

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040716\
 Data File : BF086134.D
 Acq On : 7 Apr 2016 16:14
 Operator : UM/SJ
 Sample : H2230-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-040116

Quant Time: Apr 08 01:40:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

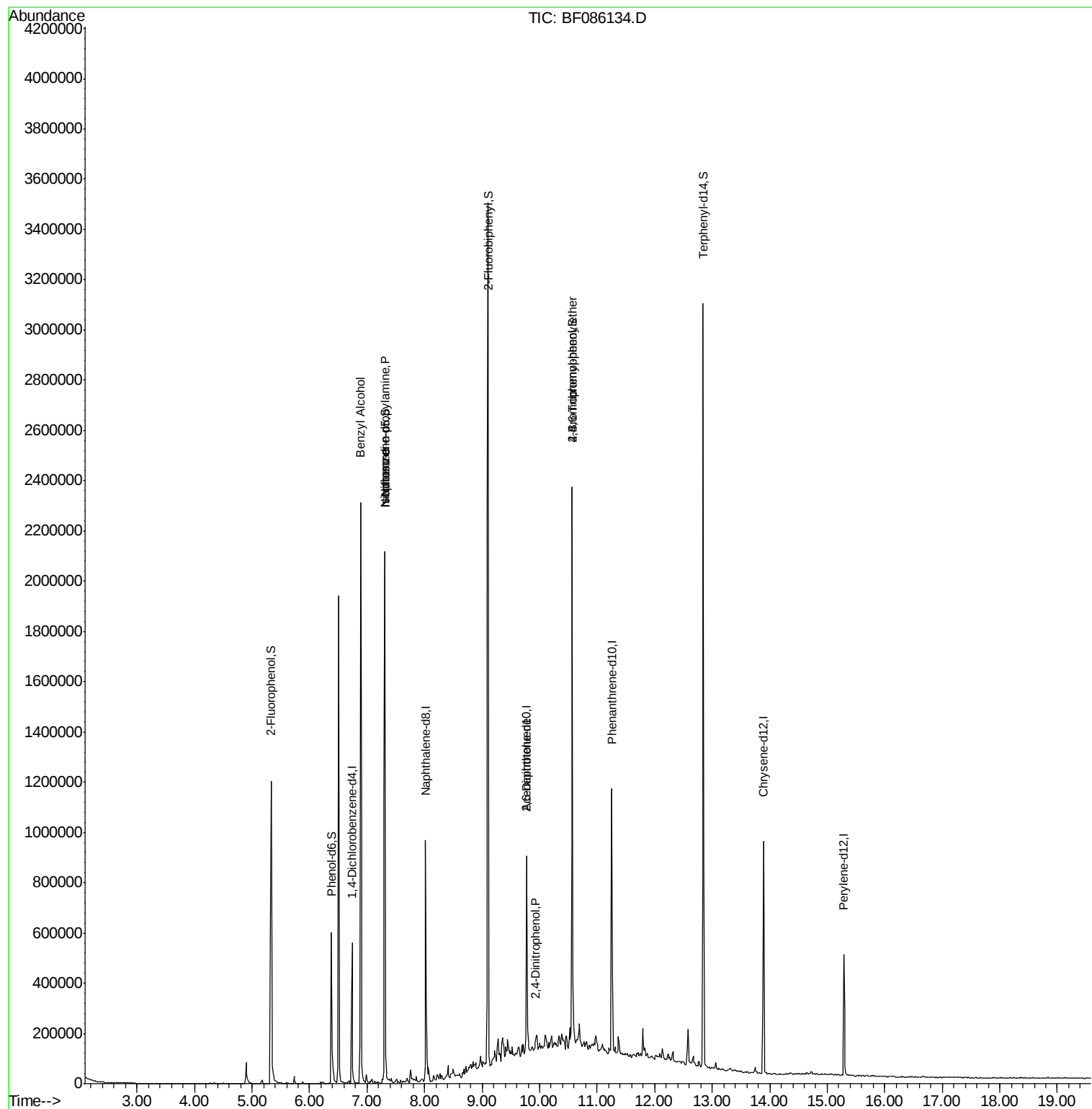
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	112563	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	451396	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	212854	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	375600	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	307024	20.00	ng	-0.03
86) Perylene-d12	15.29	264	208208	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	488903	74.24	ng	-0.03
7) Phenol-d6	6.38	99	378701	45.27	ng	-0.03
23) Nitrobenzene-d5	7.31	82	851159	111.20	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	308413	154.37	ng	-0.03
44) 2-Fluorobiphenyl	9.10	172	1395999	109.05	ng	-0.03
78) Terphenyl-d14	12.84	244	1062688	81.36	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	6.89	79	11170	2.06	ng	# 51
19) n-Nitroso-di-n-propylamine	7.31	70	114444	22.07	ng	# 76
25) Isophorone	7.31	82	832983	55.13	ng	# 68
50) 2,6-Dinitrotoluene	9.77	165	28034	8.40	ng	# 21
53) 2,4-Dinitrophenol	9.93	184	453	2.31	ng	# 87
66) 4-Bromophenyl-phenylether	10.57	248	19869	5.18	ng	# 1

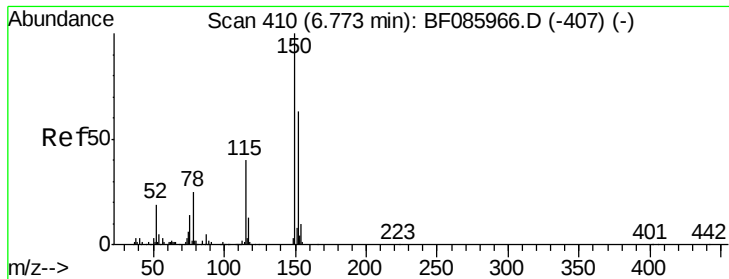
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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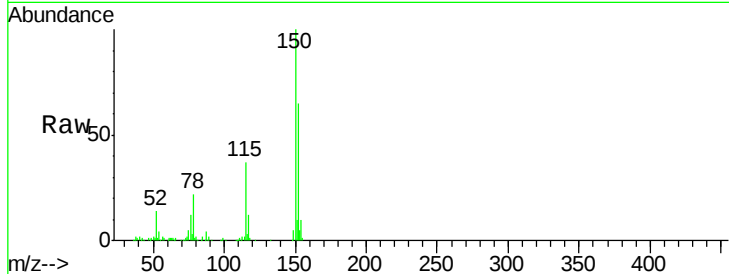


