

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
 Data File : BF086090.D
 Acq On : 6 Apr 2016 11:20
 Operator : UM/SJ
 Sample : H1976-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: Apr 07 01:00:13 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

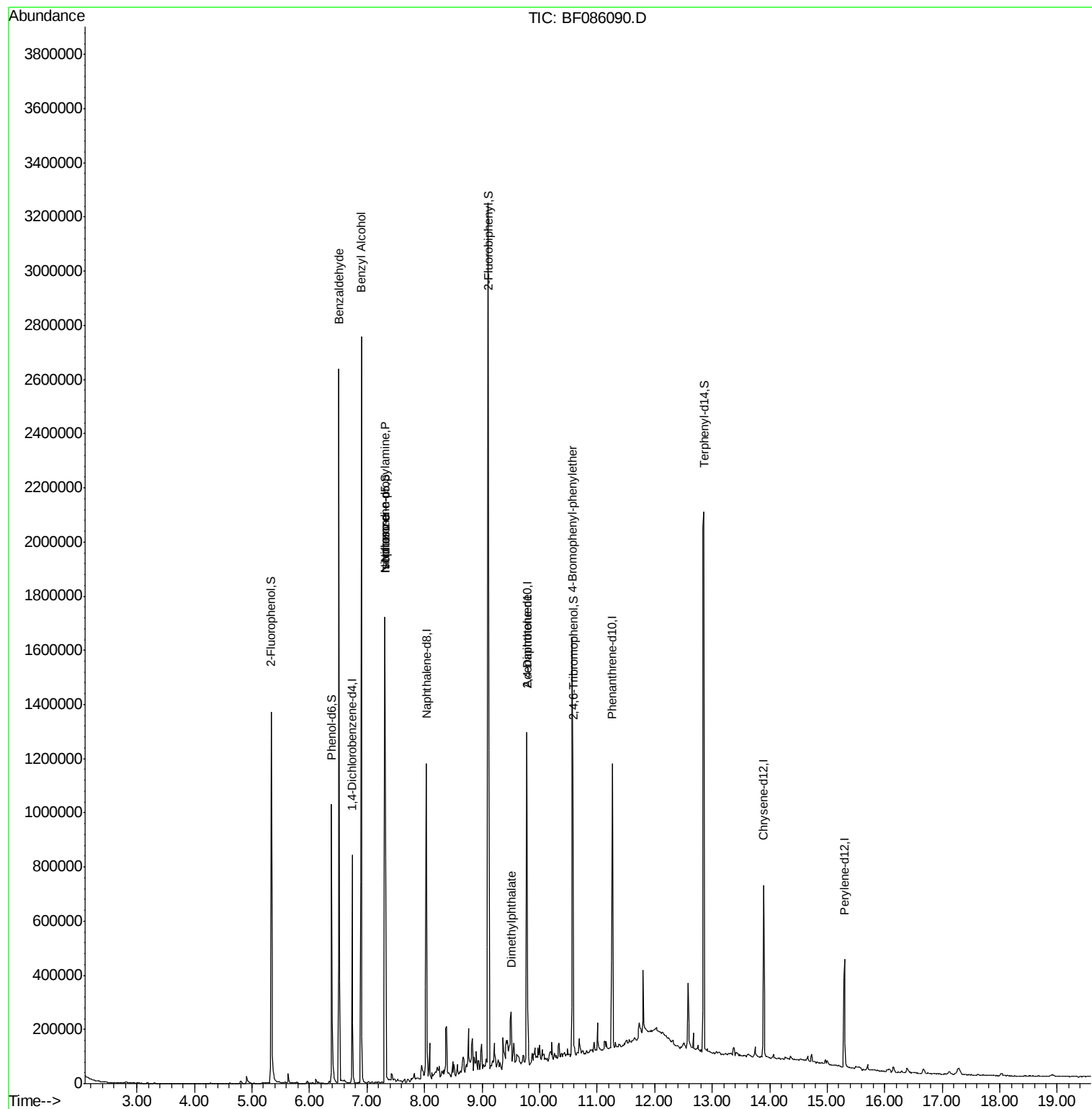
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	125848	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	512384	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	224323	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	393254	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	220857	20.00	ng	-0.03
86) Perylene-d12	15.30	264	200489	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	457155	62.09	ng	-0.03
7) Phenol-d6	6.38	99	379419	40.57	ng	-0.03
23) Nitrobenzene-d5	7.31	82	712248	81.98	ng	-0.03
41) 2,4,6-Tribromophenol	10.58	330	291422	138.41	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1148964	85.16	ng	-0.03
78) Terphenyl-d14	12.85	244	972107	103.46	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.51	77	16095	3.20	ng	Qvalue 84
15) Benzyl Alcohol	6.90	79	12329	2.04	ng	# 45
19) n-Nitroso-di-n-propylamine	7.31	70	92705	15.99	ng	# 78
25) Isophorone	7.31	82	636887	37.13	ng	# 68
49) Dimethylphthalate	9.50	163	53794	3.24	ng	100
56) 2,4-Dinitrotoluene	9.78	165	29432	6.62	ng	# 38
66) 4-Bromophenyl-phenylether	10.57	248	17275	4.30	ng	# 1

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

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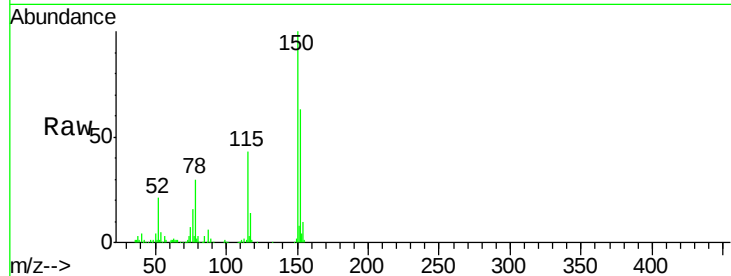


#1

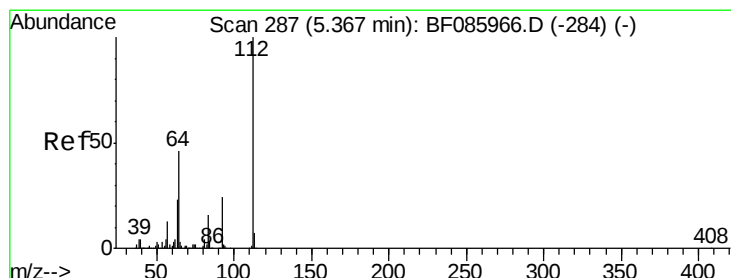
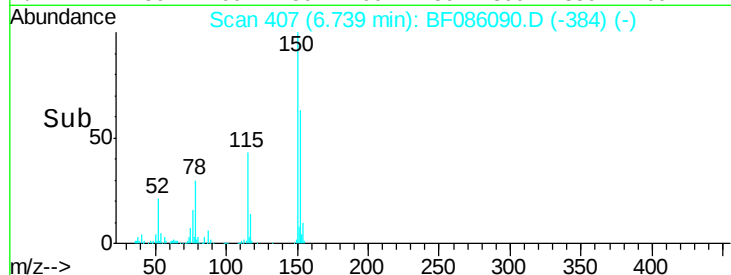
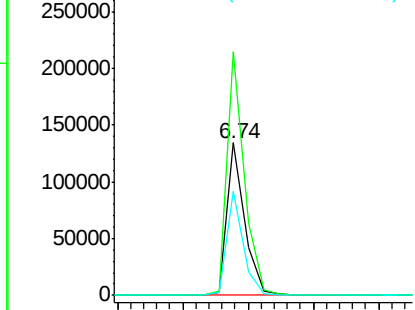
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086090.D
Acq: 6 Apr 2016 11:20

