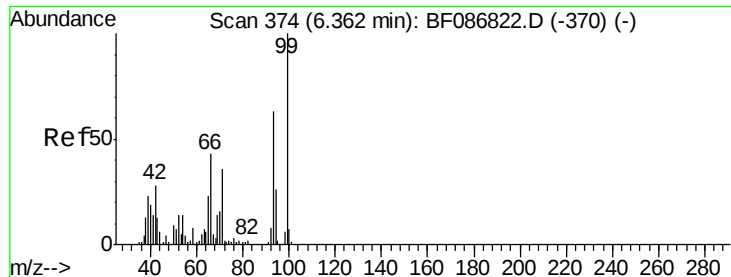
Ion Ratio Lower Upper

112 100

64 67.2 52.1 78.1

63 37.3 25.7 38.5





#7

Phenol-d6

Concen: 0.00 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF086930.D

Acq: 12 May 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB90495BL

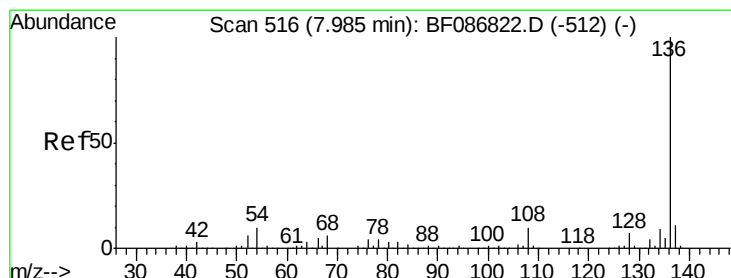
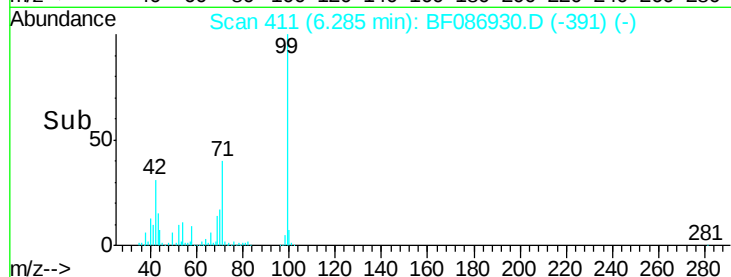
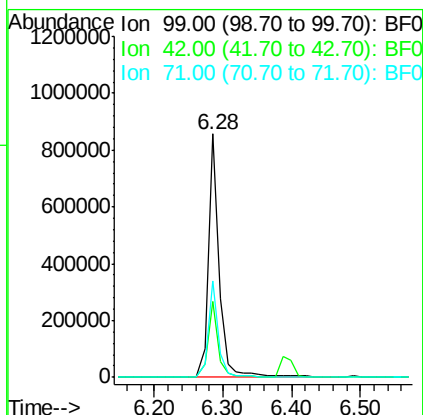
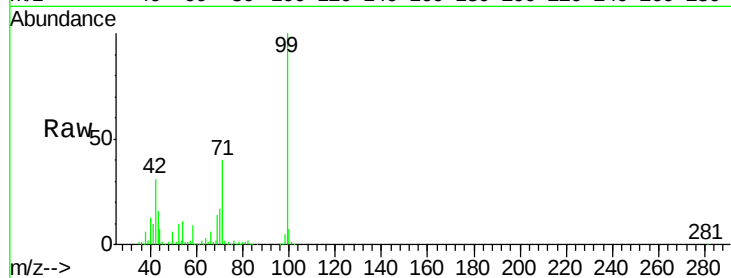
Tgt Ion: 99 Resp: 954260