#1

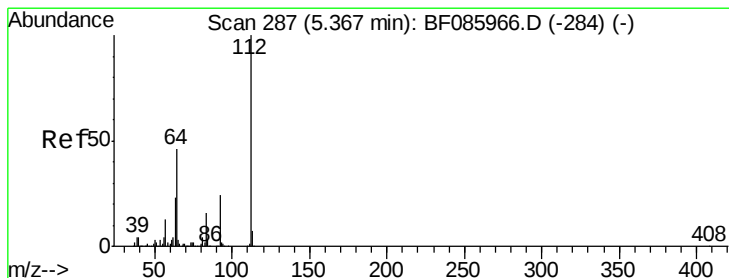
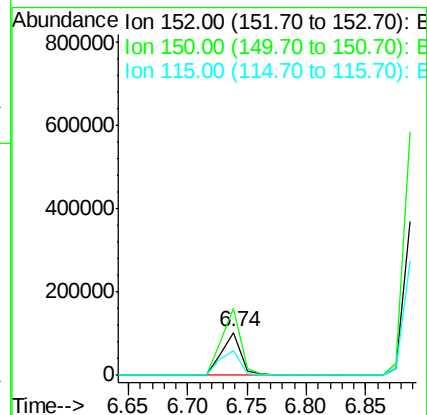
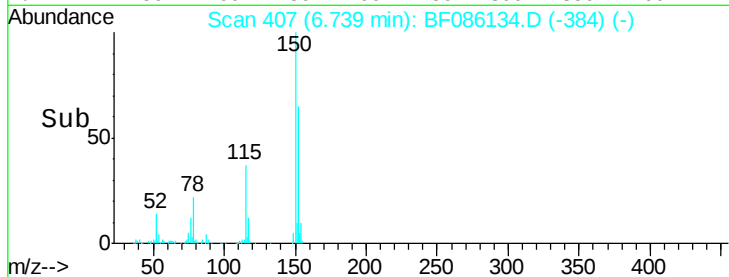
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086134.D
Acq: 7 Apr 2016 16:14

Instrument :
BNA_F
ClientSampleId :
MW-3-040116

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.2	186.2
115	56.8	47.0	70.6



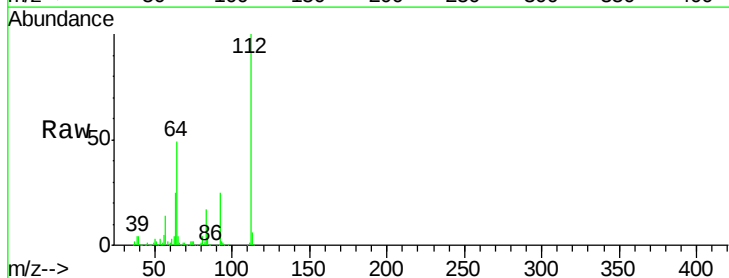
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



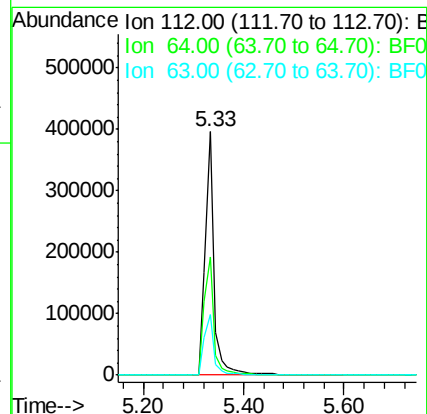
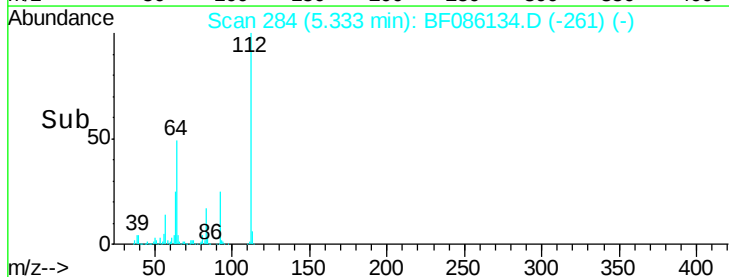
#5

2-Fluorophenol
Concen: 74.24 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.03 min
Lab File: BF086134.D
Acq: 7 Apr 2016 16:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.7	39.9	59.9
63	24.6	20.2	30.2



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: 45.27 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086134.D

Acq: 7 Apr 2016 16:14

Instrument :

BNA_F

ClientSampleId :

MW-3-040116

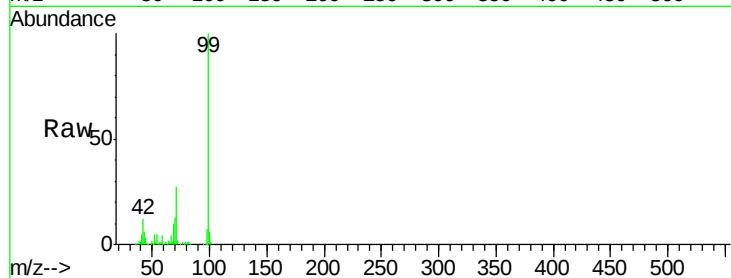
Tgt Ion: 99 Resp: 378701

Ion Ratio Lower Upper

99 100

42 12.0 11.1 16.7

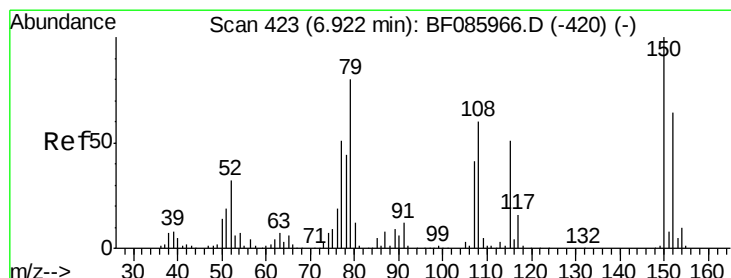
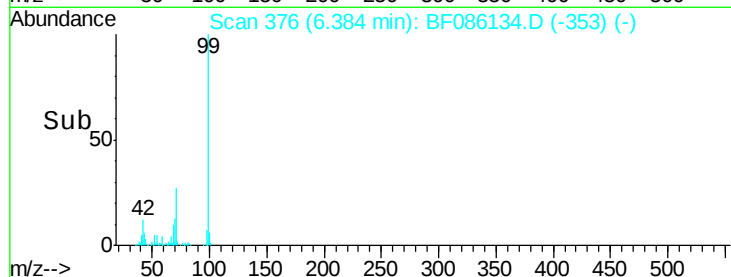
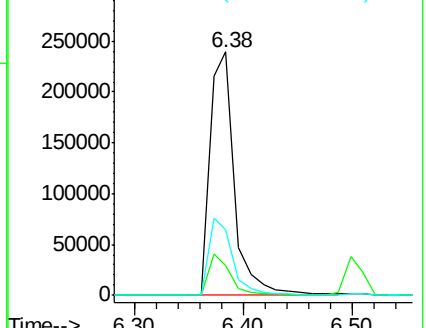
71 27.2 24.9 37.3



