

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
 Data File : BF086175.D
 Acq On : 8 Apr 2016 18:31
 Operator : UM/SJ
 Sample : H2343-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Apr 08 23:21:19 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

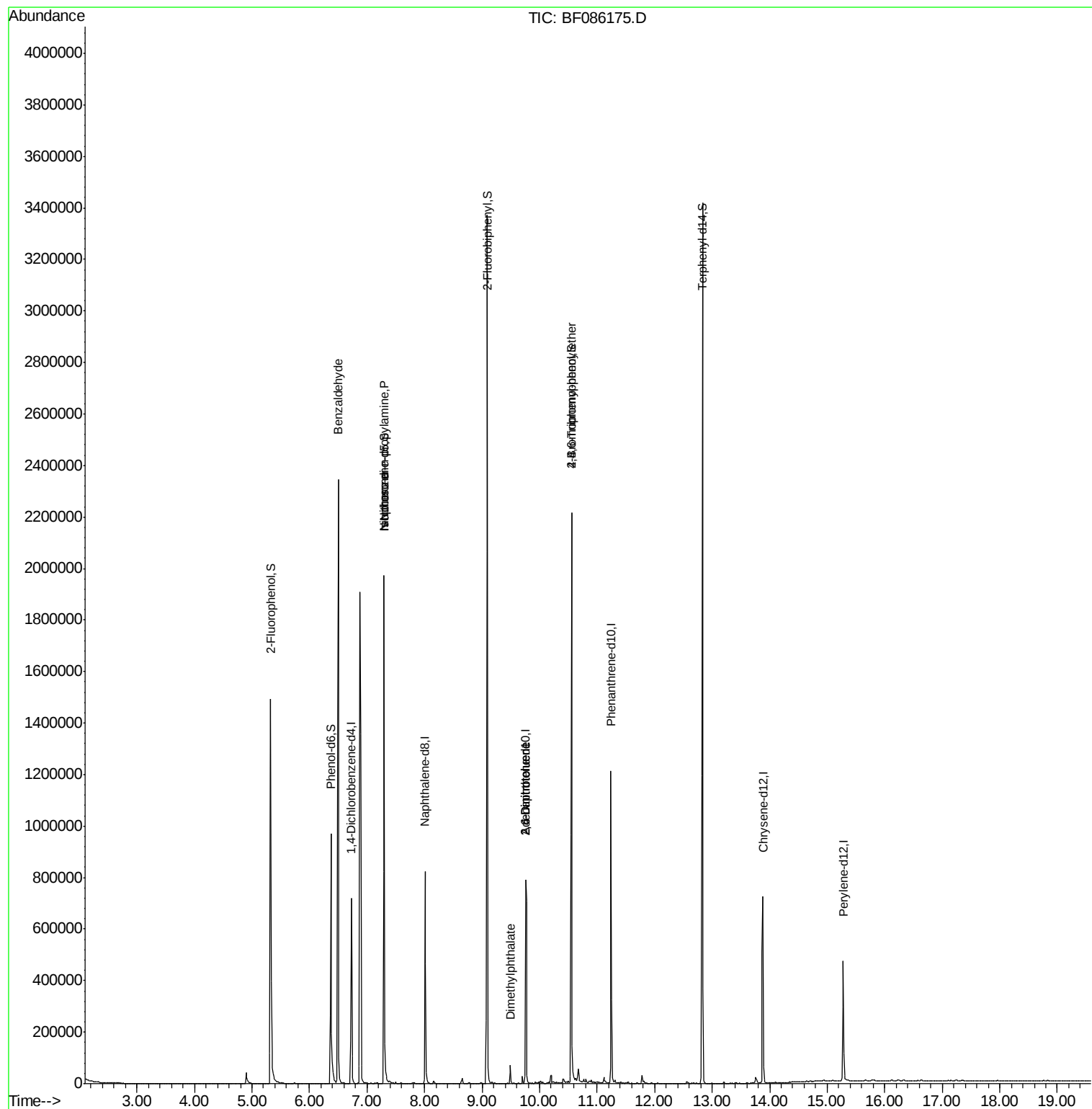
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	120980	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	481069	20.00	ng	-0.06
38) Acenaphthene-d10	9.76	164	229111	20.00	ng	-0.06
63) Phenanthrene-d10	11.24	188	443960	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	329232	20.00	ng	-0.05
86) Perylene-d12	15.28	264	228243	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	508784	71.88	ng	-0.05
7) Phenol-d6	6.37	99	445697	49.58	ng	-0.05
23) Nitrobenzene-d5	7.30	82	762278	93.44	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	321040	149.29	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1354381	98.29	ng	-0.05
78) Terphenyl-d14	12.83	244	1158009	82.68	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.50	77	17643	3.65	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.30	70	100965	18.12	ng	# 76
25) Isophorone	7.30	82	761559	47.29	ng	# 68
49) Dimethylphthalate	9.49	163	40127	2.36	ng	99
50) 2,6-Dinitrotoluene	9.76	165	28567	7.95	ng	# 19
56) 2,4-Dinitrotoluene	9.76	165	28568	6.29	ng	# 37
66) 4-Bromophenyl-phenylether	10.56	248	20903	4.61	ng	# 1

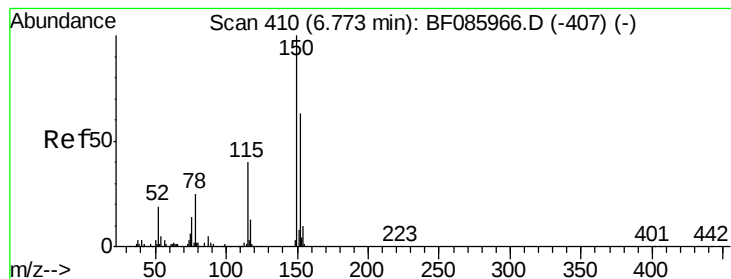
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
Data File : BF086175.D
Acq On : 8 Apr 2016 18:31
Operator : UM/SJ
Sample : H2343-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-4

Quant Time: Apr 08 23:21:19 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF086175.D

Acq: 8 Apr 2016 18:31

Instrument :

BNA_F

ClientSampleId :