Ion Ratio Lower Upper

99 100

42 31.4 13.6 20.4#

71 39.8 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.08 min

Lab File: BF086930.D

Acq: 12 May 2016 15:03

Tgt Ion: 136 Resp: 655006

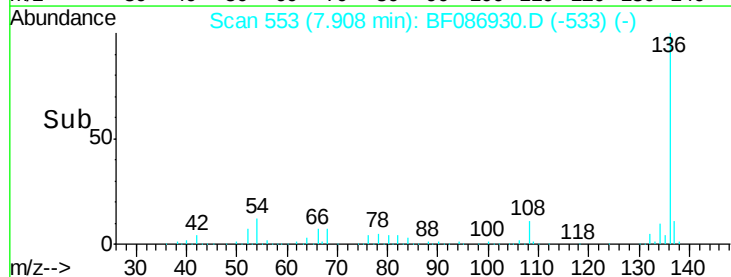
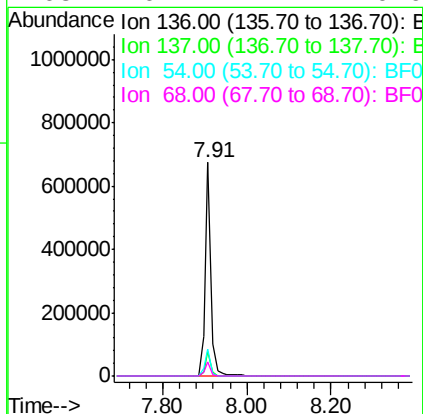
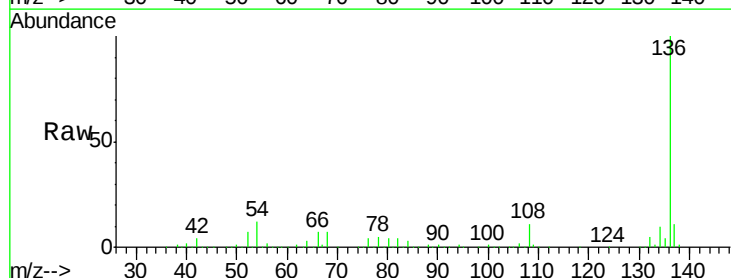
Ion Ratio Lower Upper

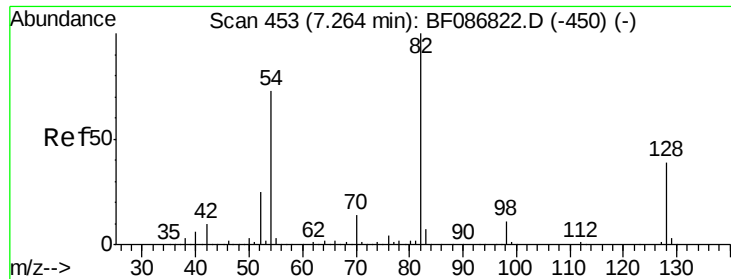
136 100

137 11.3 8.8 13.2

54 12.4 5.0 7.4#

68 6.7 4.4 6.6#

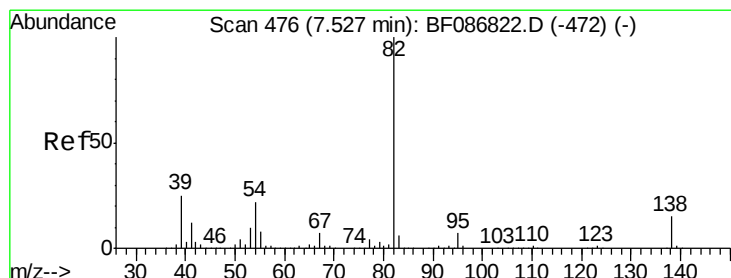
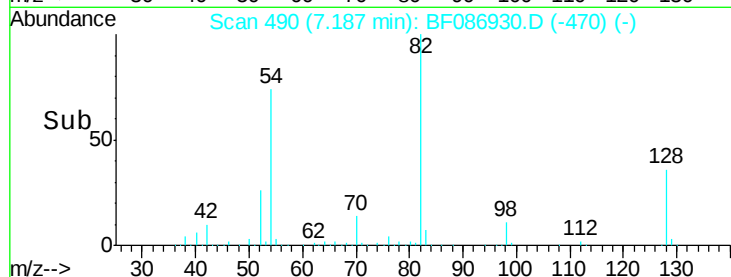
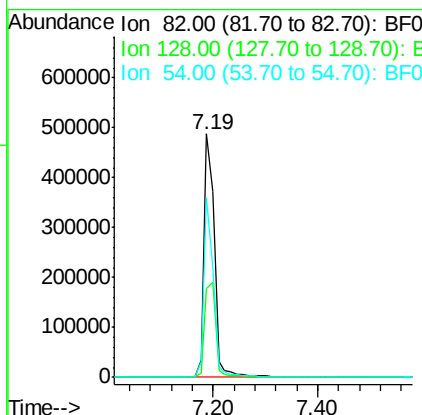
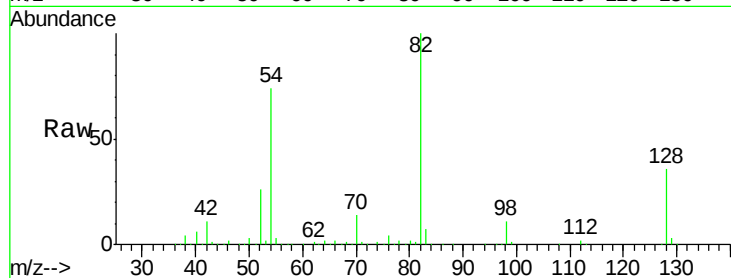




#23
 Nitrobenzene-d5
 Concen: 51.89 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.08 min
 Lab File: BF086930.D
 Acq: 12 May 2016 15:03