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



#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF086134.D

Acq: 7 Apr 2016 16:14

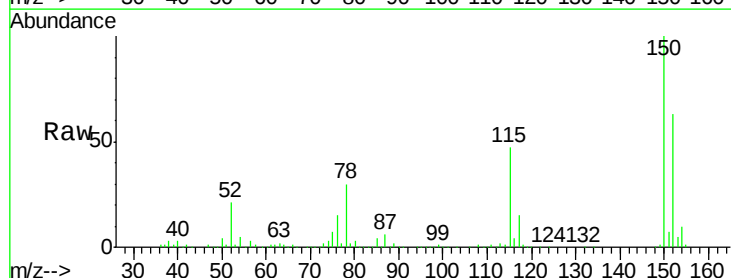
Tgt Ion: 79 Resp: 11170

Ion Ratio Lower Upper

79 100

108 32.4 61.8 92.6#

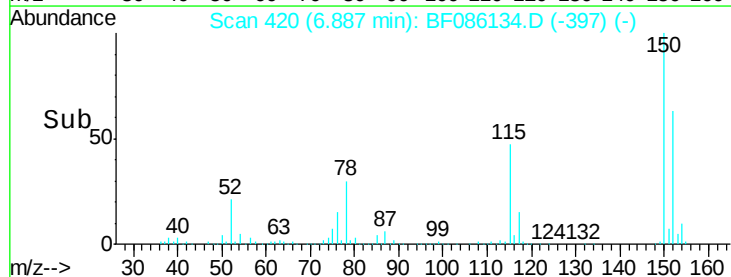
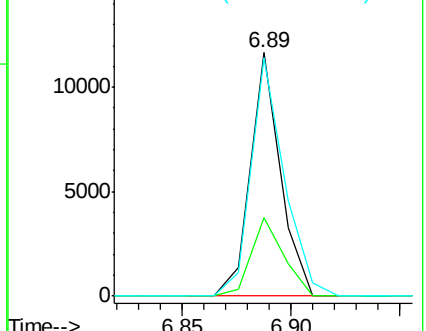
77 97.7 49.6 74.4#

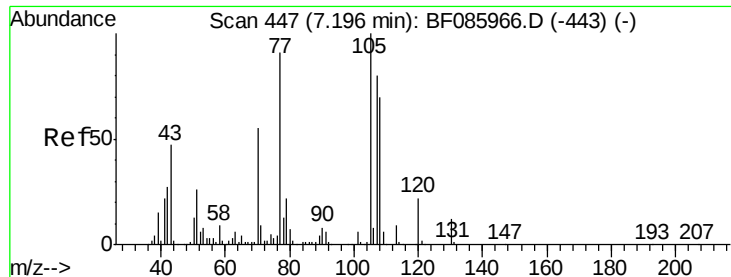


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

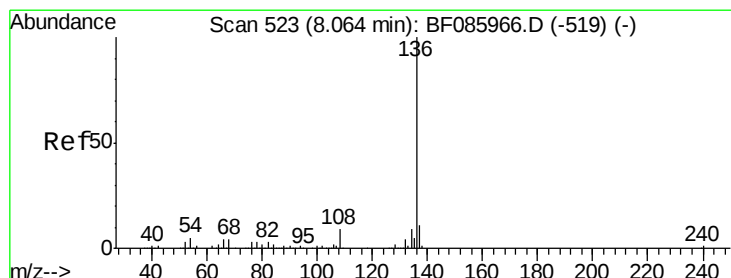
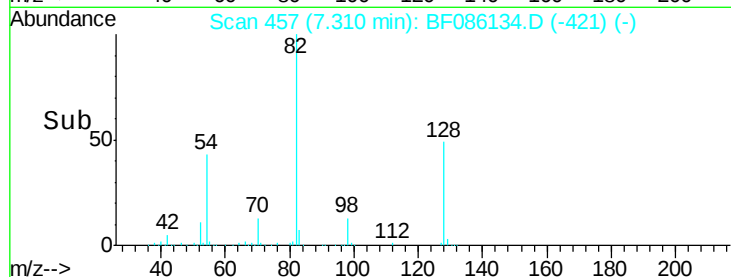
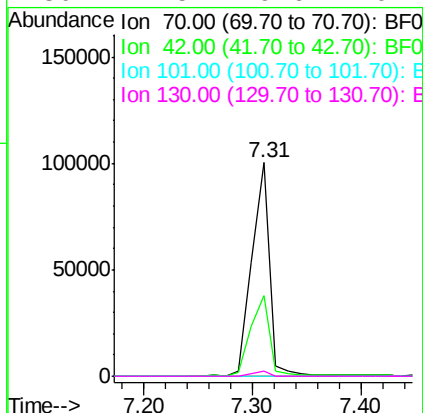
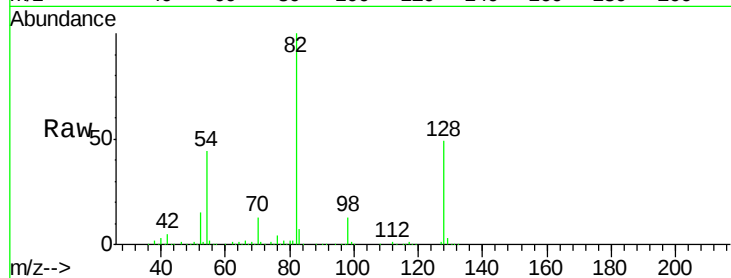




#19
 n-Nitroso-di-n-propylamine
 Concen: 22.07 ng
 RT: 7.31 min Scan# 457
 Delta R.T. 0.11 min
 Lab File: BF086134.D
 Acq: 7 Apr 2016 16:14

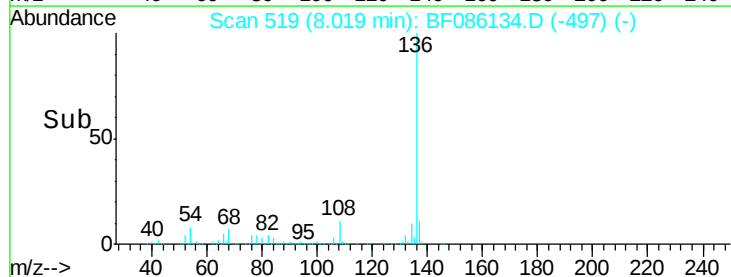
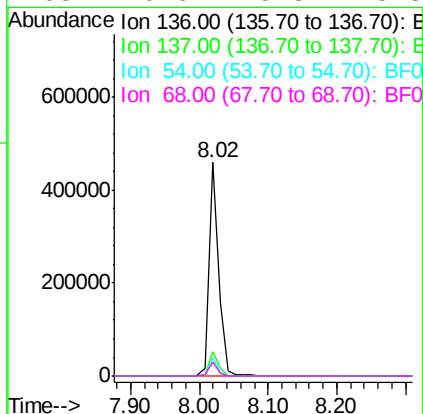
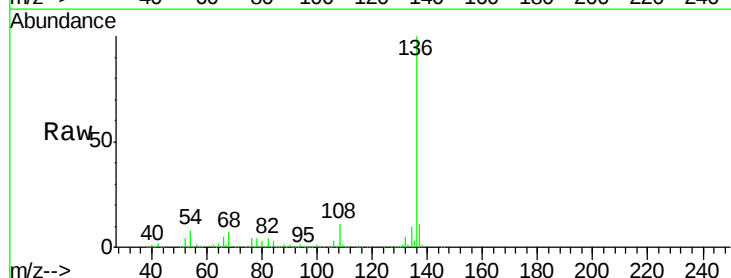
Instrument :
 BNA_F
 ClientSampleId :
 MW-3-040116

