

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
 Data File : BF087025.D
 Acq On : 14 May 2016 17:41
 Operator : UM/SJ
 Sample : H2947-04
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

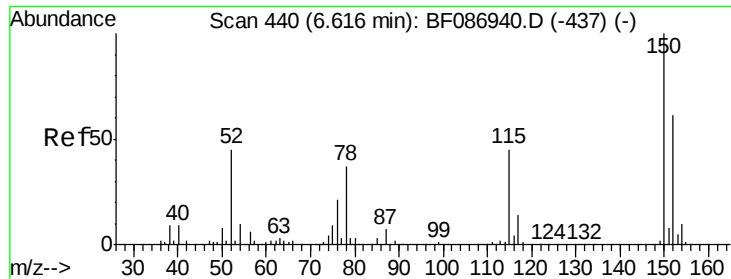
Quant Time: May 16 01:07:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 14:55:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	146759	20.00	ng	-0.08
21) Naphthalene-d8	7.90	136	585107	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	275558	20.00	ng	-0.09
63) Phenanthrene-d10	11.12	188	498949	20.00	ng	-0.09
75) Chrysene-d12	13.75	240	344783	20.00	ng	-0.09
86) Perylene-d12	15.11	264	297329	20.00	ng	-0.10

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	582307	67.20	ng	-0.09
7) Phenol-d6	6.28	99	470312	40.61	ng	-0.08
23) Nitrobenzene-d5	7.19	82	1062392	91.17	ng	-0.08
41) 2,4,6-Tribromophenol	10.44	330	444292	152.30	ng	-0.08
44) 2-Fluorobiphenyl	8.98	172	1589470	96.94	ng	-0.08
78) Terphenyl-d14	12.71	244	1429066	87.94	ng	-0.09

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.76	79	18746	2.34	ng	# 43
19) n-Nitroso-di-n-propylamine	7.19	70	159250	19.67	ng	# 72
25) Isophorone	7.19	82	1042593	48.22	ng	# 68
49) Dimethylphthalate	9.38	163	69215	3.29	ng	100
53) 2,4-Dinitrophenol	9.80	184	1510	8.30	ng	# 47
55) 4-Nitrophenol	9.80	139	953	4.85	ng	# 1
60) 4-Chlorophenyl-phenylether	10.30	204	267	Below Cal		# 8
66) 4-Bromophenyl-phenylether	10.44	248	25425	5.03	ng	# 1
76) Benzidine	12.71	184	22045	2.51	ng	98

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

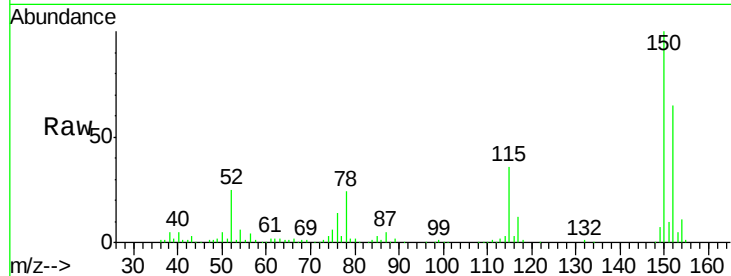


#1

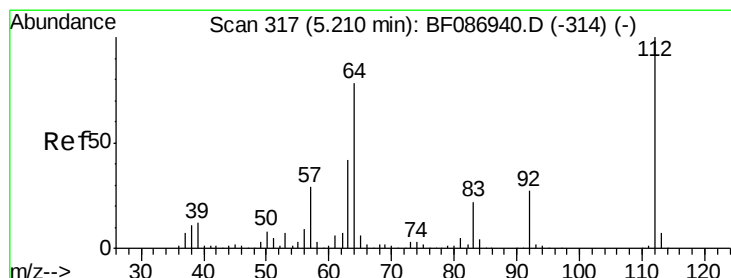
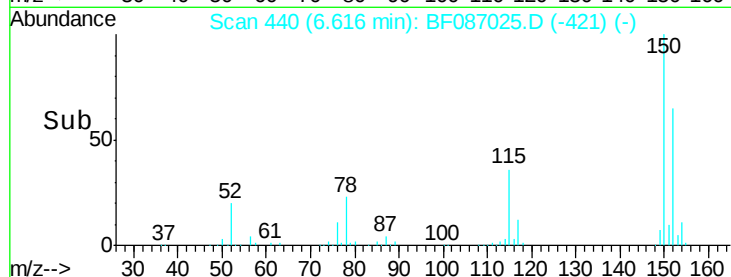
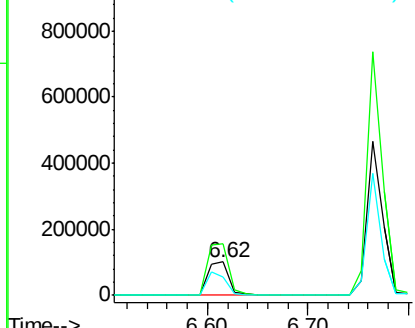
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.08 min
Lab File: BF087025.D
Acq: 14 May 2016 17:41

Instrument :
BNA_F
ClientSampled :
MW-15

Tgt Ion:152 Resp: 146759
Ion Ratio Lower Upper
152 100
150 154.2 125.8 188.6
115 56.2 51.5 77.3



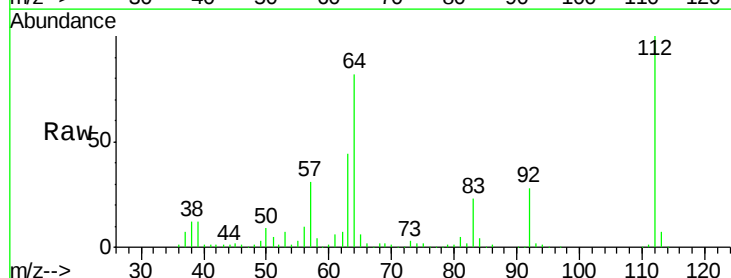
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



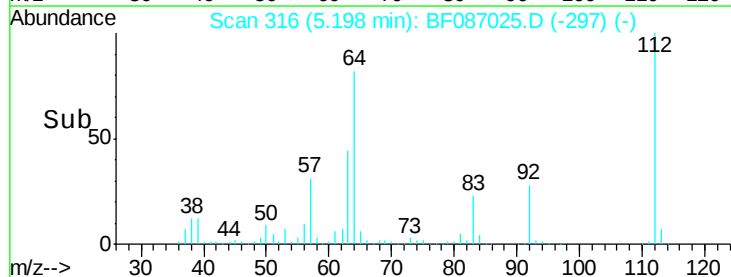
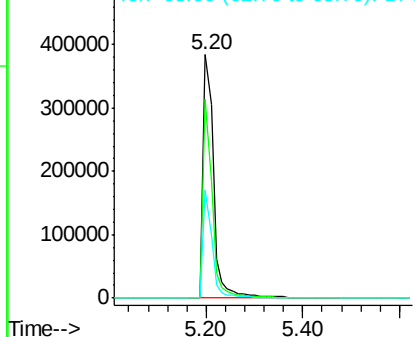
#5

