

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086231.D
 Acq On : 15 Apr 2016 22:10
 Operator : UM/SJ
 Sample : H2402-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-4-7-16

Quant Time: Apr 16 00:29:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

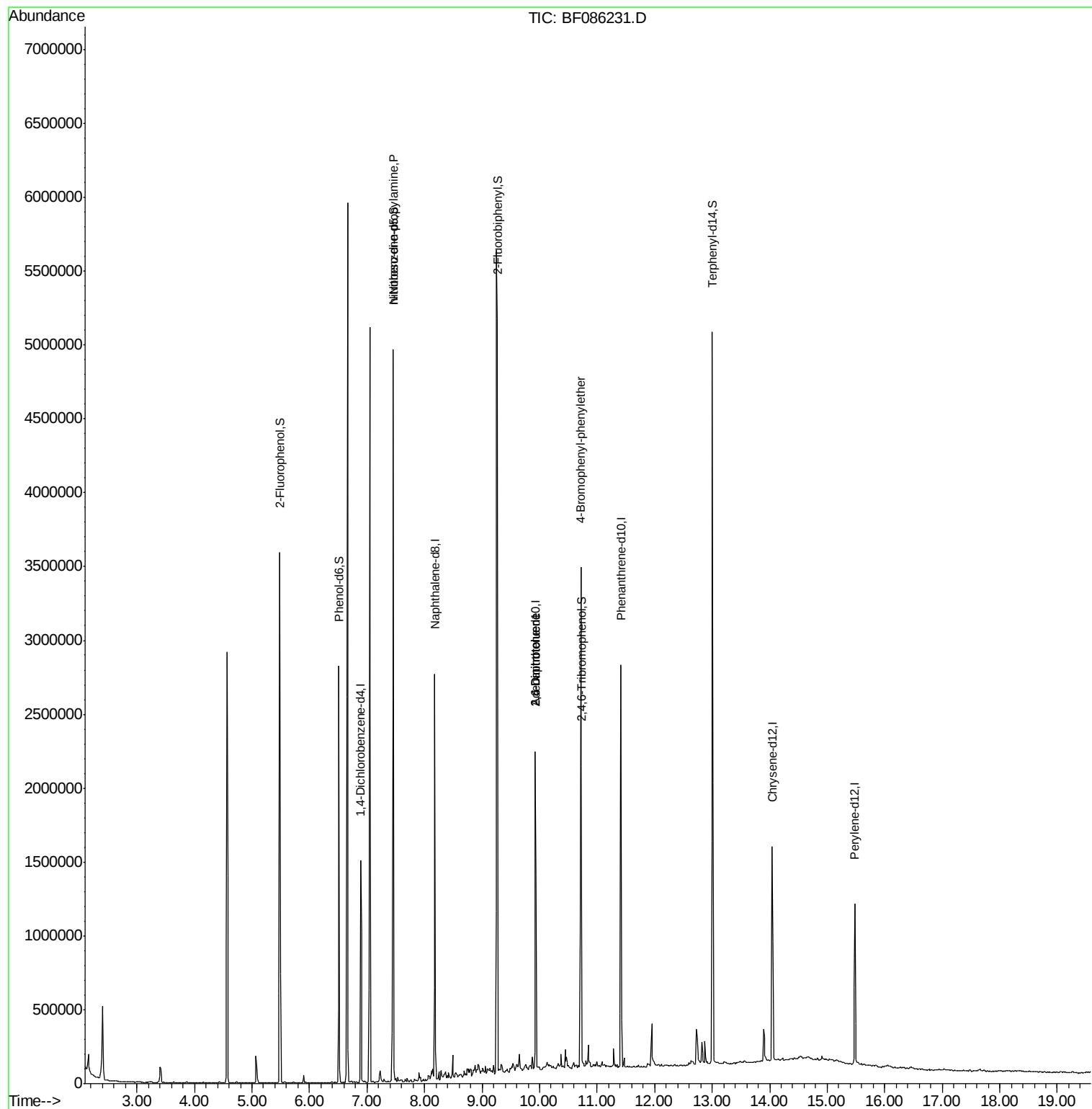
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	284046	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1172288	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	511745	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	898842	20.00	ng	0.00
75) Chrysene-d12	14.04	240	567658	20.00	ng	-0.01
86) Perylene-d12	15.48	264	477930	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	996102	57.46	ng	0.00
7) Phenol-d6	6.51	99	857212	39.53	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1812198	89.16	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	541663	131.82	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2660228	95.92	ng	0.00
78) Terphenyl-d14	13.00	244	1822291	80.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	255034	18.38	ng	# 83
22) Acetophenone	7.30	105	3101	Below	Cal	# 95
50) 2,6-Dinitrotoluene	9.93	165	66878	8.12	ng	# 32
56) 2,4-Dinitrotoluene	9.93	165	66878	6.35	ng	# 31
57) Fluorene	10.48	166	1998	Below	Cal	# 80
66) 4-Bromophenyl-phenylether	10.72	248	34195	4.08	ng	# 1
71) Anthracene	11.48	178	3988	Below	Cal	# 67
74) Fluoranthene	12.63	202	5766	Below	Cal	# 90

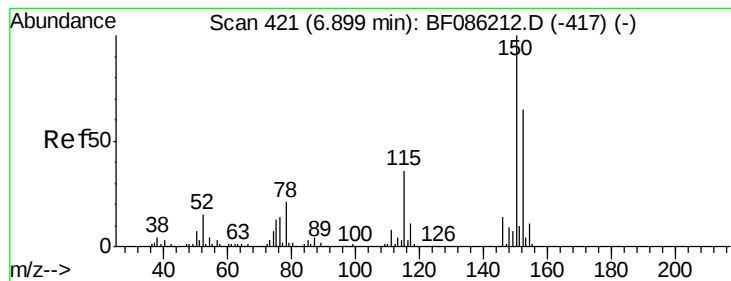
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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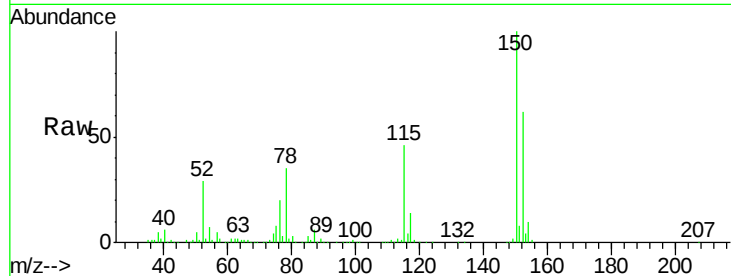