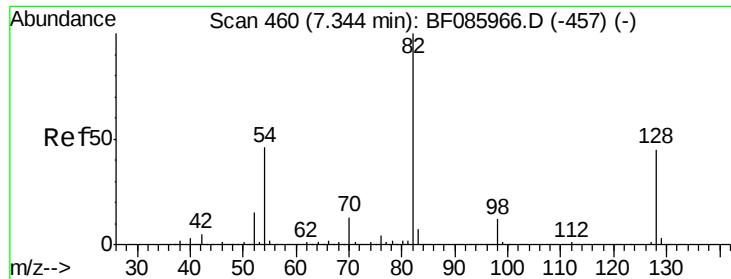
Tgt Ion: 70 Resp: 114444
 Ion Ratio Lower Upper
 70 100
 42 38.1 37.1 55.7
 101 0.0 8.6 12.8#
 130 2.5 19.6 29.4#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.05 min
 Lab File: BF086134.D
 Acq: 7 Apr 2016 16:14

Tgt Ion: 136 Resp: 451396
 Ion Ratio Lower Upper
 136 100
 137 11.3 9.1 13.7
 54 8.1 7.4 11.0
 68 6.6 5.8 8.8

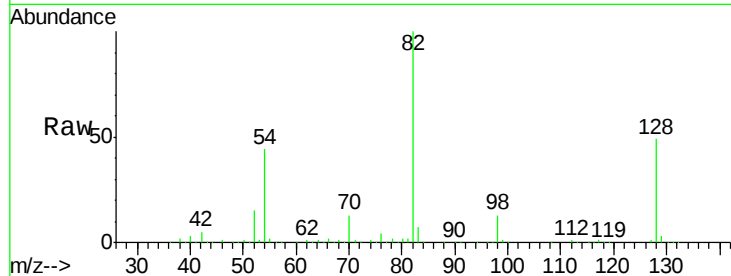




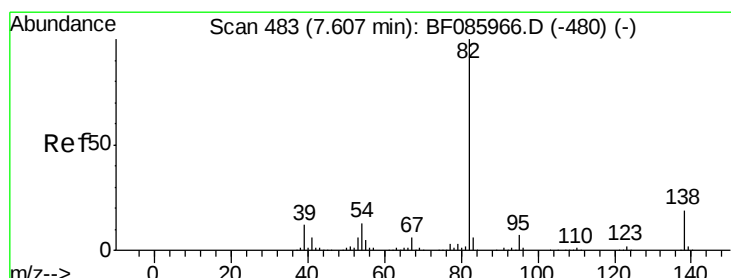
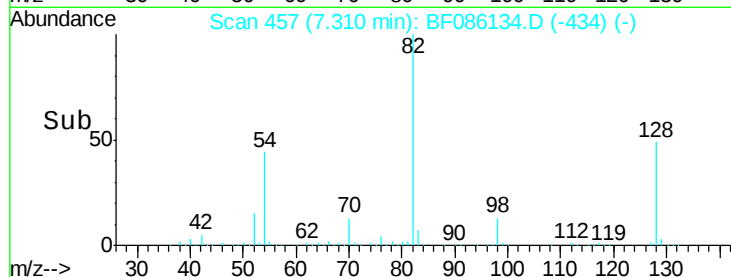
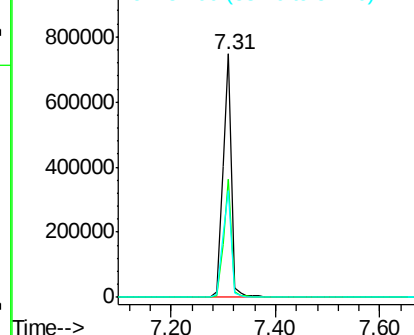
#23
Nitrobenzene-d5
Concen: 111.20 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF086134.D
Acq: 7 Apr 2016 16:14

Instrument :
BNA_F
ClientSampleId :
MW-3-040116

Tgt Ion: 82 Resp: 851159
Ion Ratio Lower Upper
82 100
128 48.5 41.8 62.8
54 43.8 33.4 50.0

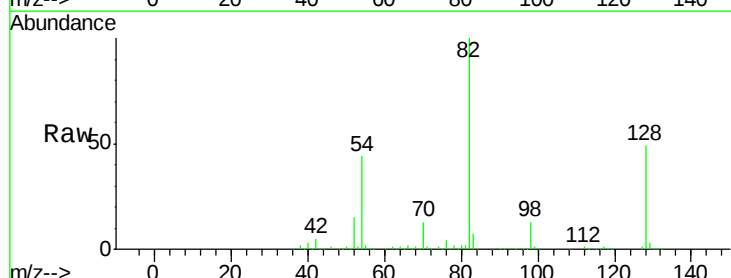


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

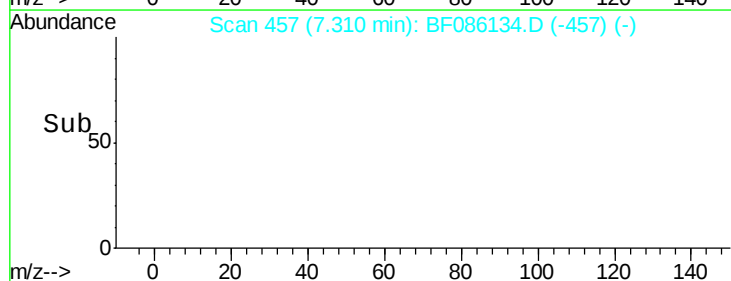
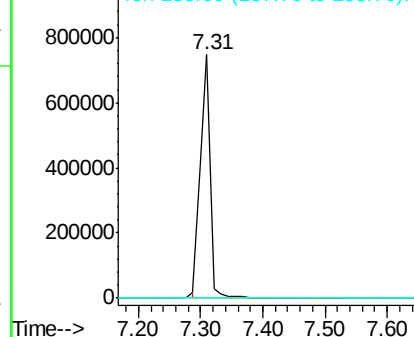