2-Fluorophenol
Concen: 67.20 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.09 min
Lab File: BF087025.D
Acq: 14 May 2016 17:41

Tgt Ion:112 Resp: 582307
Ion Ratio Lower Upper
112 100
64 81.8 52.1 78.1#
63 44.2 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: 40.61 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF087025.D

Acq: 14 May 2016 17:41

Instrument :

BNA_F

ClientSampleId :

MW-15

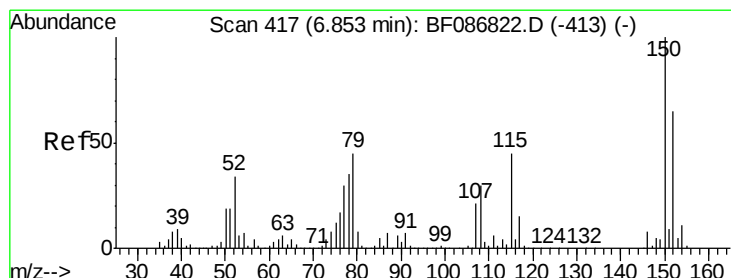
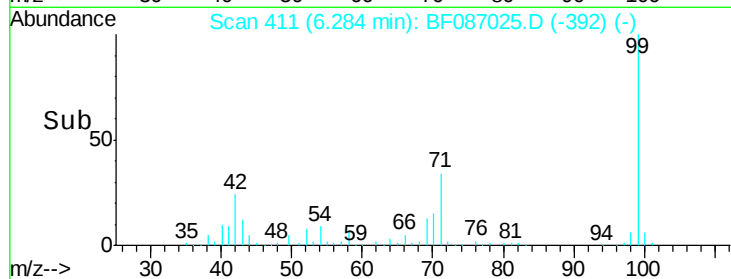
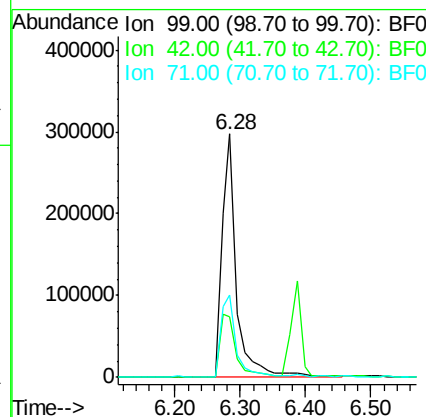
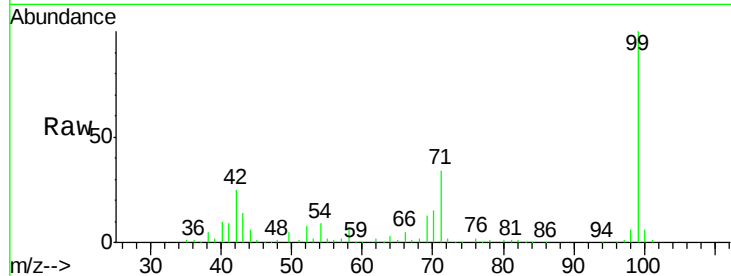
Tgt Ion: 99 Resp: 470312

Ion Ratio Lower Upper

99 100

42 24.6 13.6 20.4#

71 33.6 24.6 36.8



#15

Benzyl Alcohol

Concen: 2.34 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.09 min

Lab File: BF087025.D

Acq: 14 May 2016 17:41

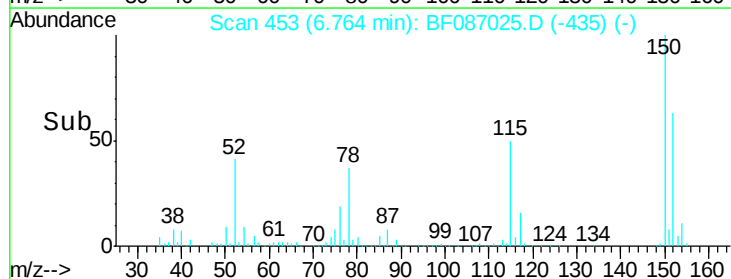
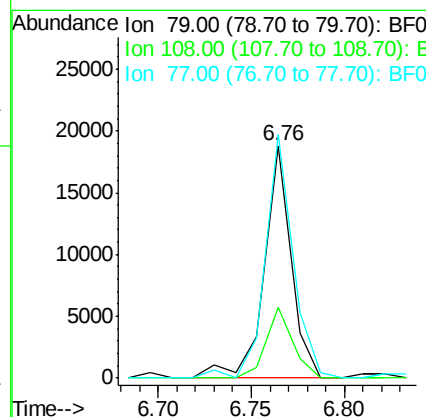
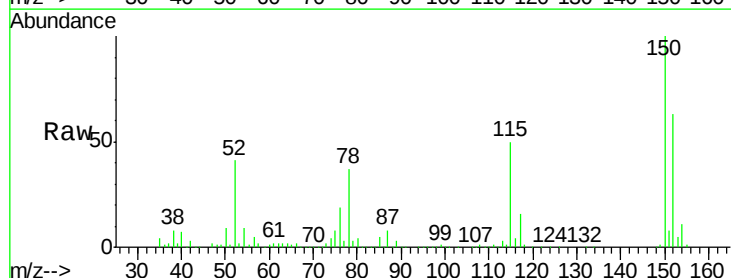
Tgt Ion: 79 Resp: 18746