MW-4

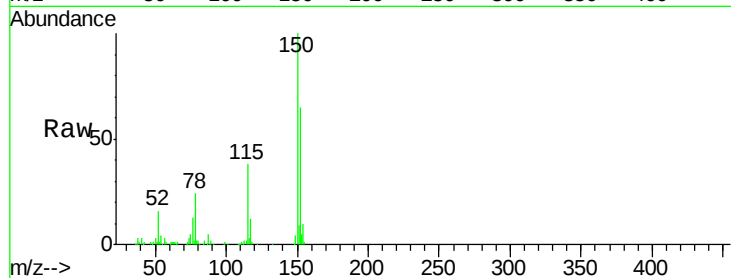
Tgt Ion:152 Resp: 120980

Ion Ratio Lower Upper

152 100

150 153.6 124.2 186.2

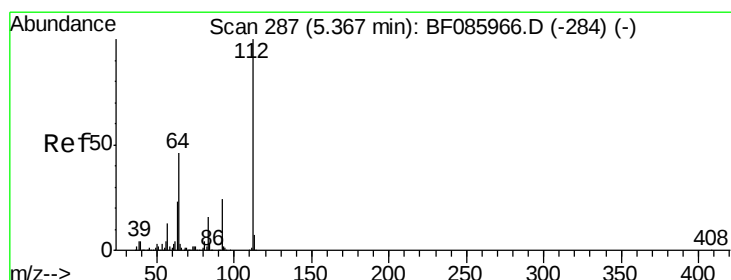
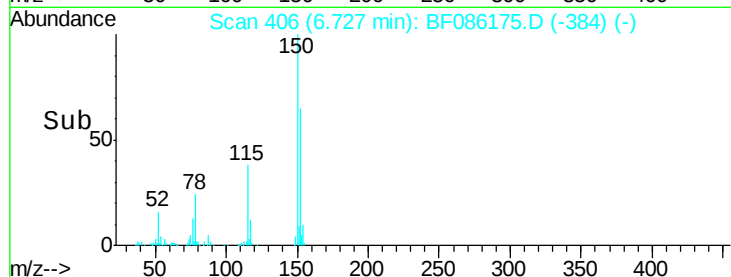
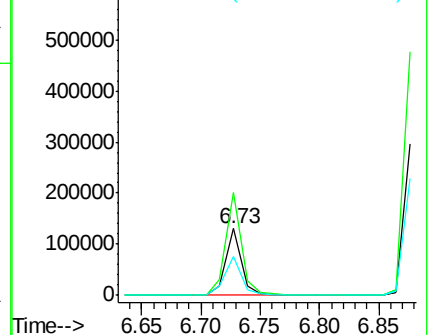
115 58.8 47.0 70.6



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: 71.88 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.05 min

Lab File: BF086175.D

Acq: 8 Apr 2016 18:31

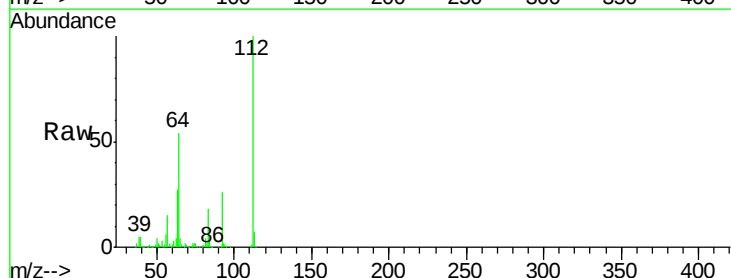
Tgt Ion:112 Resp: 508784

Ion Ratio Lower Upper

112 100

64 53.7 39.9 59.9

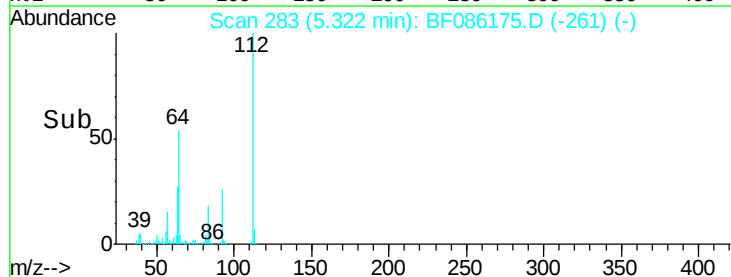
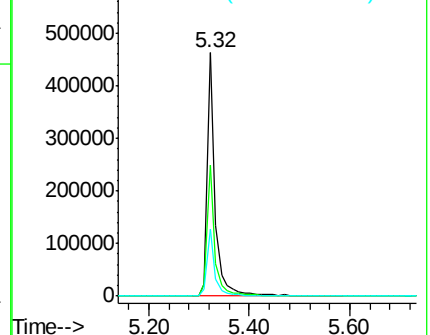
63 27.3 20.2 30.2



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: 49.58 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.05 min

Lab File: BF086175.D

Acq: 8 Apr 2016 18:31

Instrument :

BNA_F

ClientSampleId :

MW-4

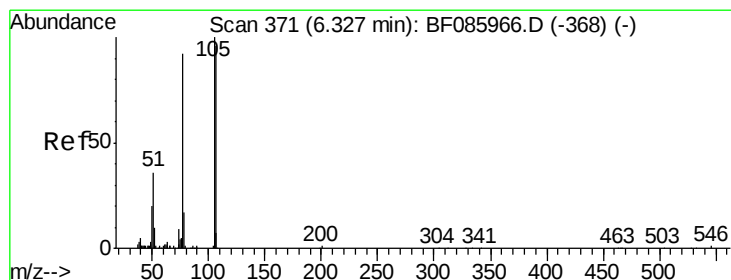
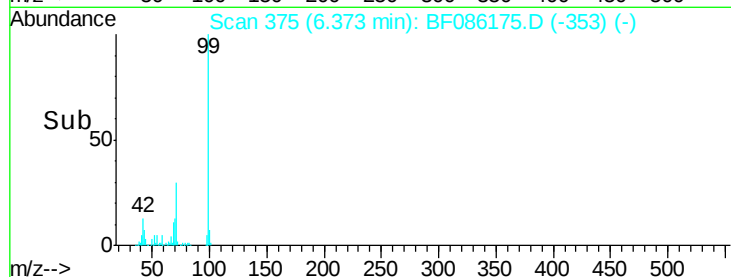
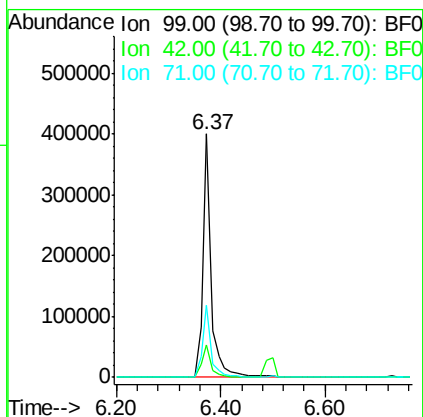
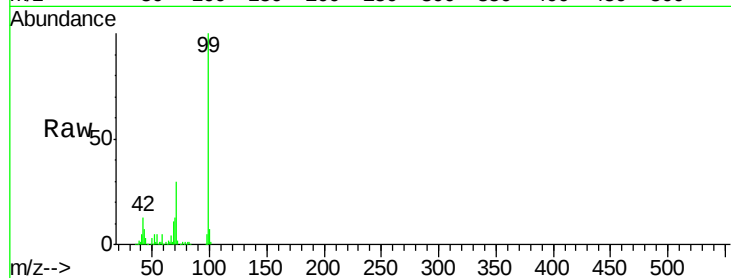
Tgt Ion: 99 Resp: 445697