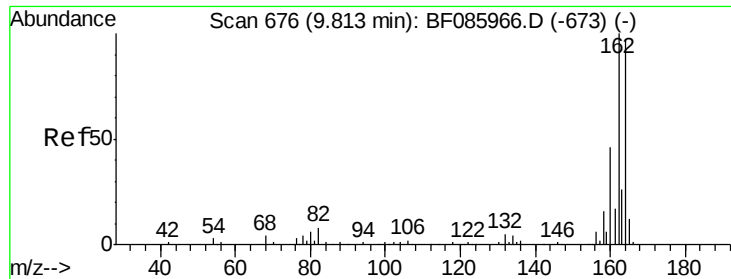
#25
Isophorone
Concen: 55.13 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.30 min
Lab File: BF086134.D
Acq: 7 Apr 2016 16:14

Tgt Ion: 82 Resp: 832983
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 12.9 19.3#



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): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.05 min

Lab File: BF086134.D

Acq: 7 Apr 2016 16:14

Instrument :

BNA_F

ClientSampleId :

MW-3-040116

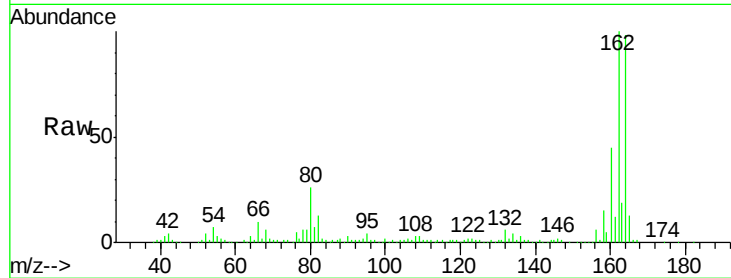
Tgt Ion:164 Resp: 212854

Ion Ratio Lower Upper

164 100

162 102.0 82.1 123.1

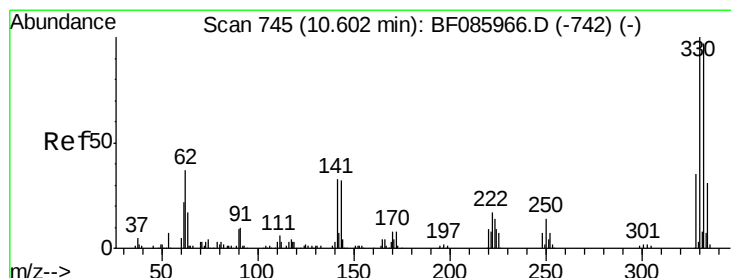
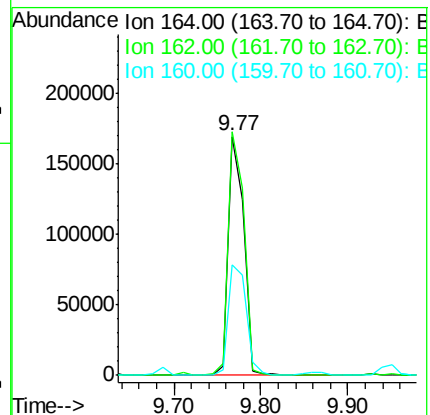
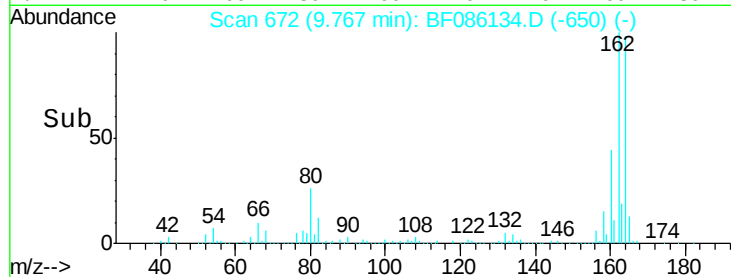
160 46.4 37.4 56.2



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: 154.37 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.03 min

Lab File: BF086134.D

Acq: 7 Apr 2016 16:14

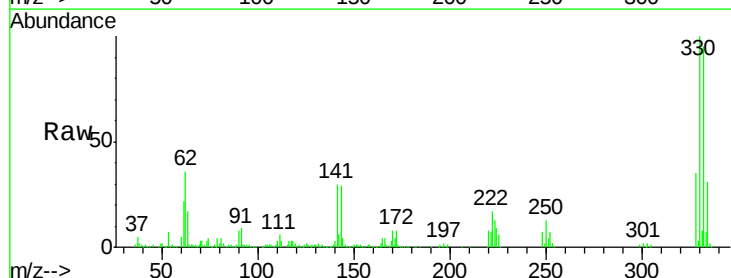
Tgt Ion:330 Resp: 308413

Ion Ratio Lower Upper

330 100

332 96.0 78.2 117.2

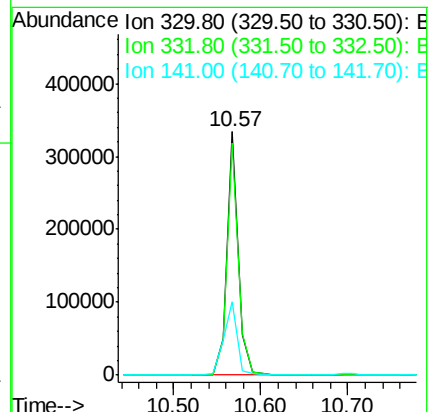
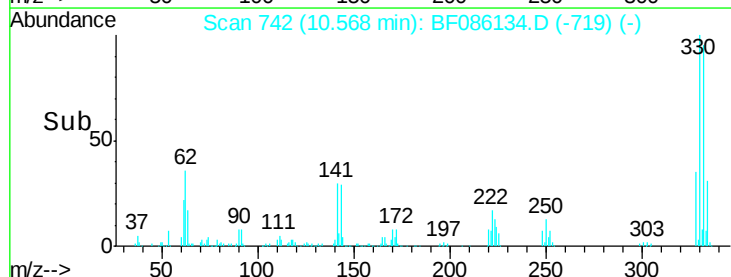
141 35.1 31.5 47.3

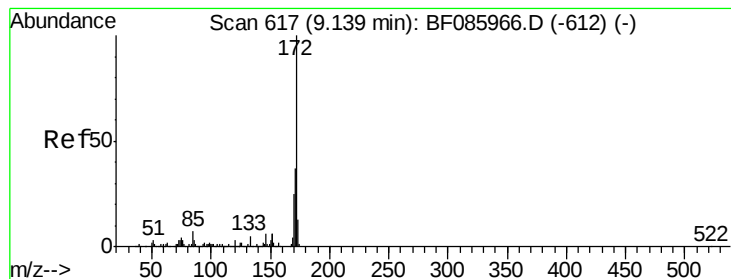


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 109.05 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.03 min