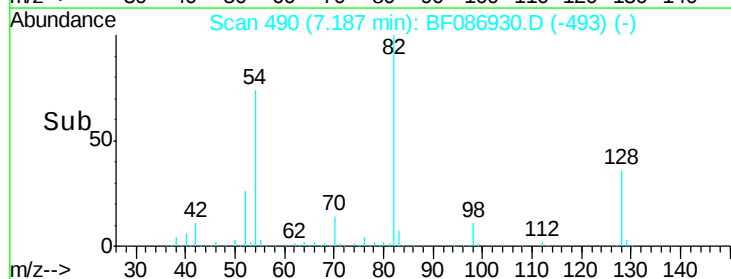
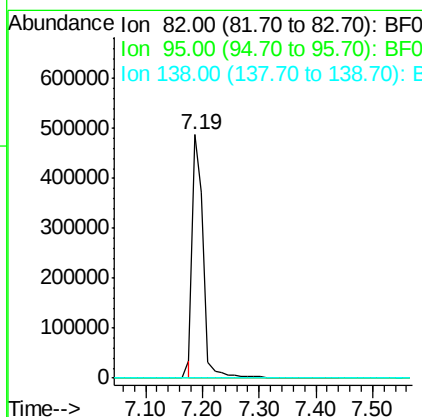
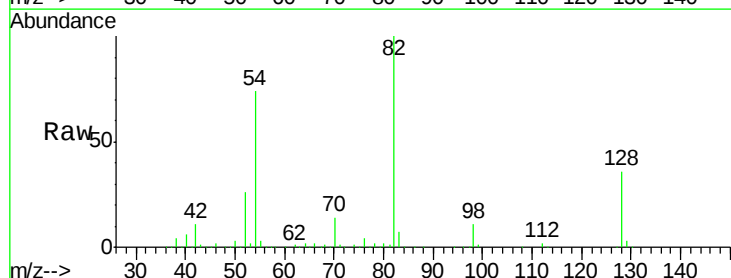
Instrument :
 BNA_F
 ClientSampleId :
 PB90495BL

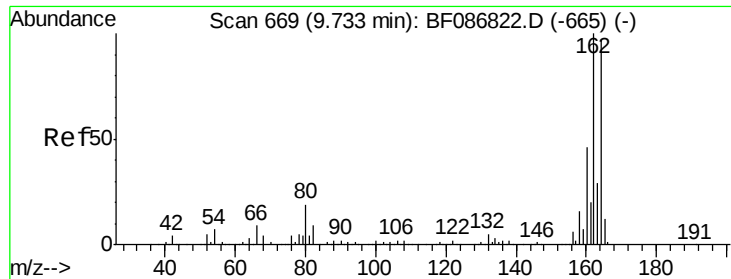
Tgt Ion: 82 Resp: 676839
 Ion Ratio Lower Upper
 82 100
 128 36.2 40.6 61.0#
 54 73.7 38.1 57.1#



#25
 Isophorone
 Concen: 26.57 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.34 min
 Lab File: BF086930.D
 Acq: 12 May 2016 15:03

Tgt Ion: 82 Resp: 643156
 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: 9.66 min Scan# 706