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion:152 Resp: 125848
Ion Ratio Lower Upper
152 100
150 159.8 124.2 186.2
115 68.7 47.0 70.6



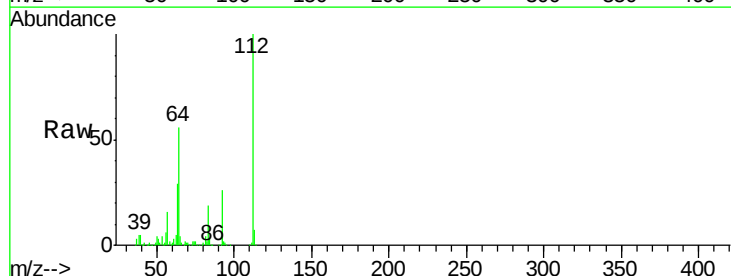
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



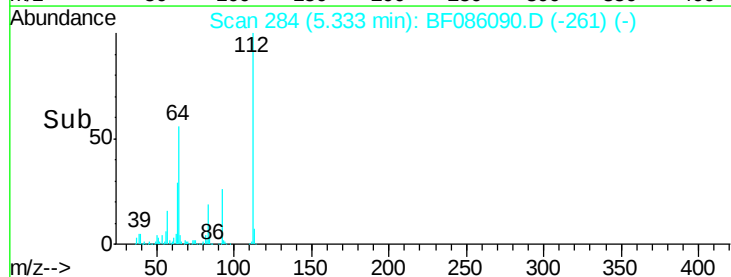
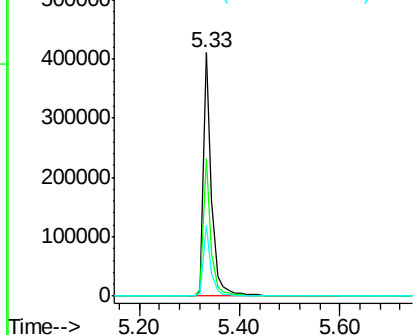
#5

2-Fluorophenol
Concen: 62.09 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.03 min
Lab File: BF086090.D
Acq: 6 Apr 2016 11:20

Tgt Ion:112 Resp: 457155
Ion Ratio Lower Upper
112 100
64 56.4 39.9 59.9
63 28.9 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: 40.57 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086090.D

Acq: 6 Apr 2016 11:20

Instrument :

BNA_F

ClientSampleId :

MW-10

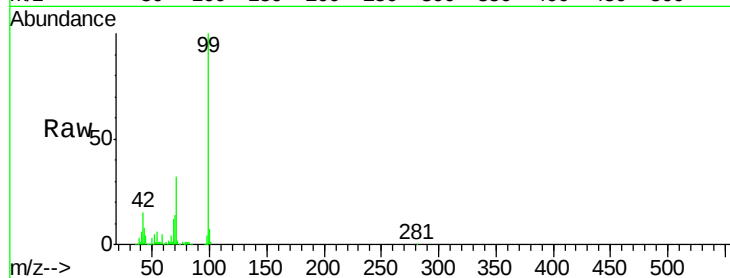
Tgt Ion: 99 Resp: 379419

Ion Ratio Lower Upper

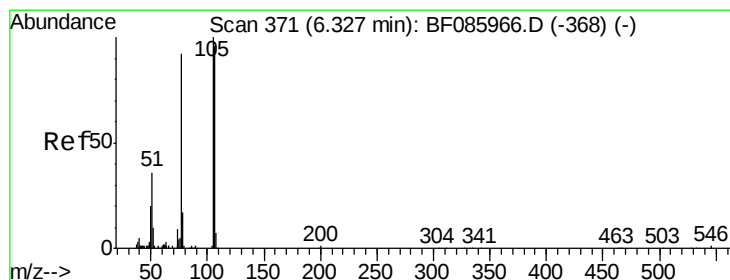
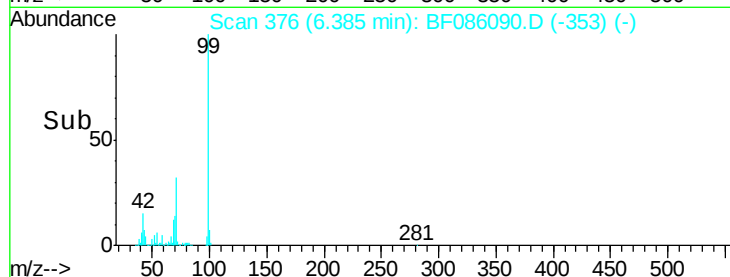
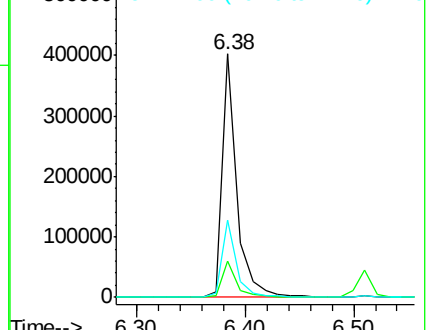
99 100