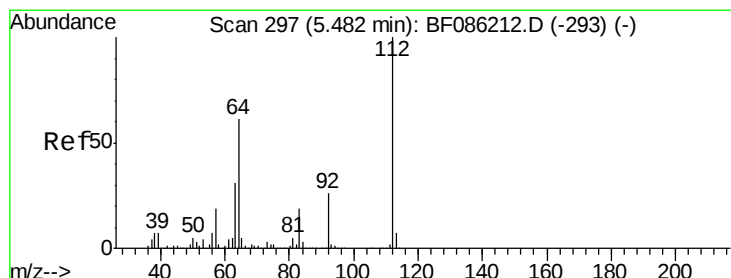
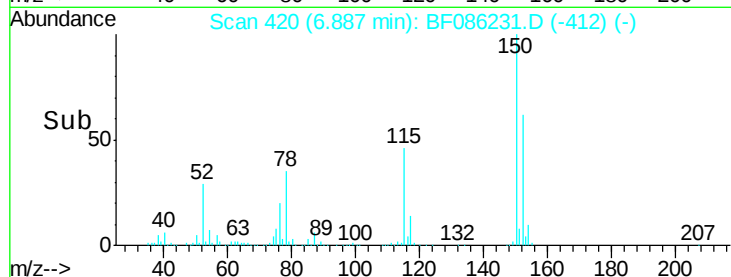
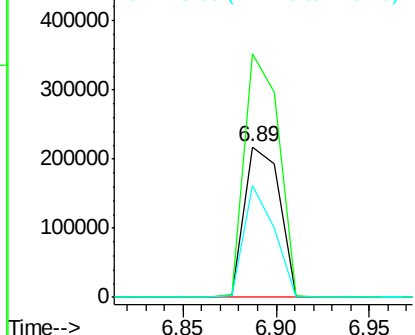
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF086231.D
 Acq: 15 Apr 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-4-7-16

Tgt Ion:152 Resp: 284046
 Ion Ratio Lower Upper
 152 100
 150 162.1 124.1 186.1
 115 74.7 43.9 65.9#

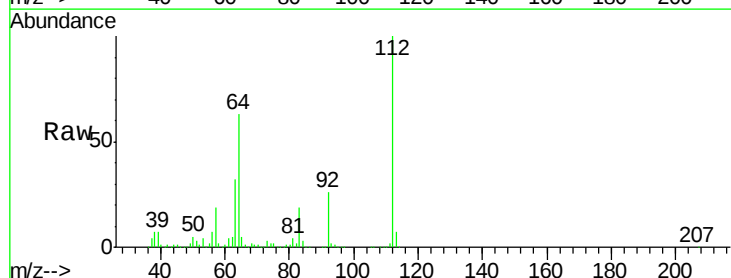


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

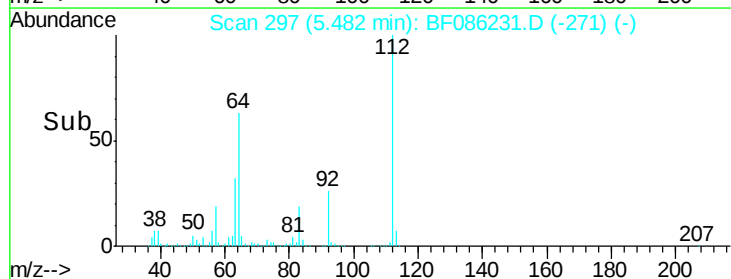
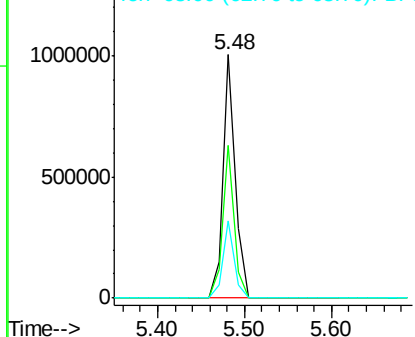


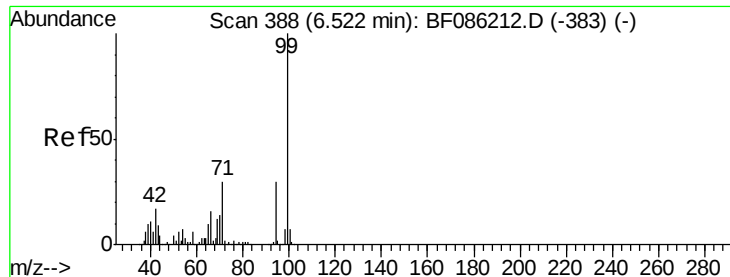
#5
 2-Fluorophenol
 Concen: 57.46 ng
 RT: 5.48 min Scan# 297
 Delta R.T. 0.00 min
 Lab File: BF086231.D
 Acq: 15 Apr 2016 22:10

Tgt Ion:112 Resp: 996102
 Ion Ratio Lower Upper
 112 100
 64 62.9 48.1 72.1
 63 31.6 25.5 38.3



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: 39.53 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086231.D

Acq: 15 Apr 2016 22:10

Instrument :

BNA_F

ClientSampleId :

MW-3-4-7-16

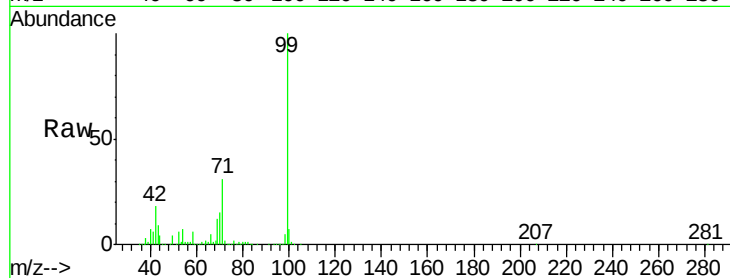
Tgt Ion: 99 Resp: 857212

Ion Ratio Lower Upper

99 100

42 17.9 15.4 23.2

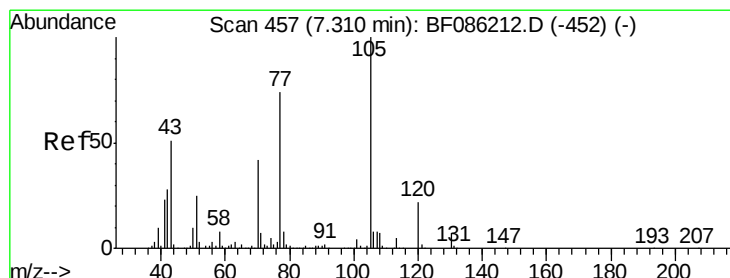
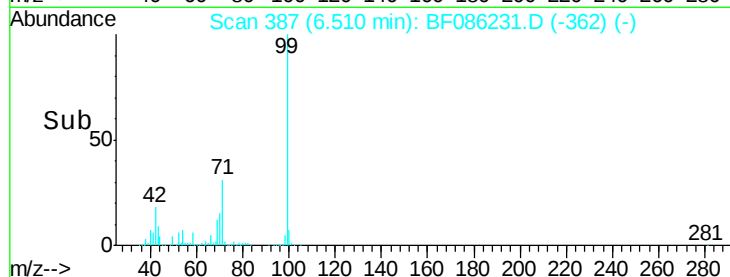
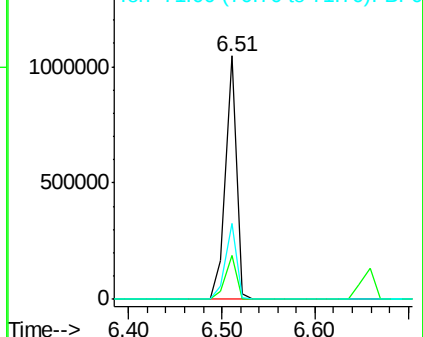
71 31.2 25.6 38.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.38 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.15 min