Delta R.T. -0.08 min

Lab File: BF086930.D

Acq: 12 May 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB90495BL

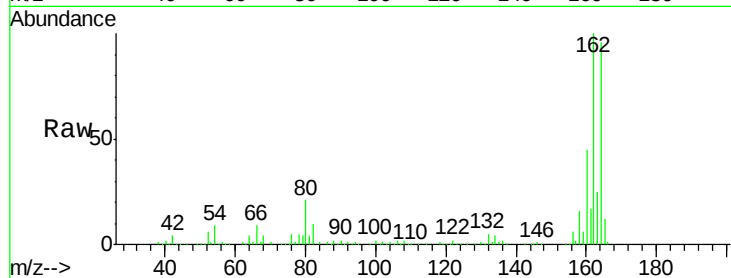
Tgt Ion:164 Resp: 322194

Ion Ratio Lower Upper

164 100

162 104.2 82.8 124.2

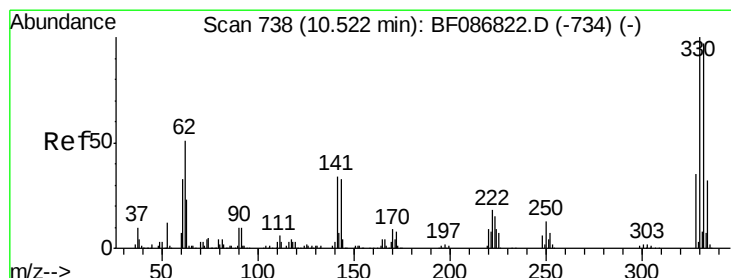
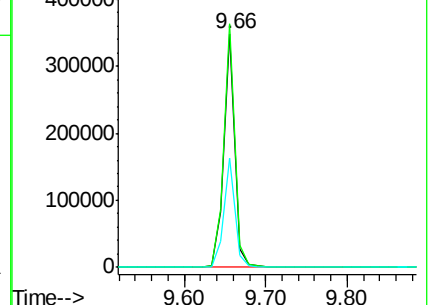
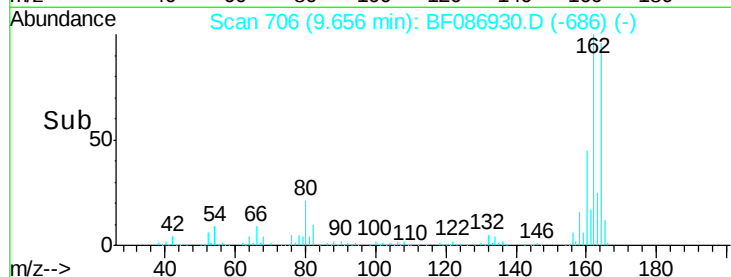
160 47.0 36.9 55.3



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: 74.06 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.08 min

Lab File: BF086930.D

Acq: 12 May 2016 15:03

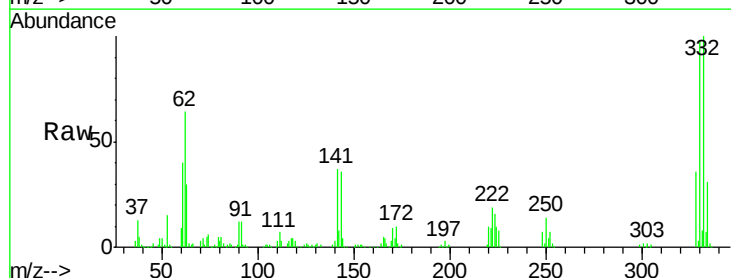
Tgt Ion:330 Resp: 252631

Ion Ratio Lower Upper

330 100

332 100.4 79.0 118.4

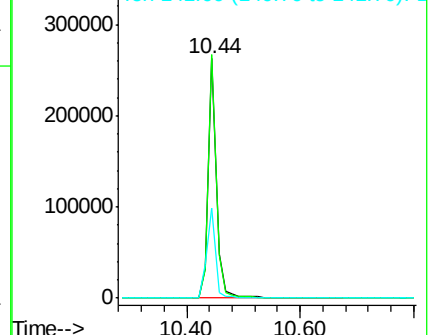
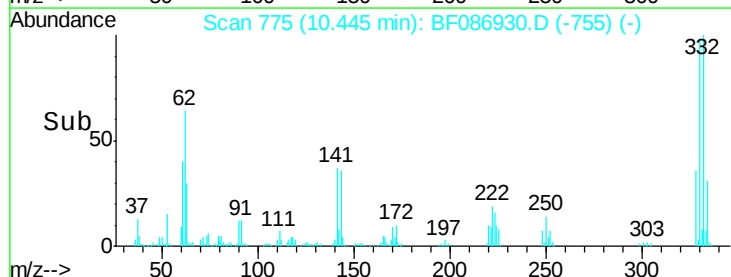
141 40.6 31.2 46.8