42 15.0 11.1 16.7

71 31.8 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



#9

Benzaldehyde

Concen: 3.20 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.18 min

Lab File: BF086090.D

Acq: 6 Apr 2016 11:20

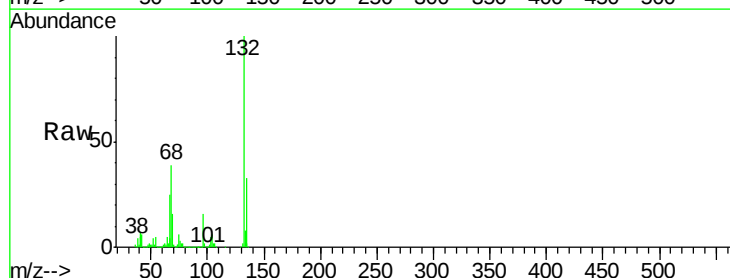
Tgt Ion: 77 Resp: 16095

Ion Ratio Lower Upper

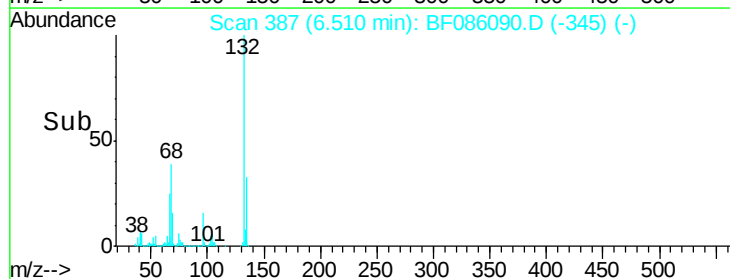
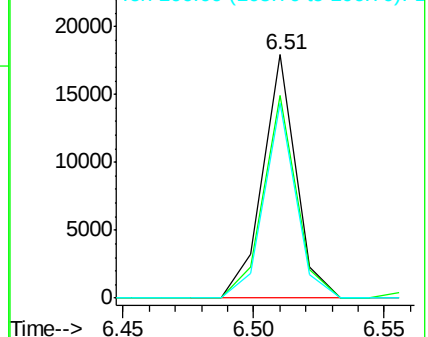
77 100

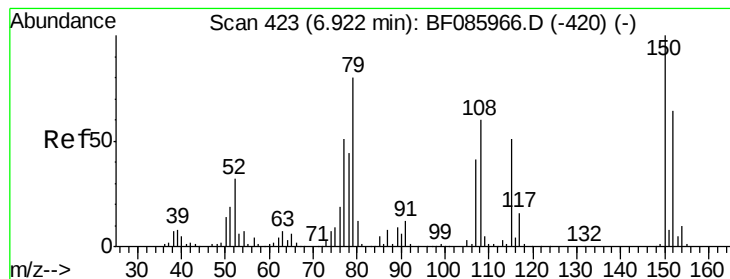
105 83.4 80.1 120.1

106 80.2 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF086090.D

Acq: 6 Apr 2016 11:20

Instrument :

BNA_F

ClientSampleId :

MW-10

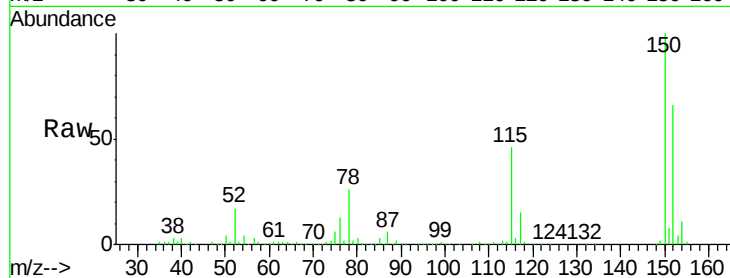
Tgt Ion: 79 Resp: 12329

Ion Ratio Lower Upper

79 100

108 33.9 61.8 92.6#

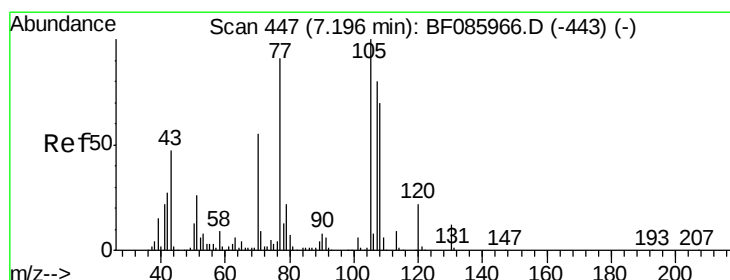
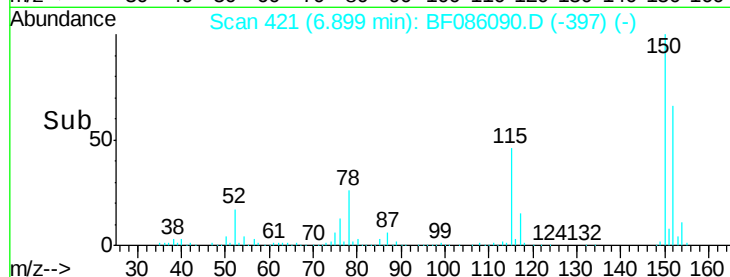
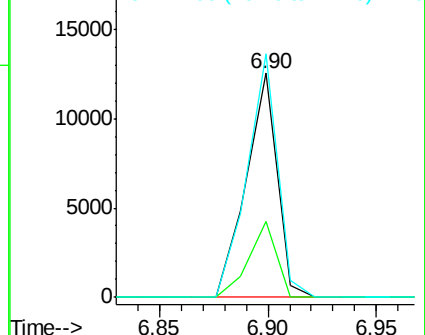
77 108.7 49.6 74.4#



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: 15.99 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.11 min

Lab File: BF086090.D

Acq: 6 Apr 2016 11:20

Tgt Ion: 70 Resp: 92705

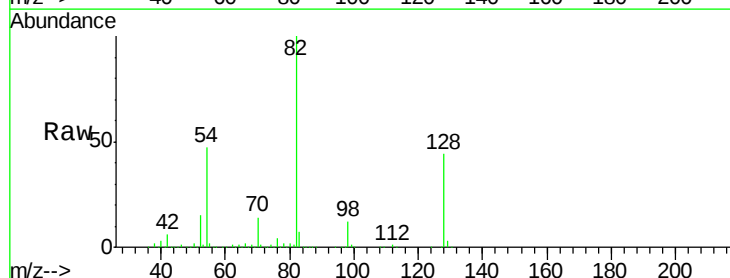
Ion Ratio Lower Upper

70 100

42 41.1 37.1 55.7

101 0.0 8.6 12.8#

130 2.3 19.6 29.4#

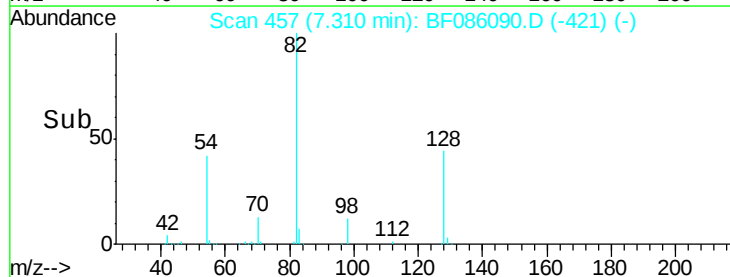
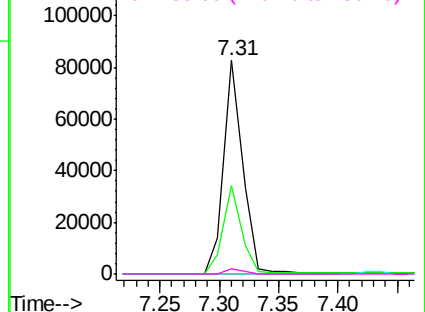