Lab File: BF086231.D

Acq: 15 Apr 2016 22:10

Tgt Ion: 70 Resp: 255034

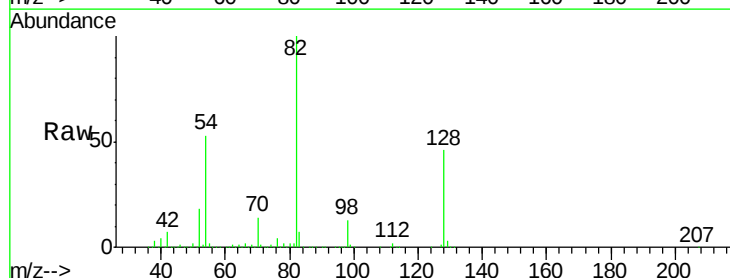
Ion Ratio Lower Upper

70 100

42 52.0 43.0 64.4

101 0.0 8.1 12.1#

130 2.2 20.1 30.1#

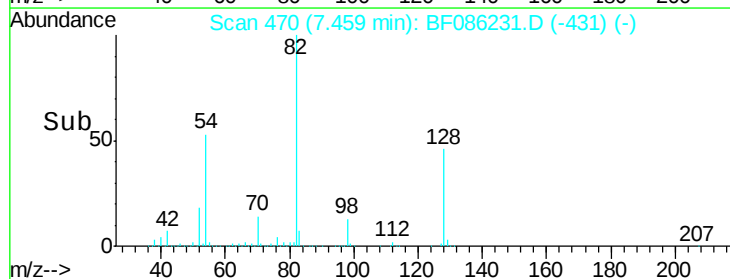
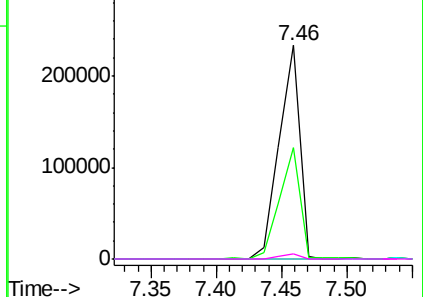


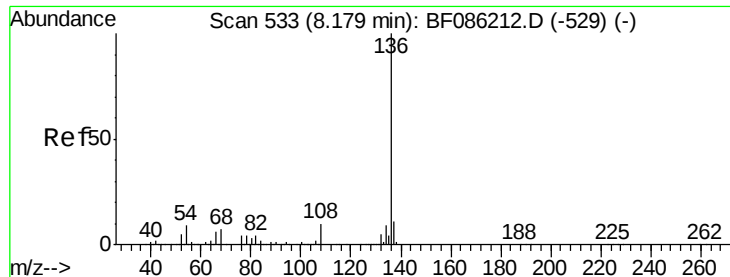
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



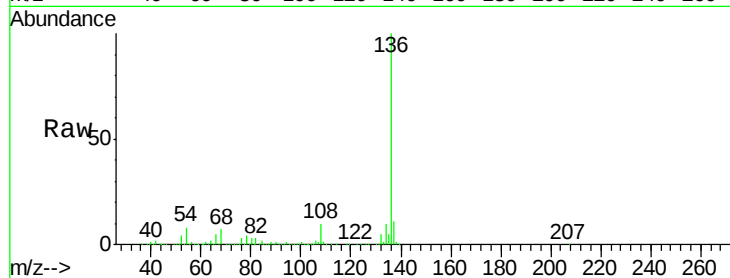


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF086231.D
Acq: 15 Apr 2016 22:10

Instrument :
BNA_F
ClientSampleId :
MW-3-4-7-16

Tgt Ion: 136 Resp: 1172288

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	7.8	7.3	10.9
68	6.9	5.7	8.5



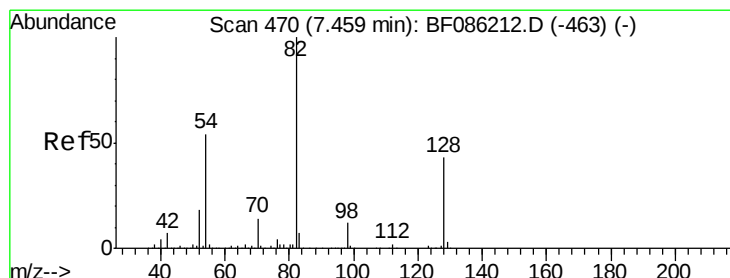
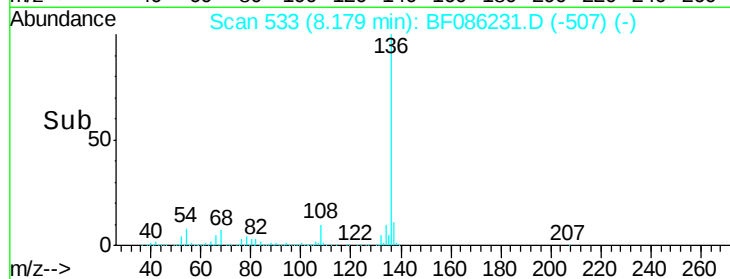
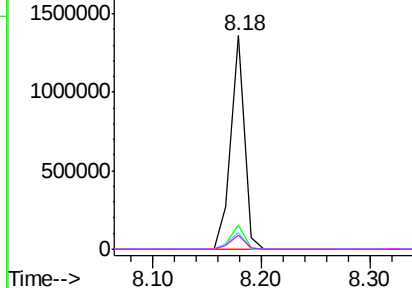
Abundance

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

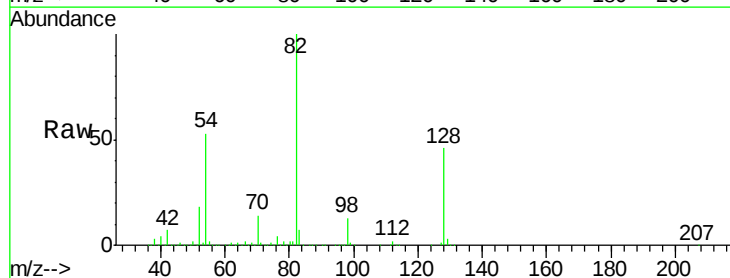
Ion 68.00 (67.70 to 68.70): BF0



#23
Nitrobenzene-d5
Concen: 89.16 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF086231.D
Acq: 15 Apr 2016 22:10

