

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087060.D
 Acq On : 15 May 2016 10:38
 Operator : UM/SJ
 Sample : H2966-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: May 16 04:56:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 14:55:23 2016
 Response via : Initial Calibration

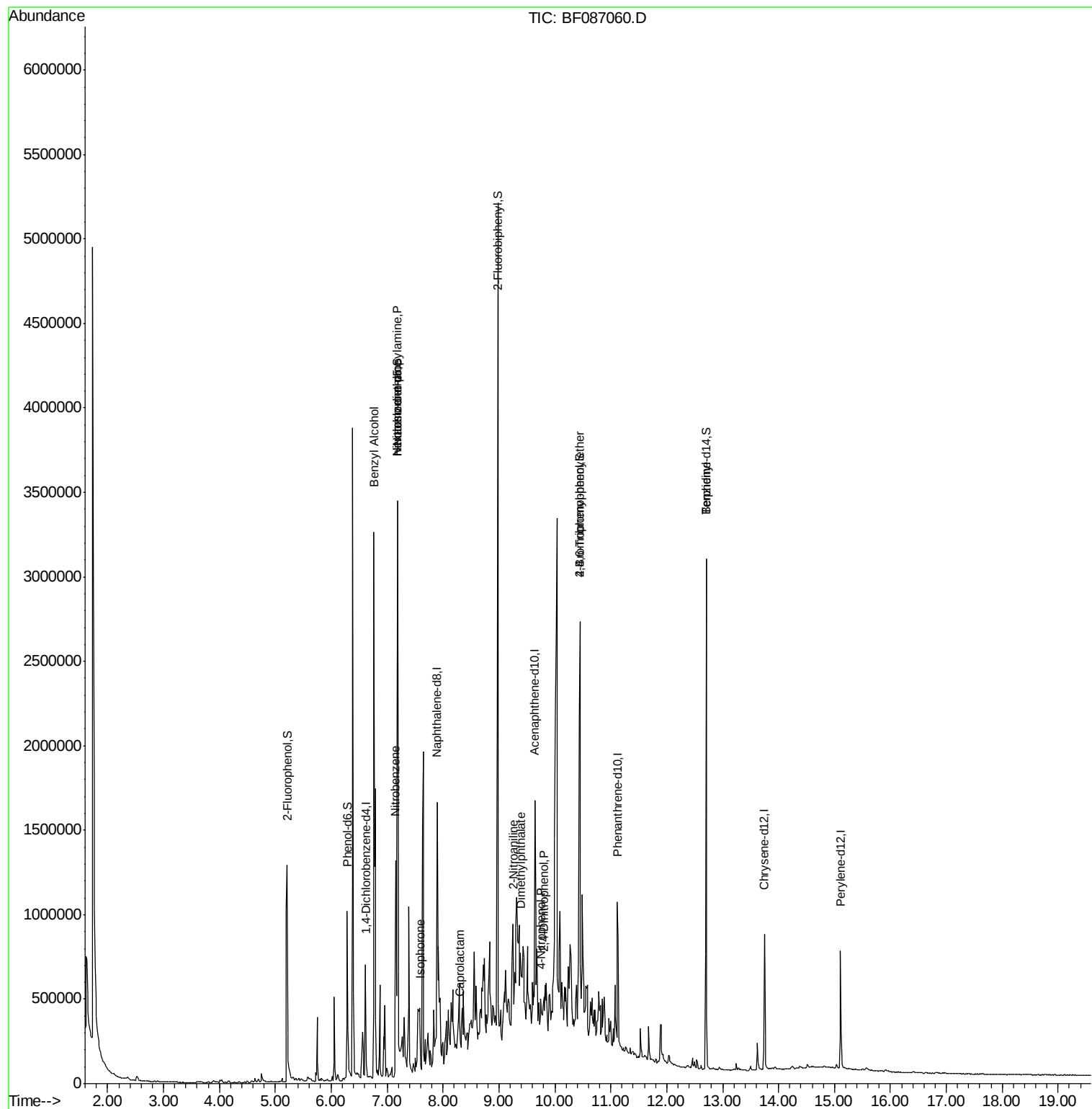
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	132760	20.00	ng	-0.08
21) Naphthalene-d8	7.90	136	516357	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	241815	20.00	ng	-0.09
63) Phenanthrene-d10	11.12	188	396264	20.00	ng	-0.09
75) Chrysene-d12	13.75	240	275020	20.00	ng	-0.09
86) Perylene-d12	15.11	264	286732	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	500373	63.83	ng	-0.08
7) Phenol-d6	6.28	99	400940	38.27	ng	-0.08
23) Nitrobenzene-d5	7.19	82	876250	85.21	ng	-0.08
41) 2,4,6-Tribromophenol	10.44	330	377239	147.36	ng	-0.08
44) 2-Fluorobiphenyl	8.98	172	1470383	102.19	ng	-0.08
78) Terphenyl-d14	12.71	244	834668	64.39	ng	-0.09
Target Compounds						
15) Benzyl Alcohol	6.76	79	21403	2.96	ng	# 40
18) Hexachloroethane	7.19	117	382633	97.42	ng	# 10
19) n-Nitroso-di-n-propylamine	7.19	70	129539	17.69	ng	# 71
24) Nitrobenzene	7.15	77	69434	6.56	ng	# 17
25) Isophorone	7.59	82	39907	2.09	ng	# 64
35) Caprolactam	8.31	113	5471	2.31	ng	# 1
47) 2-Nitroaniline	9.26	65	22447	4.08	ng	# 25
49) Dimethylphthalate	9.38	163	56556	3.07	ng	# 84
53) 2,4-Dinitrophenol	9.80	184	1538	8.39	ng	# 1
55) 4-Nitrophenol	9.76	139	2048	5.27	ng	# 1
60) 4-Chlorophenyl-phenylether	10.19	204	213	Below Cal		# 1
66) 4-Bromophenyl-phenylether	10.44	248	23101	5.75	ng	# 1
76) Benzidine	12.71	184	14872	2.12	ng	96

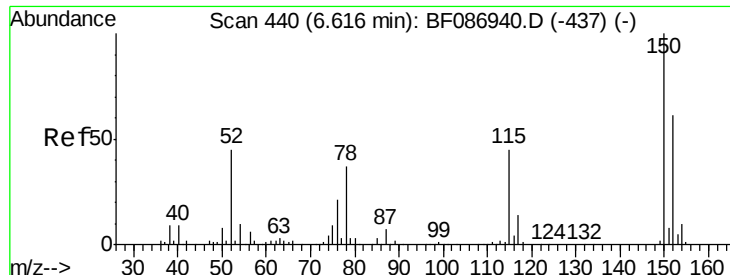
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 13 14:55:23 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.08 min

Lab File: BF087060.D

Acq: 15 May 2016 10:38

Instrument :

BNA_F

ClientSampleId :

MW-01

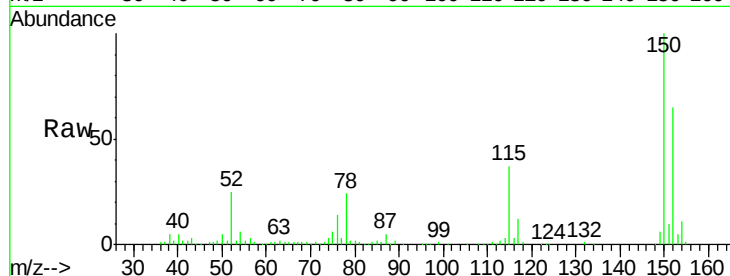
Tgt Ion:152 Resp: 132760

Ion Ratio Lower Upper

152 100

150 154.0 125.8 188.6

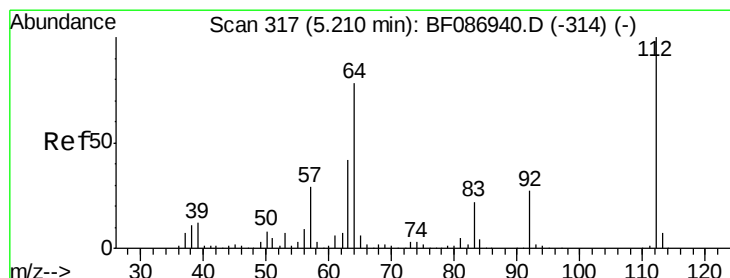
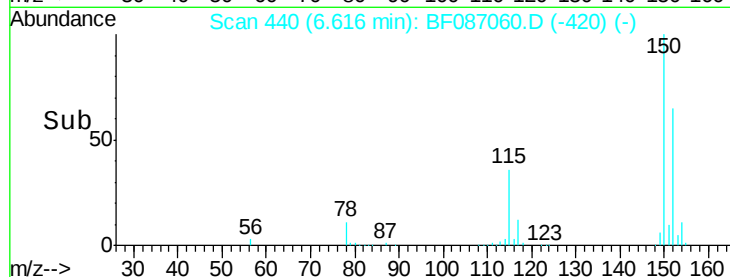
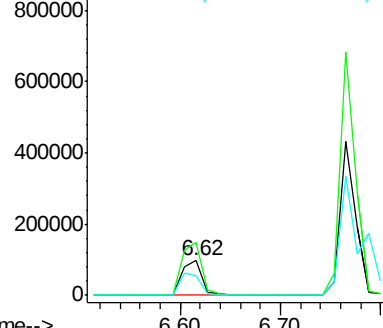
115 56.7 51.5 77.3