Lab File: BF086134.D

Acq: 7 Apr 2016 16:14

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ClientSampleId :

MW-3-040116

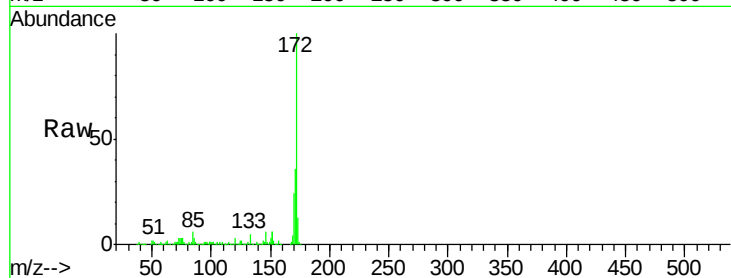
Tgt Ion:172 Resp: 1395999

Ion Ratio Lower Upper

172 100

171 36.5 29.4 44.2

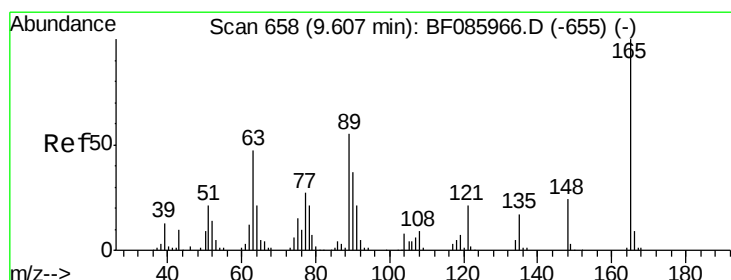
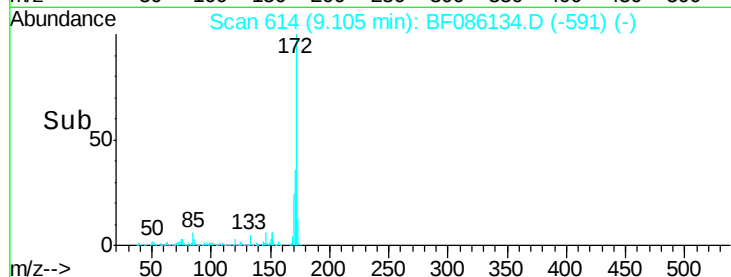
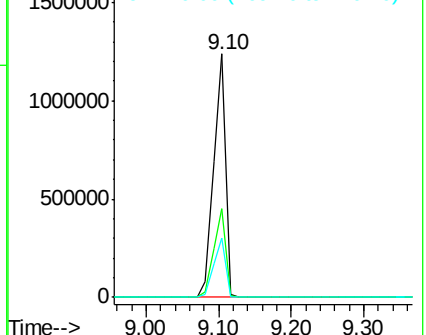
170 24.5 19.8 29.6



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: 8.40 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.16 min

Lab File: BF086134.D

Acq: 7 Apr 2016 16:14

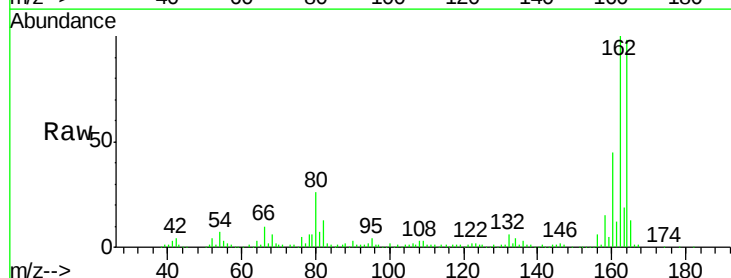
Tgt Ion:165 Resp: 28034

Ion Ratio Lower Upper

165 100

63 3.4 51.8 77.8#

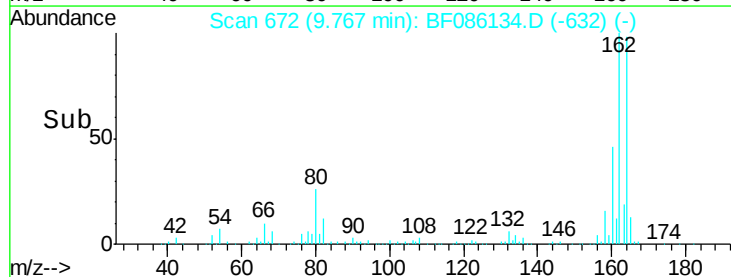
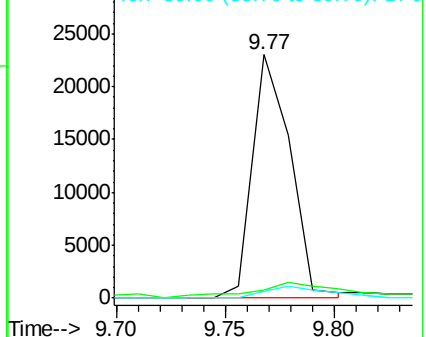
89 2.7 53.7 80.5#