Tgt Ion: 82 Resp: 1812198

Ion	Ratio	Lower	Upper
82	100		
128	46.5	35.4	53.2
54	53.3	43.4	65.0

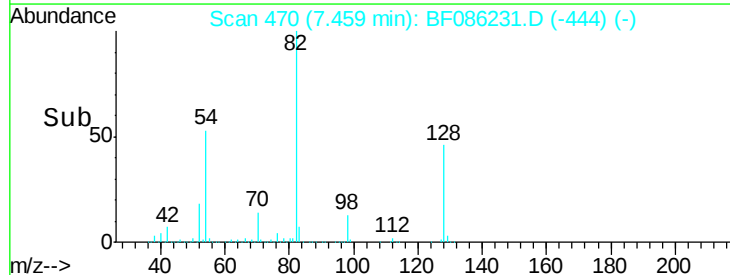
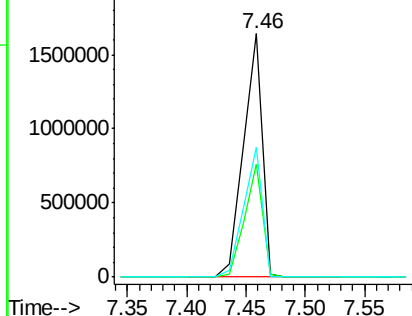


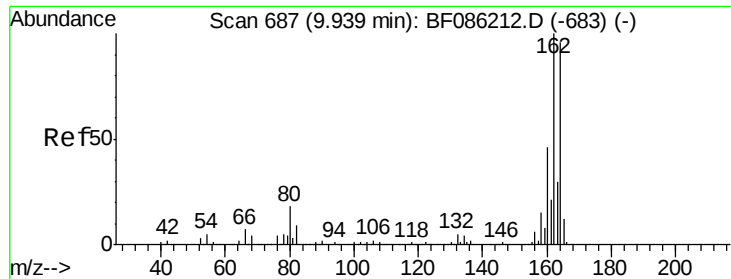
Abundance

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

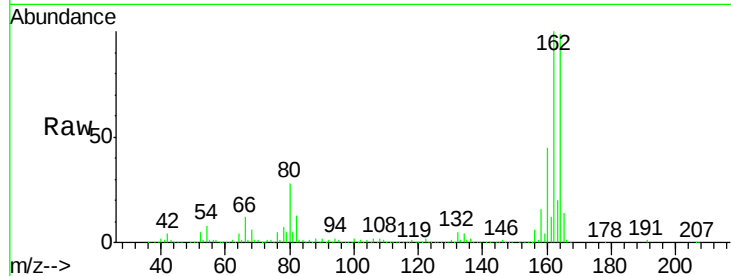




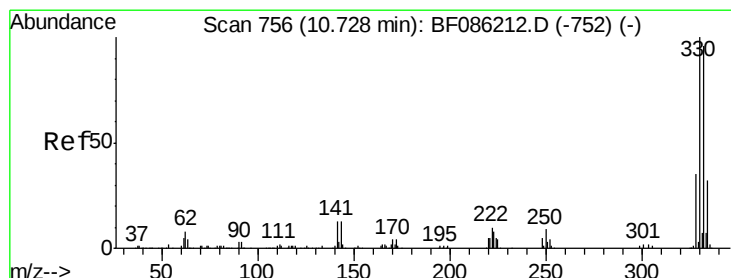
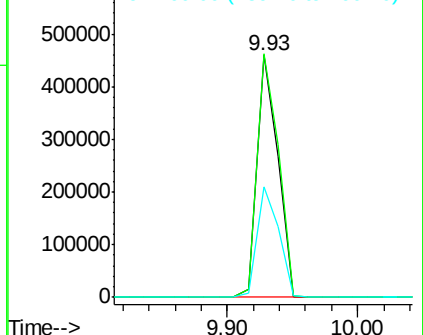
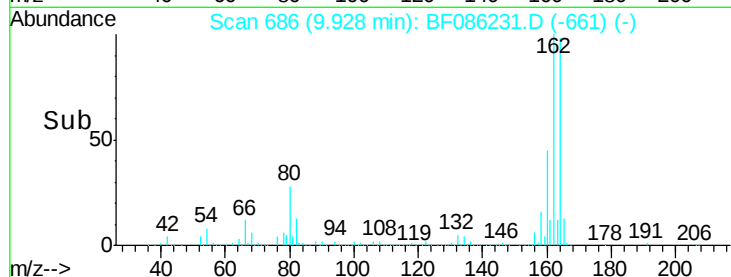
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF086231.D
 Acq: 15 Apr 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-4-7-16

Tgt Ion:164 Resp: 511745
 Ion Ratio Lower Upper
 164 100
 162 100.6 82.8 124.2
 160 45.5 38.9 58.3

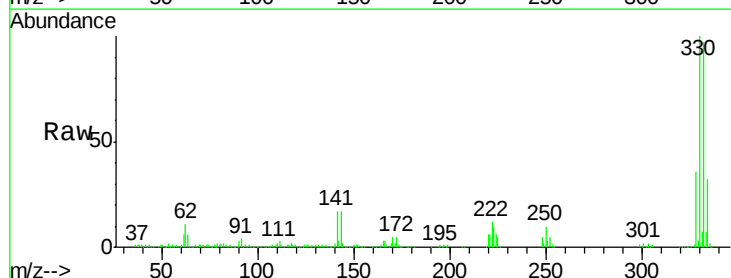


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

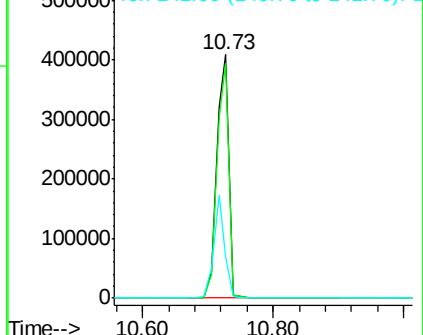
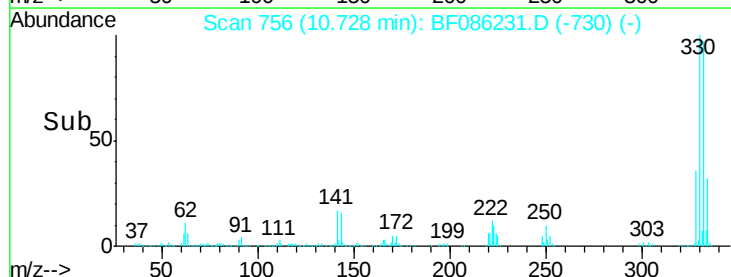