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: 63.83 ng

RT: 5.21 min Scan# 317

Delta R.T. -0.08 min

Lab File: BF087060.D

Acq: 15 May 2016 10:38

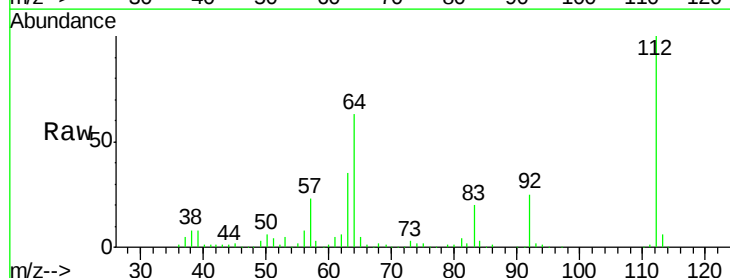
Tgt Ion:112 Resp: 500373

Ion Ratio Lower Upper

112 100

64 63.4 52.1 78.1

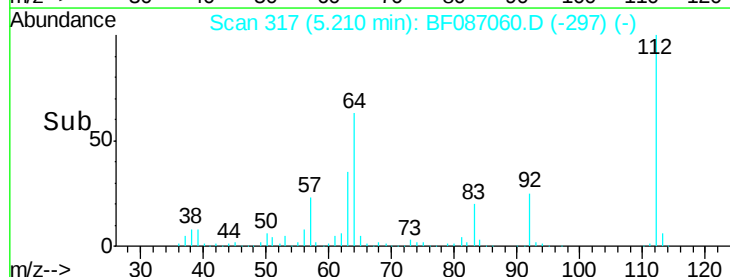
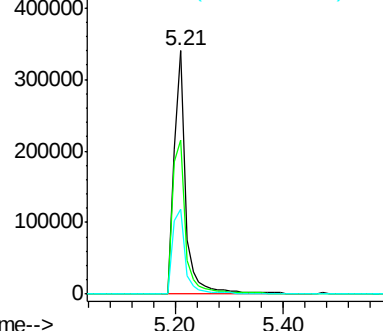
63 34.7 25.7 38.5

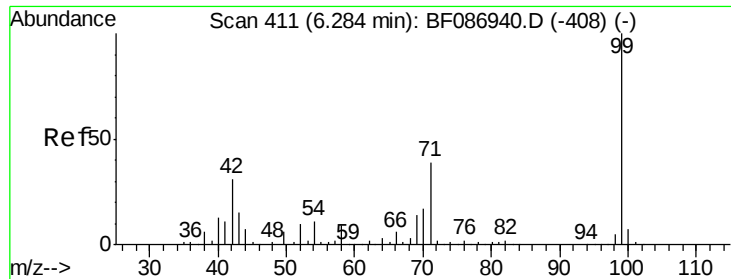


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.27 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF087060.D

Acq: 15 May 2016 10:38

Instrument :

BNA_F

ClientSampleId :

MW-01

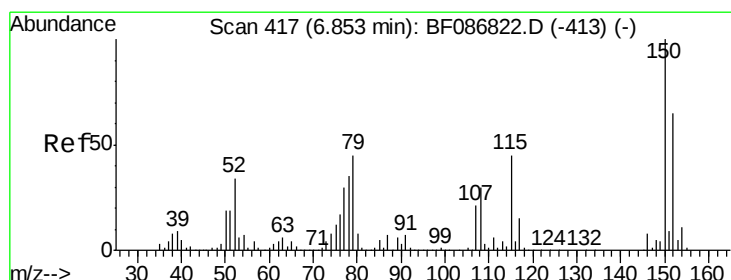
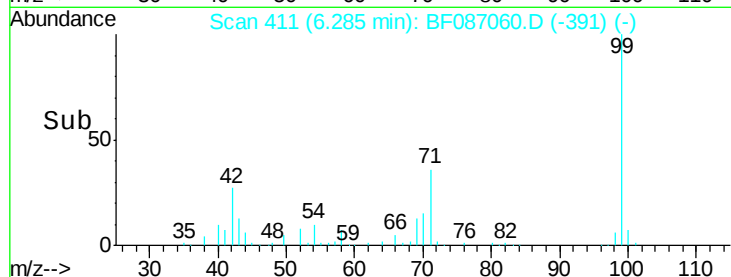
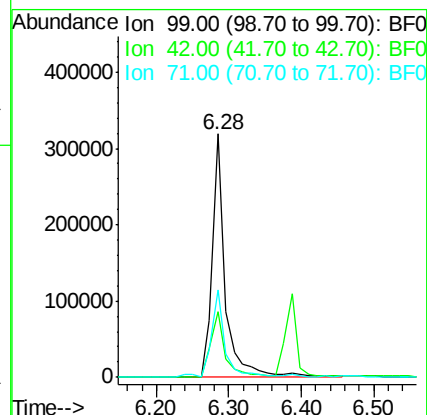
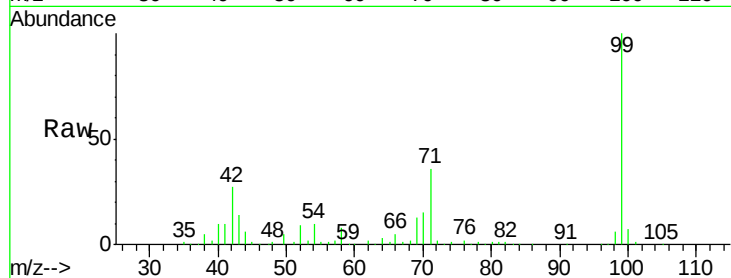
Tgt Ion: 99 Resp: 400940

Ion Ratio Lower Upper

99 100

42 26.9 13.6 20.4#

71 35.8 24.6 36.8



#15

Benzyl Alcohol

Concen: 2.96 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.09 min

Lab File: BF087060.D

Acq: 15 May 2016 10:38

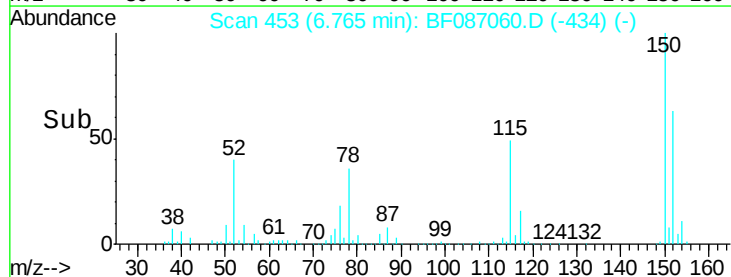
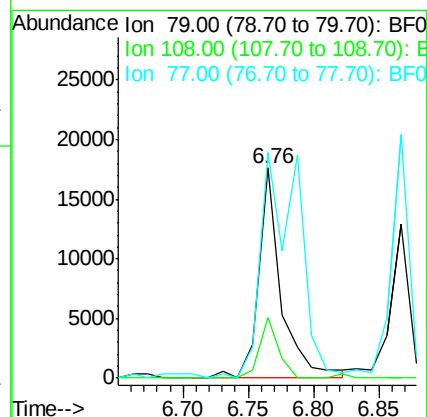
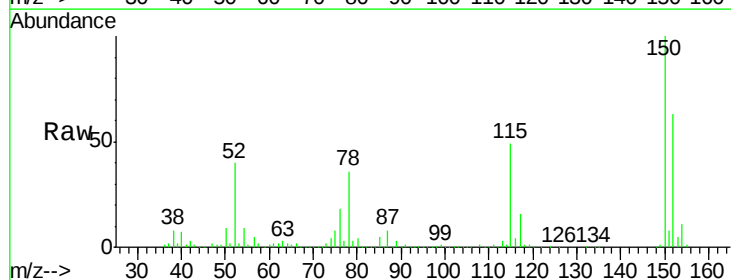
Tgt Ion: 79 Resp: 21403