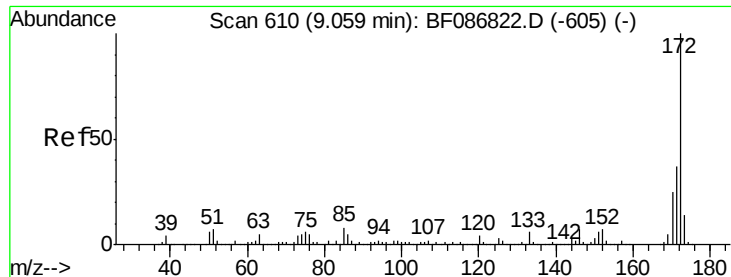


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

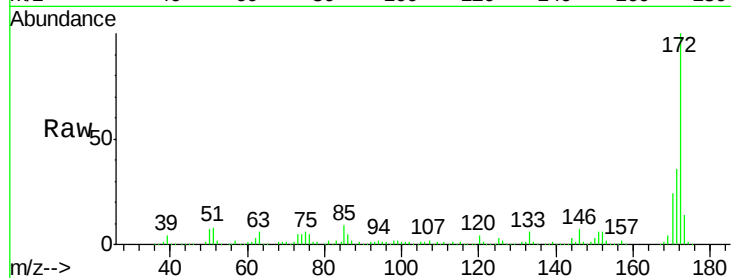




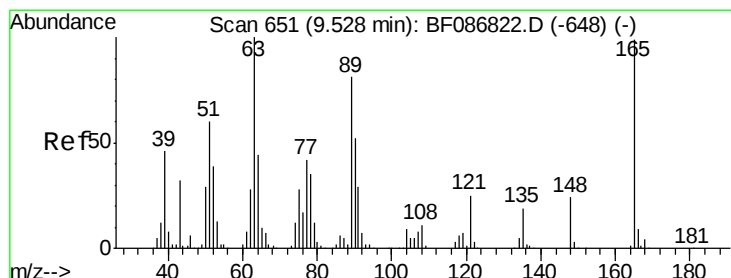
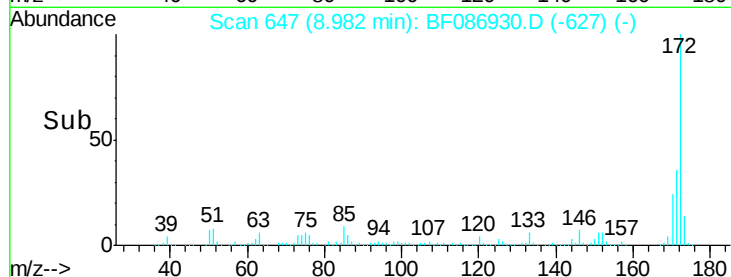
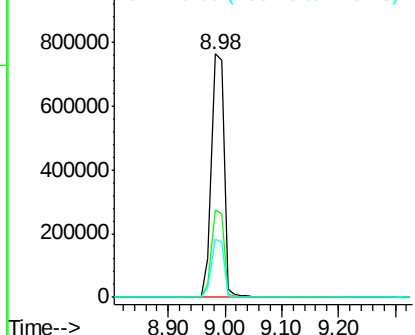
#44
 2-Fluorobiphenyl
 Concen: 60.60 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF086930.D
 Acq: 12 May 2016 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB90495BL

Tgt Ion:172 Resp: 1161688
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 23.8 19.8 29.8

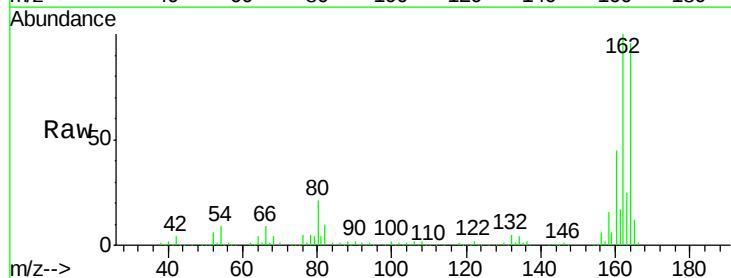


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

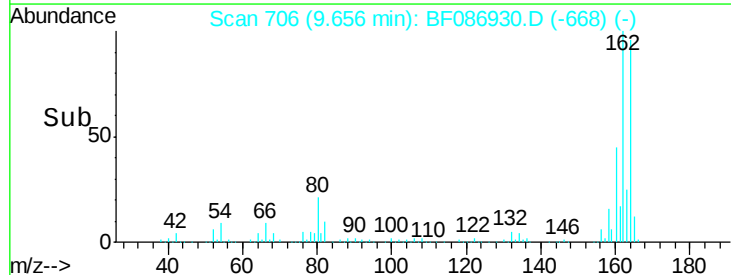
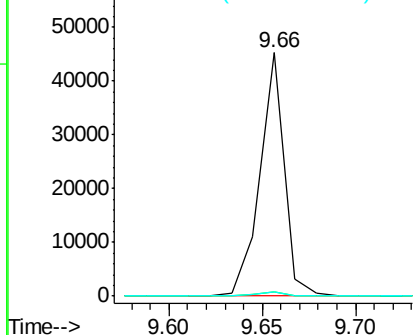


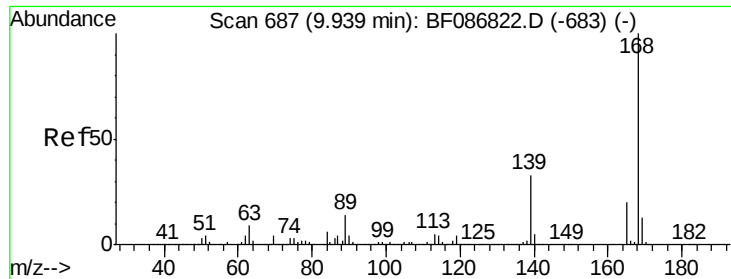
#50
 2,6-Dinitrotoluene
 Concen: 8.03 ng
 RT: 9.66 min Scan# 706
 Delta R.T. 0.13 min
 Lab File: BF086930.D
 Acq: 12 May 2016 15:03

Tgt Ion:165 Resp: 41533
 Ion Ratio Lower Upper
 165 100
 63 1.8 51.8 77.8#
 89 1.9 50.7 76.1#