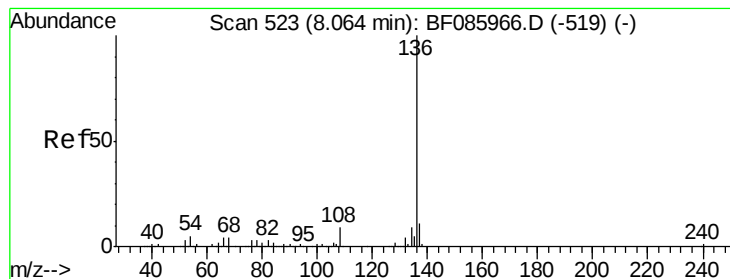
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.03 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF086090.D

Acq: 6 Apr 2016 11:20

Instrument :

BNA_F

ClientSampleId :

MW-10

Tgt Ion: 136 Resp: 512384

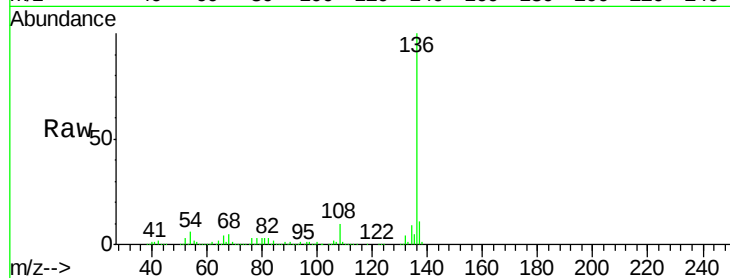
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.7 7.4 11.0#

68 5.4 5.8 8.8#

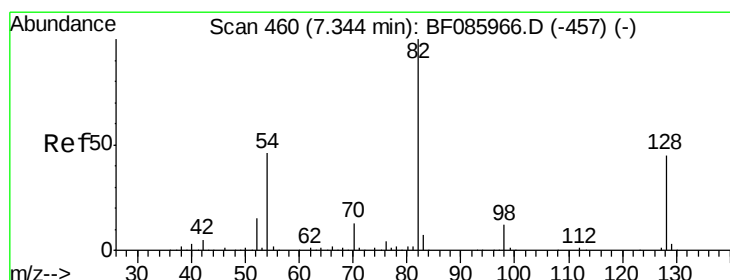
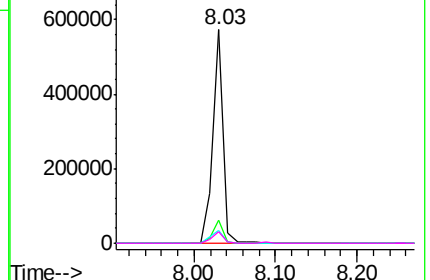
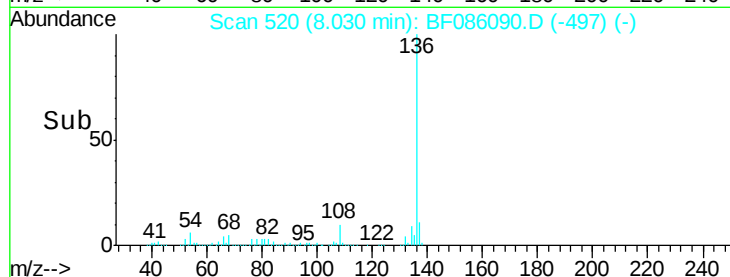


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.98 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF086090.D

Acq: 6 Apr 2016 11:20

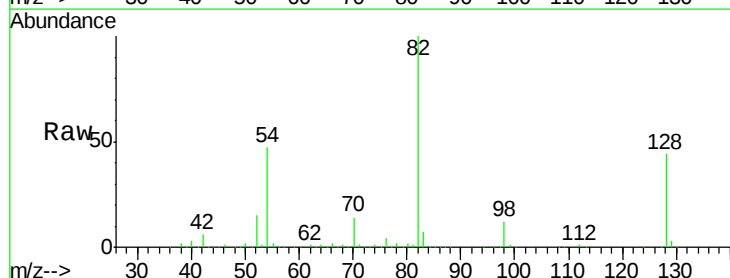
Tgt Ion: 82 Resp: 712248

Ion Ratio Lower Upper

82 100

128 43.7 41.8 62.8

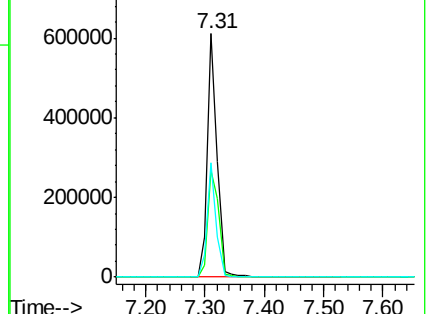
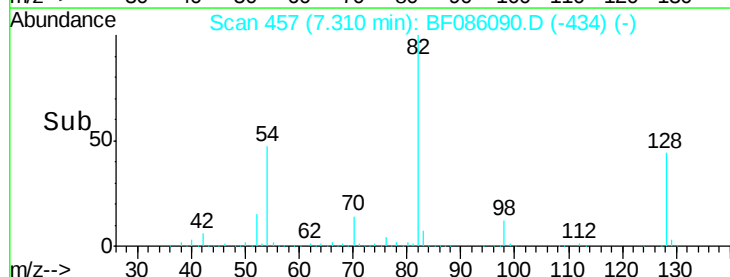
54 46.9 33.4 50.0

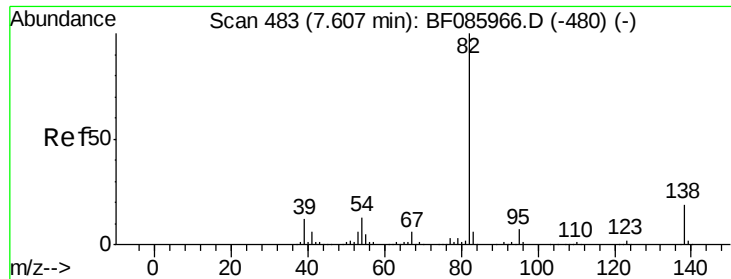


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 37.13 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.30 min

Lab File: BF086090.D

Acq: 6 Apr 2016 11:20

Instrument :

BNA_F

ClientSampleId :