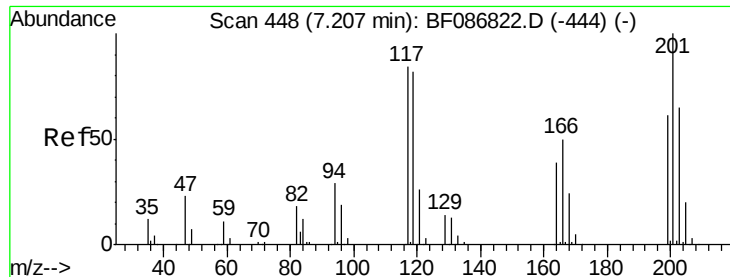
Ion Ratio Lower Upper

79 100

108 28.9 68.4 102.6#

77 107.2 50.6 76.0#

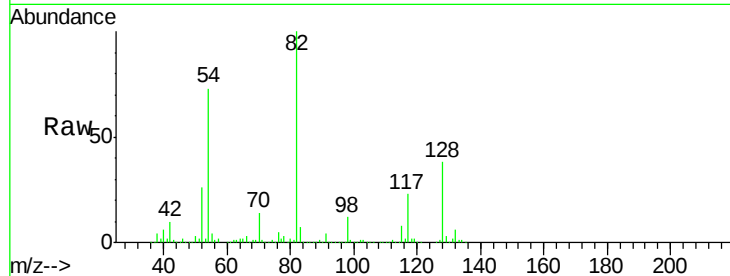




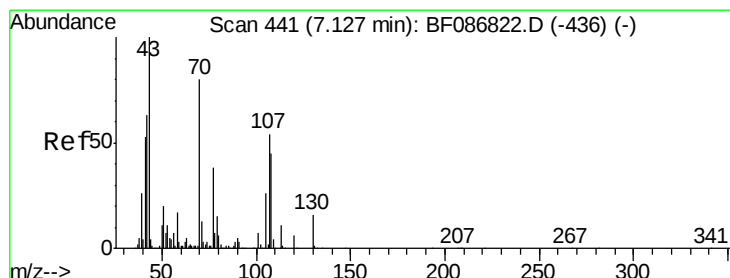
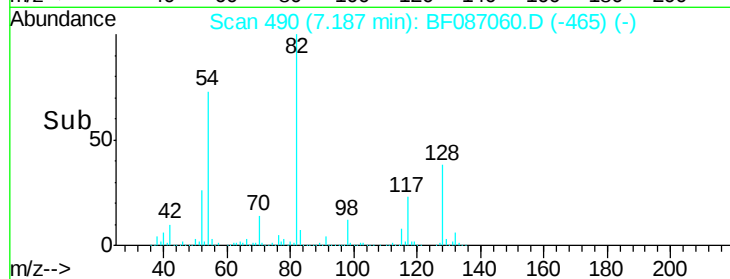
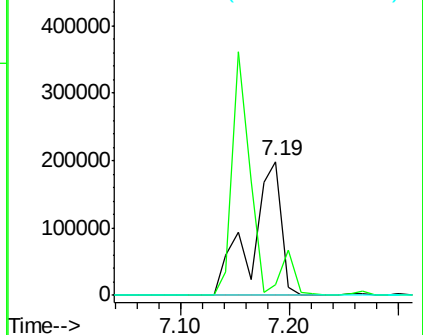
#18
Hexachloroethane
Concen: 97.42 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.02 min
Lab File: BF087060.D
Acq: 15 May 2016 10:38

Instrument :
BNA_F
ClientSampled :
MW-01

Tgt Ion: 117 Resp: 382633
Ion Ratio Lower Upper
117 100
119 8.4 76.5 114.7#
201 0.0 63.0 94.6#

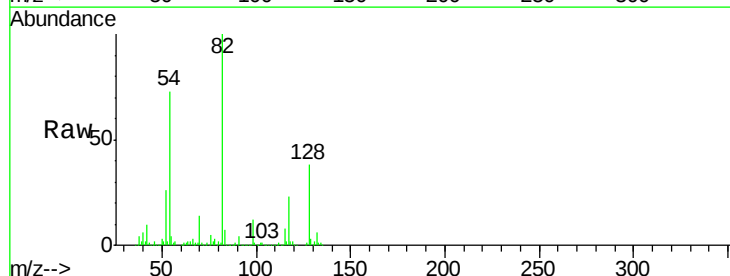


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

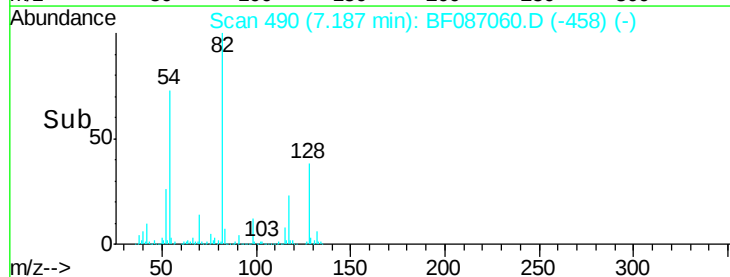
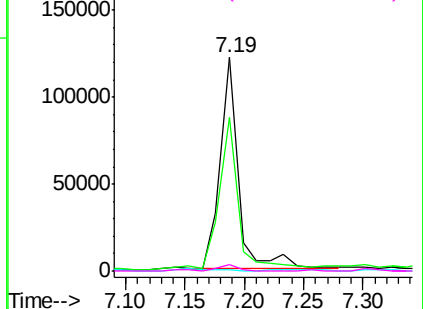


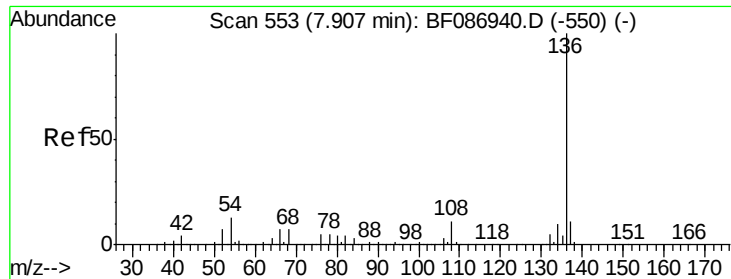
#19
n-Nitroso-di-n-propylamine
Concen: 17.69 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.06 min
Lab File: BF087060.D
Acq: 15 May 2016 10:38

Tgt Ion: 70 Resp: 129539
Ion Ratio Lower Upper
70 100
42 71.8 43.1 64.7#
101 0.9 8.1 12.1#
130 3.0 18.6 28.0#



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: 7.90 min Scan# 552

Delta R.T. -0.09 min

Lab File: BF087060.D

Acq: 15 May 2016 10:38

Instrument :

BNA_F

ClientSampleId :

MW-01

Tgt Ion:136 Resp: 516357

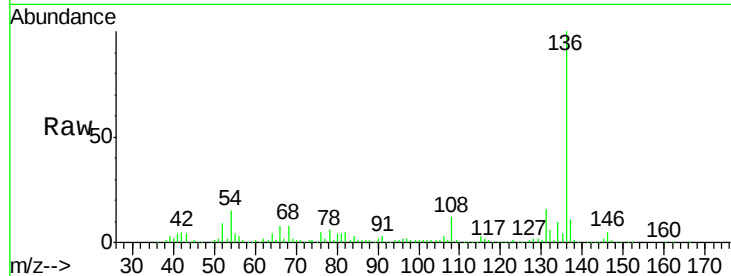
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 14.8 5.0 7.4#

68 7.6 4.4 6.6#

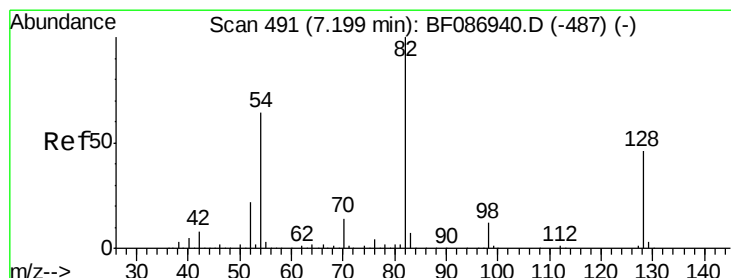
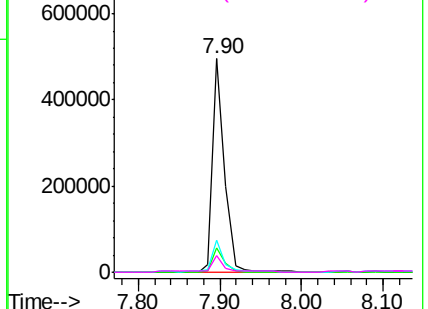
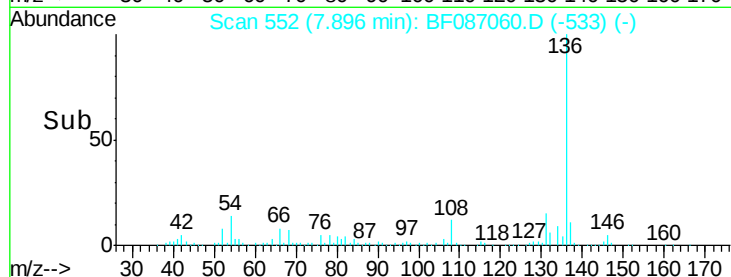


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.21 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.08 min