Ion Ratio Lower Upper

99 100

42 13.1 11.1 16.7

71 29.6 24.9 37.3



#9

Benzaldehyde

Concen: 3.65 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.17 min

Lab File: BF086175.D

Acq: 8 Apr 2016 18:31

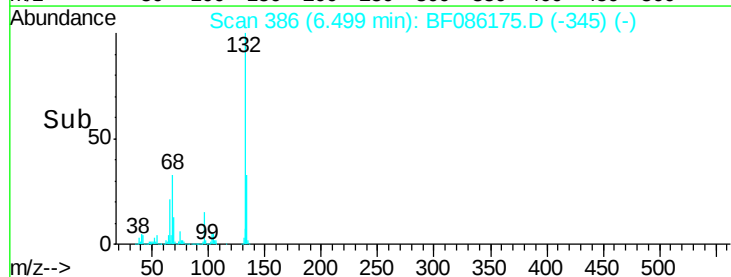
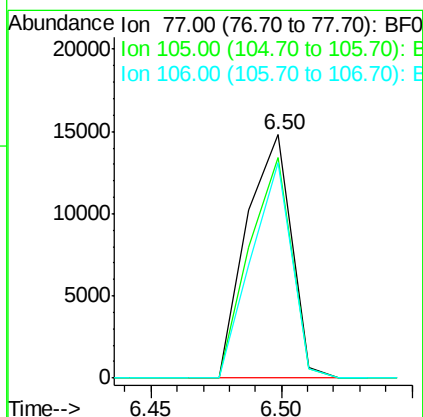
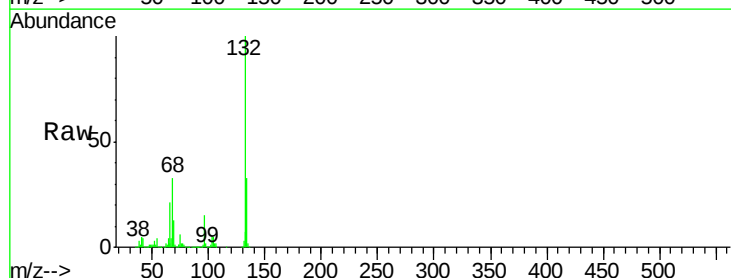
Tgt Ion: 77 Resp: 17643

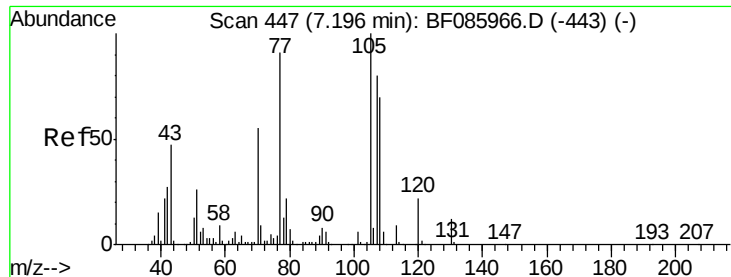
Ion Ratio Lower Upper

77 100

105 90.4 80.1 120.1

106 88.3 75.0 115.0

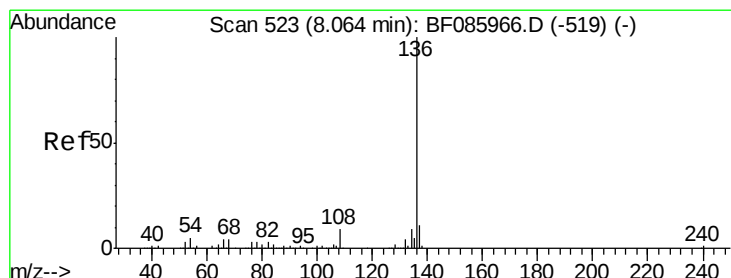
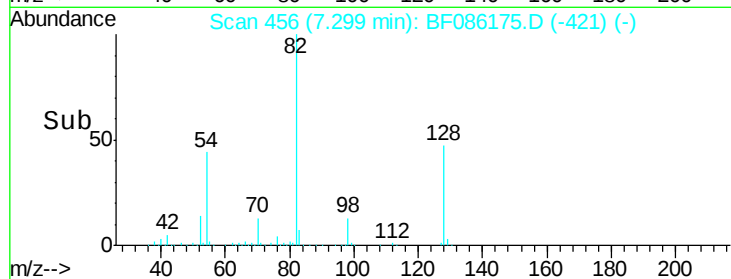
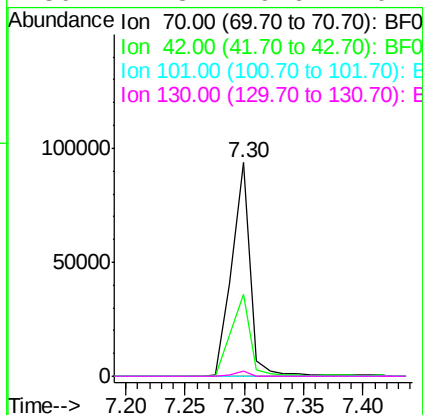
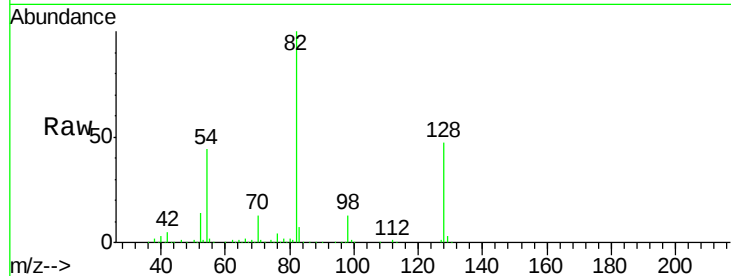




#19
 n-Nitroso-di-n-propylamine
 Concen: 18.12 ng
 RT: 7.30 min Scan# 456
 Delta R.T. 0.10 min
 Lab File: BF086175.D
 Acq: 8 Apr 2016 18:31

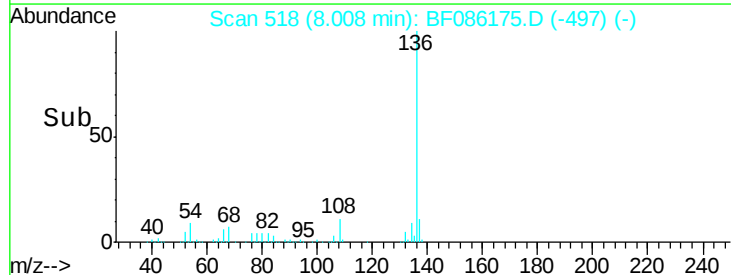
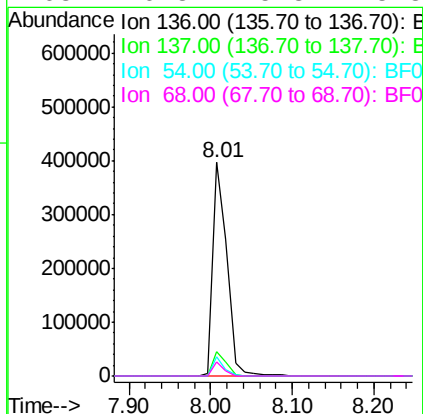
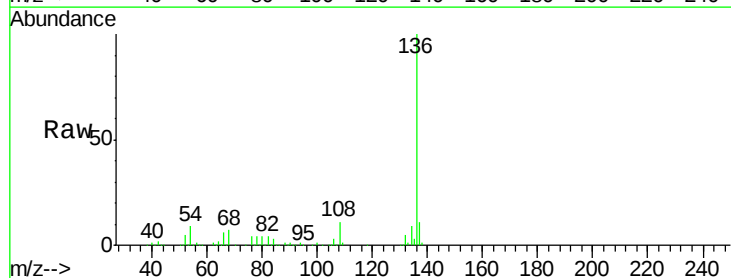
Instrument :
 BNA_F
 ClientSampled :
 MW-4