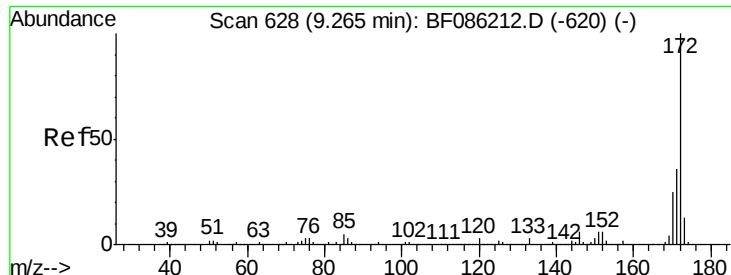
#41
 2,4,6-Tribromophenol
 Concen: 131.82 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF086231.D
 Acq: 15 Apr 2016 22:10

Tgt Ion:330 Resp: 541663
 Ion Ratio Lower Upper
 330 100
 332 95.2 78.7 118.1
 141 37.3 28.6 42.8



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

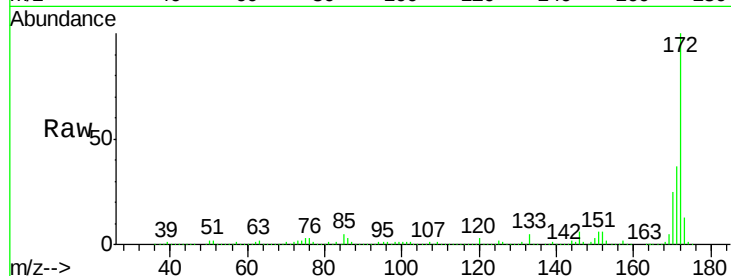




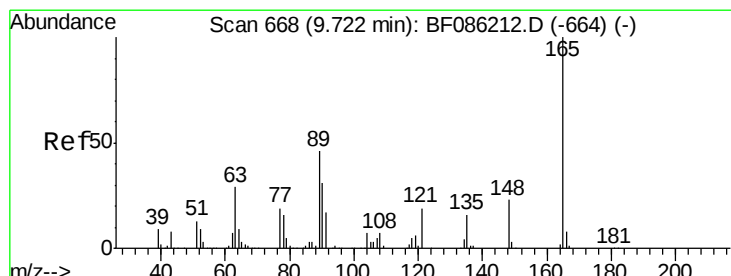
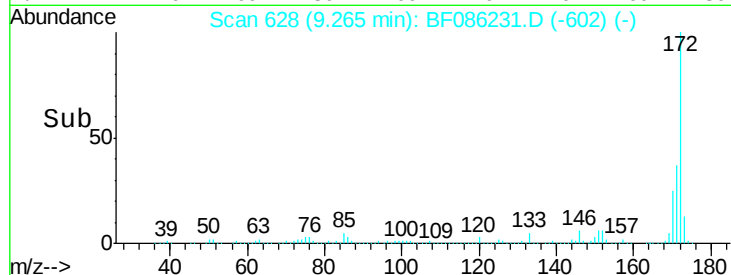
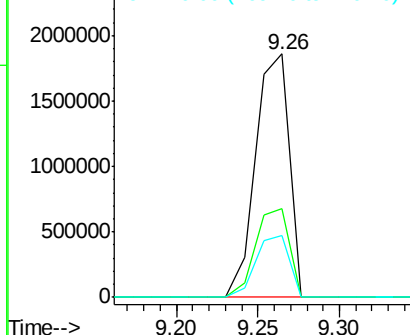
#44
 2-Fluorobiphenyl
 Concen: 95.92 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF086231.D
 Acq: 15 Apr 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-4-7-16

Tgt Ion:172 Resp: 2660228
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.1 43.7
 170 25.2 19.9 29.9

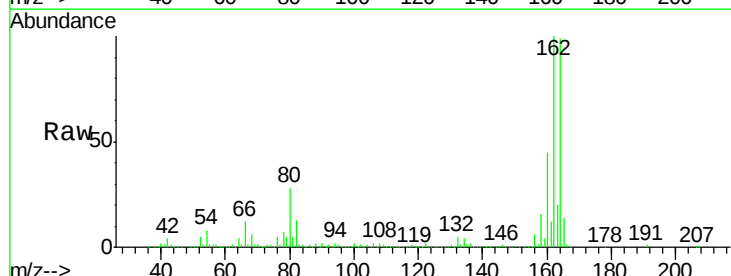


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

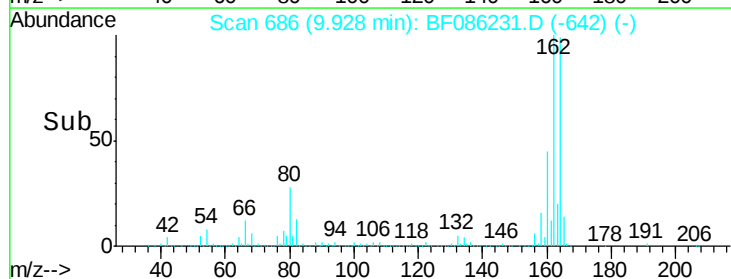
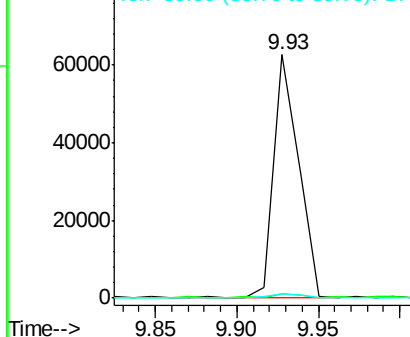


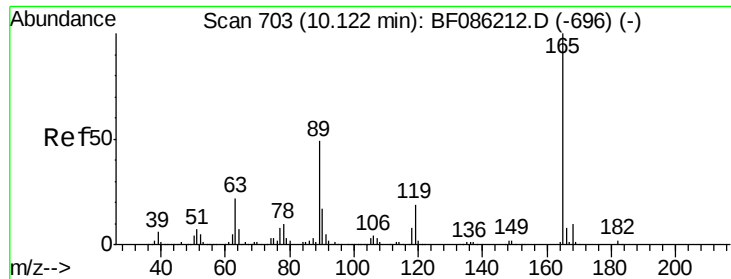
#50
 2,6-Dinitrotoluene
 Concen: 8.12 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.21 min
 Lab File: BF086231.D
 Acq: 15 Apr 2016 22:10

Tgt Ion:165 Resp: 66878
 Ion Ratio Lower Upper
 165 100
 63 1.5 35.1 52.7#
 89 1.8 39.8 59.6#