Lab File: BF087060.D

Acq: 15 May 2016 10:38

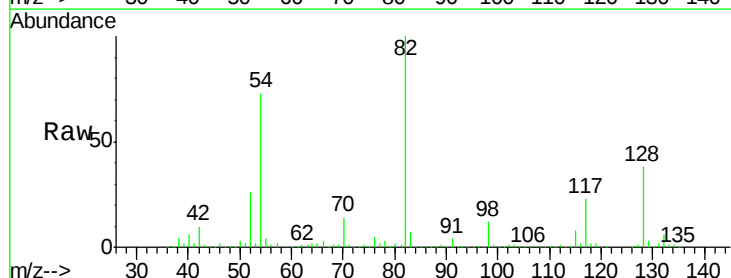
Tgt Ion: 82 Resp: 876250

Ion Ratio Lower Upper

82 100

128 38.3 40.6 61.0#

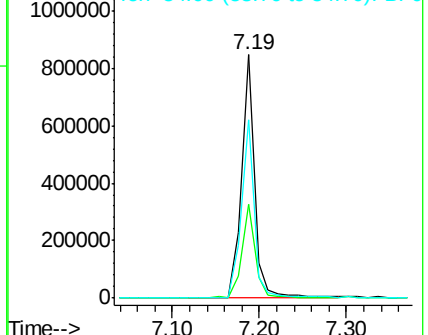
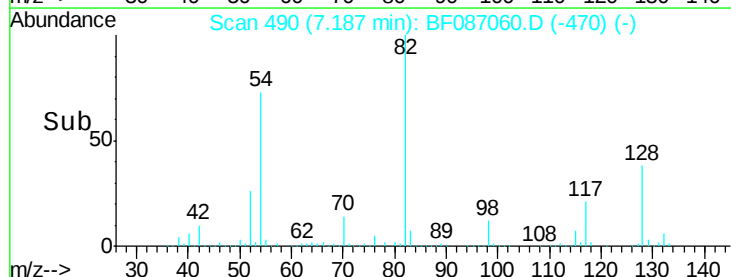
54 73.3 38.1 57.1#

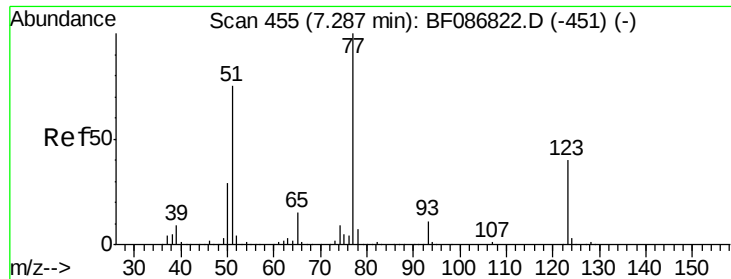


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

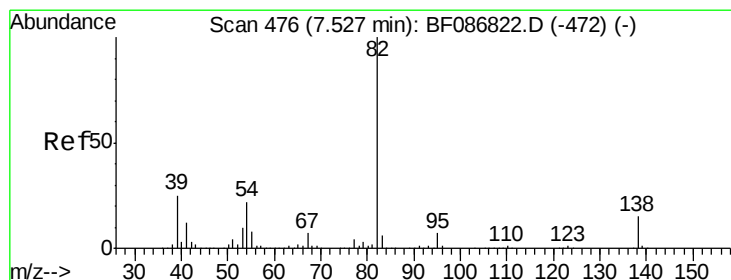
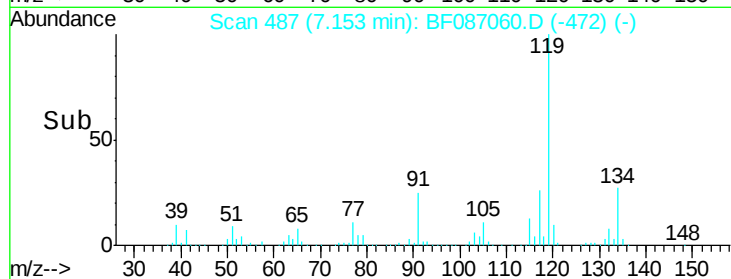
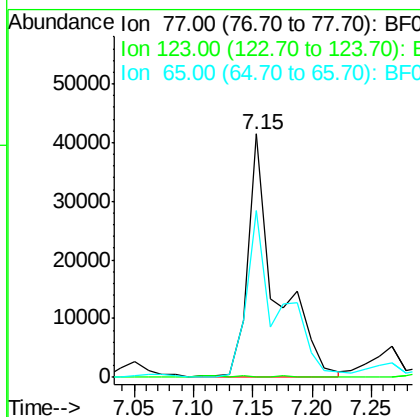
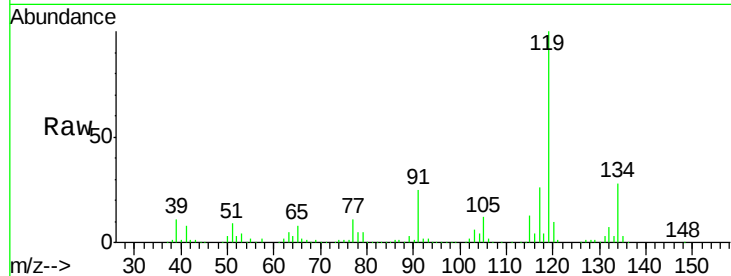




#24
 Nitrobenzene
 Concen: 6.56 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.13 min
 Lab File: BF087060.D
 Acq: 15 May 2016 10:38

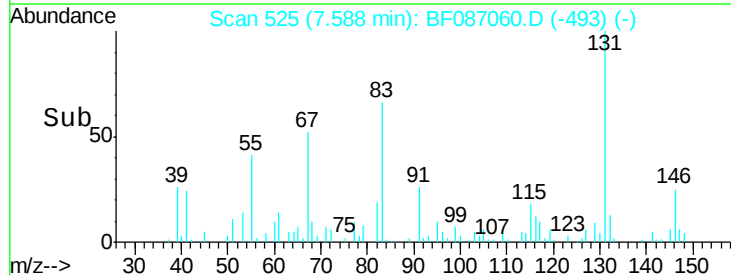
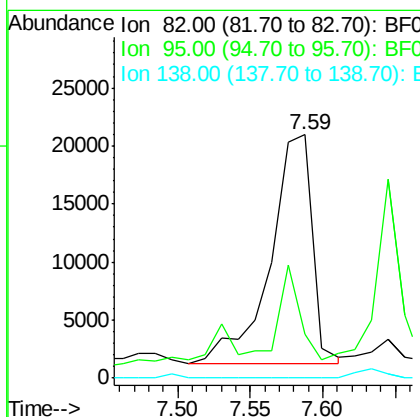
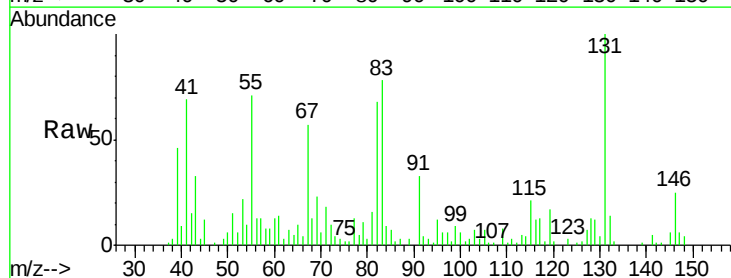
Instrument :
 BNA_F
 ClientSampleId :
 MW-01

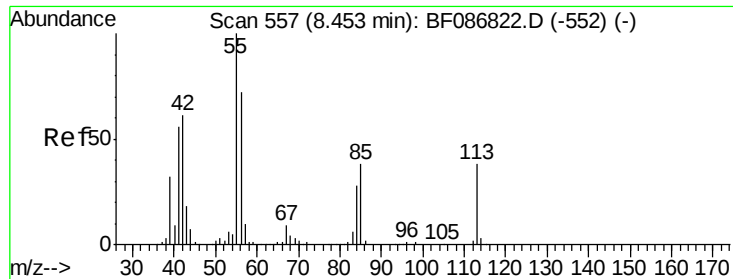
Tgt Ion: 77 Resp: 69434
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.4#
 65 68.7 10.8 16.2#



#25
 Isophorone
 Concen: 2.09 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.06 min
 Lab File: BF087060.D
 Acq: 15 May 2016 10:38

Tgt Ion: 82 Resp: 39907
 Ion Ratio Lower Upper
 82 100
 95 17.9 5.1 7.7#
 138 0.0 12.4 18.6#





#35

Caprolactam

Concen: 2.31 ng

RT: 8.31 min Scan# 588

Delta R.T. -0.15 min

Lab File: BF087060.D

Acq: 15 May 2016 10:38

Instrument :

BNA_F

ClientSampled :

