

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087058.D
 Acq On : 15 May 2016 9:41
 Operator : UM/SJ
 Sample : H3052-10
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-27

Quant Time: May 16 04:55:37 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

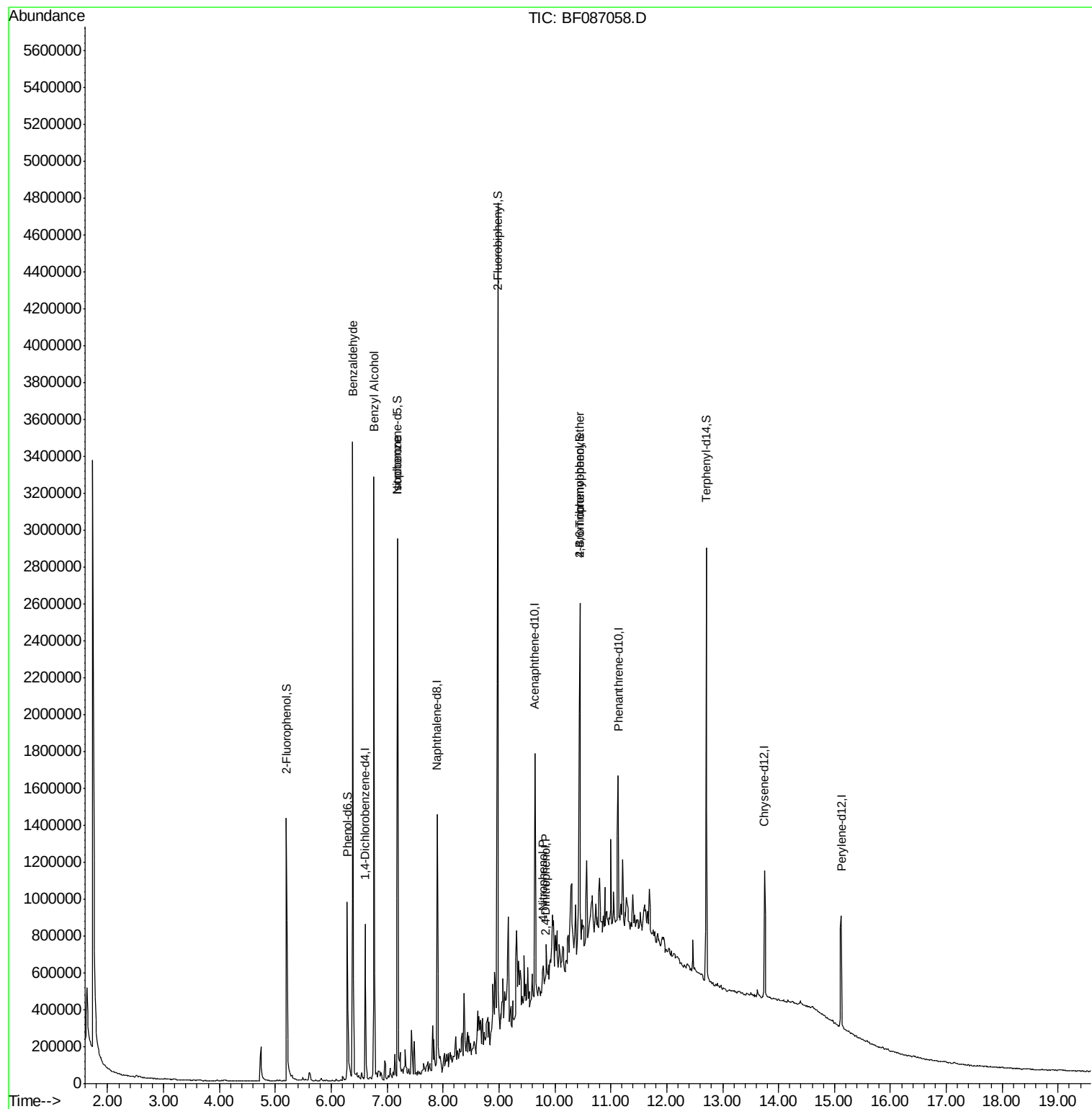
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	144180	20.00	ng	-0.09
21) Naphthalene-d8	7.90	136	580898	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	250605	20.00	ng	-0.09
63) Phenanthrene-d10	11.13	188	401107	20.00	ng	-0.08
75) Chrysene-d12	13.75	240	297355	20.00	ng	-0.09
86) Perylene-d12	15.12	264	334292	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	485041	56.97	ng	-0.09
7) Phenol-d6	6.28	99	410420	36.07	ng	-0.08
23) Nitrobenzene-d5	7.19	82	919643	79.49	ng	-0.08
41) 2,4,6-Tribromophenol	10.45	330	292469	110.24	ng	-0.08
44) 2-Fluorobiphenyl	8.98	172	1433838	96.16	ng	-0.08
78) Terphenyl-d14	12.71	244	784844	56.00	ng	-0.09
Target Compounds						
9) Benzaldehyde	6.39	77	23949	3.63	ng	# 76
15) Benzyl Alcohol	6.76	79	16599	2.11	ng	# 43
25) Isophorone	7.19	82	913339	42.55	ng	# 68
53) 2,4-Dinitrophenol	9.83	184	215	7.79	ng	# 1
55) 4-Nitrophenol	9.79	139	2492	5.39	ng	# 1
60) 4-Chlorophenyl-phenylether	10.18	204	3007	Below Cal		# 91
66) 4-Bromophenyl-phenylether	10.45	248	18051	4.44	ng	# 1