MW-10

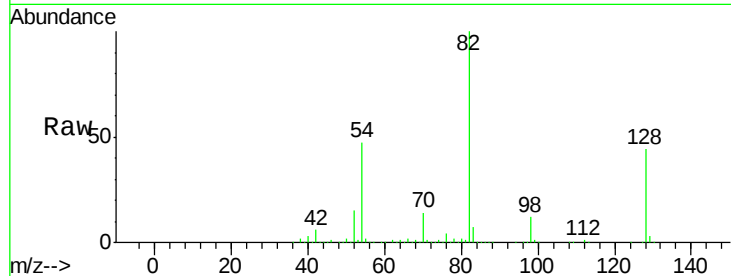
Tgt Ion: 82 Resp: 636887

Ion Ratio Lower Upper

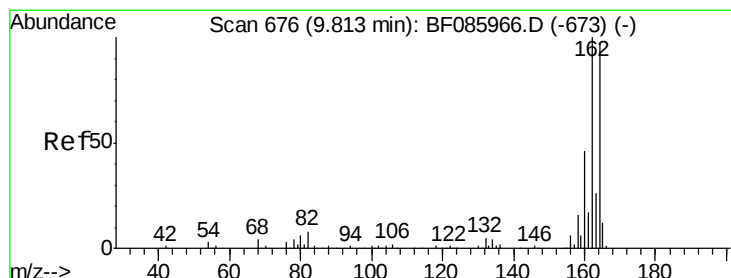
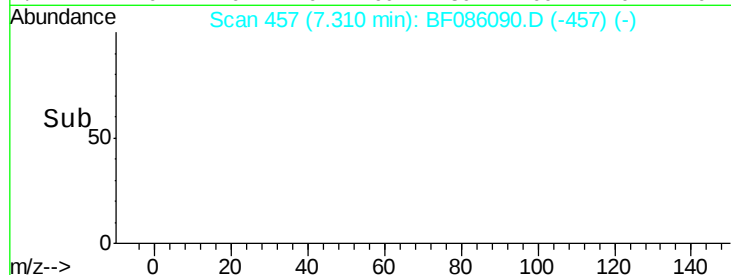
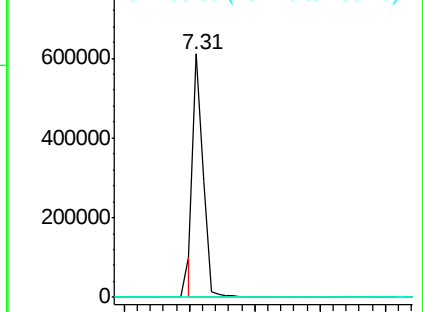
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.03 min

Lab File: BF086090.D

Acq: 6 Apr 2016 11:20

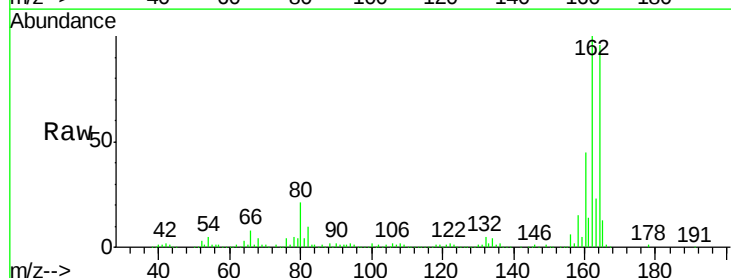
Tgt Ion: 164 Resp: 224323

Ion Ratio Lower Upper

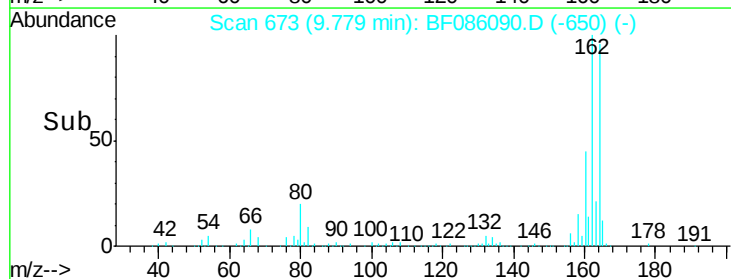
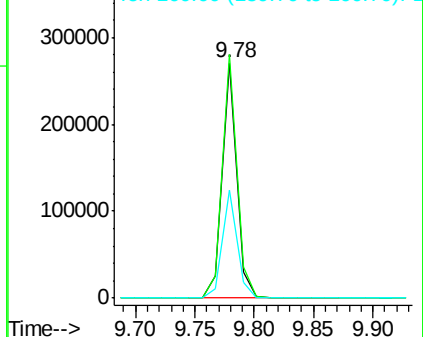
164 100

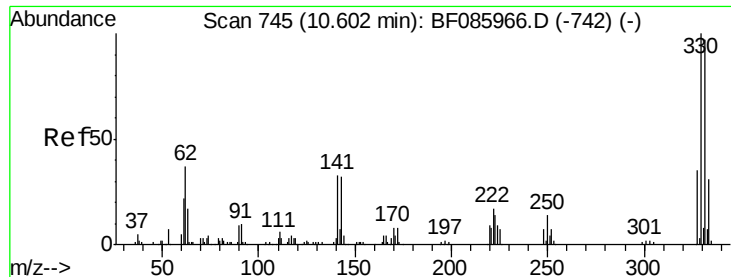
162 103.7 82.1 123.1

160 46.2 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

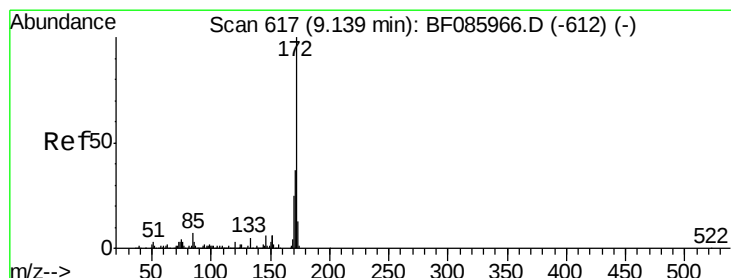
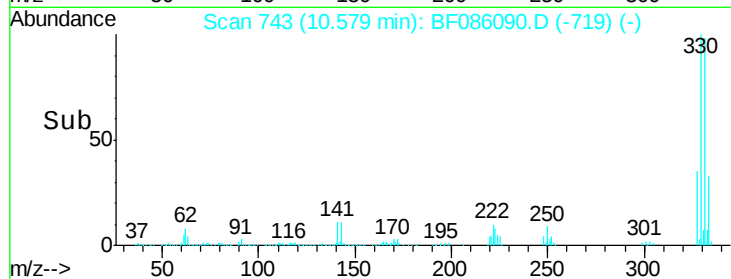
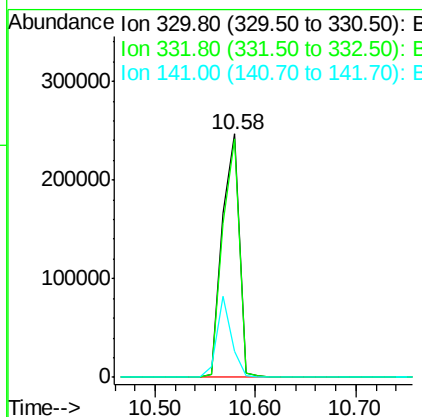
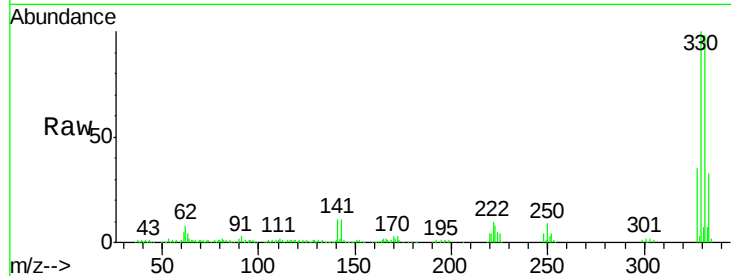