MW-01

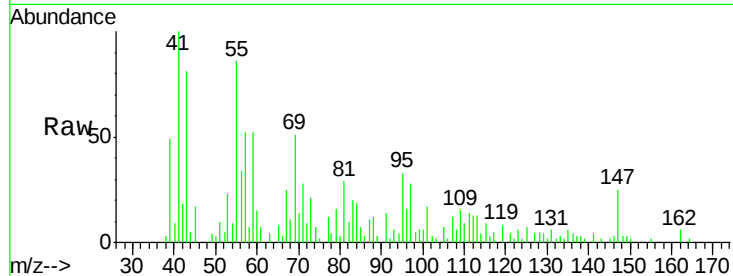
Tgt Ion:113 Resp: 5471

Ion Ratio Lower Upper

113 100

55 672.2 162.0 202.0#

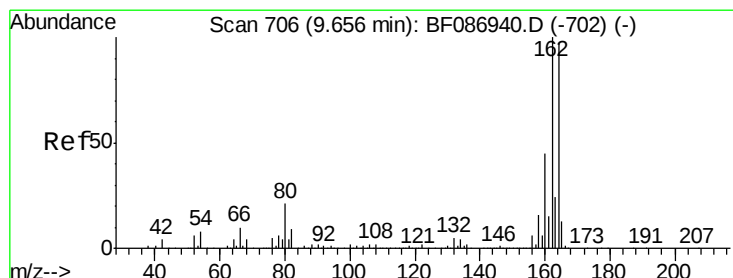
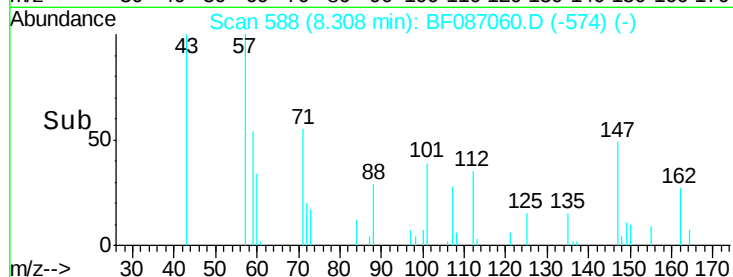
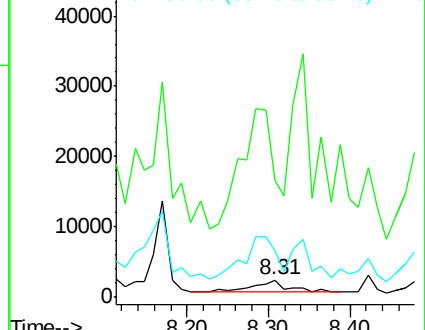
56 265.4 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.09 min

Lab File: BF087060.D

Acq: 15 May 2016 10:38

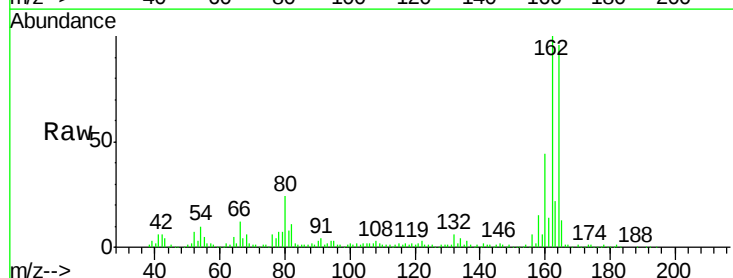
Tgt Ion:164 Resp: 241815

Ion Ratio Lower Upper

164 100

162 103.7 82.8 124.2

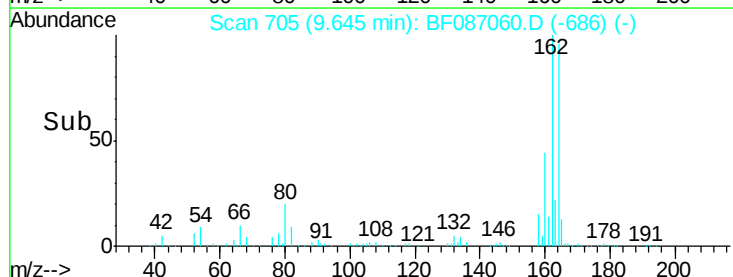
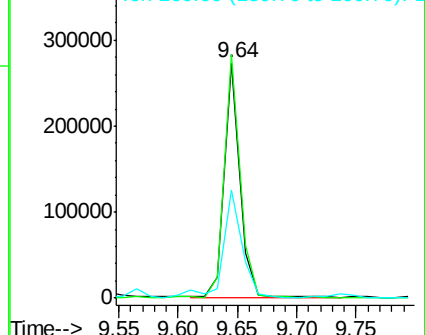
160 45.9 36.9 55.3

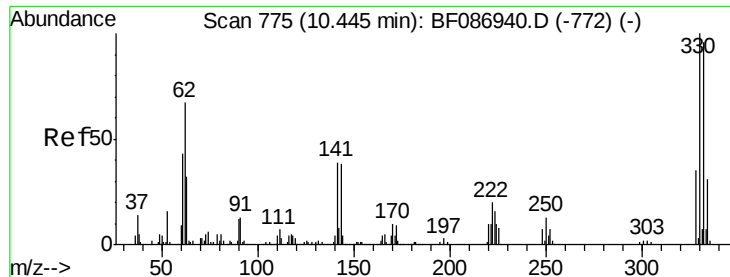


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

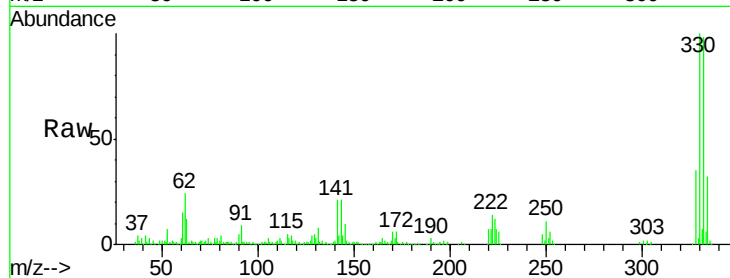




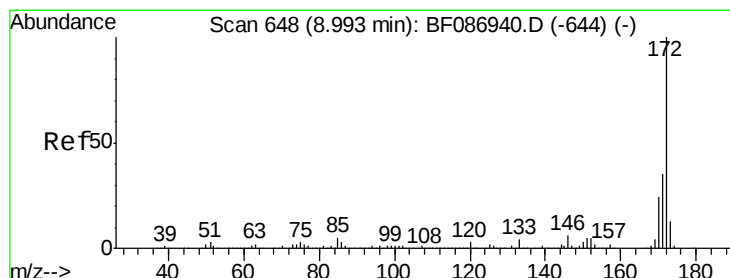
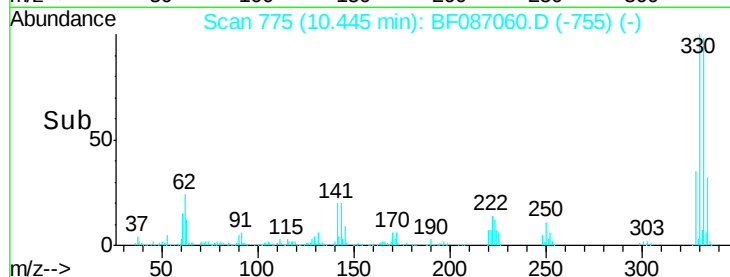
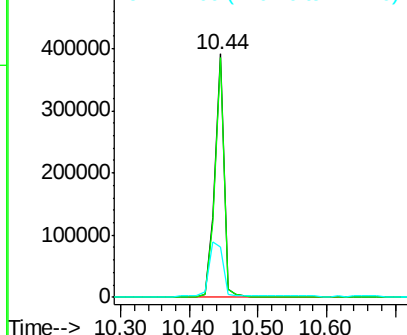
#41
 2,4,6-Tribromophenol
 Concen: 147.36 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.08 min
 Lab File: BF087060.D
 Acq: 15 May 2016 10:38

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tgt Ion:330 Resp: 377239
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.0 118.4
 141 34.4 31.2 46.8

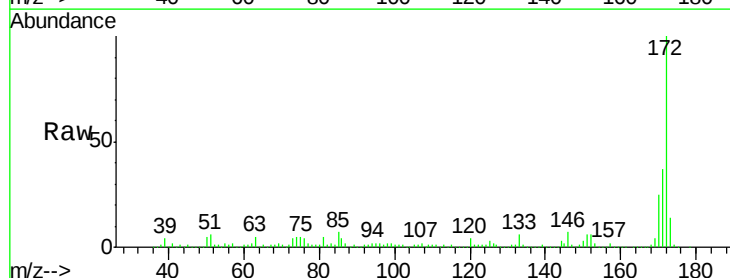


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

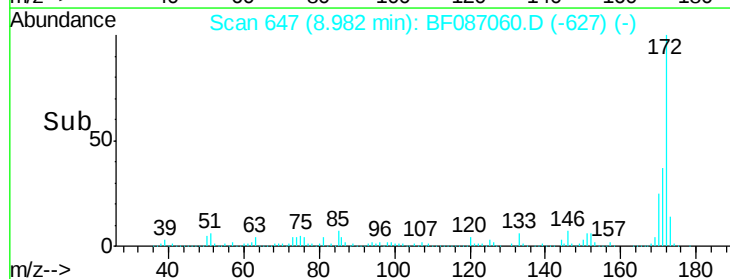
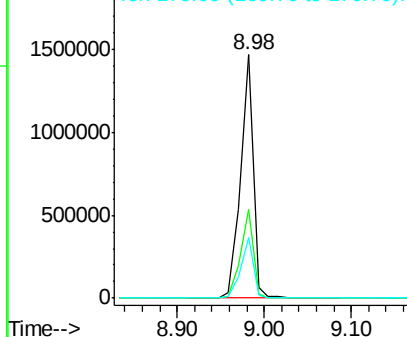