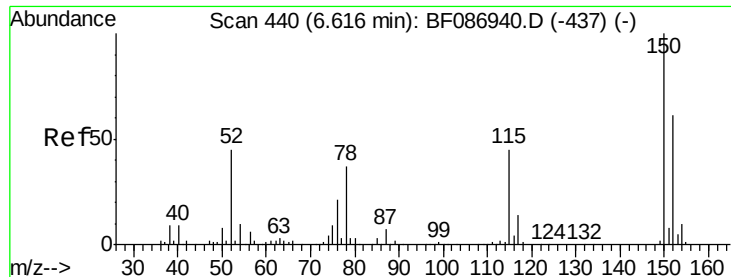
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 13 14:55:23 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.09 min

Lab File: BF087058.D

Acq: 15 May 2016 9:41

Instrument :

BNA_F

ClientSampleId :

MW-27

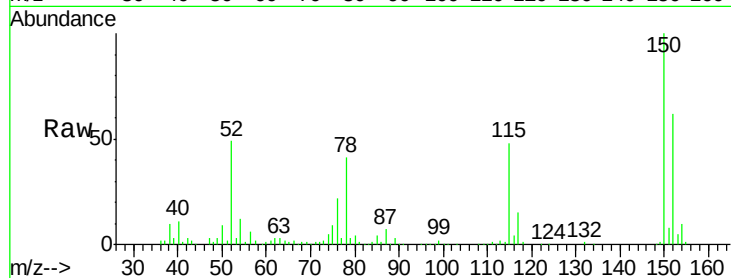
Tgt Ion:152 Resp: 144180

Ion Ratio Lower Upper

152 100

150 160.4 125.8 188.6

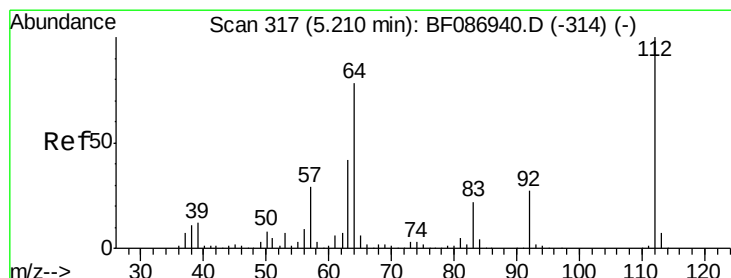
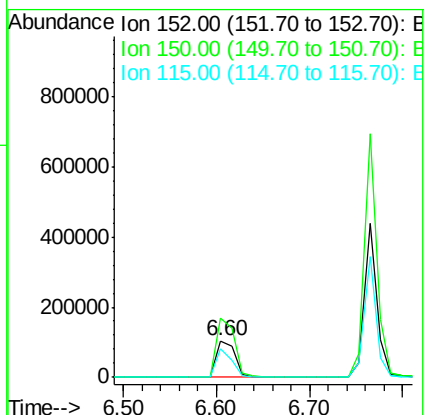
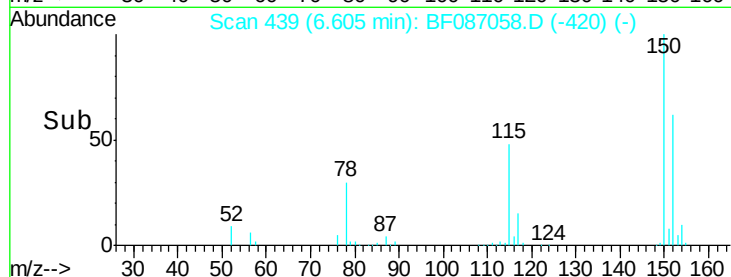
115 77.2 51.5 77.3



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: 56.97 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.09 min

Lab File: BF087058.D

Acq: 15 May 2016 9:41

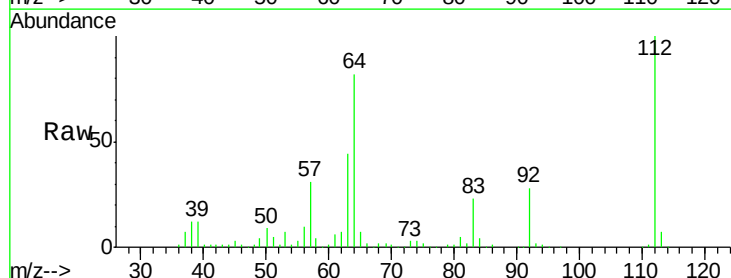
Tgt Ion:112 Resp: 485041

Ion Ratio Lower Upper

112 100

64 82.0 52.1 78.1#

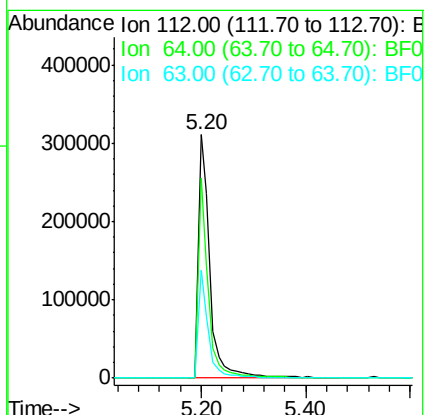
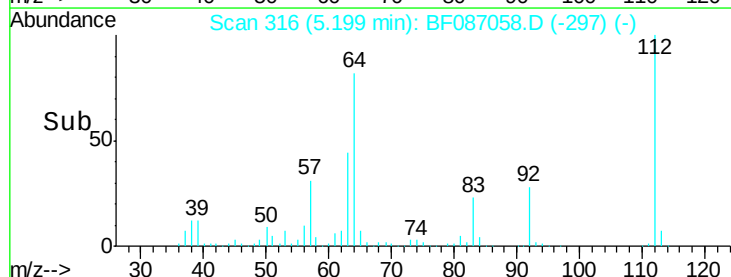
63 44.4 25.7 38.5#