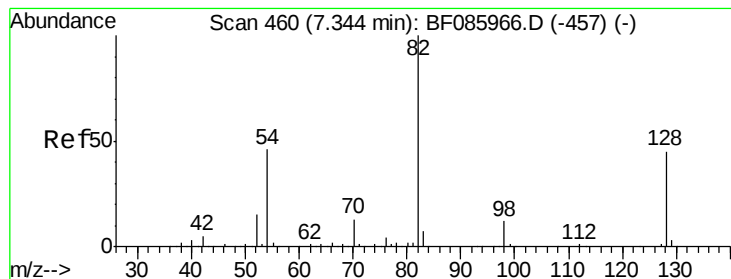
Tgt Ion: 70 Resp: 100965
 Ion Ratio Lower Upper
 70 100
 42 38.4 37.1 55.7
 101 0.0 8.6 12.8#
 130 2.3 19.6 29.4#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.06 min
 Lab File: BF086175.D
 Acq: 8 Apr 2016 18:31

Tgt Ion: 136 Resp: 481069
 Ion Ratio Lower Upper
 136 100
 137 11.2 9.1 13.7
 54 8.8 7.4 11.0
 68 6.8 5.8 8.8





#23

Nitrobenzene-d5

Concen: 93.44 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF086175.D

Acq: 8 Apr 2016 18:31

Instrument :

BNA_F

ClientSampled :

MW-4

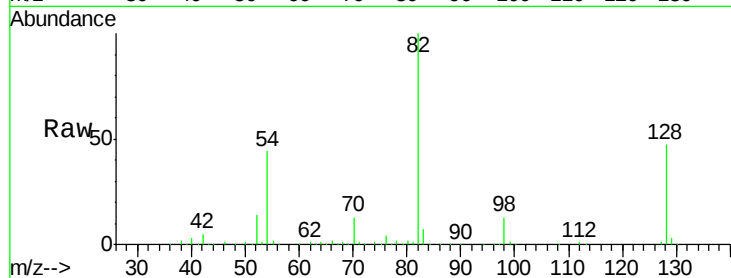
Tgt Ion: 82 Resp: 762278

Ion Ratio Lower Upper

82 100

128 46.9 41.8 62.8

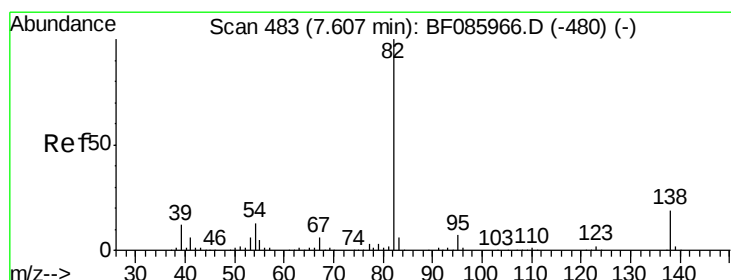
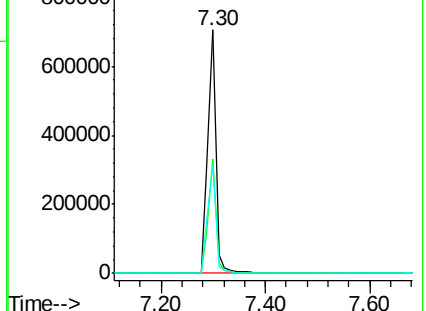
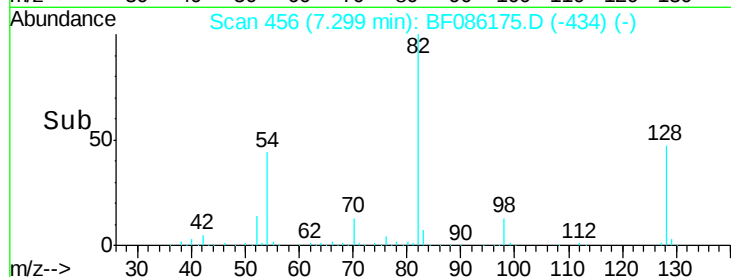
54 44.4 33.4 50.0



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: 47.29 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.31 min

Lab File: BF086175.D

Acq: 8 Apr 2016 18:31

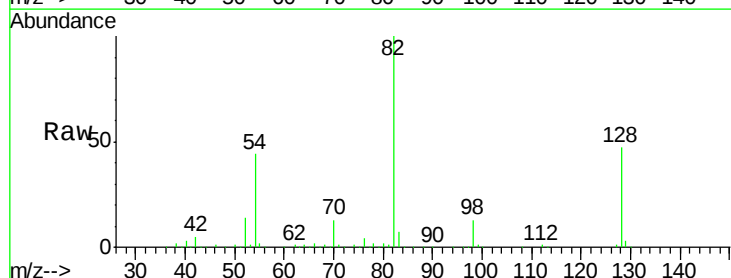
Tgt Ion: 82 Resp: 761559

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

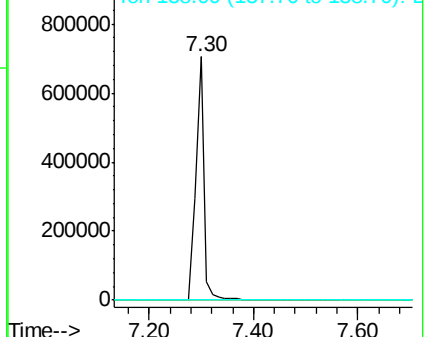
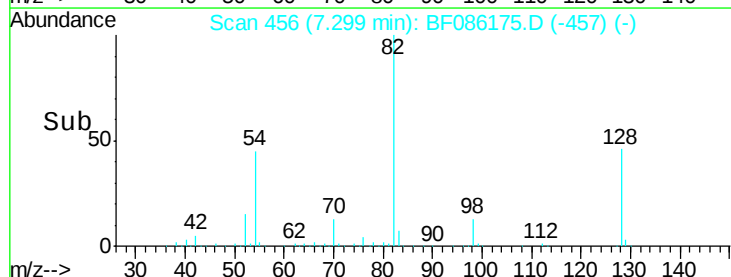
138 0.0 12.9 19.3#

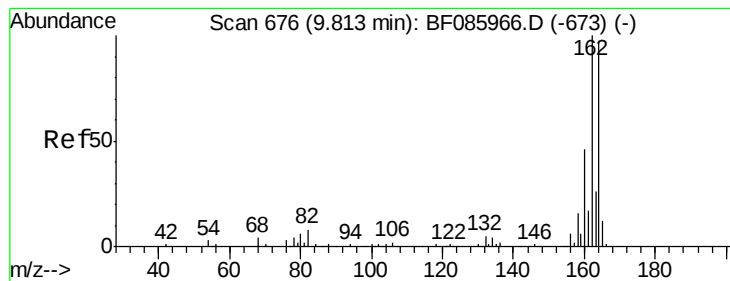


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.76 min Scan# 671

Delta R.T. -0.06 min

Lab File: BF086175.D

Acq: 8 Apr 2016 18:31

Instrument :

BNA_F

ClientSampled :