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

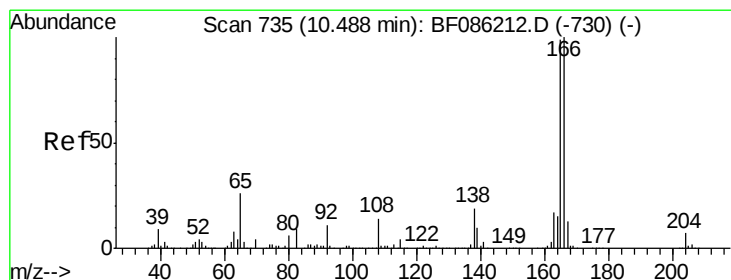
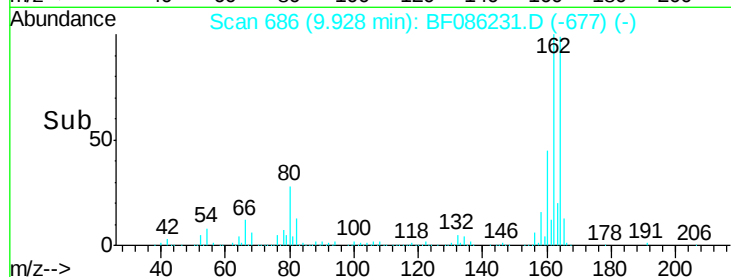
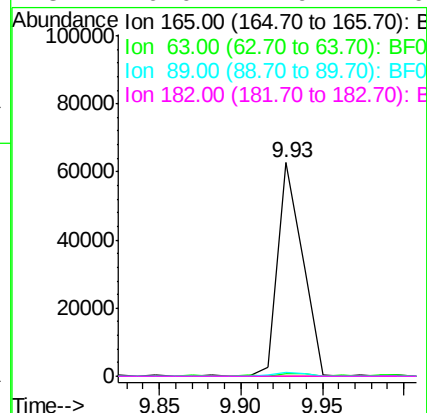
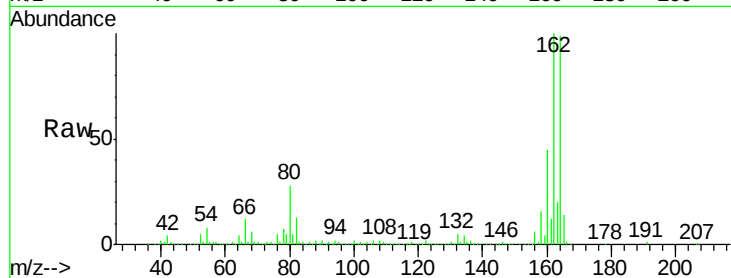




#56
2,4-Dinitrotoluene
Concen: 6.35 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.19 min
Lab File: BF086231.D
Acq: 15 Apr 2016 22:10

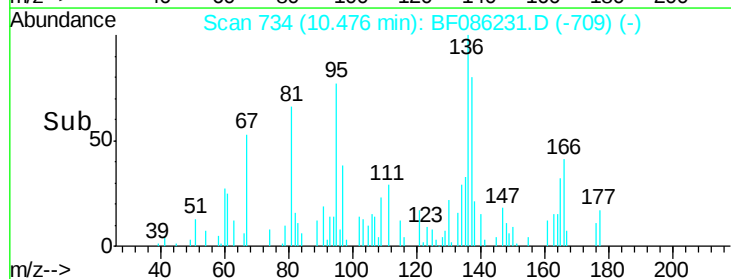
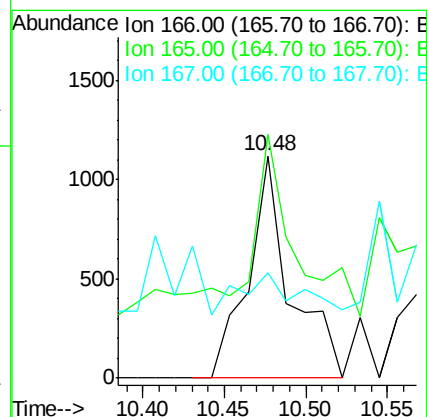
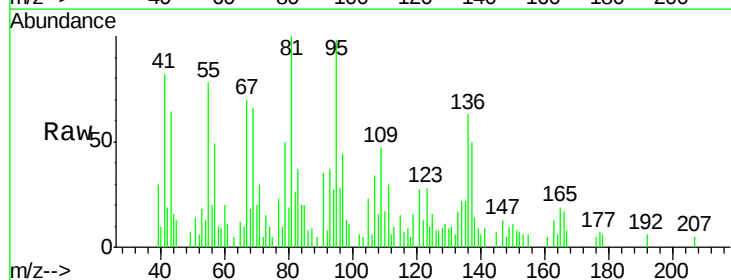
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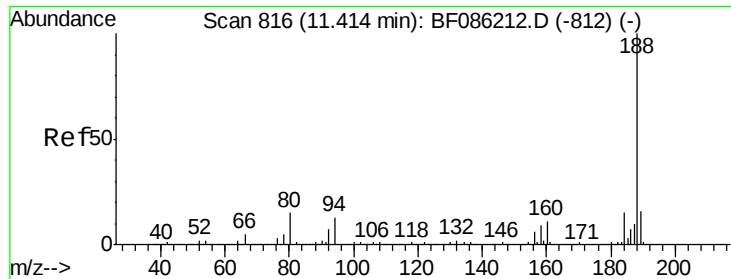
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	26.6	40.0#
89	1.8	49.5	74.3#
182	0.0	1.9	2.9#



#57
Fluorene
Concen: Below Cal
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF086231.D
Acq: 15 Apr 2016 22:10