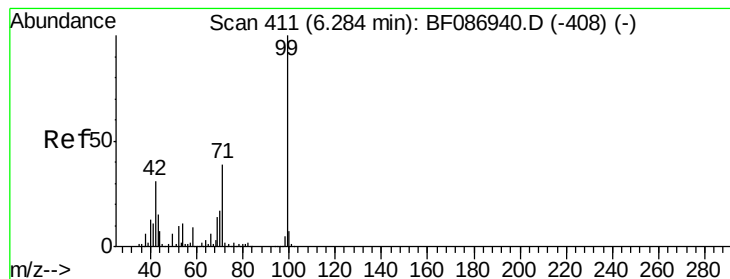


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.07 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF087058.D

Acq: 15 May 2016 9:41

Instrument :

BNA_F

ClientSampleId :

MW-27

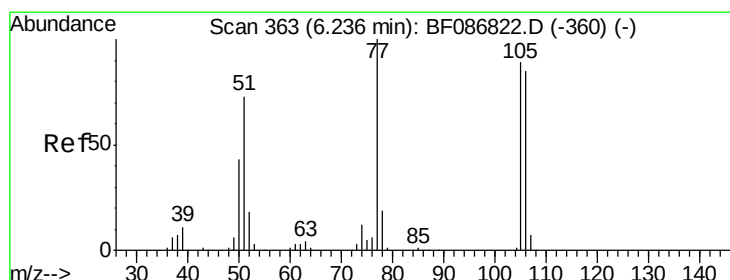
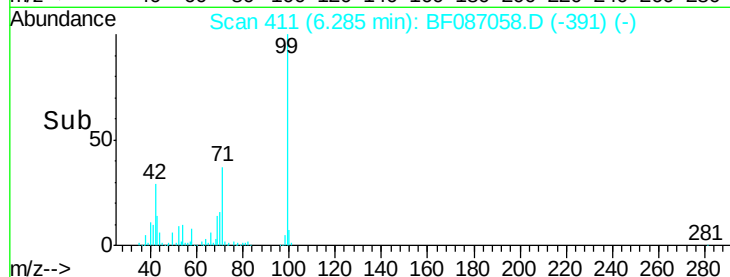
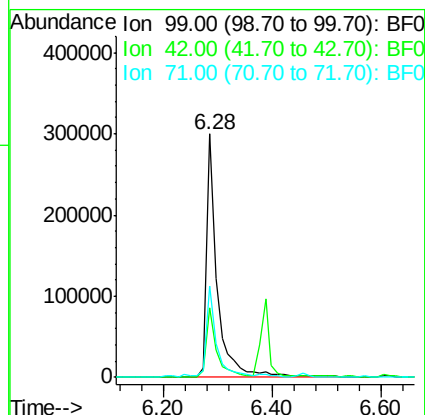
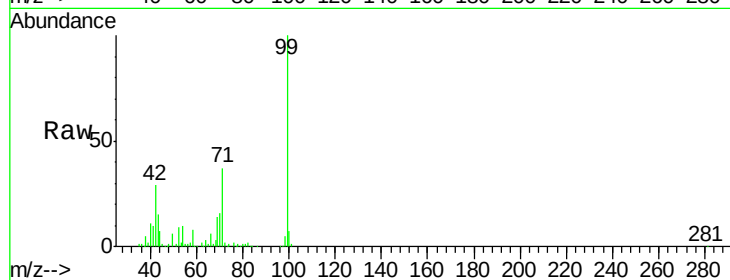
Tgt Ion: 99 Resp: 410420

Ion Ratio Lower Upper

99 100

42 28.7 13.6 20.4#

71 37.4 24.6 36.8#



#9

Benzaldehyde

Concen: 3.63 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.15 min

Lab File: BF087058.D

Acq: 15 May 2016 9:41

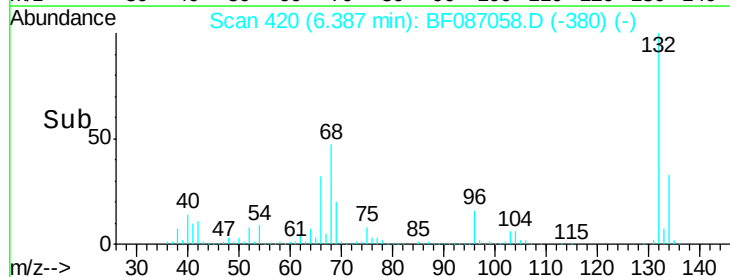
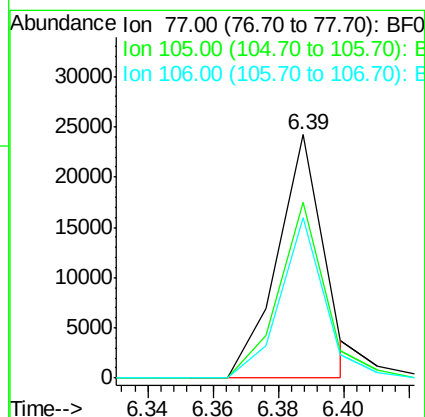
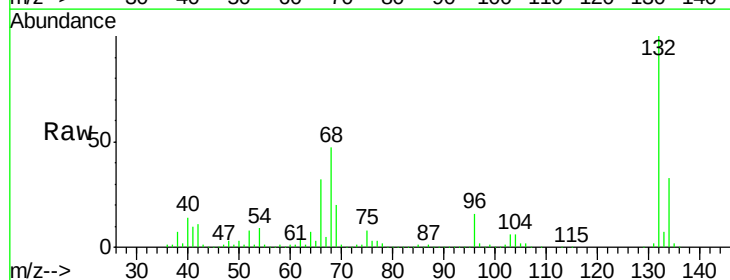
Tgt Ion: 77 Resp: 23949