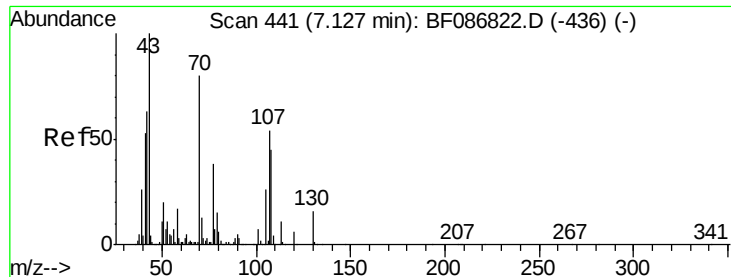
Ion Ratio Lower Upper

79 100

108 30.4 68.4 102.6#

77 104.7 50.6 76.0#

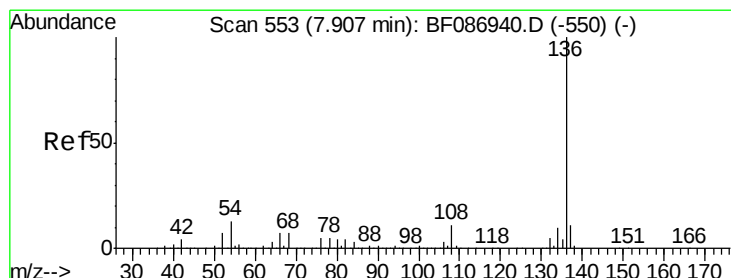
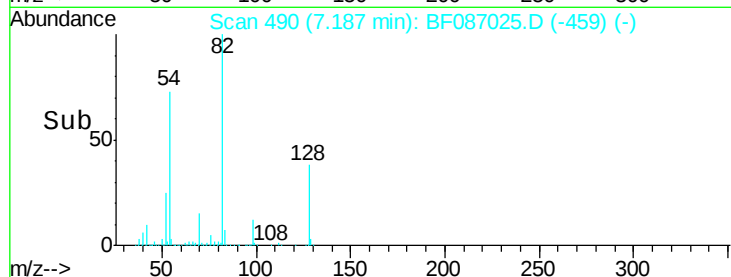
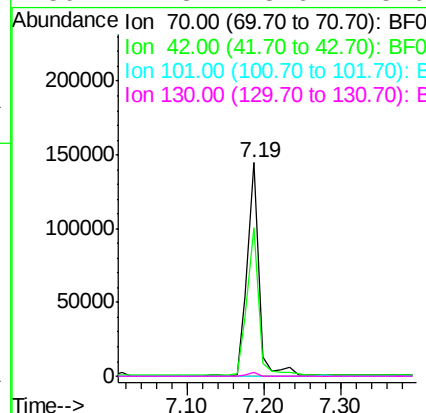
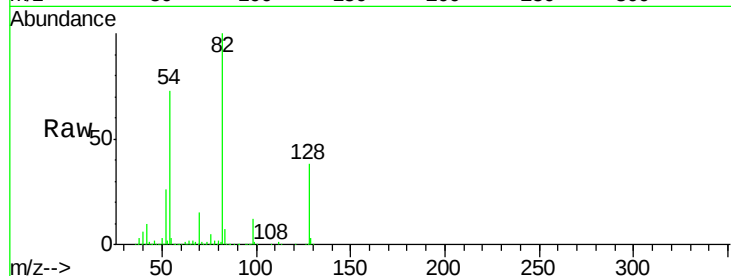




#19
n-Nitroso-di-n-propylamine
Concen: 19.67 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.06 min
Lab File: BF087025.D
Acq: 14 May 2016 17:41

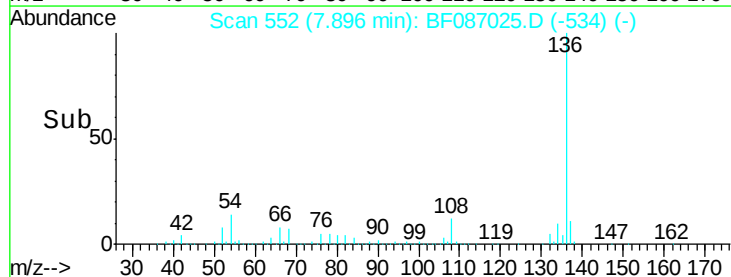
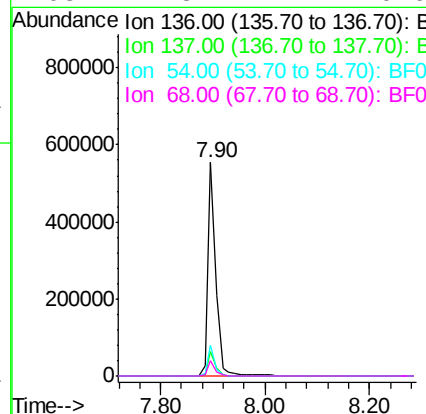
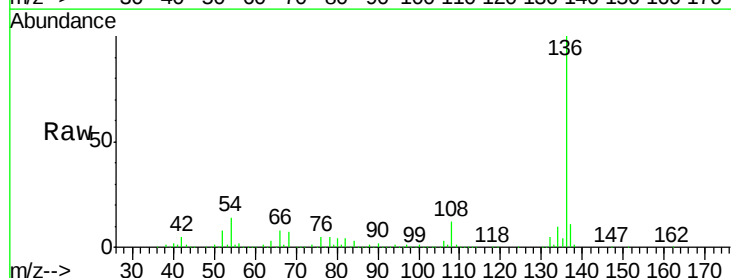
Instrument :
BNA_F
ClientSampleId :
MW-15

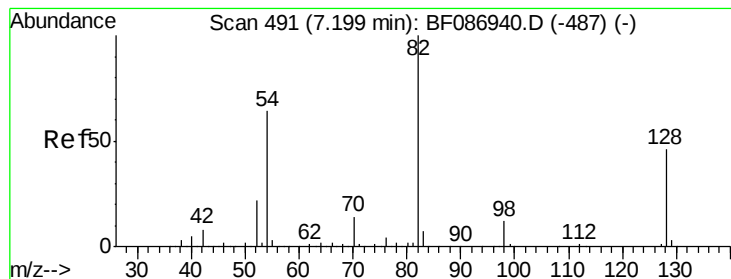
Tgt Ion: 70 Resp: 159250
Ion Ratio Lower Upper
70 100
42 69.2 43.1 64.7#
101 0.0 8.1 12.1#
130 1.8 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF087025.D
Acq: 14 May 2016 17:41

Tgt Ion: 136 Resp: 585107
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 14.2 5.0 7.4#
68 7.3 4.4 6.6#





#23

Nitrobenzene-d5

Concen: 91.17 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.08 min

Lab File: BF087025.D

Acq: 14 May 2016 17:41

Instrument :

BNA_F

ClientSampleId :

MW-15

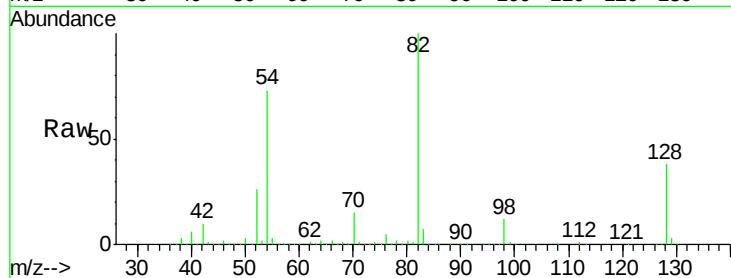
Tgt Ion: 82 Resp: 1062392

Ion Ratio Lower Upper

82 100

128 38.3 40.6 61.0#

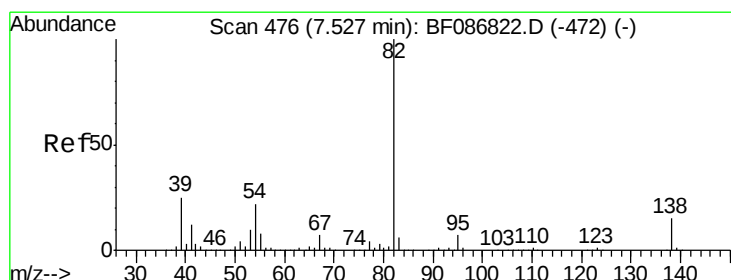
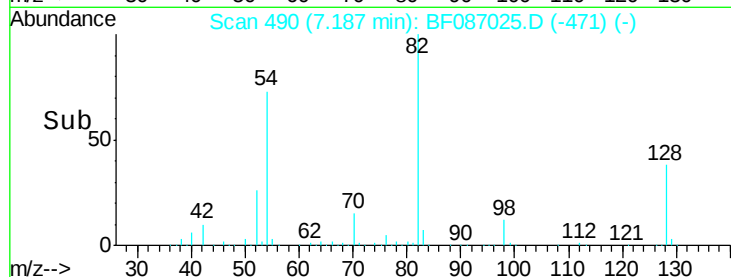
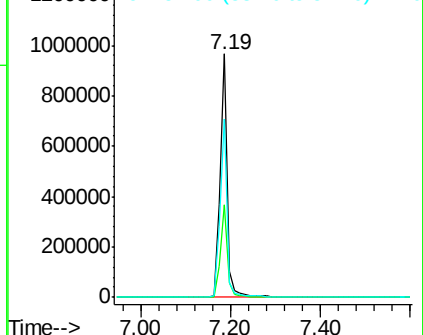
54 73.1 38.1 57.1#