#41
 2,4,6-Tribromophenol
 Concen: 138.41 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF086090.D
 Acq: 6 Apr 2016 11:20

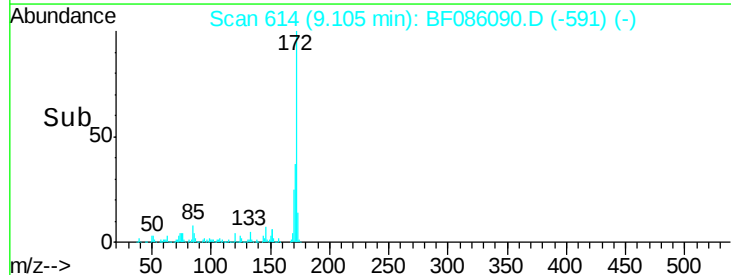
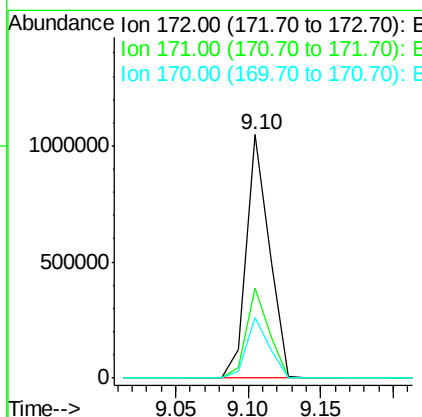
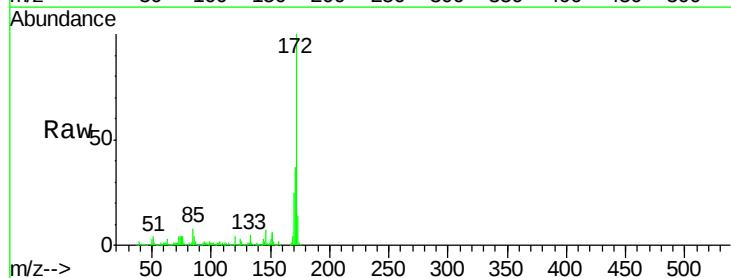
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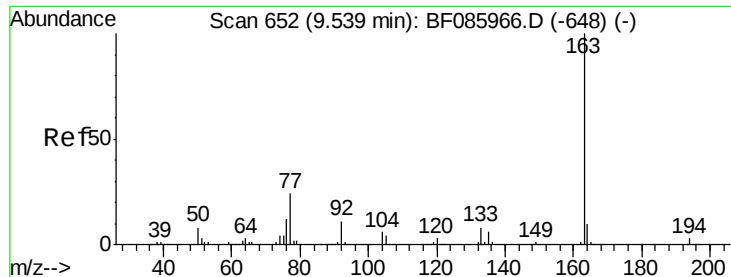
Tgt Ion:330 Resp: 291422
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.2 117.2
 141 28.6 31.5 47.3#



#44
 2-Fluorobiphenyl
 Concen: 85.16 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086090.D
 Acq: 6 Apr 2016 11:20

Tgt Ion:172 Resp: 1148964
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.2
 170 25.0 19.8 29.6

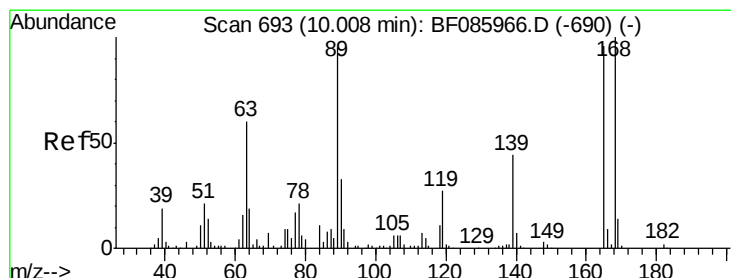
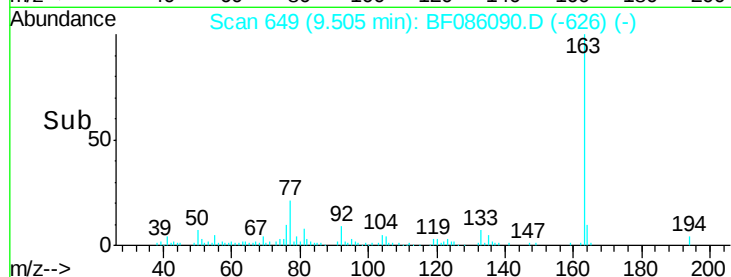
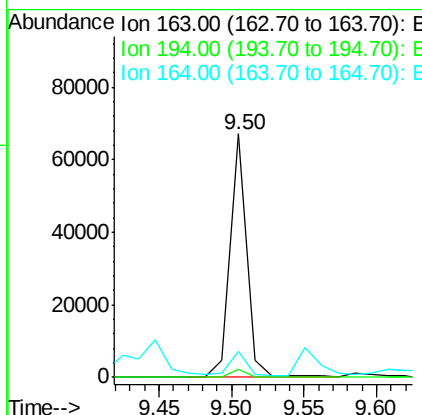
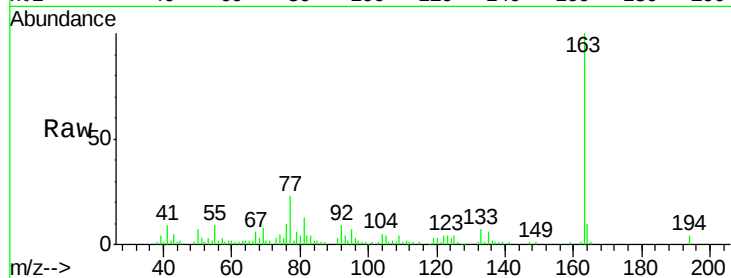




#49
Dimethylphthalate
Concen: 3.24 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.03 min
Lab File: BF086090.D
Acq: 6 Apr 2016 11:20