MW-4

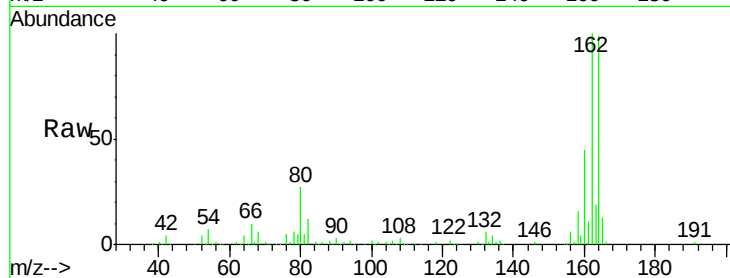
Tgt Ion:164 Resp: 229111

Ion Ratio Lower Upper

164 100

162 101.4 82.1 123.1

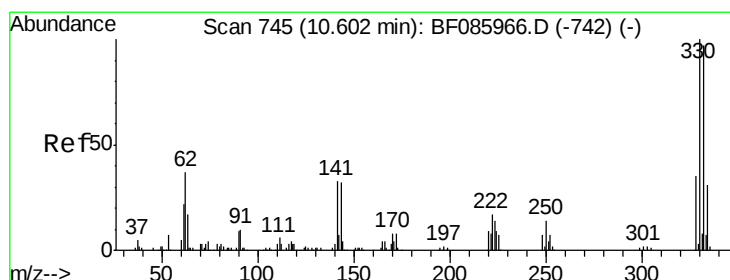
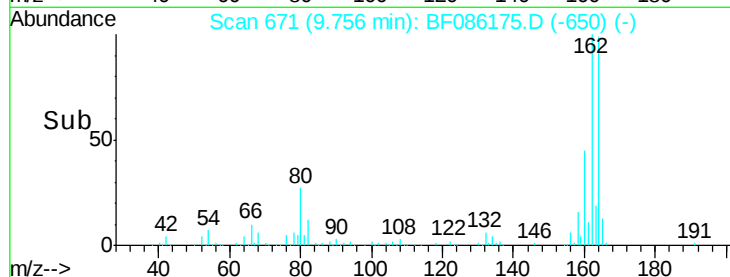
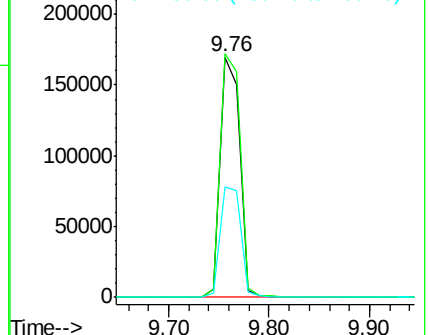
160 46.1 37.4 56.2



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: 149.29 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.05 min

Lab File: BF086175.D

Acq: 8 Apr 2016 18:31

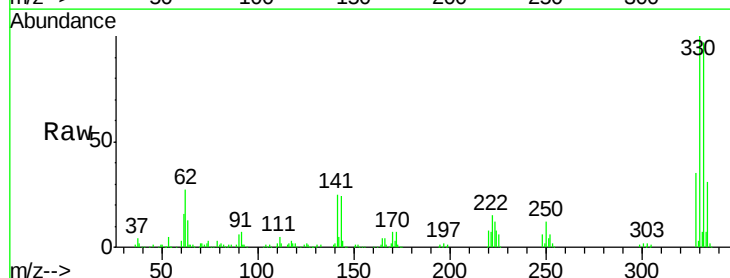
Tgt Ion:330 Resp: 321040

Ion Ratio Lower Upper

330 100

332 96.1 78.2 117.2

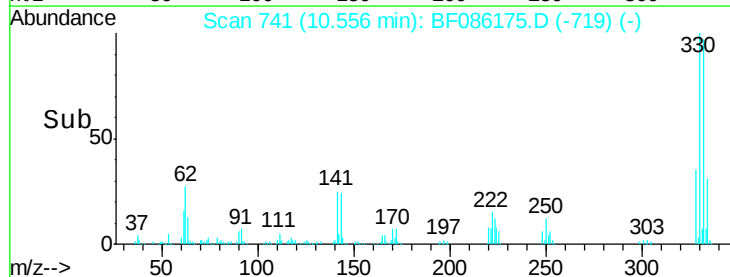
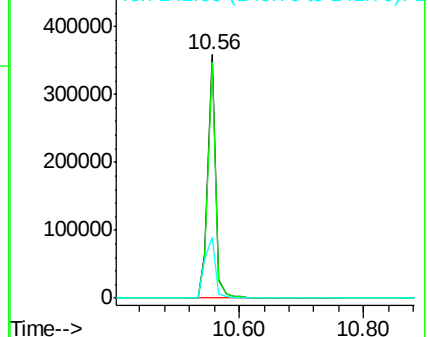
141 34.5 31.5 47.3

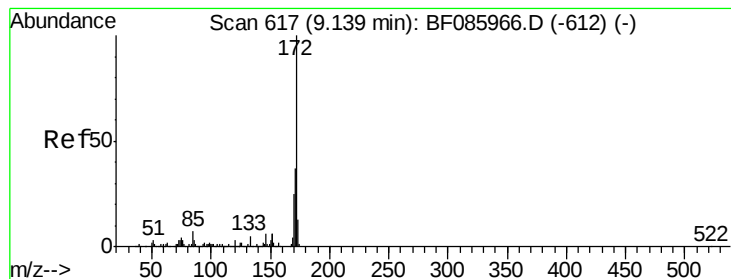


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 98.29 ng

RT: 9.09 min Scan# 613

Delta R.T. -0.05 min

Lab File: BF086175.D

Acq: 8 Apr 2016 18:31

Instrument :

BNA_F

ClientSampleId :

MW-4

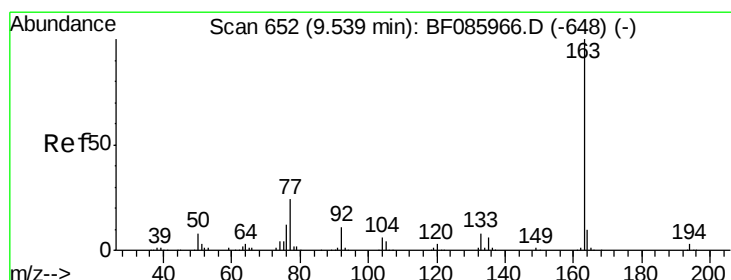
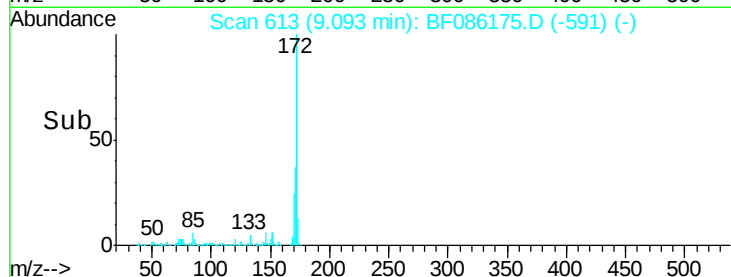
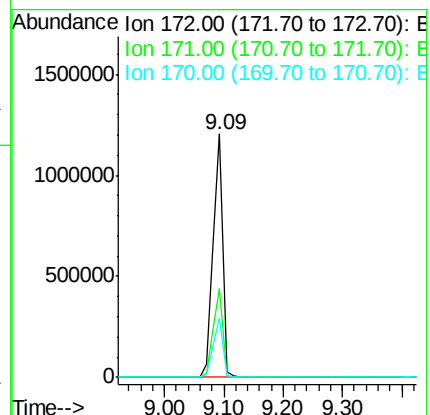
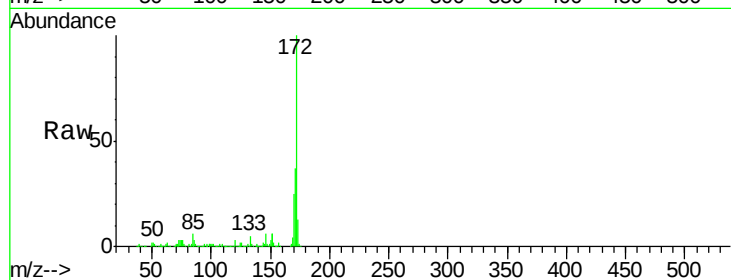
Tgt Ion:172 Resp: 1354381