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: 48.22 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.34 min

Lab File: BF087025.D

Acq: 14 May 2016 17:41

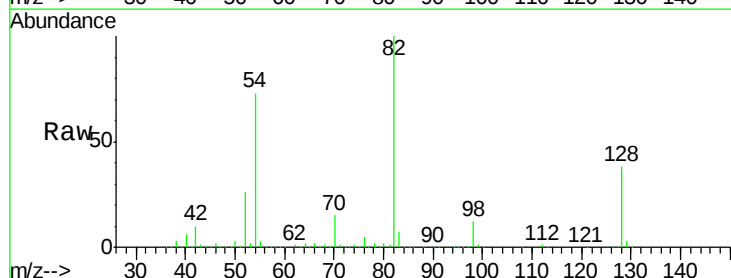
Tgt Ion: 82 Resp: 1042593

Ion Ratio Lower Upper

82 100

95 0.1 5.1 7.7#

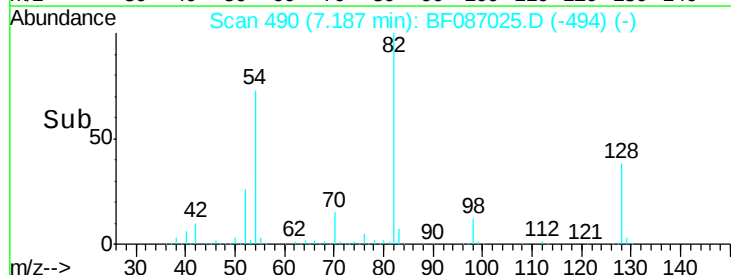
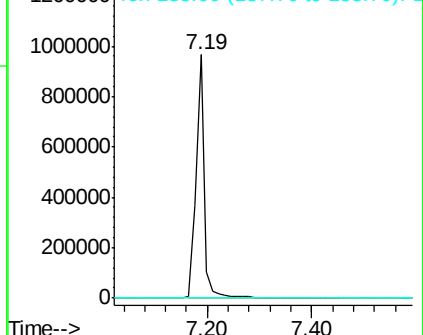
138 0.0 12.4 18.6#

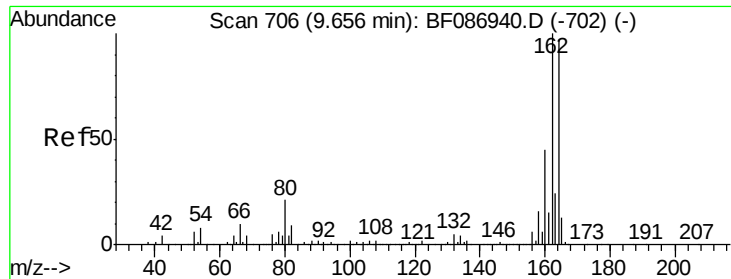


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

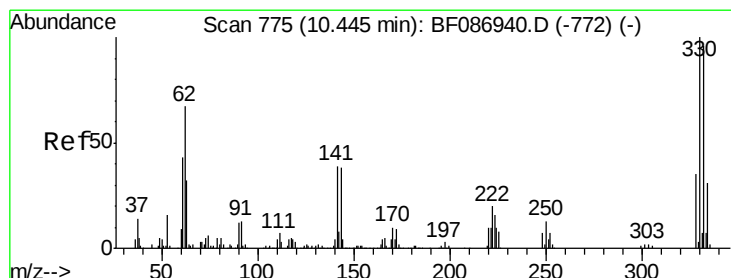
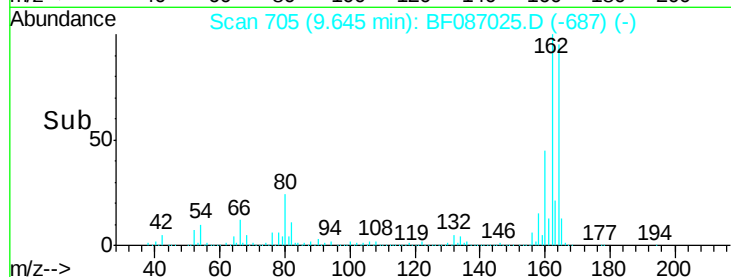
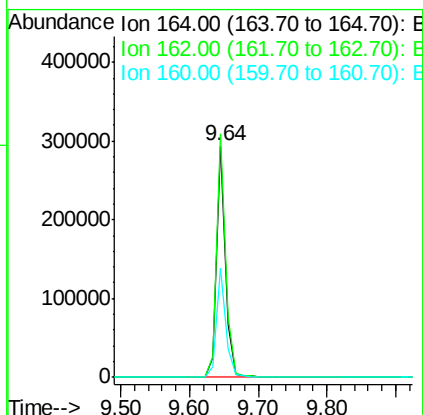
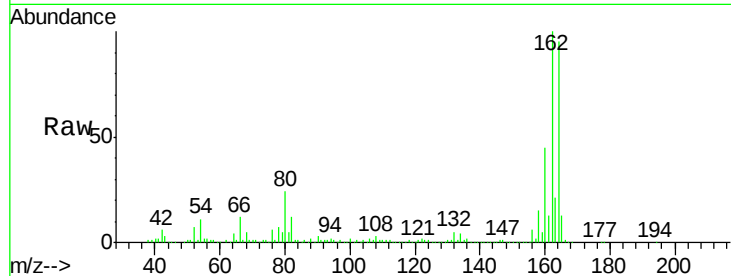




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.09 min
 Lab File: BF087025.D
 Acq: 14 May 2016 17:41