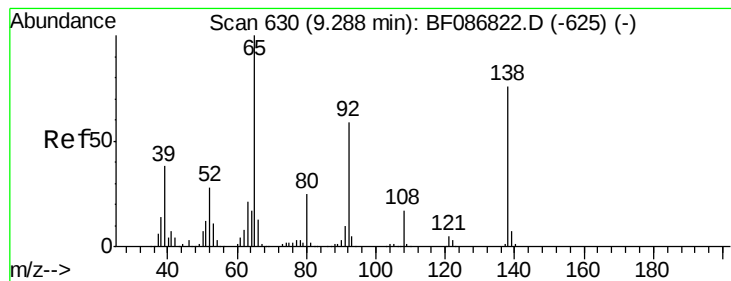
#44
 2-Fluorobiphenyl
 Concen: 102.19 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF087060.D
 Acq: 15 May 2016 10:38

Tgt Ion:172 Resp: 1470383
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.8 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





#47

2-Nitroaniline

Concen: 4.08 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.03 min

Lab File: BF087060.D

Acq: 15 May 2016 10:38

Instrument :

BNA_F

ClientSampled :

MW-01

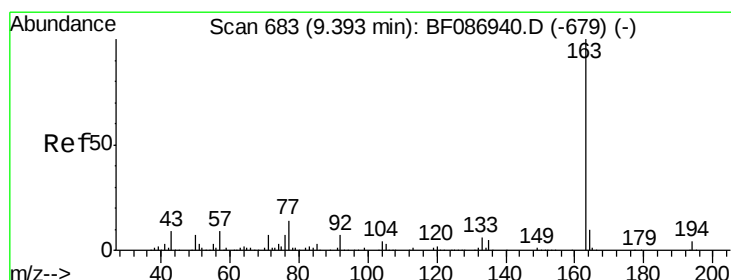
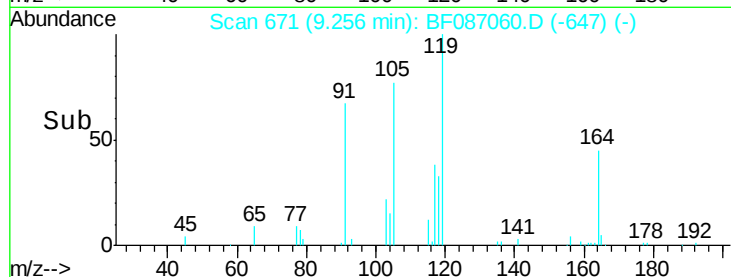
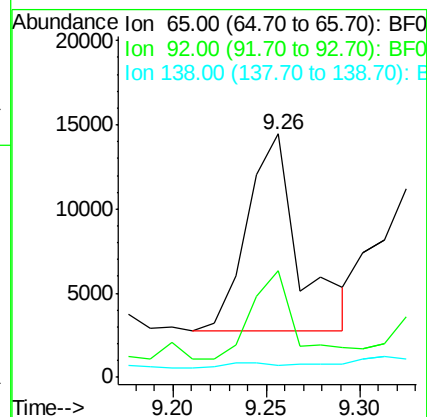
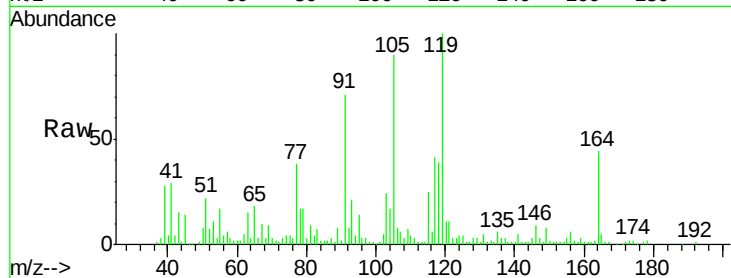
Tgt Ion: 65 Resp: 22447

Ion Ratio Lower Upper

65 100

92 43.8 57.4 86.2#

138 4.8 90.1 135.1#



#49

Dimethylphthalate

Concen: 3.07 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.09 min

Lab File: BF087060.D

Acq: 15 May 2016 10:38

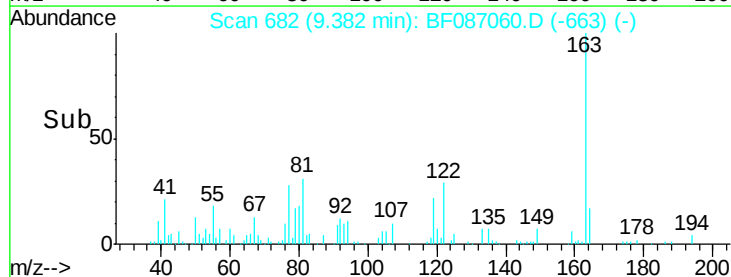
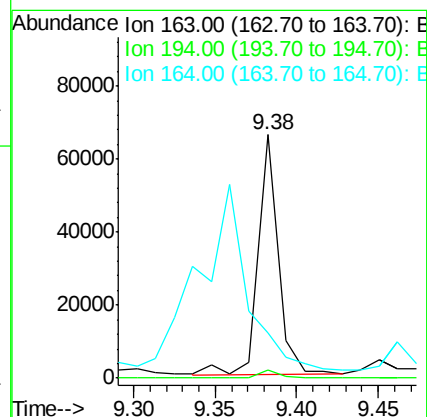
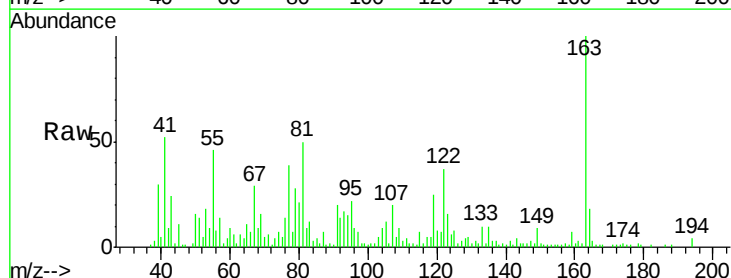
Tgt Ion: 163 Resp: 56556

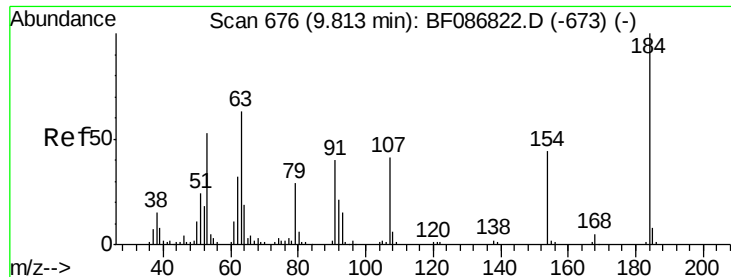
Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

164 18.3 8.2 12.4#

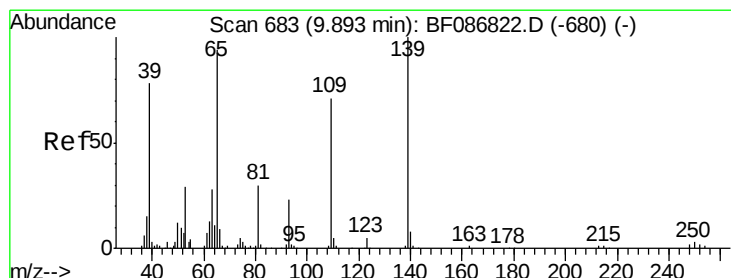
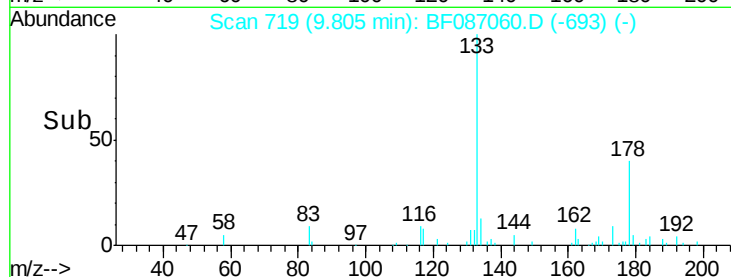
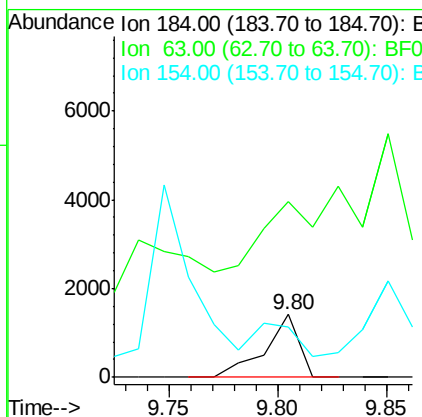
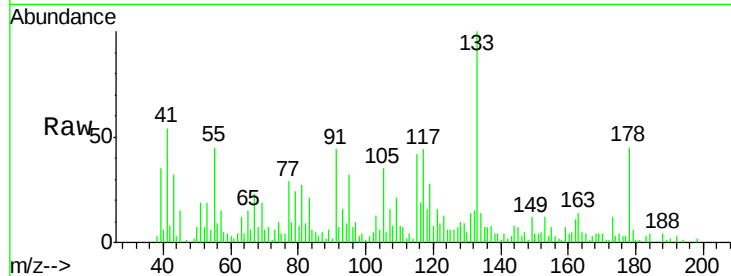