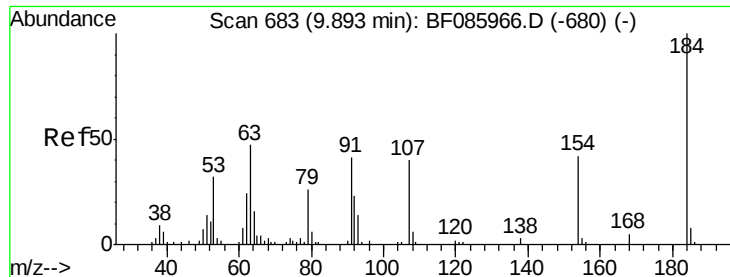


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

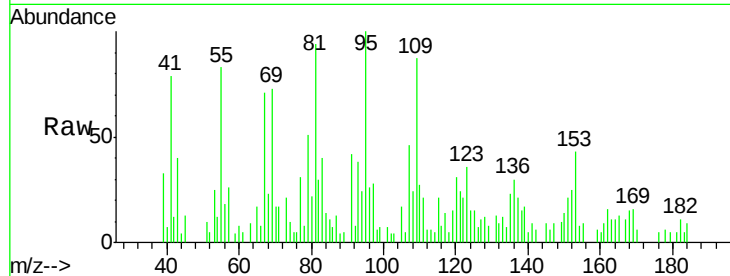




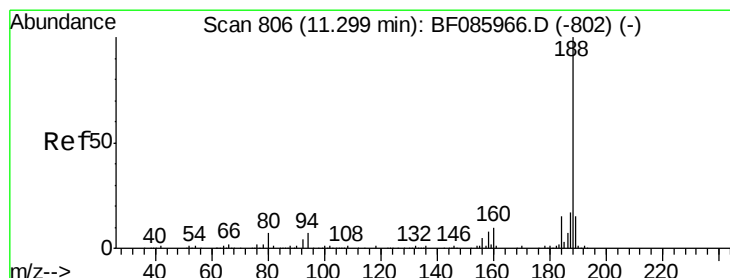
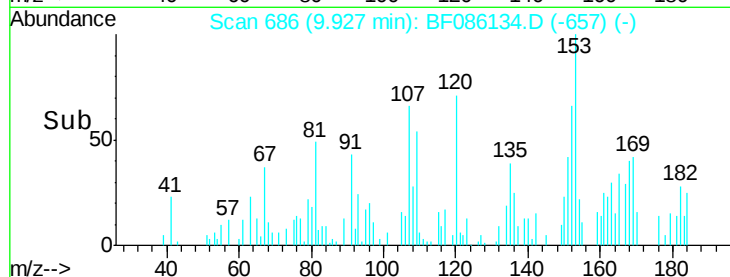
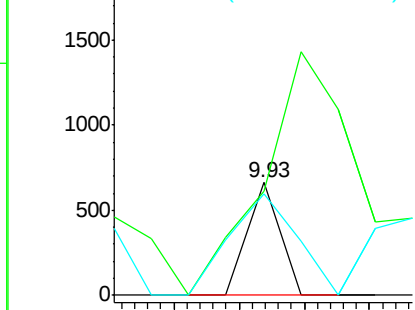
#53
 2,4-Dinitrophenol
 Concen: 2.31 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.03 min
 Lab File: BF086134.D
 Acq: 7 Apr 2016 16:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-040116

Tgt Ion:184 Resp: 453
 Ion Ratio Lower Upper
 184 100
 63 92.7 69.5 104.3
 154 90.6 58.3 87.5#

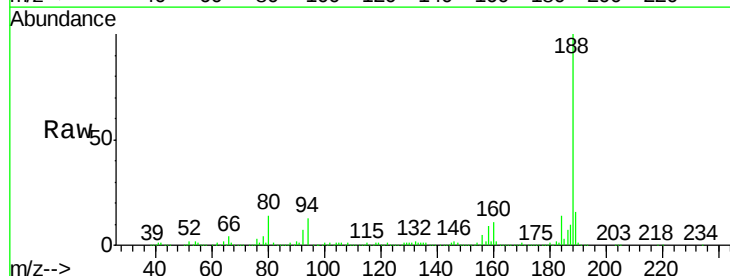


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

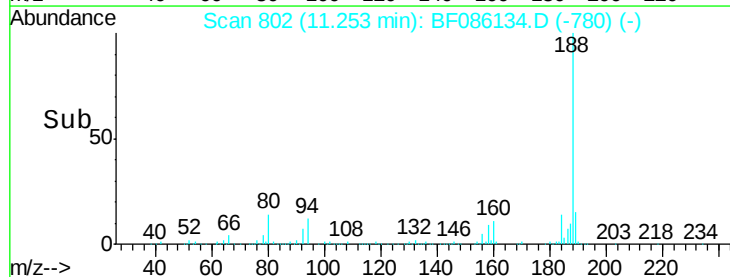
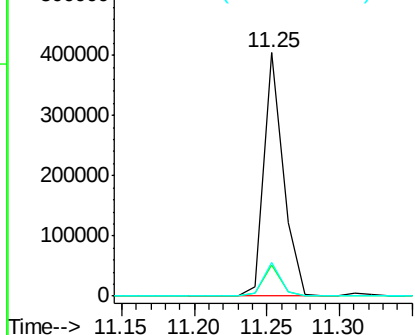


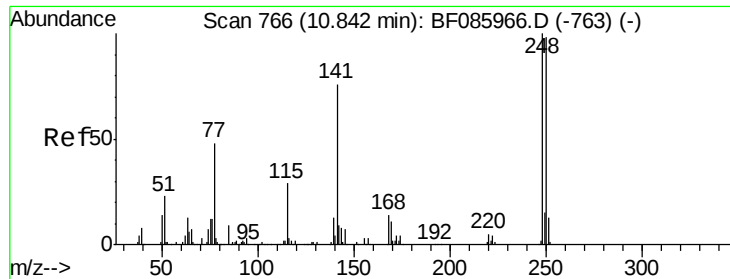
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.05 min
 Lab File: BF086134.D
 Acq: 7 Apr 2016 16:14

Tgt Ion:188 Resp: 375600
 Ion Ratio Lower Upper
 188 100
 94 12.7 5.4 8.0#
 80 13.8 5.5 8.3#



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: 5.18 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.27 min

Lab File: BF086134.D

Acq: 7 Apr 2016 16:14

Instrument :

BNA_F

ClientSampleId :

MW-3-040116

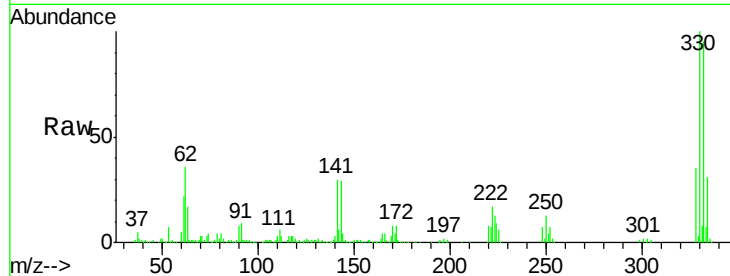
Tgt Ion:248 Resp: 19869

Ion Ratio Lower Upper

248 100

250 201.2 77.4 116.0#

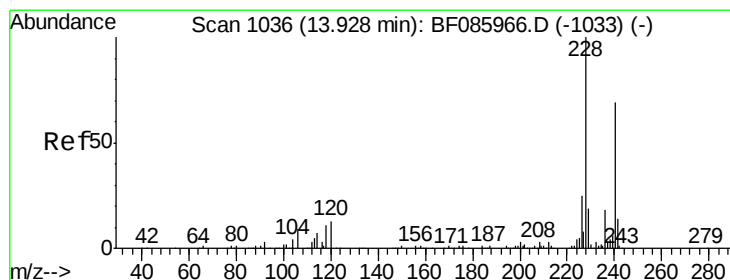
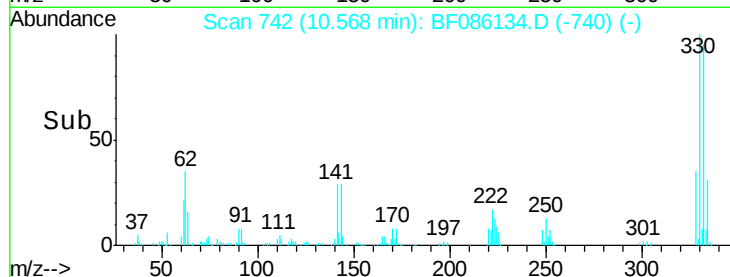
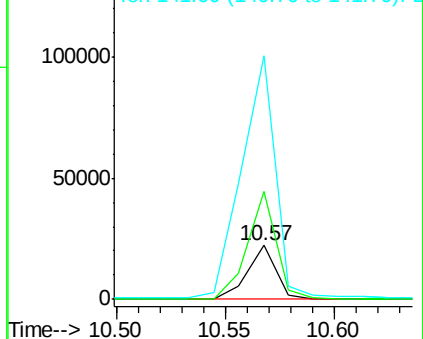
141 454.5 63.6 95.4#