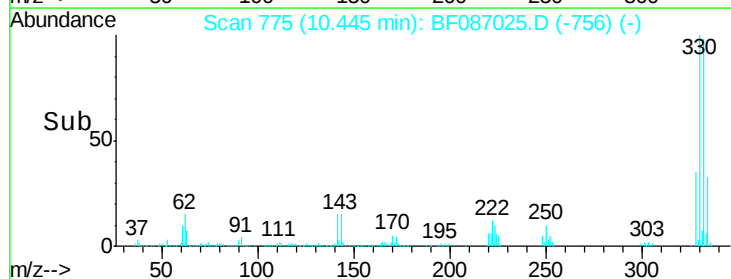
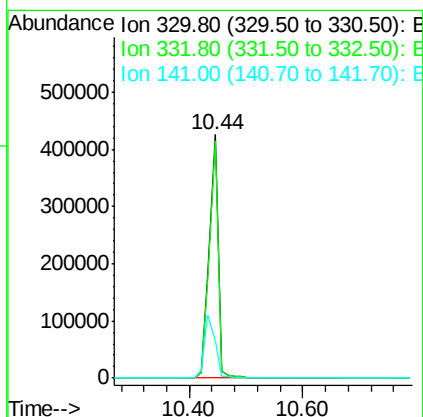
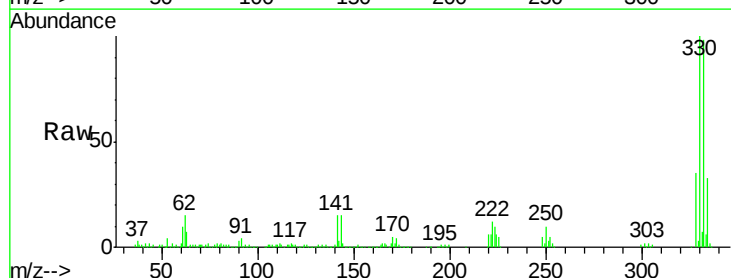
Instrument :
 BNA_F
 ClientSampleId :
 MW-15

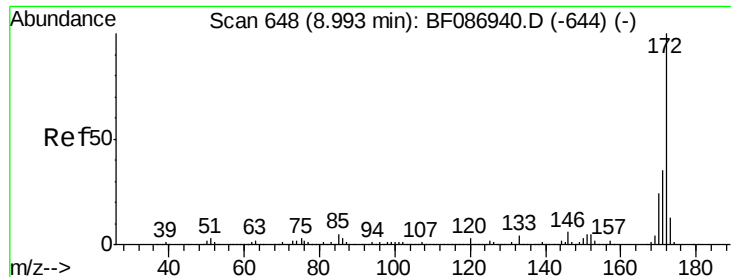
Tgt Ion:164 Resp: 275558
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.8 124.2
 160 47.3 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 152.30 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.08 min
 Lab File: BF087025.D
 Acq: 14 May 2016 17:41

Tgt Ion:330 Resp: 444292
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.0 118.4
 141 30.6 31.2 46.8#

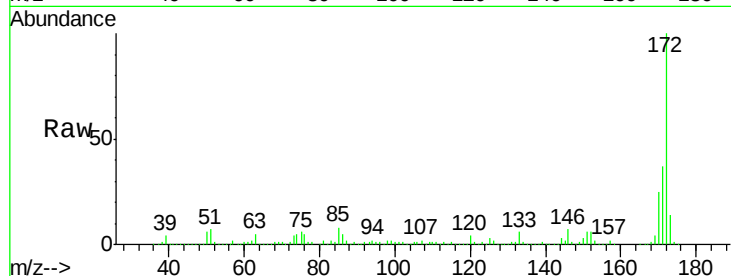




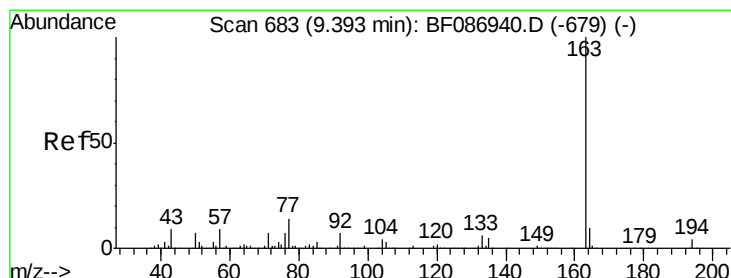
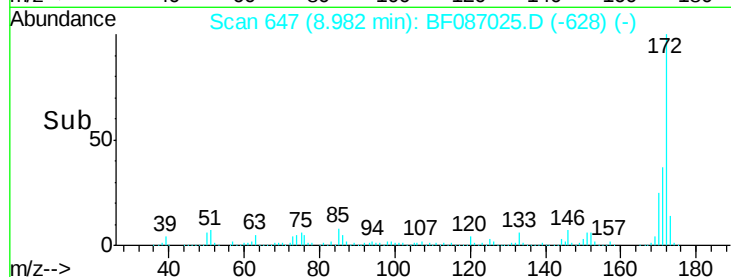
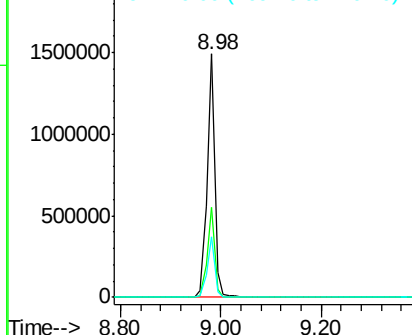
#44
 2-Fluorobiphenyl
 Concen: 96.94 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF087025.D
 Acq: 14 May 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tgt Ion:172 Resp: 1589470
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.0 43.6
 170 24.9 19.8 29.8

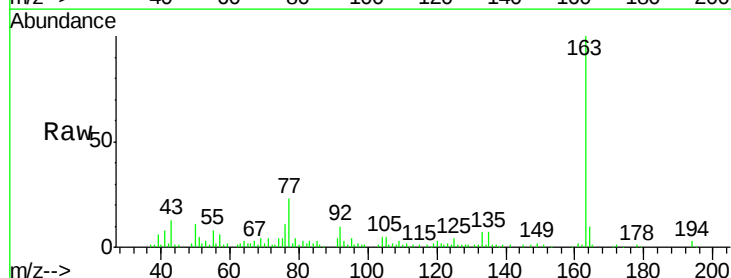


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

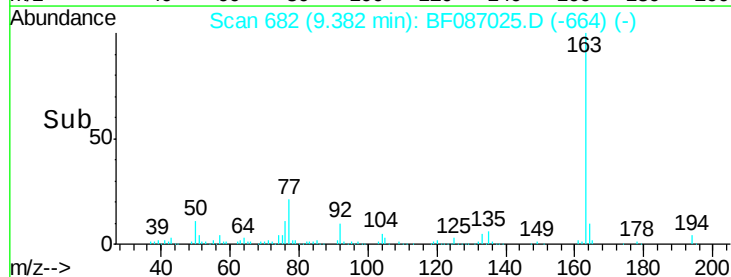
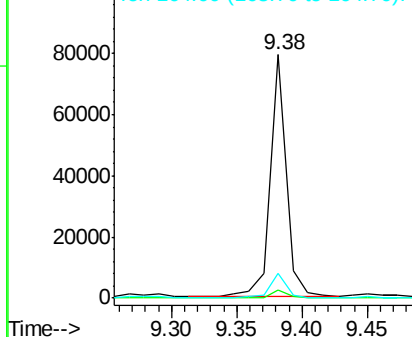