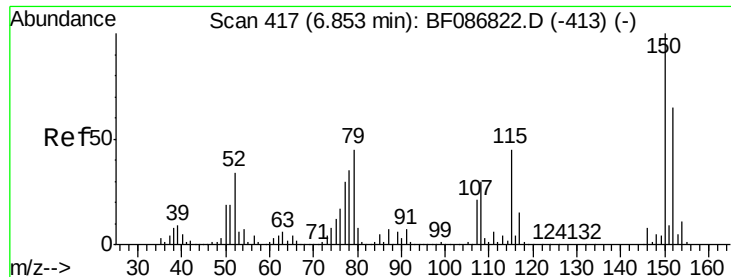
Ion Ratio Lower Upper

77 100

105 72.0 72.7 112.7#

106 65.9 70.8 110.8#

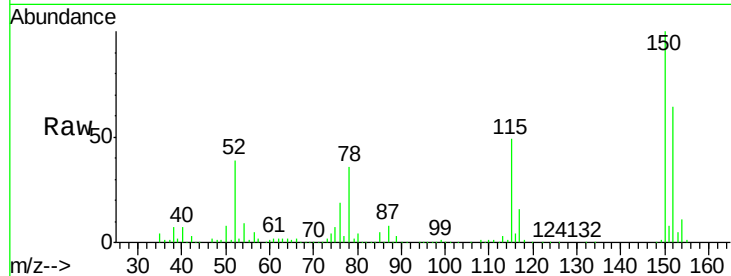




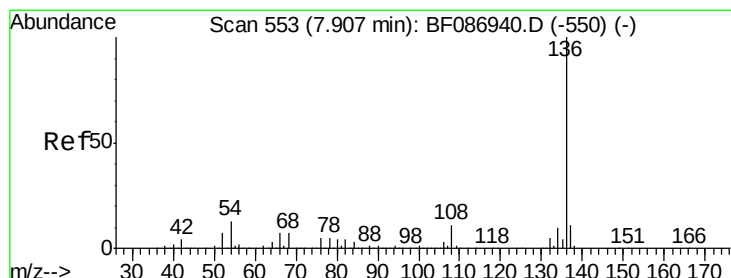
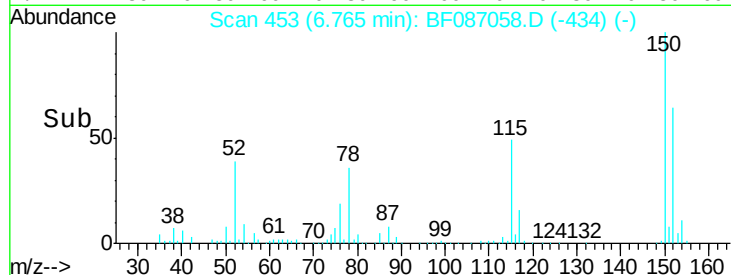
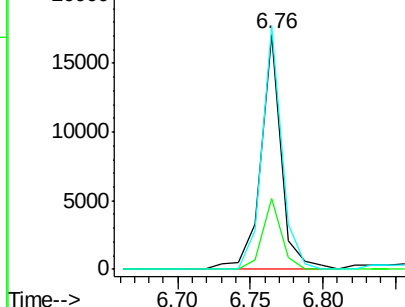
#15
Benzyl Alcohol
Concen: 2.11 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.09 min
Lab File: BF087058.D
Acq: 15 May 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-27

Tgt Ion: 79 Resp: 16599
Ion Ratio Lower Upper
79 100
108 30.3 68.4 102.6#
77 103.7 50.6 76.0#

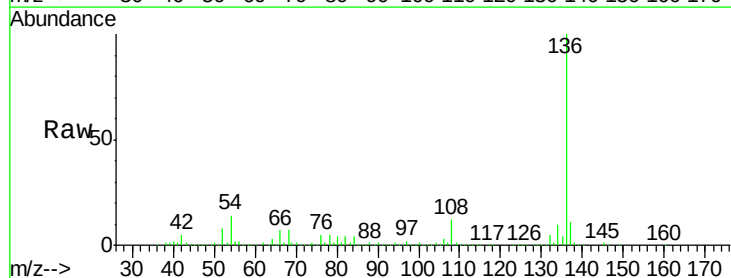


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

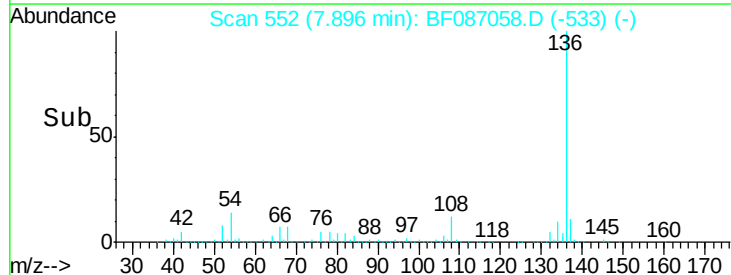
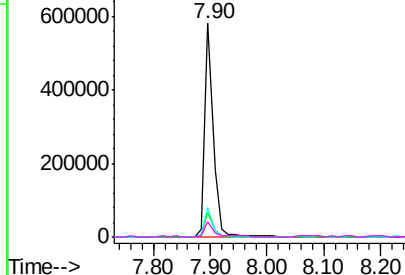