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

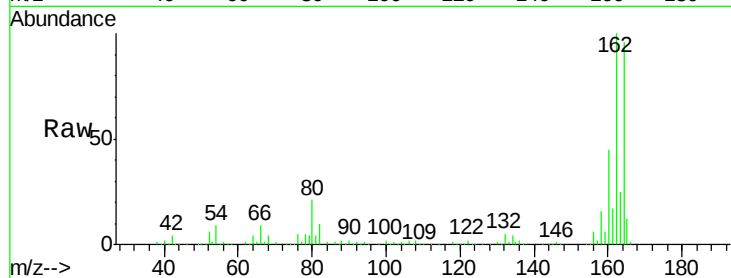




#56
 2,4-Dinitrotoluene
 Concen: 6.49 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.28 min
 Lab File: BF086930.D
 Acq: 12 May 2016 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB90495BL

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	41535		
63	1.8	44.3	66.5#	
89	1.9	70.0	105.0#	
182	0.0	1.8	2.6#	

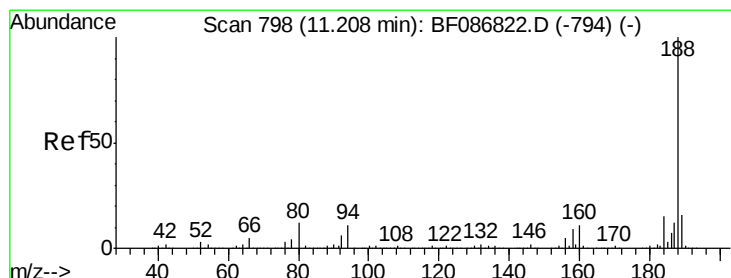
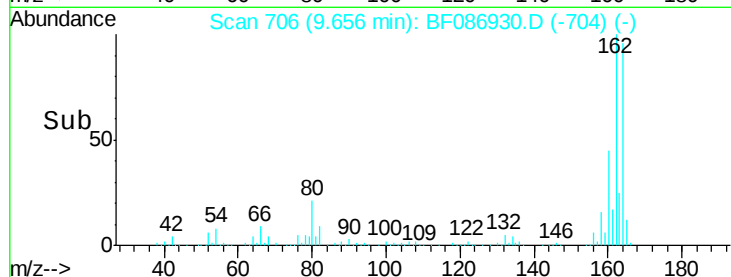
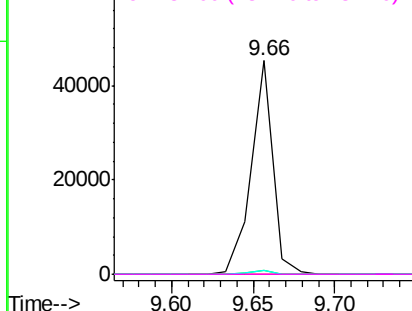


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

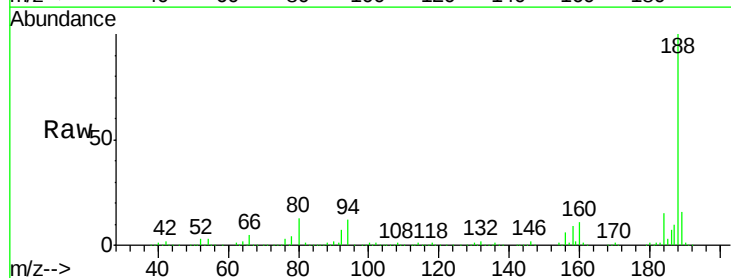
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.08 min
 Lab File: BF086930.D
 Acq: 12 May 2016 15:03

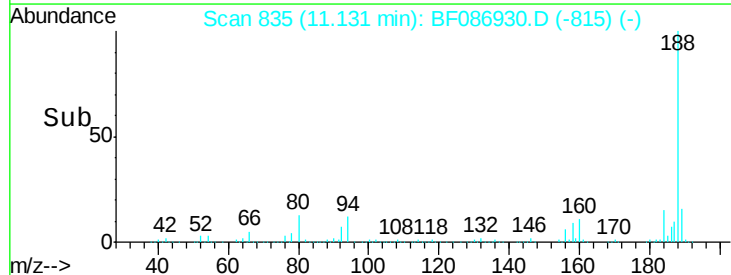
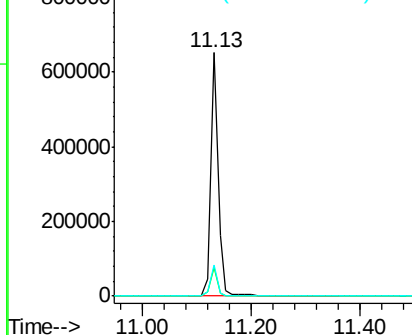
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	616165		
94	11.6	6.8	10.2#	
80	12.9	7.1	10.7#	