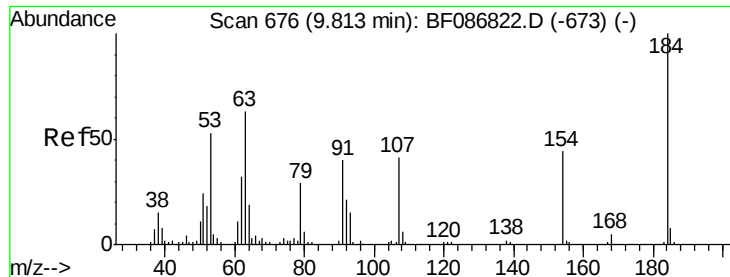
#49
 Dimethylphthalate
 Concen: 3.29 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.09 min
 Lab File: BF087025.D
 Acq: 14 May 2016 17:41

Tgt Ion:163 Resp: 69215
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.6 4.0
 164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

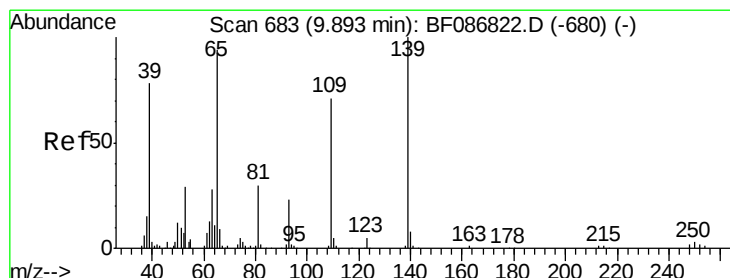
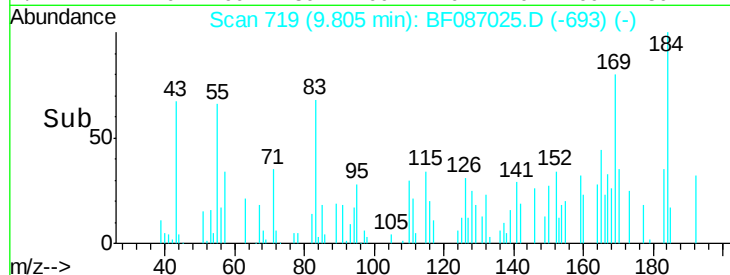
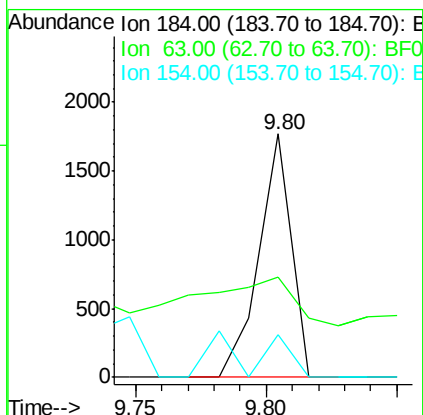
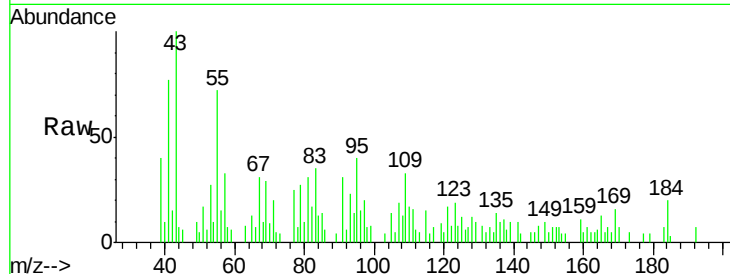




#53
 2,4-Dinitrophenol
 Concen: 8.30 ng
 RT: 9.80 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BF087025.D
 Acq: 14 May 2016 17:41

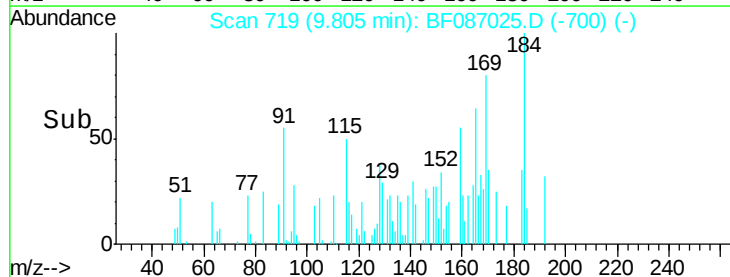
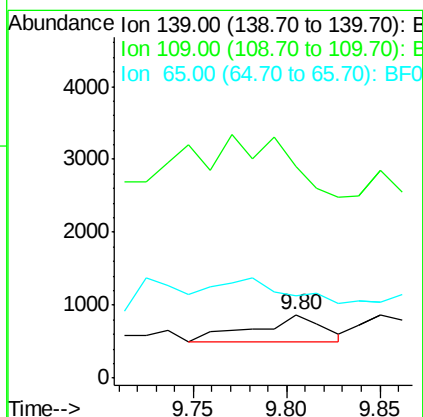
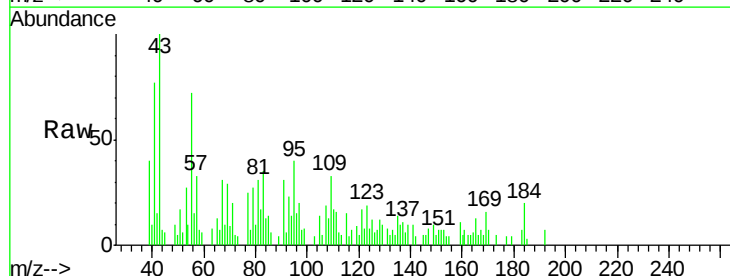
Instrument :
 BNA_F
 ClientSampleId :
 MW-15

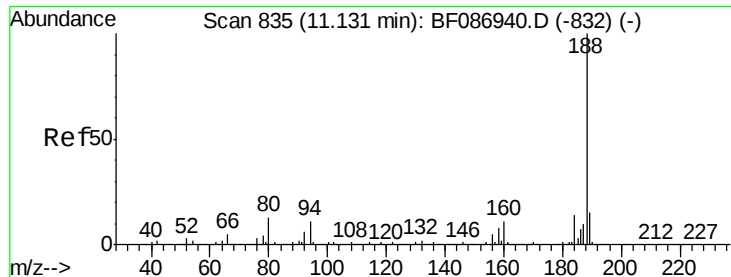
Tgt Ion:184 Resp: 1510
 Ion Ratio Lower Upper
 184 100
 63 41.2 55.8 83.8#
 154 17.6 62.4 93.6#



#55
 4-Nitrophenol
 Concen: 4.85 ng
 RT: 9.80 min Scan# 719
 Delta R.T. -0.09 min
 Lab File: BF087025.D
 Acq: 14 May 2016 17:41

Tgt Ion:139 Resp: 953
 Ion Ratio Lower Upper
 139 100
 109 335.1 36.9 76.9#
 65 129.8 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: BF087025.D

Acq: 14 May 2016 17:41

Instrument :

BNA_F

ClientSampleId :