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: 13.89 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF086134.D

Acq: 7 Apr 2016 16:14

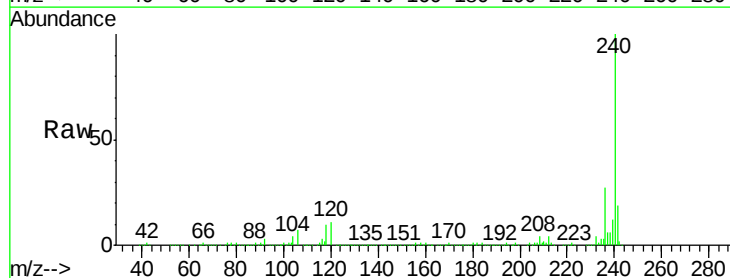
Tgt Ion:240 Resp: 307024

Ion Ratio Lower Upper

240 100

120 11.2 13.8 20.8#

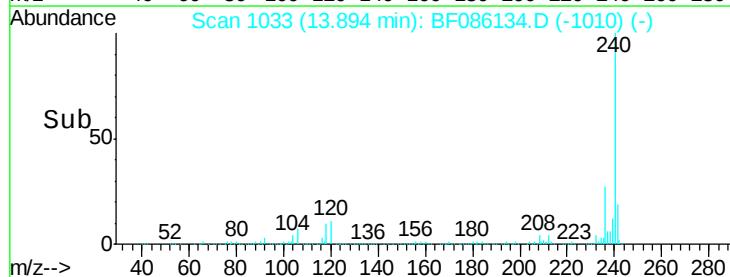
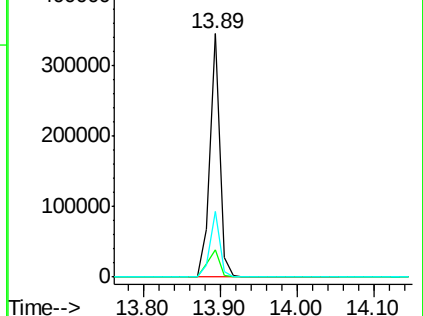
236 27.1 20.6 30.8

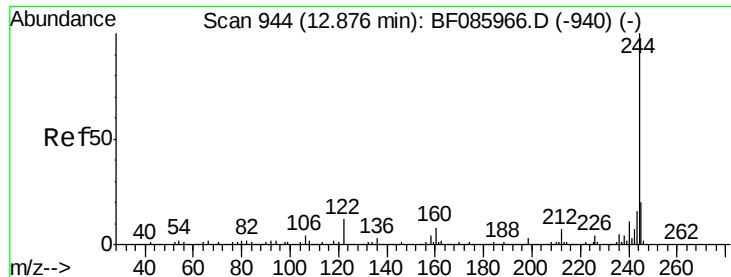


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

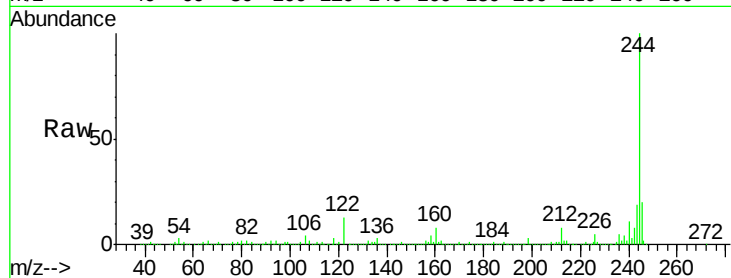




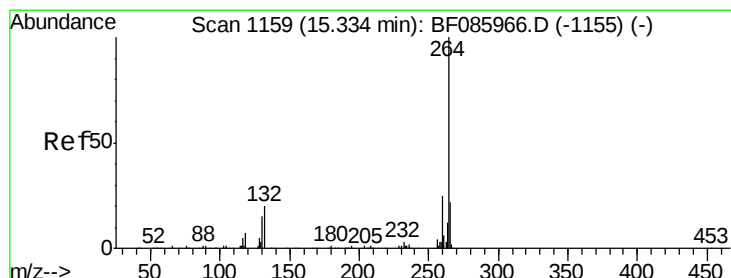
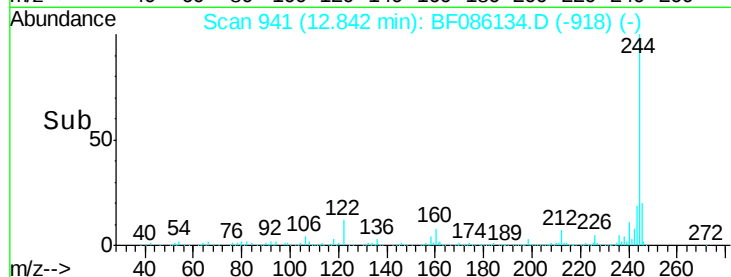
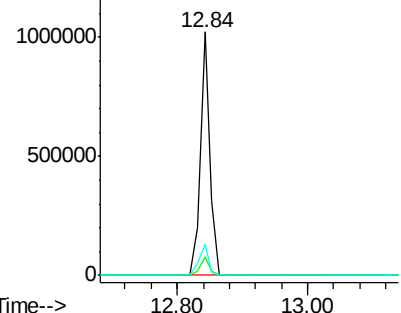
#78
 Terphenyl-d14
 Concen: 81.36 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.03 min
 Lab File: BF086134.D
 Acq: 7 Apr 2016 16:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-040116

Tgt Ion:244 Resp: 1062688
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 12.5 10.2 15.4

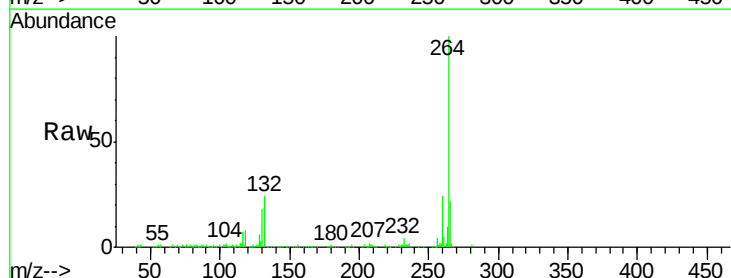


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.05 min
 Lab File: BF086134.D
 Acq: 7 Apr 2016 16:14

Tgt Ion:264 Resp: 208208
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 22.2 17.2 25.8



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