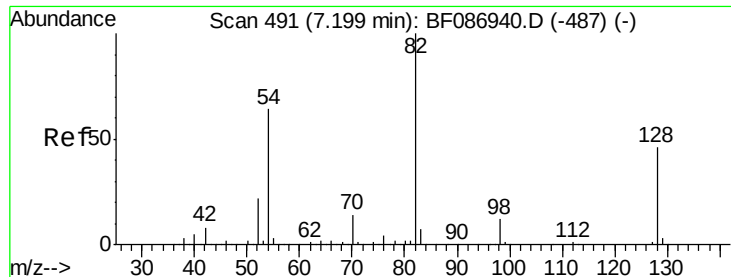
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF087058.D
Acq: 15 May 2016 9:41

Tgt Ion: 136 Resp: 580898
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 13.9 5.0 7.4#
68 7.4 4.4 6.6#



Abundance Ion 136.00 (135.70 to 136.70): BF0
Ion 137.00 (136.70 to 137.70): BF0
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

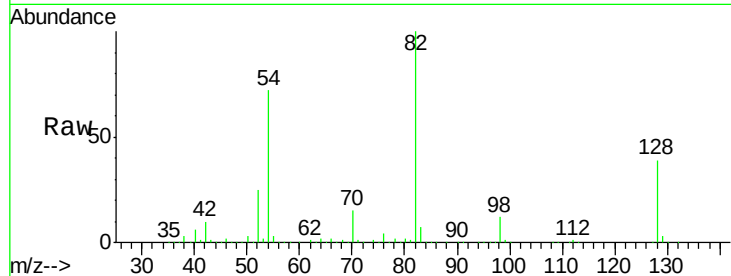




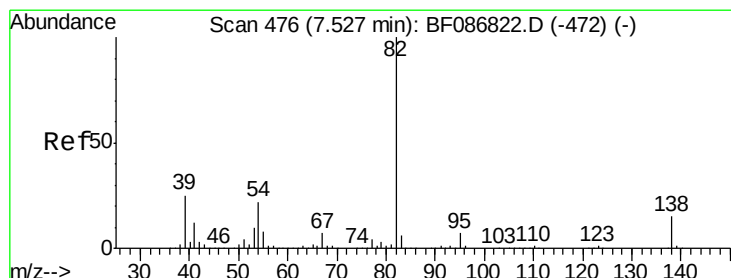
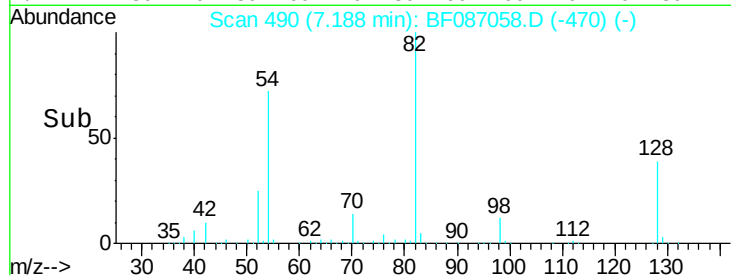
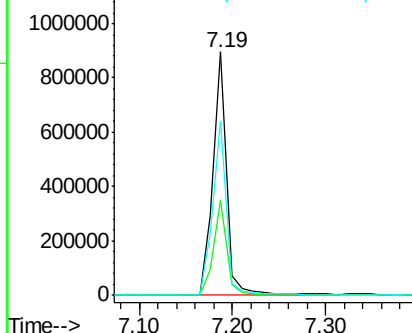
#23
Nitrobenzene-d5
Concen: 79.49 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF087058.D
Acq: 15 May 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-27

Tgt Ion: 82 Resp: 919643
Ion Ratio Lower Upper
82 100
128 38.8 40.6 61.0#
54 71.6 38.1 57.1#

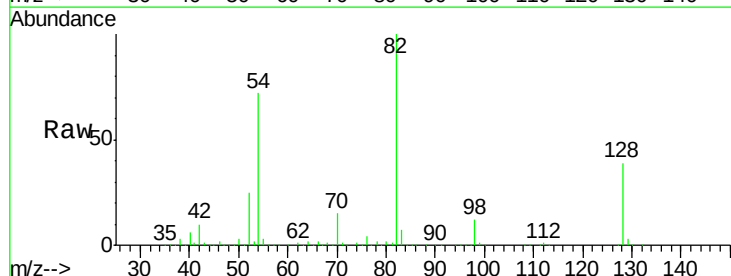


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

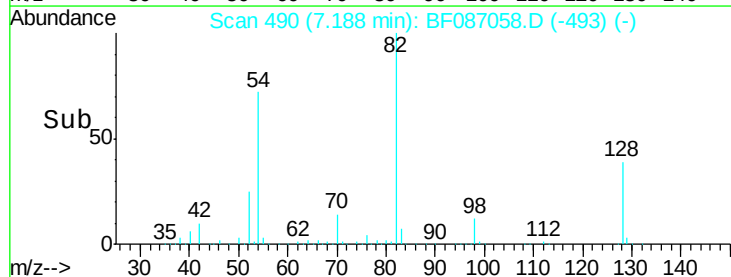
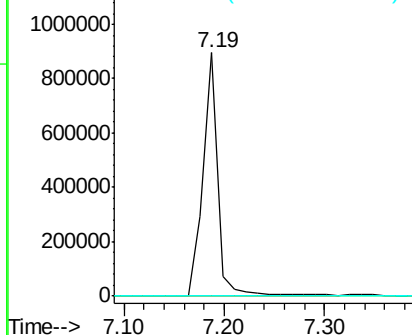