MW-15

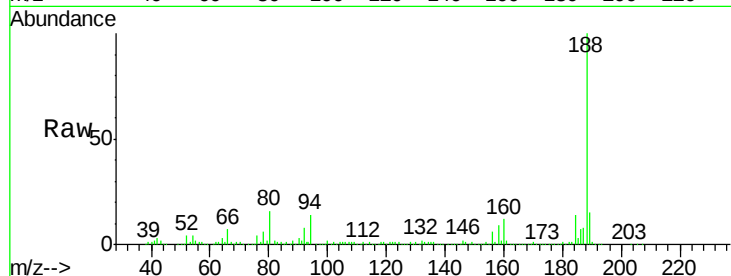
Tgt Ion:188 Resp: 498949

Ion Ratio Lower Upper

188 100

94 14.1 6.8 10.2#

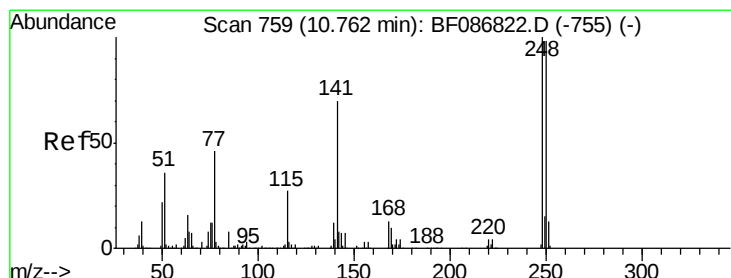
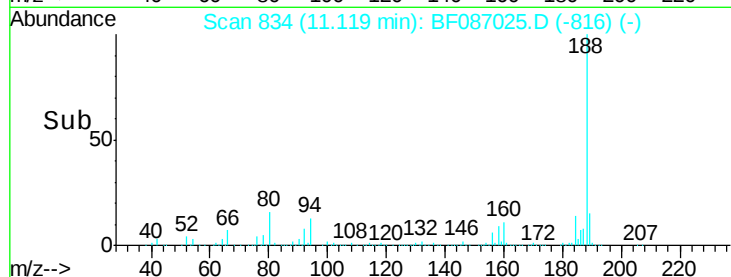
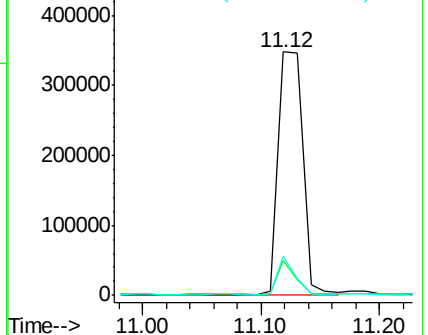
80 16.2 7.1 10.7#



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: 5.03 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.32 min

Lab File: BF087025.D

Acq: 14 May 2016 17:41

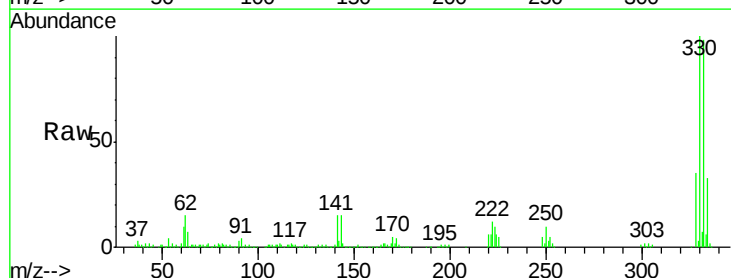
Tgt Ion:248 Resp: 25425

Ion Ratio Lower Upper

248 100

250 205.3 78.6 117.8#

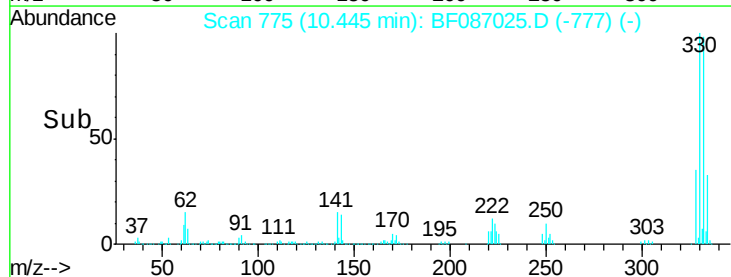
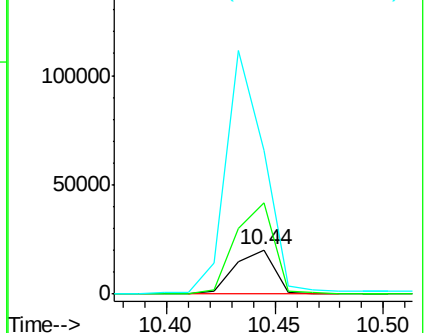
141 321.4 76.0 114.0#

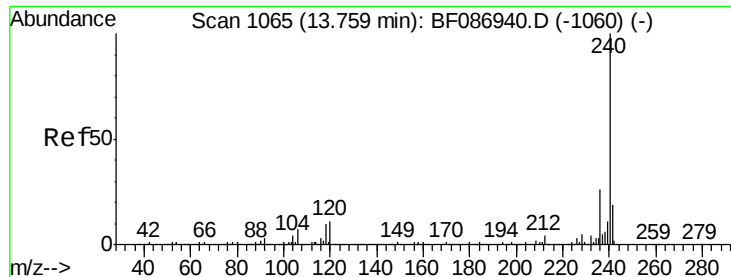


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF087025.D

Acq: 14 May 2016 17:41

Instrument :

BNA_F

ClientSampleId :

MW-15

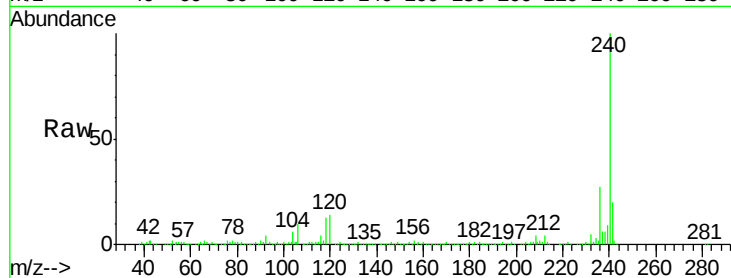
Tgt Ion:240 Resp: 344783

Ion Ratio Lower Upper

240 100

120 14.2 11.2 16.8

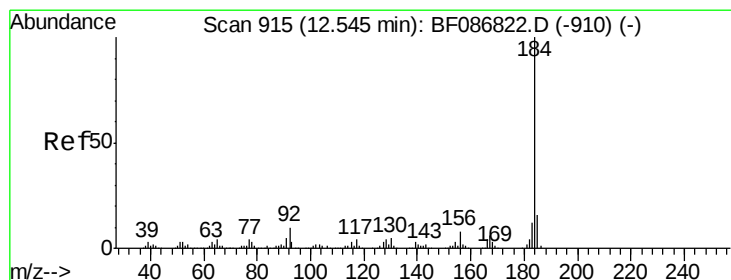
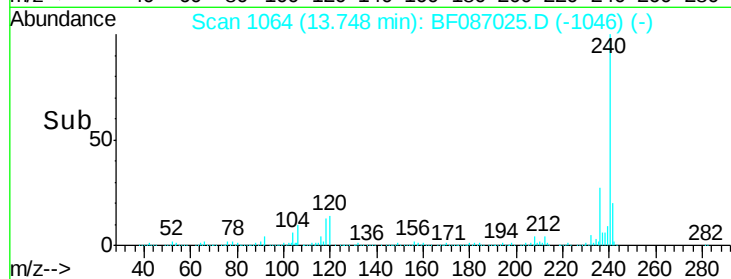
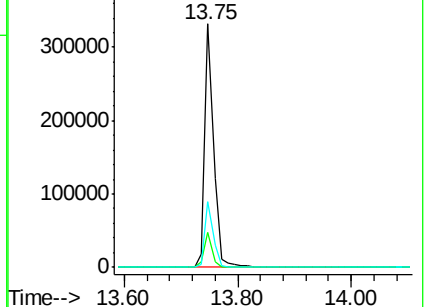
236 26.8 21.2 31.8