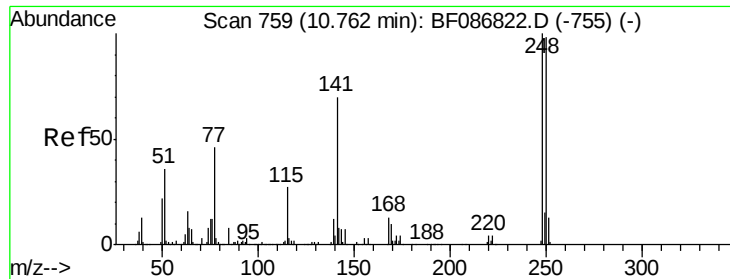


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

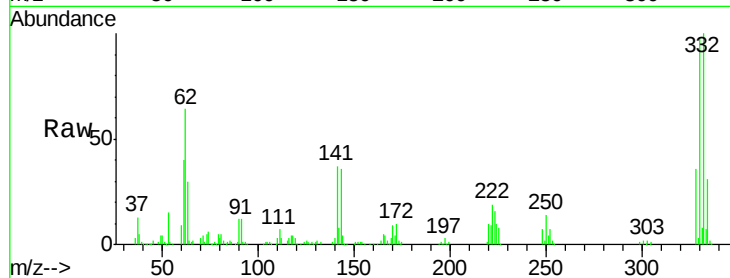




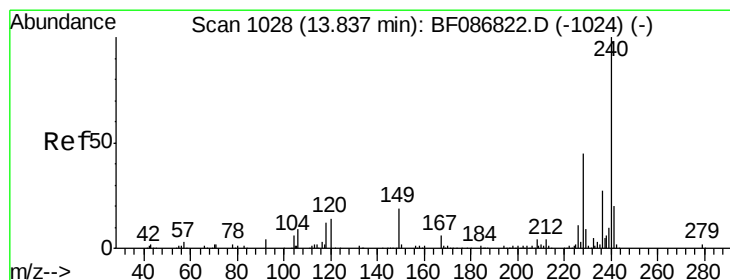
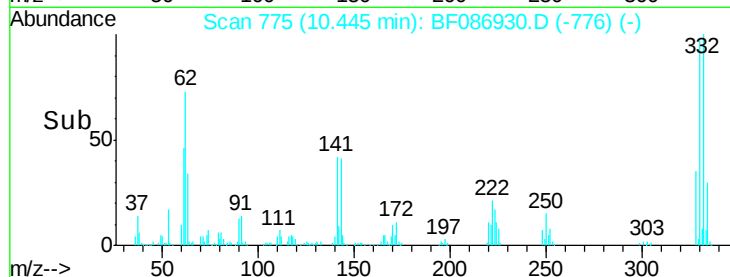
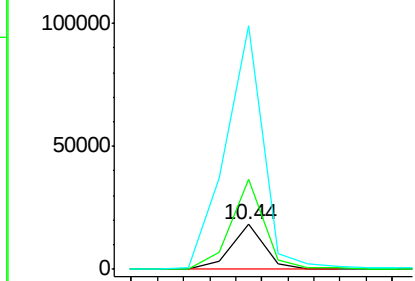
#66
 4-Bromophenyl-phenylether
 Concen: 2.61 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.32 min
 Lab File: BF086930.D
 Acq: 12 May 2016 15:03

Instrument :
 BNA_F
 ClientSampled :
 PB90495BL

Tgt Ion:248 Resp: 16324
 Ion Ratio Lower Upper
 248 100
 250 200.6 78.6 117.8#
 141 544.4 76.0 114.0#

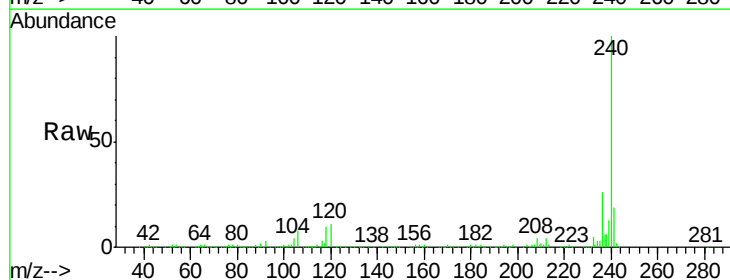


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

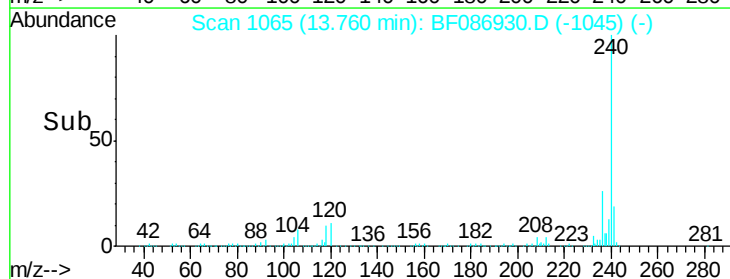
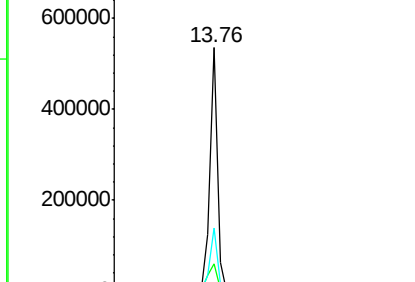