Tgt Ion	Ratio	Lower	Upper
166	100		
165	109.5	78.6	117.8
167	47.5	10.4	15.6#

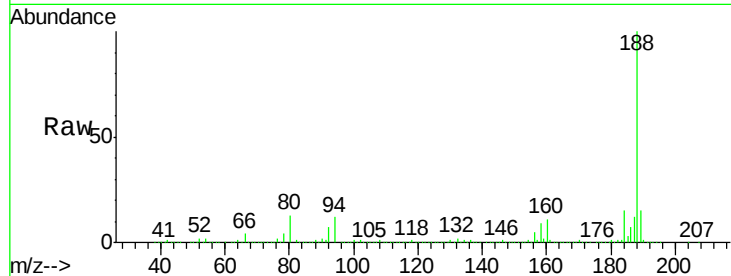




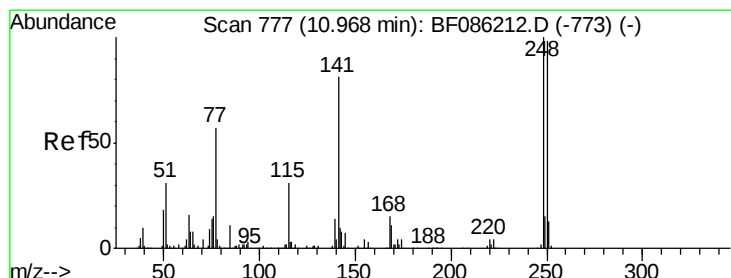
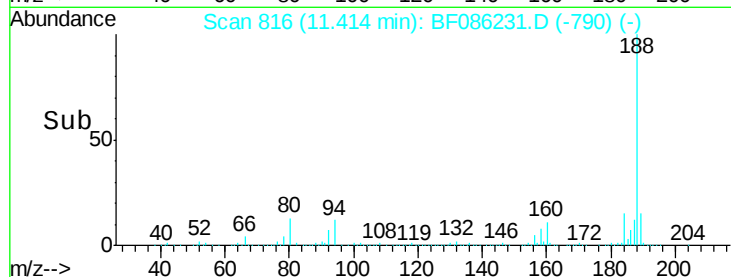
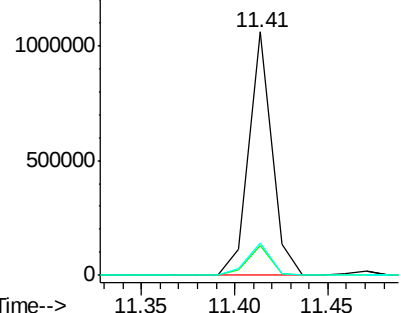
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086231.D
Acq: 15 Apr 2016 22:10

Instrument :
BNA_F
ClientSampleId :
MW-3-4-7-16

Tgt Ion:188 Resp: 898842
Ion Ratio Lower Upper
188 100
94 12.2 9.8 14.8
80 13.2 10.5 15.7

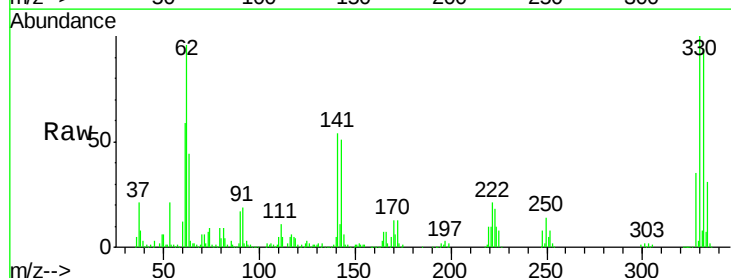


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

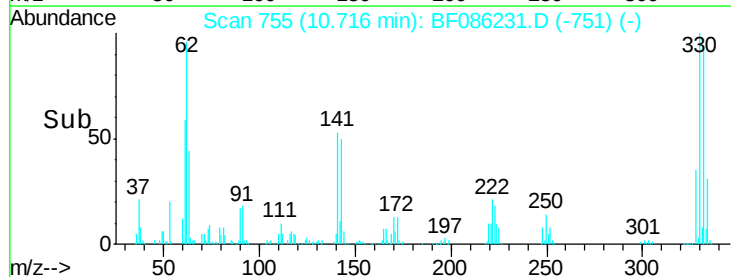
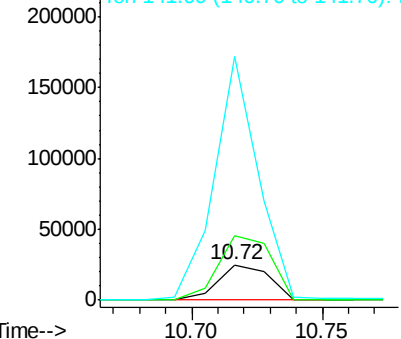


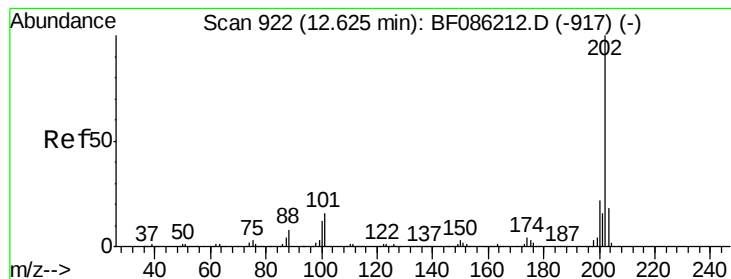
#66
4-Bromophenyl-phenylether
Concen: 4.08 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.25 min
Lab File: BF086231.D
Acq: 15 Apr 2016 22:10

Tgt Ion:248 Resp: 34195
Ion Ratio Lower Upper
248 100
250 182.5 78.6 118.0#
141 690.0 57.9 86.9#



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





#74

Fluoranthene

Concen: Below Cal

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF086231.D

Acq: 15 Apr 2016 22:10

Instrument :

BNA_F

ClientSampleId :

MW-3-4-7-16

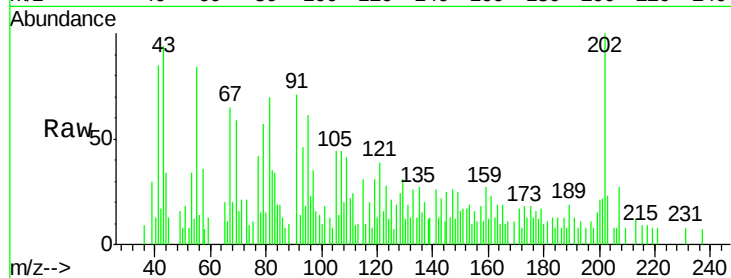
Tgt Ion:202 Resp: 5766

Ion Ratio Lower Upper

202 100

101 18.2 0.0 35.2

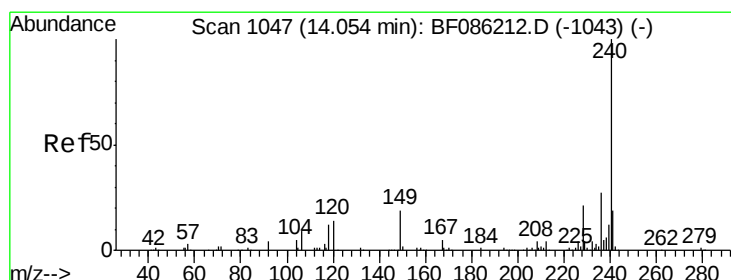
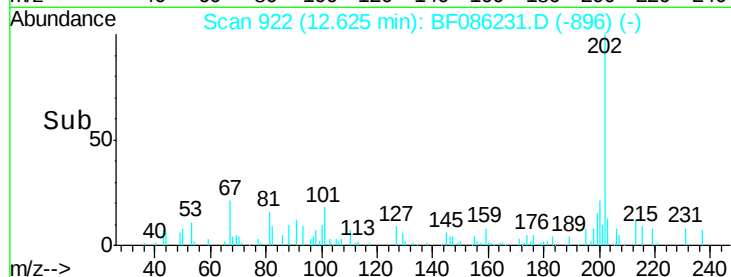
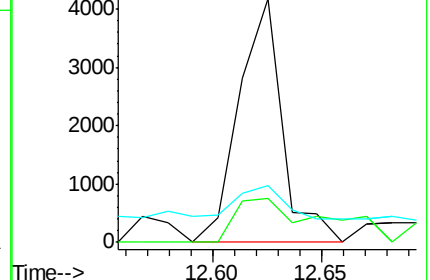
203 23.4 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF086231.D