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: 2.51 ng

RT: 12.71 min Scan# 973

Delta R.T. 0.16 min

Lab File: BF087025.D

Acq: 14 May 2016 17:41

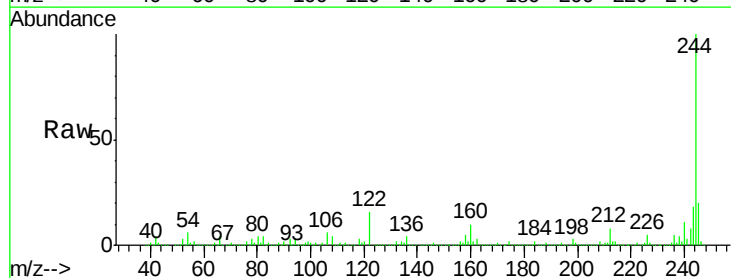
Tgt Ion:184 Resp: 22045

Ion Ratio Lower Upper

184 100

185 17.7 13.6 20.4

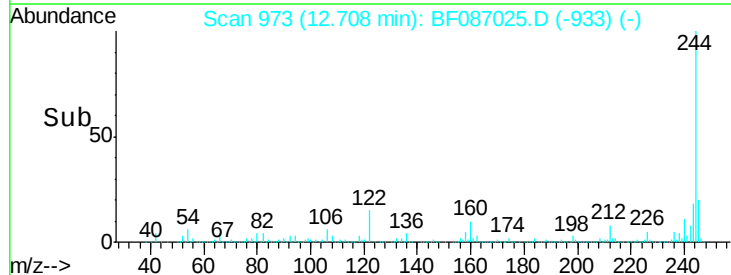
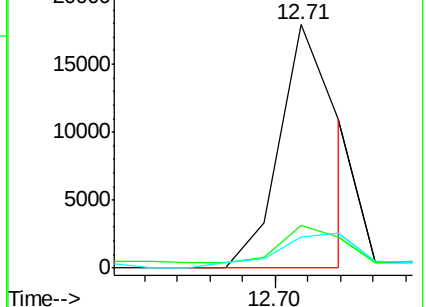
183 12.8 9.8 14.6

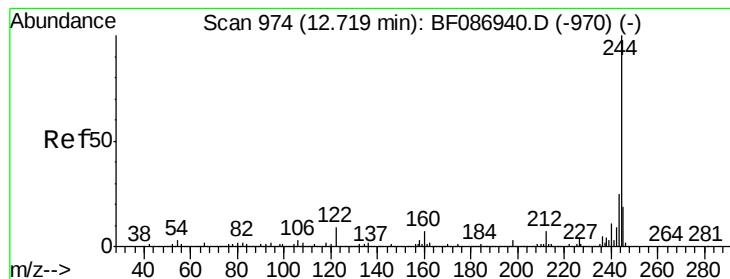


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 87.94 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF087025.D

Acq: 14 May 2016 17:41

Instrument :

BNA_F

ClientSampleId :

MW-15

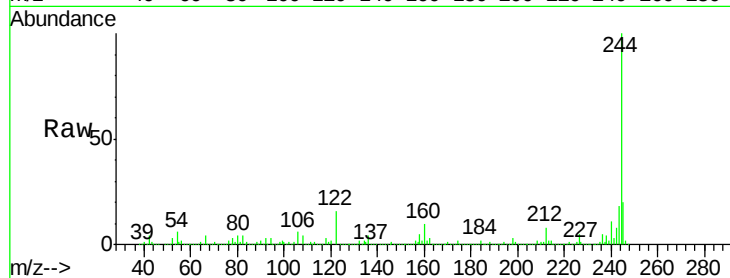
Tgt Ion:244 Resp: 1429066

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

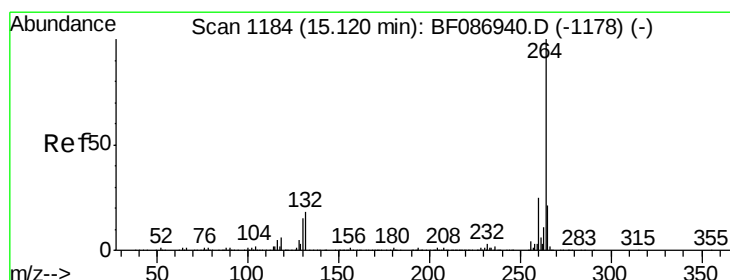
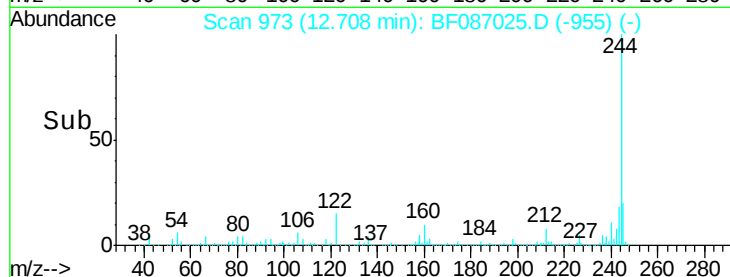
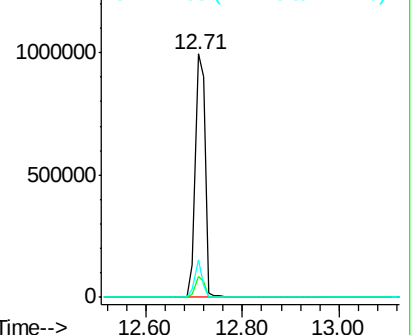
122 15.5 12.0 18.0



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: BF087025.D

Acq: 14 May 2016 17:41

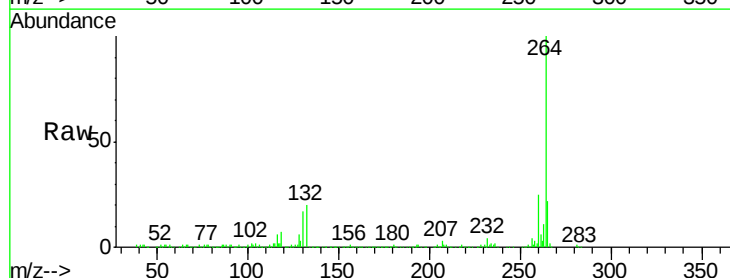
Tgt Ion:264 Resp: 297329

Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

265 22.2 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