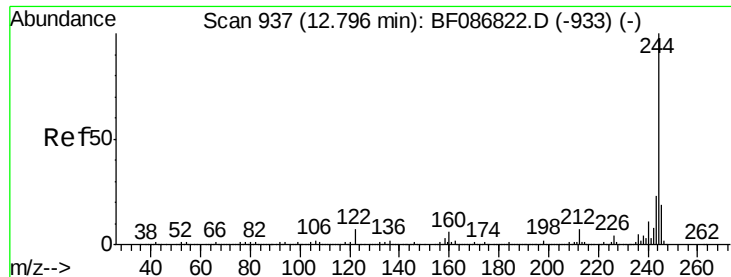
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. -0.08 min
 Lab File: BF086930.D
 Acq: 12 May 2016 15:03

Tgt Ion:240 Resp: 514355
 Ion Ratio Lower Upper
 240 100
 120 11.2 11.2 16.8#
 236 26.1 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

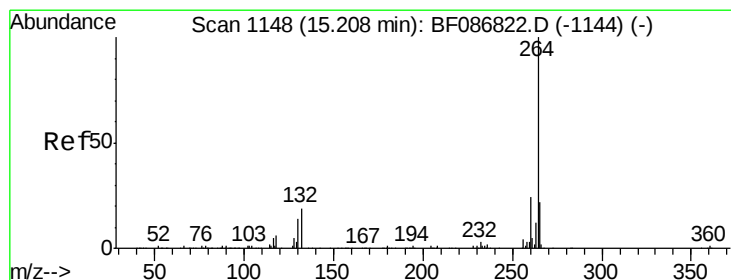
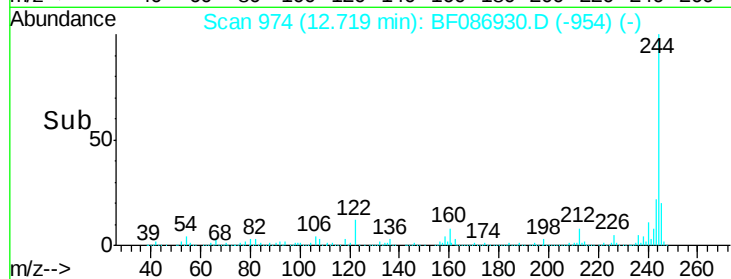
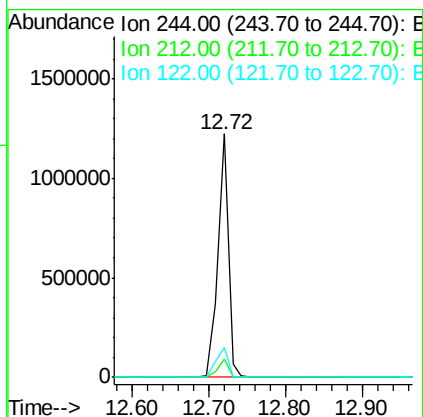
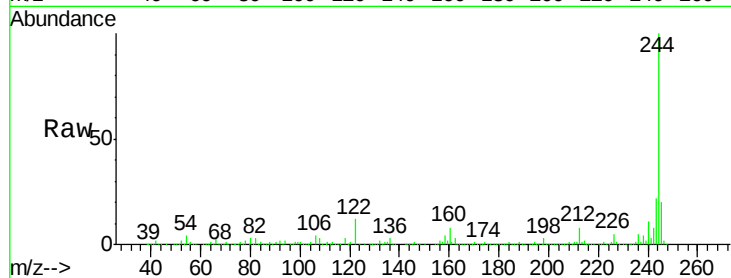




#78
 Terphenyl-d14
 Concen: 47.63 ng
 RT: 12.72 min Scan# 974
 Delta R.T. -0.08 min
 Lab File: BF086930.D
 Acq: 12 May 2016 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB90495BL

Tgt Ion:244 Resp: 1154567
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 12.2 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1184
 Delta R.T. -0.09 min
 Lab File: BF086930.D
 Acq: 12 May 2016 15:03

Tgt Ion:264 Resp: 391434
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.5 29.3
 265 22.5 17.3 25.9