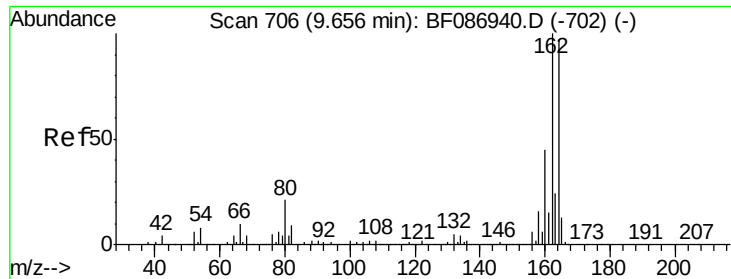
#25
Isophorone
Concen: 42.55 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.34 min
Lab File: BF087058.D
Acq: 15 May 2016 9:41

Tgt Ion: 82 Resp: 913339
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

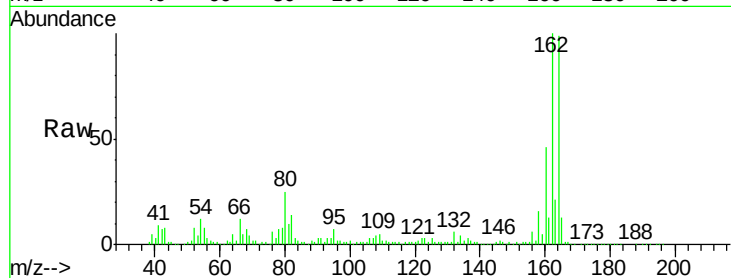




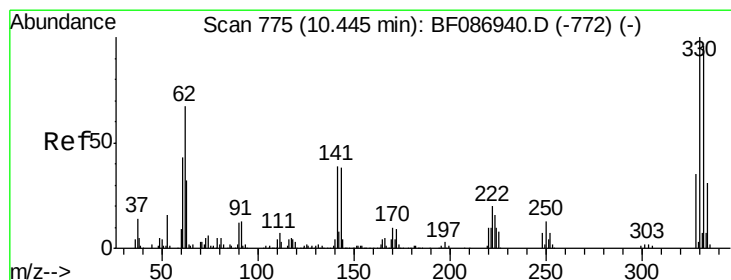
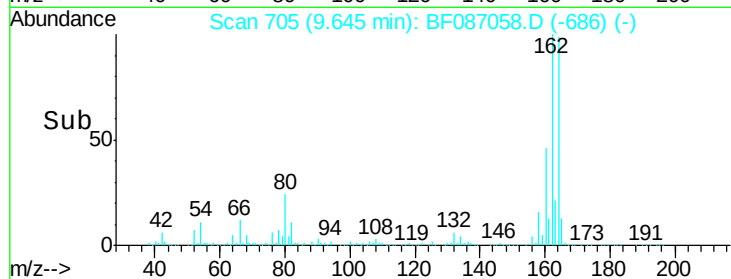
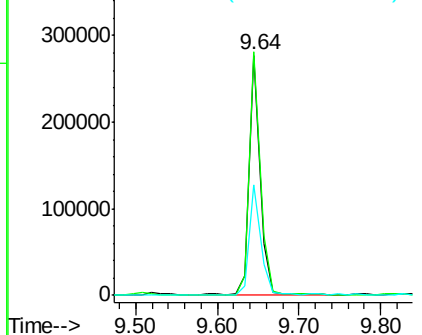
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.09 min
 Lab File: BF087058.D
 Acq: 15 May 2016 9:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.8	124.2
160	46.3	36.9	55.3

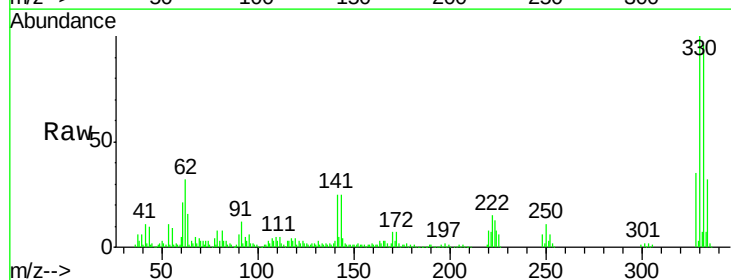


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

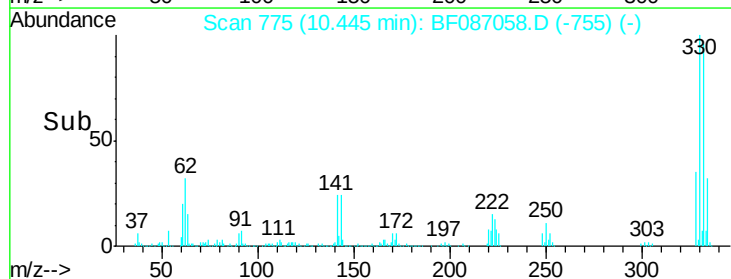
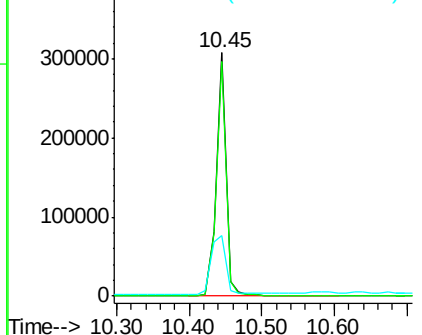