Ion Ratio Lower Upper

172 100

171 36.5 29.4 44.2

170 24.6 19.8 29.6



#49

Dimethylphthalate

Concen: 2.36 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.05 min

Lab File: BF086175.D

Acq: 8 Apr 2016 18:31

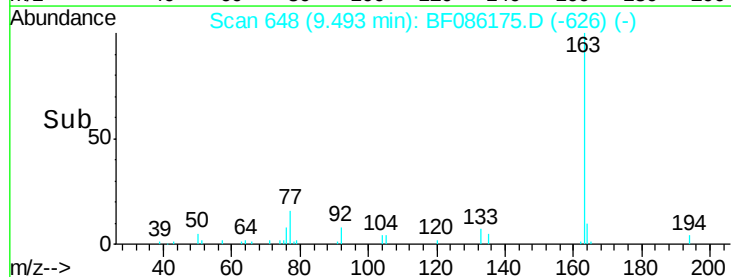
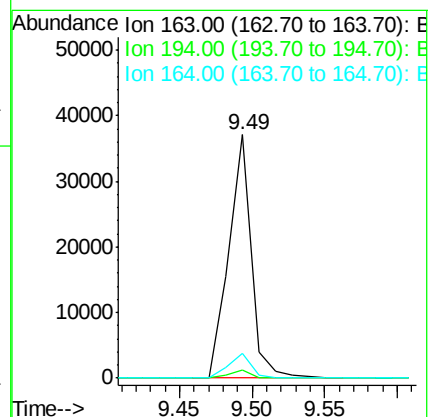
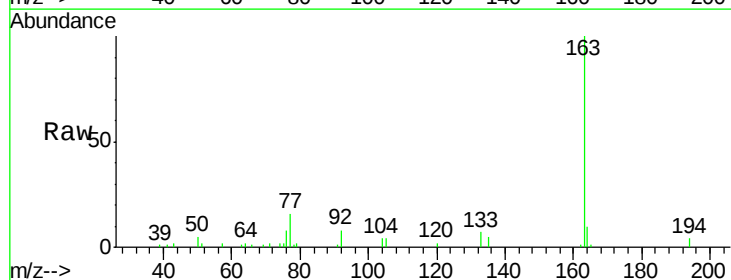
Tgt Ion:163 Resp: 40127

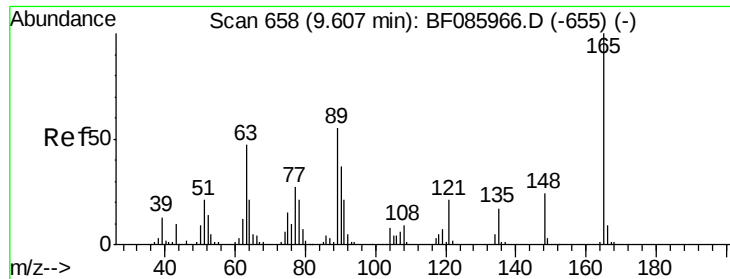
Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

164 10.0 8.3 12.5

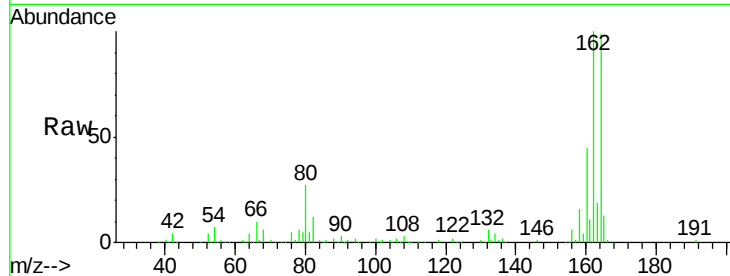




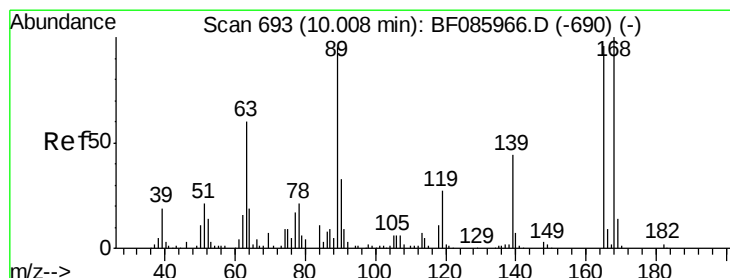
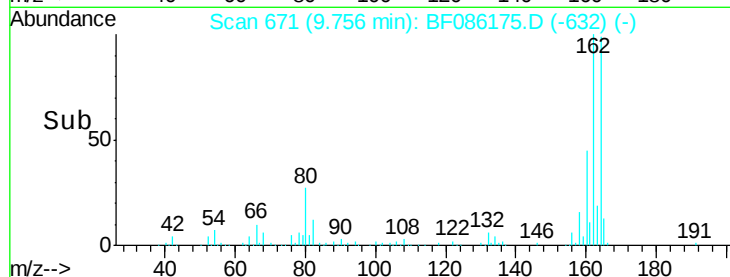
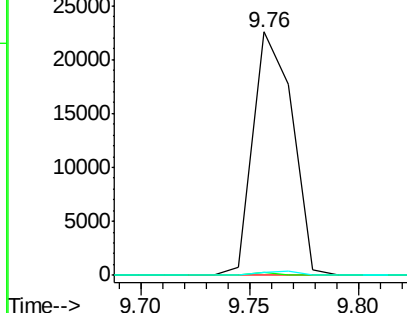
#50
 2,6-Dinitrotoluene
 Concen: 7.95 ng
 RT: 9.76 min Scan# 671
 Delta R.T. 0.15 min
 Lab File: BF086175.D
 Acq: 8 Apr 2016 18:31

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tgt Ion:165 Resp: 28567
 Ion Ratio Lower Upper
 165 100
 63 1.4 51.8 77.8#
 89 1.4 53.7 80.5#