#53
 2,4-Dinitrophenol
 Concen: 8.39 ng
 RT: 9.80 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BF087060.D
 Acq: 15 May 2016 10:38

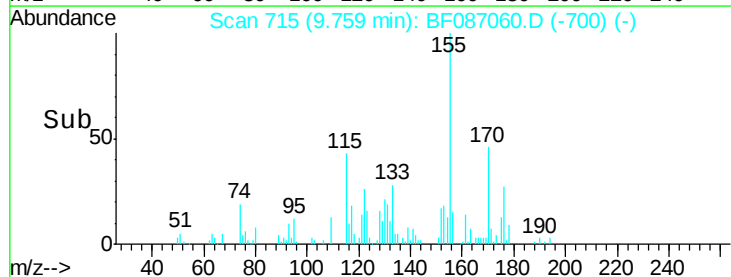
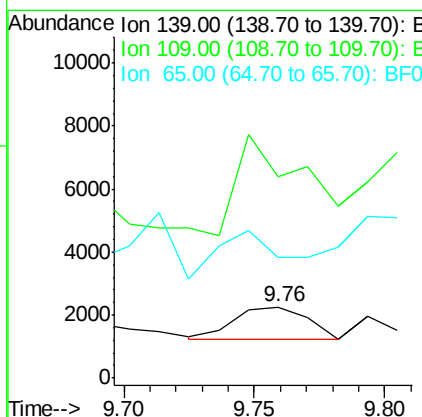
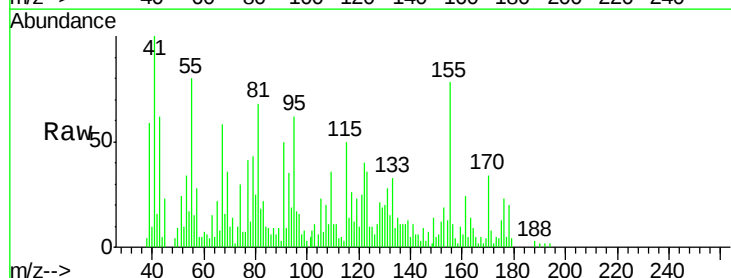
Instrument :
 BNA_F
 ClientSampleId :
 MW-01

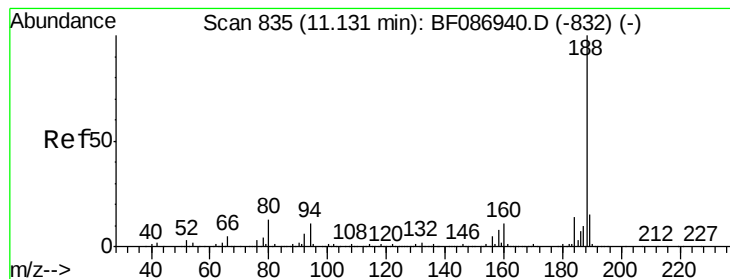
Tgt Ion:184 Resp: 1538
 Ion Ratio Lower Upper
 184 100
 63 279.7 55.8 83.8#
 154 79.9 62.4 93.6



#55
 4-Nitrophenol
 Concen: 5.27 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.13 min
 Lab File: BF087060.D
 Acq: 15 May 2016 10:38

Tgt Ion:139 Resp: 2048
 Ion Ratio Lower Upper
 139 100
 109 285.1 36.9 76.9#
 65 171.0 64.0 104.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.09 min

Lab File: BF087060.D

Acq: 15 May 2016 10:38

Instrument :

BNA_F

ClientSampleId :

MW-01

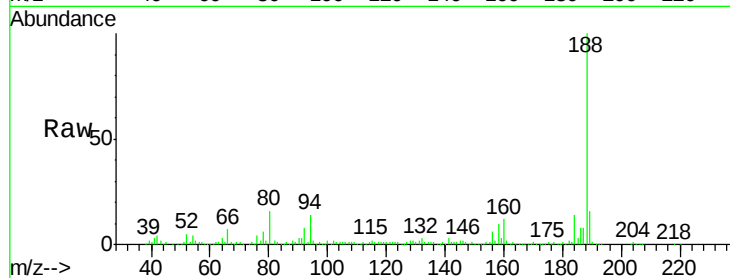
Tgt Ion:188 Resp: 396264

Ion Ratio Lower Upper

188 100

94 14.3 6.8 10.2#

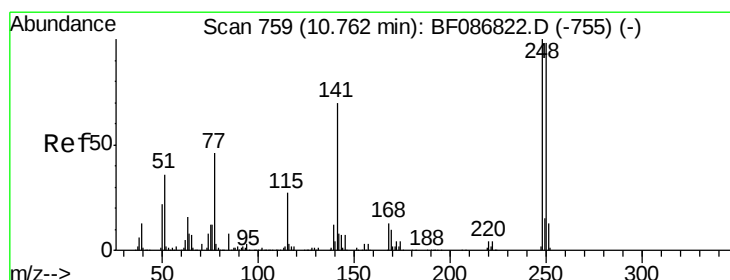
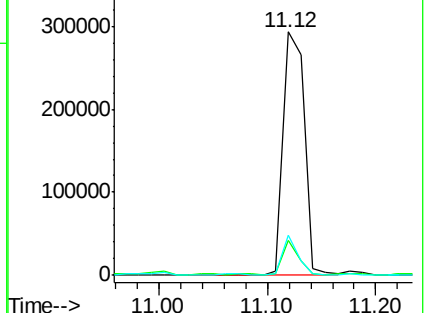
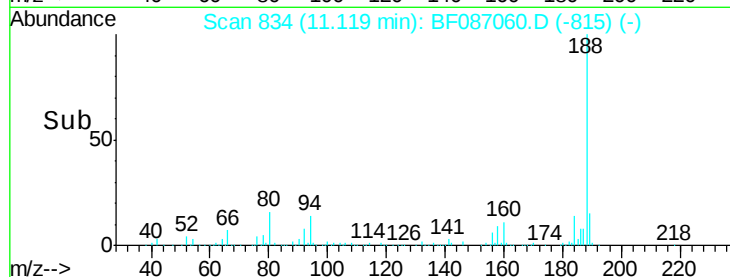
80 16.3 7.1 10.7#



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: 5.75 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.32 min

Lab File: BF087060.D

Acq: 15 May 2016 10:38

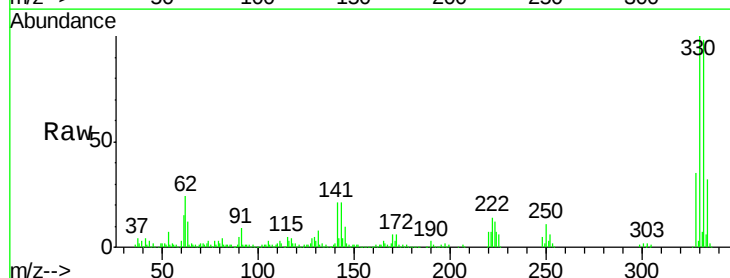
Tgt Ion:248 Resp: 23101

Ion Ratio Lower Upper

248 100

250 194.6 78.6 117.8#

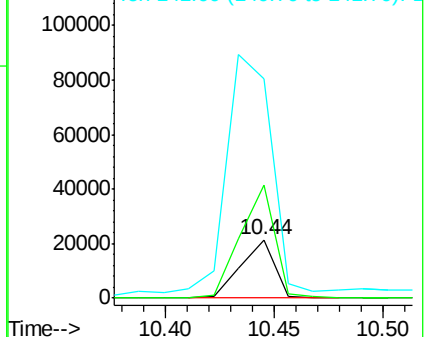
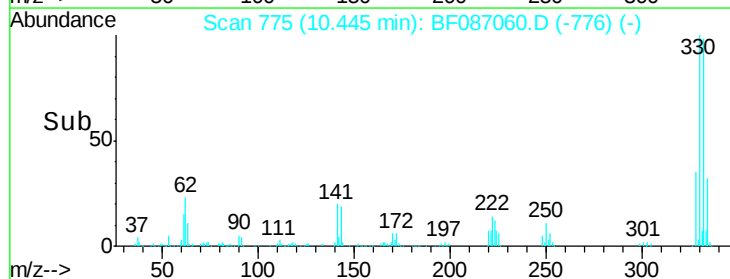
141 375.7 76.0 114.0#

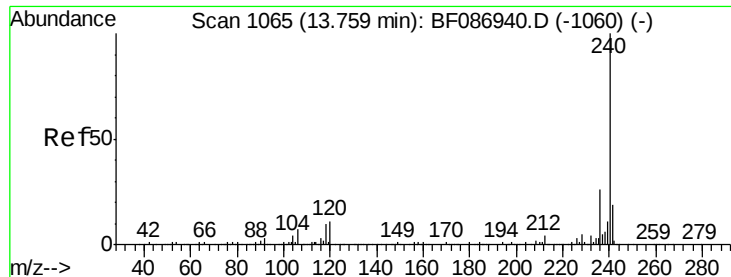


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.75 min Scan# 1064

Delta R.T. -0.09 min

Lab File: BF087060.D

Acq: 15 May 2016 10:38

Instrument :

BNA_F

ClientSampleId :