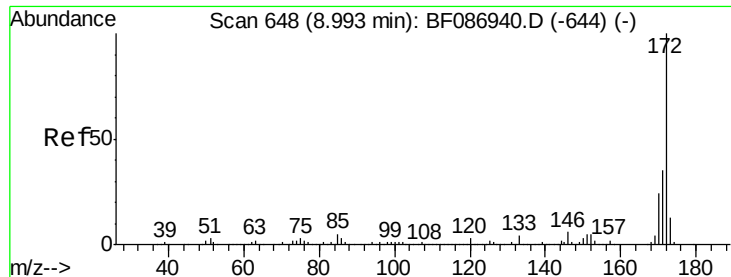
#41
 2,4,6-Tribromophenol
 Concen: 110.24 ng
 RT: 10.45 min Scan# 775
 Delta R.T. -0.08 min
 Lab File: BF087058.D
 Acq: 15 May 2016 9:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	79.0	118.4
141	35.3	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

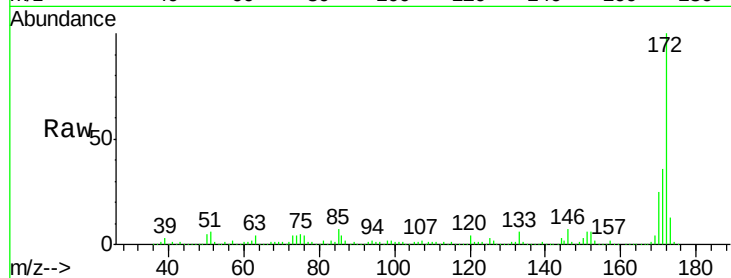




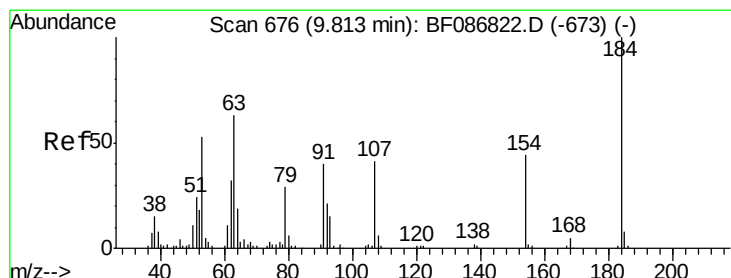
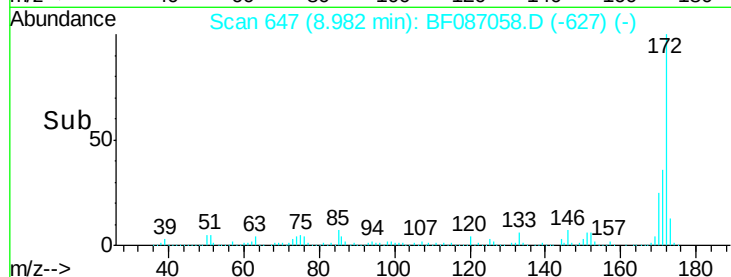
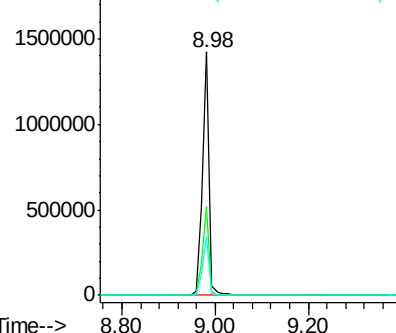
#44
 2-Fluorobiphenyl
 Concen: 96.16 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF087058.D
 Acq: 15 May 2016 9:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-27

Tgt Ion:172 Resp: 1433838
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.5 19.8 29.8

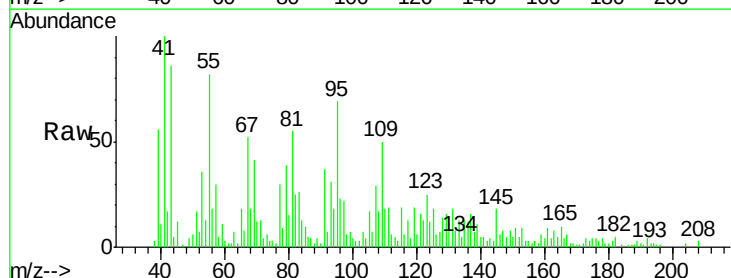


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

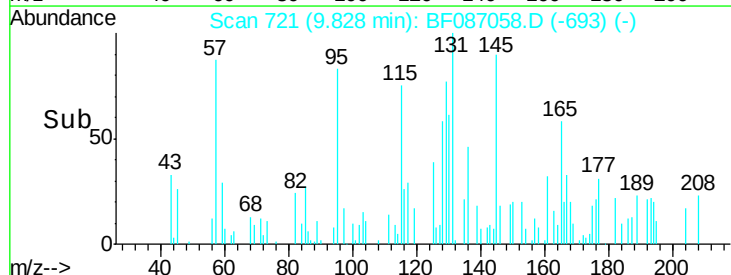
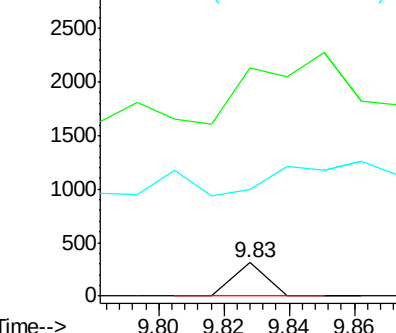