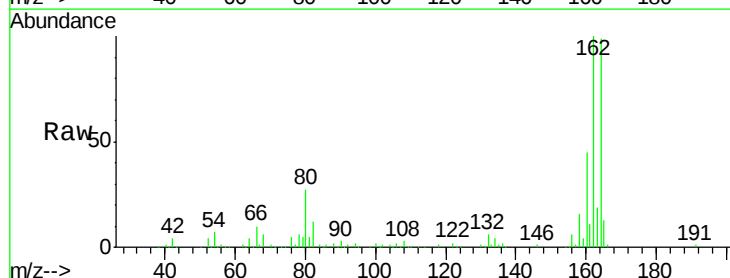


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

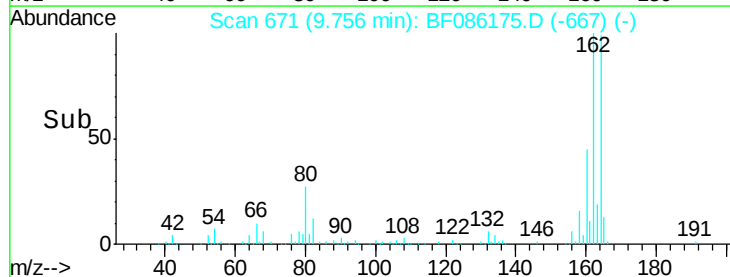
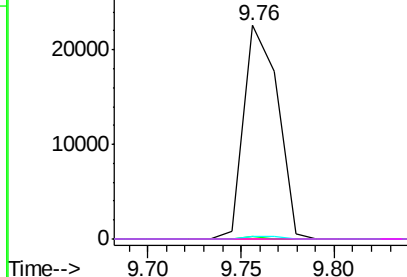


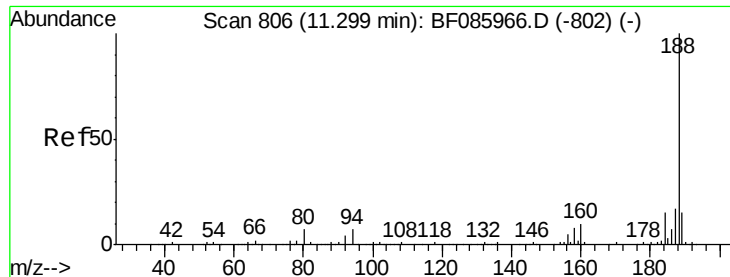
#56
 2,4-Dinitrotoluene
 Concen: 6.29 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.25 min
 Lab File: BF086175.D
 Acq: 8 Apr 2016 18:31

Tgt Ion:165 Resp: 28568
 Ion Ratio Lower Upper
 165 100
 63 1.4 24.9 37.3#
 89 1.4 41.0 61.6#
 182 0.0 2.1 3.1#



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
 Ion 182.00 (181.70 to 182.70): E

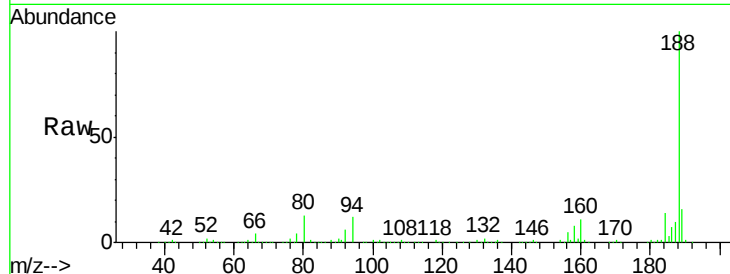




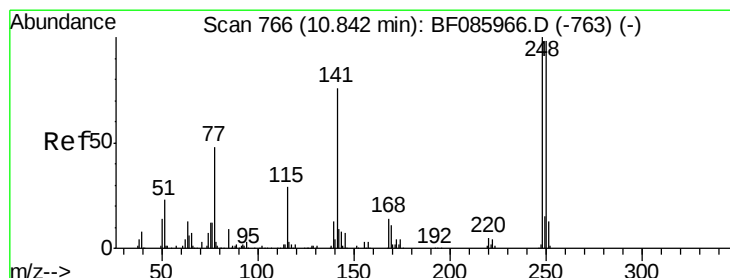
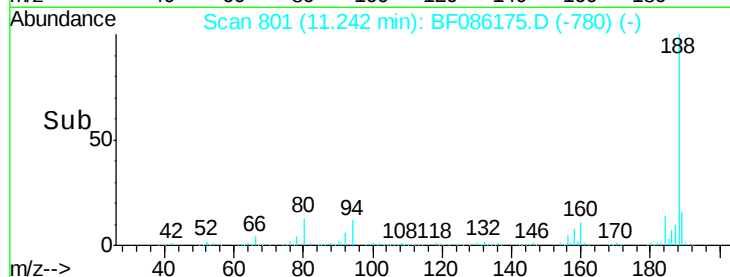
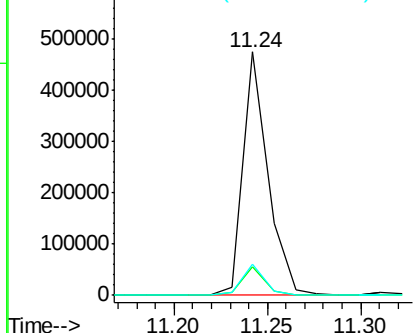
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.06 min
 Lab File: BF086175.D
 Acq: 8 Apr 2016 18:31

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tgt Ion:188 Resp: 443960
 Ion Ratio Lower Upper
 188 100
 94 11.5 5.4 8.0#
 80 12.5 5.5 8.3#

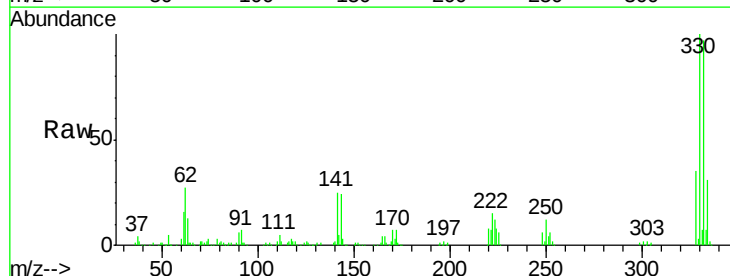


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

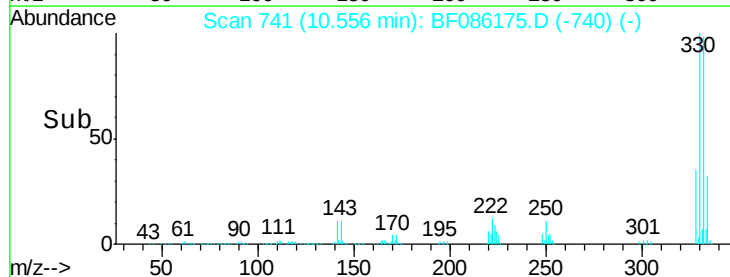
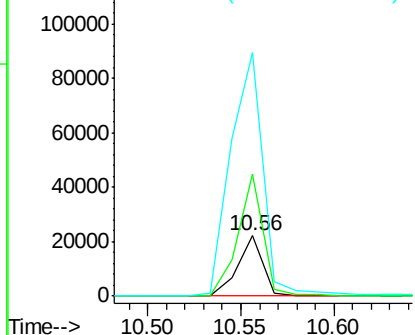