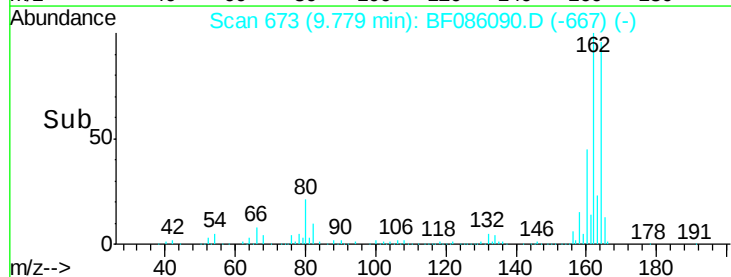
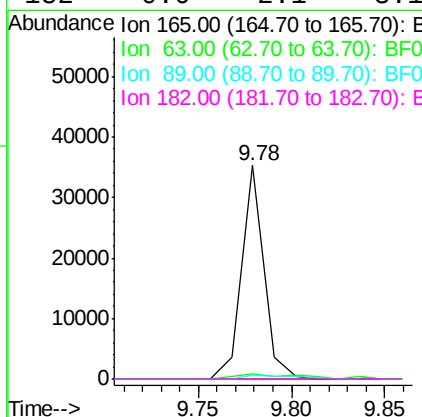
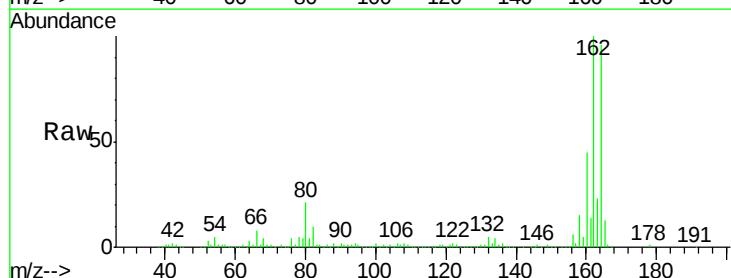
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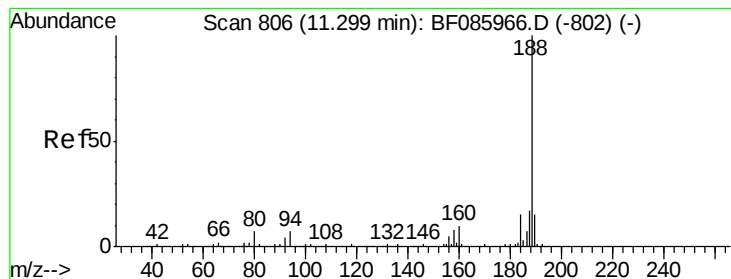
Tgt Ion:163 Resp: 53794
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 10.4 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.62 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.23 min
Lab File: BF086090.D
Acq: 6 Apr 2016 11:20

Tgt Ion:165 Resp: 29432
Ion Ratio Lower Upper
165 100
63 2.2 24.9 37.3#
89 2.0 41.0 61.6#
182 0.0 2.1 3.1#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.03 min

Lab File: BF086090.D

Acq: 6 Apr 2016 11:20

Instrument :

BNA_F

ClientSampleId :

MW-10

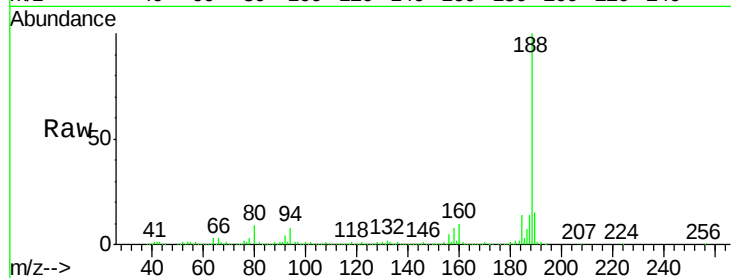
Tgt Ion:188 Resp: 393254

Ion Ratio Lower Upper

188 100

94 8.2 5.4 8.0#

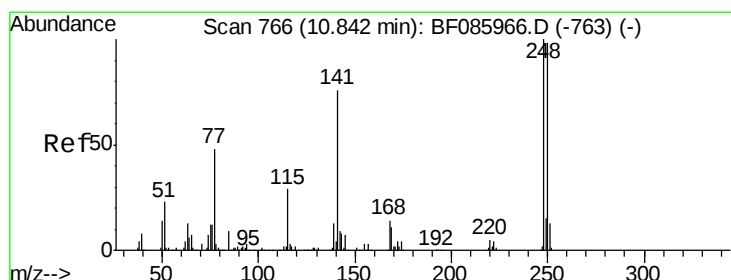
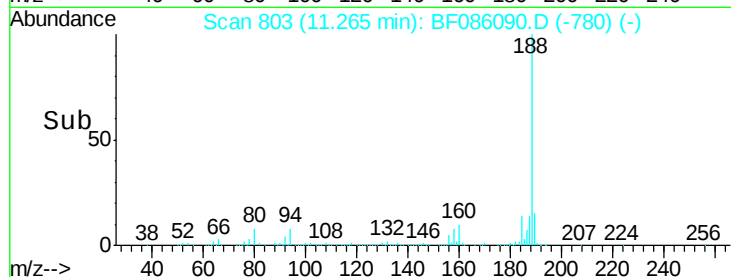
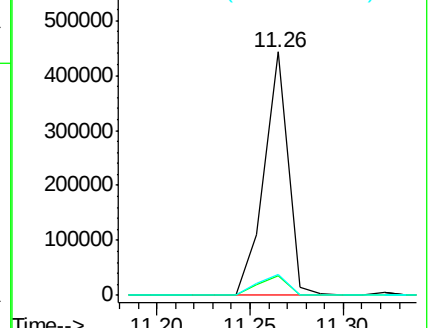
80 8.5 5.5 8.3#



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: 4.30 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.27 min

Lab File: BF086090.D

Acq: 6 Apr 2016 11:20

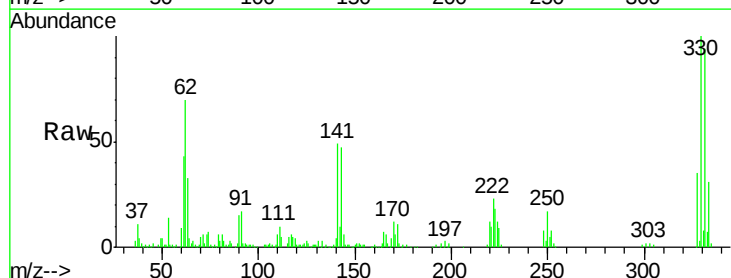
Tgt Ion:248 Resp: 17275

Ion Ratio Lower Upper

248 100

250 199.8 77.4 116.0#

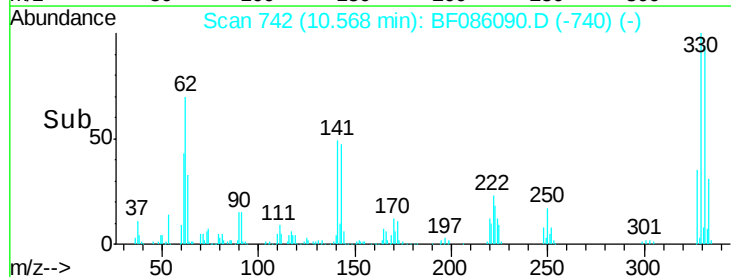
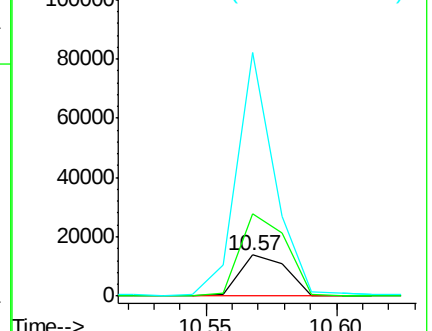
141 590.1 63.6 95.4#