Acq: 15 Apr 2016 22:10

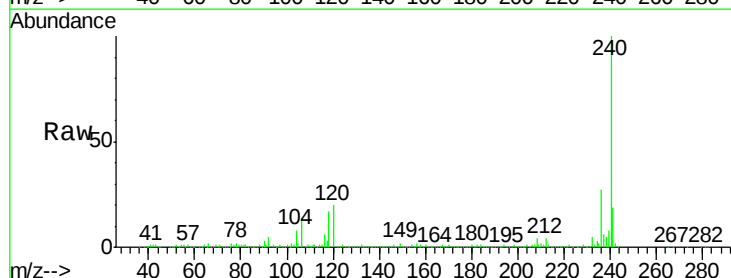
Tgt Ion:240 Resp: 567658

Ion Ratio Lower Upper

240 100

120 20.3 9.3 13.9#

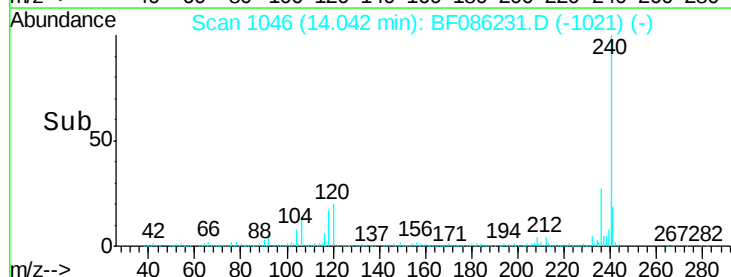
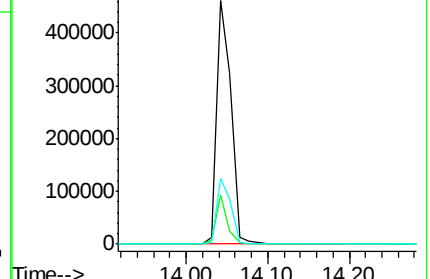
236 26.9 21.1 31.7

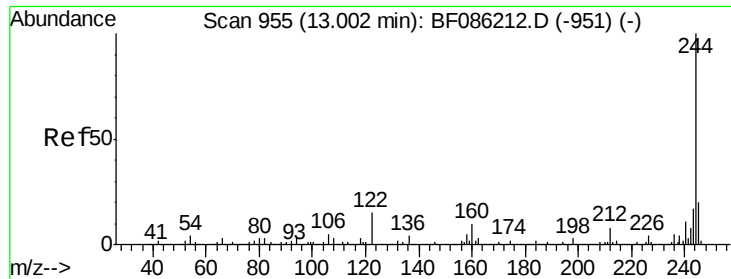


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

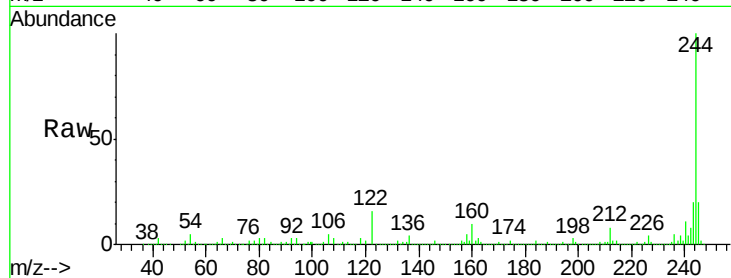




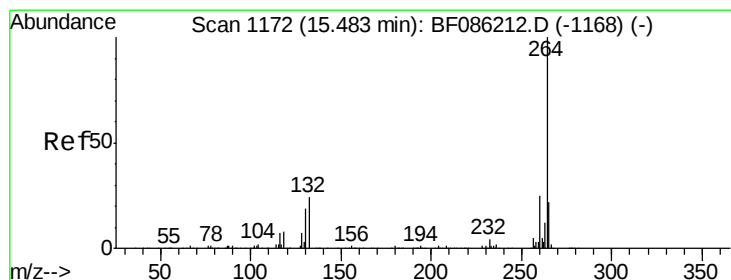
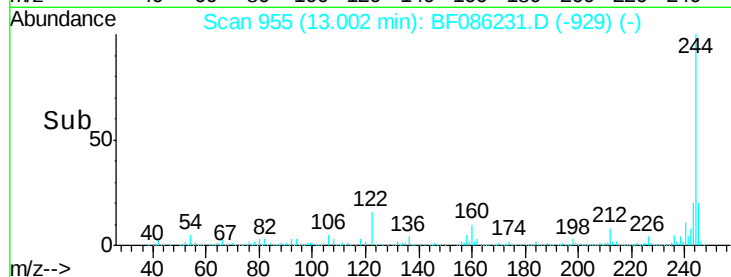
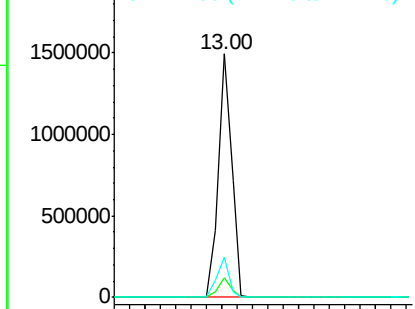
#78
 Terphenyl-d14
 Concen: 80.72 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086231.D
 Acq: 15 Apr 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-4-7-16

Tgt Ion:244 Resp: 1822291
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.4 9.6
 122 16.3 11.7 17.5

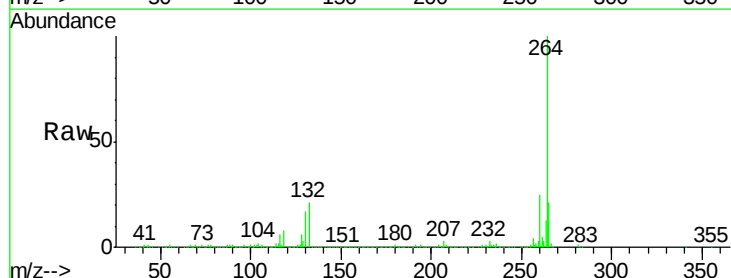


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086231.D
 Acq: 15 Apr 2016 22:10

Tgt Ion:264 Resp: 477930
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.0 30.0
 265 21.5 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