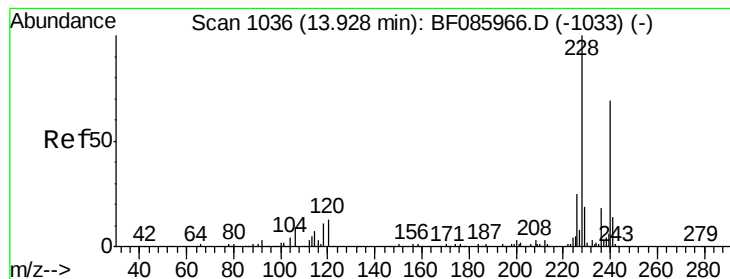
#66
 4-Bromophenyl-phenylether
 Concen: 4.61 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.29 min
 Lab File: BF086175.D
 Acq: 8 Apr 2016 18:31

Tgt Ion:248 Resp: 20903
 Ion Ratio Lower Upper
 248 100
 250 201.7 77.4 116.0#
 141 402.9 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: 13.88 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF086175.D

Acq: 8 Apr 2016 18:31

Instrument :

BNA_F

ClientSampleId :

MW-4

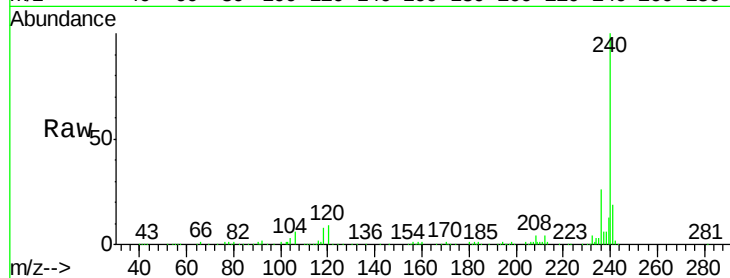
Tgt Ion:240 Resp: 329232

Ion Ratio Lower Upper

240 100

120 9.1 13.8 20.8#

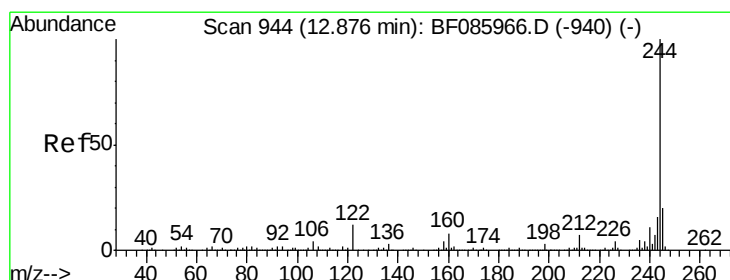
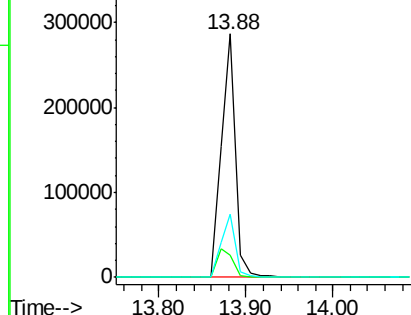
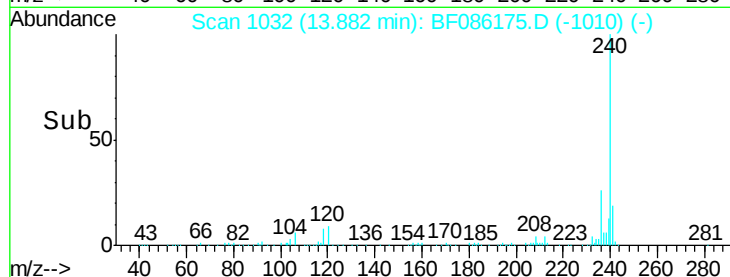
236 26.1 20.6 30.8



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: 82.68 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.05 min

Lab File: BF086175.D

Acq: 8 Apr 2016 18:31

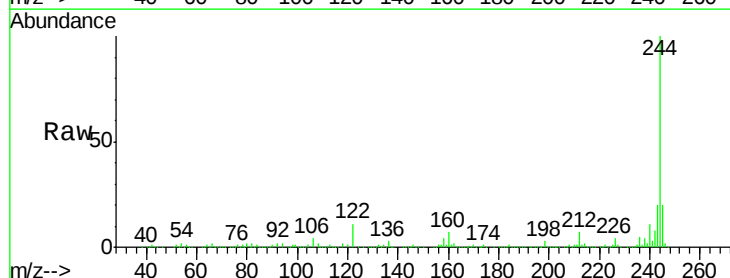
Tgt Ion:244 Resp: 1158009

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

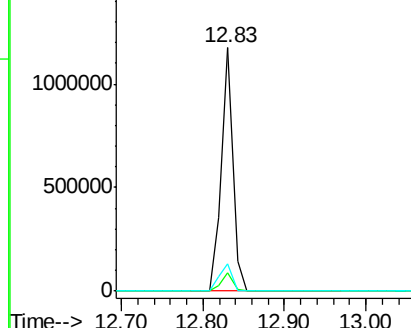
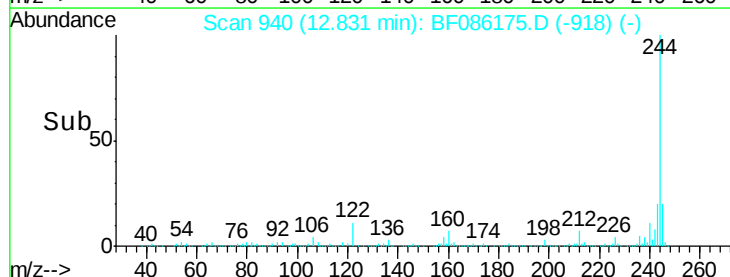
122 11.3 10.2 15.4

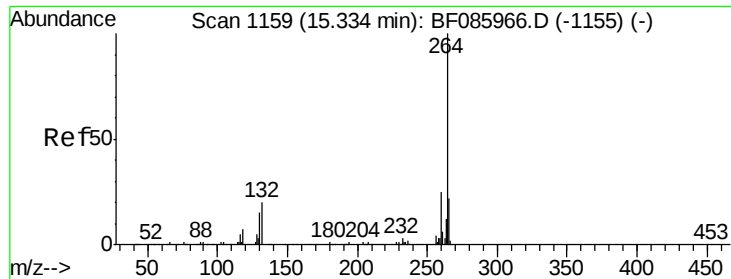


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

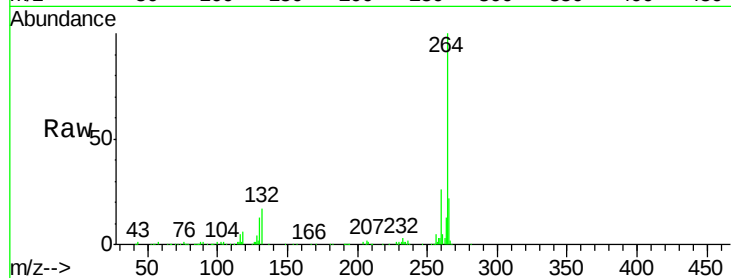




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF086175.D
Acq: 8 Apr 2016 18:31

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 264 Resp: 228243
Ion Ratio Lower Upper
264 100
260 25.5 19.4 29.2
265 21.5 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