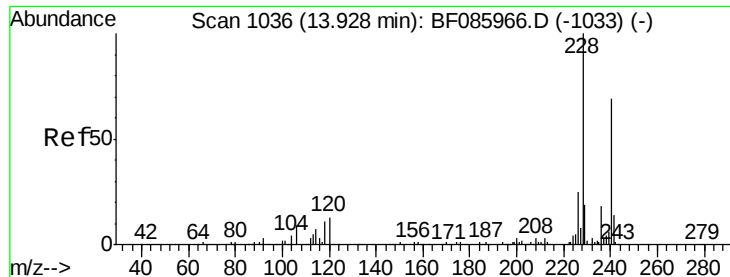


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF086090.D

Acq: 6 Apr 2016 11:20

Instrument :

BNA_F

ClientSampleId :

MW-10

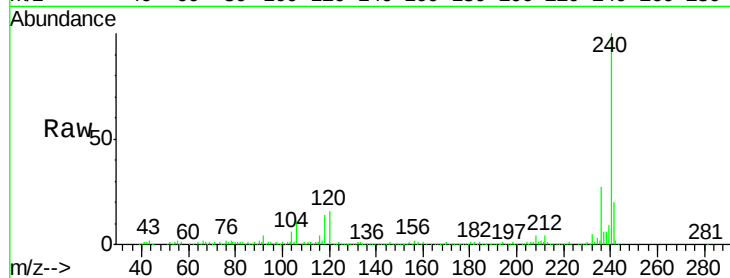
Tgt Ion:240 Resp: 220857

Ion Ratio Lower Upper

240 100

120 15.9 13.8 20.8

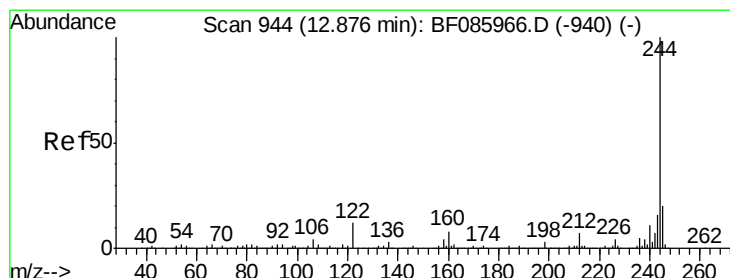
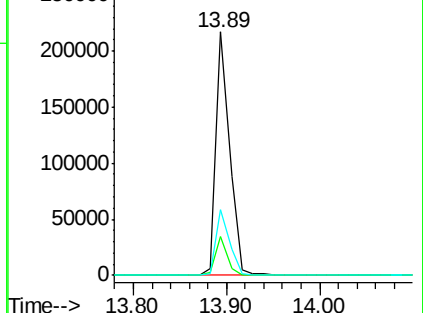
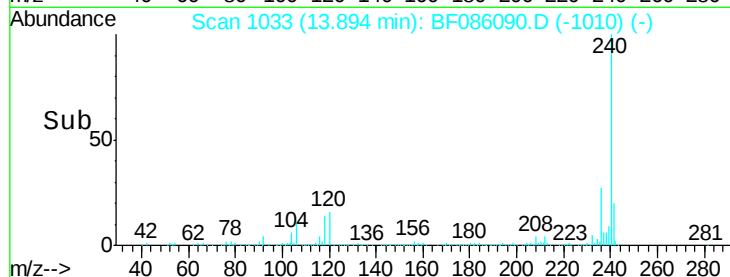
236 27.0 20.6 30.8



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: 103.46 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.02 min

Lab File: BF086090.D

Acq: 6 Apr 2016 11:20

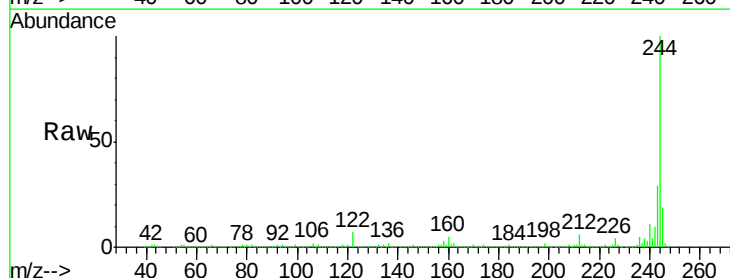
Tgt Ion:244 Resp: 972107

Ion Ratio Lower Upper

244 100

212 6.5 6.1 9.1

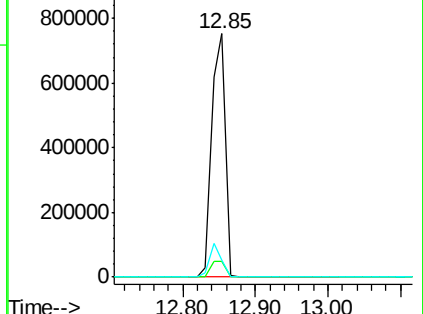
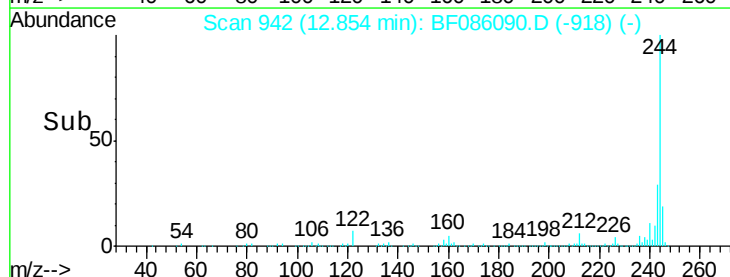
122 6.9 10.2 15.4#

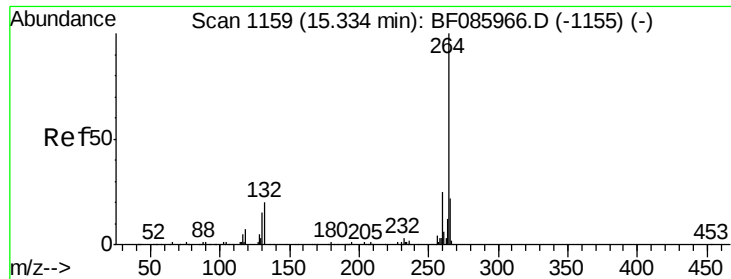


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF086090.D
Acq: 6 Apr 2016 11:20

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	20.6	17.2	25.8