MW-01

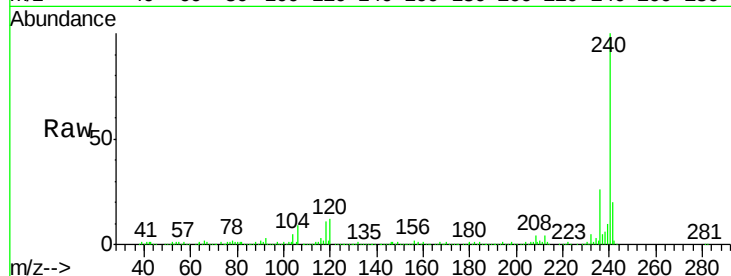
Tgt Ion:240 Resp: 275020

Ion Ratio Lower Upper

240 100

120 12.1 11.2 16.8

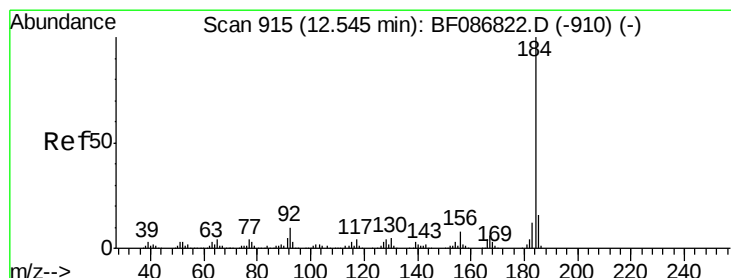
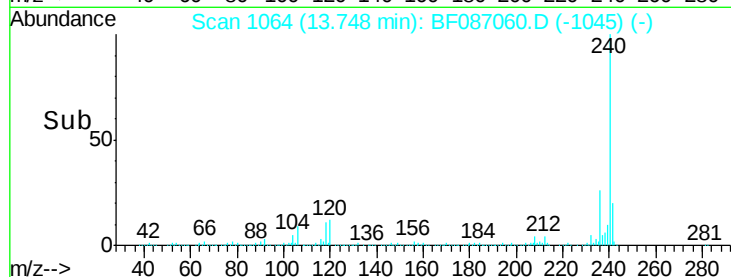
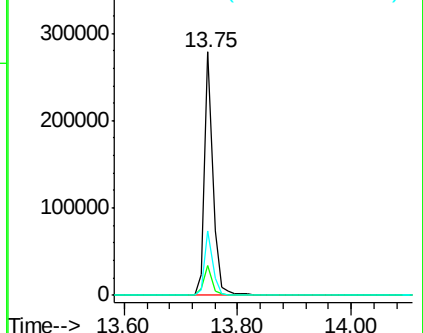
236 26.3 21.2 31.8



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



#76

Benzidine

Concen: 2.12 ng

RT: 12.71 min Scan# 973

Delta R.T. 0.16 min

Lab File: BF087060.D

Acq: 15 May 2016 10:38

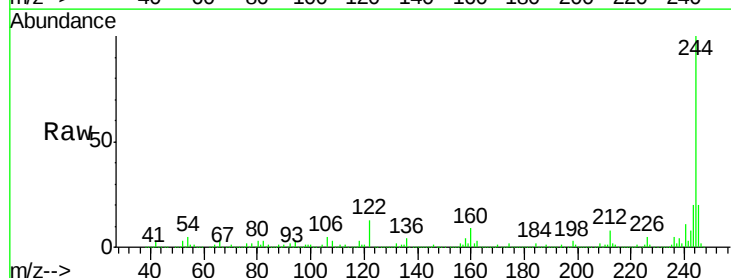
Tgt Ion:184 Resp: 14872

Ion Ratio Lower Upper

184 100

185 18.6 13.6 20.4

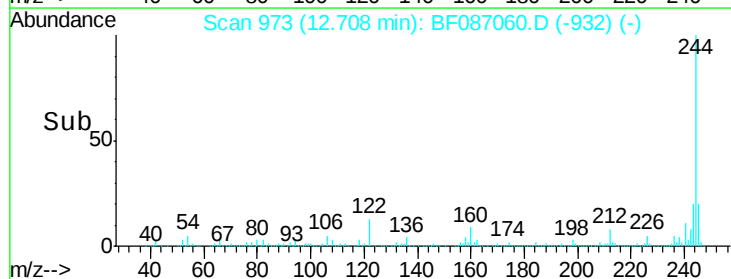
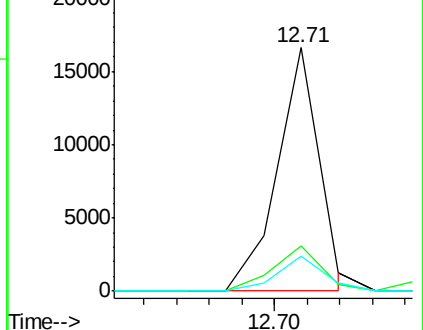
183 14.1 9.8 14.6

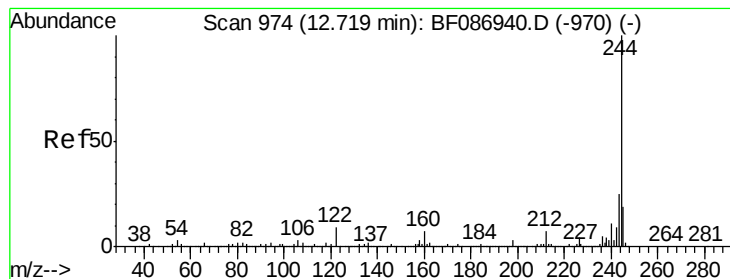


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 64.39 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF087060.D

Acq: 15 May 2016 10:38

Instrument :

BNA_F

ClientSampleId :

MW-01

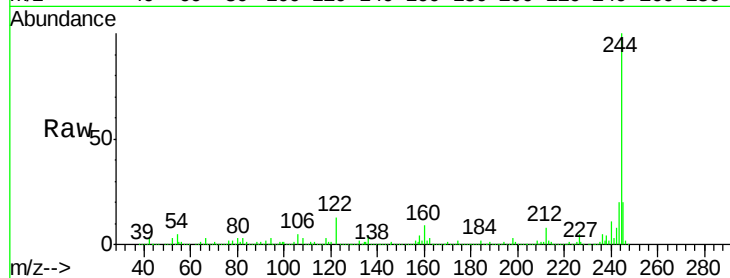
Tgt Ion:244 Resp: 834668

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

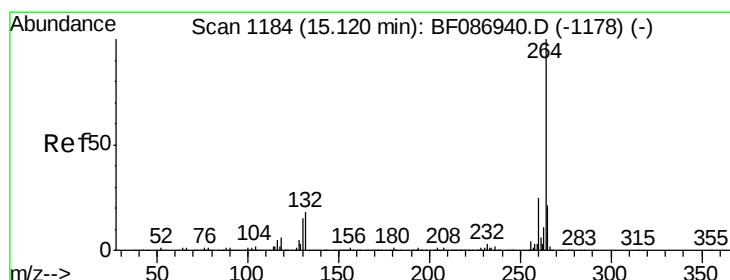
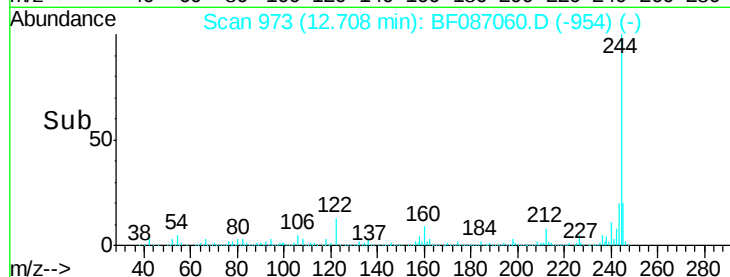
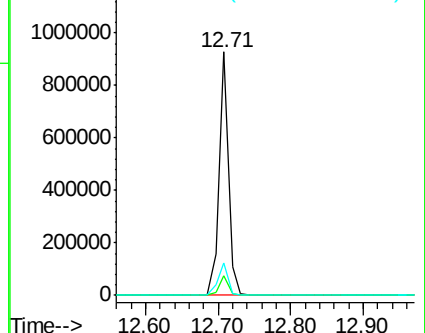
122 13.2 12.0 18.0



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: 15.11 min Scan# 1183

Delta R.T. -0.10 min

Lab File: BF087060.D

Acq: 15 May 2016 10:38

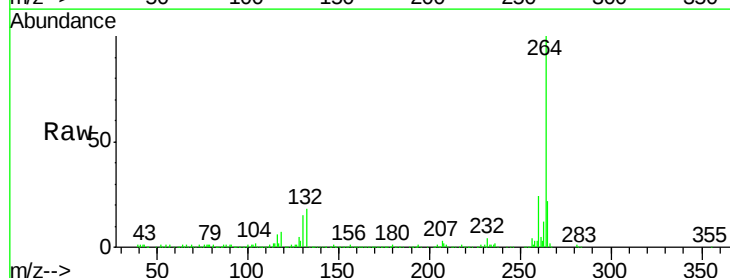
Tgt Ion:264 Resp: 286732

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.6 17.3 25.9



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