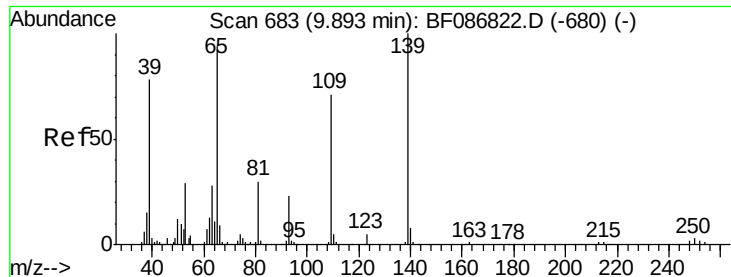
#53
 2,4-Dinitrophenol
 Concen: 7.79 ng
 RT: 9.83 min Scan# 721
 Delta R.T. 0.01 min
 Lab File: BF087058.D
 Acq: 15 May 2016 9:41

Tgt Ion:184 Resp: 215
 Ion Ratio Lower Upper
 184 100
 63 680.9 55.8 83.8#
 154 318.8 62.4 93.6#



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





#55

4-Nitrophenol

Concen: 5.39 ng

RT: 9.79 min Scan# 718

Delta R.T. -0.10 min

Lab File: BF087058.D

Acq: 15 May 2016 9:41

Instrument :

BNA_F

ClientSampled :

MW-27

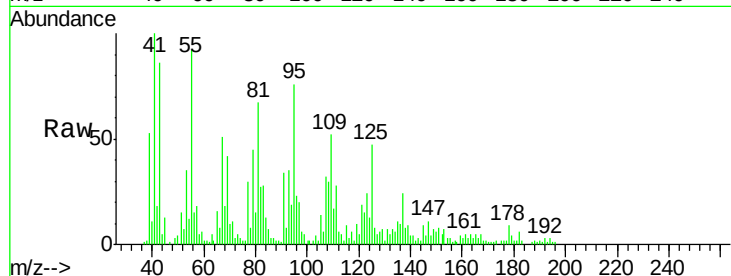
Tgt Ion:139 Resp: 2492

Ion Ratio Lower Upper

139 100

109 556.8 36.9 76.9#

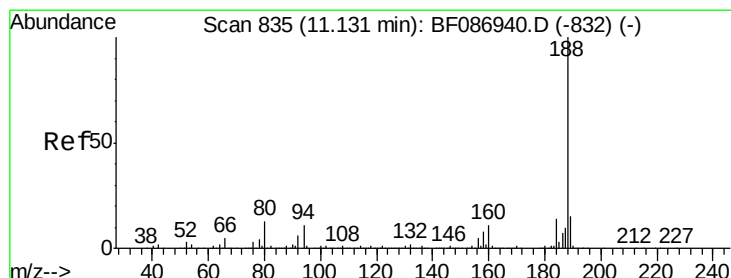
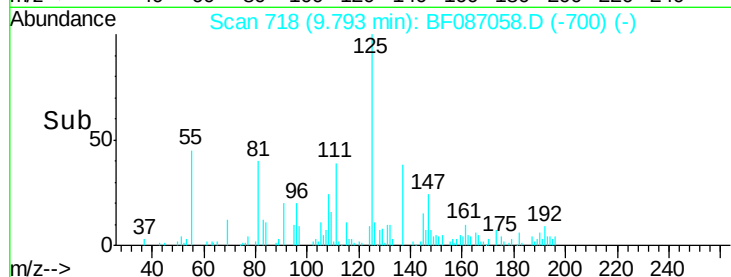
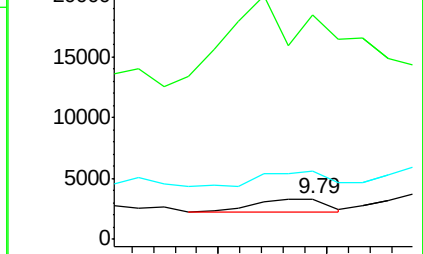
65 170.5 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.08 min

Lab File: BF087058.D

Acq: 15 May 2016 9:41

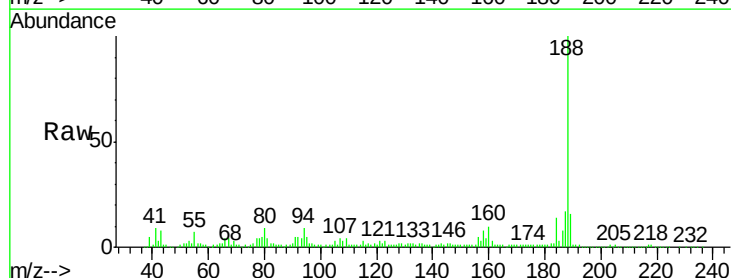
Tgt Ion:188 Resp: 401107

Ion Ratio Lower Upper

188 100

94 8.8 6.8 10.2

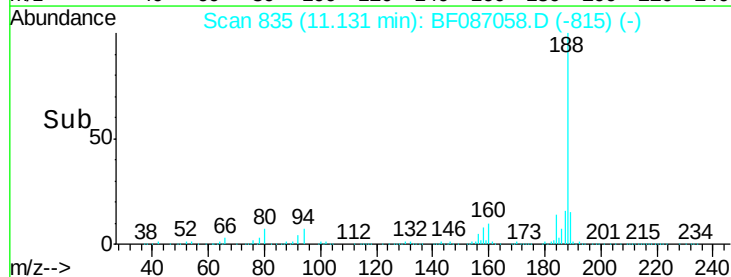
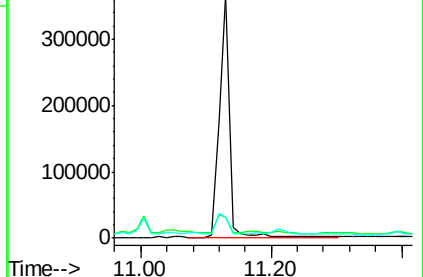
80 8.7 7.1 10.7

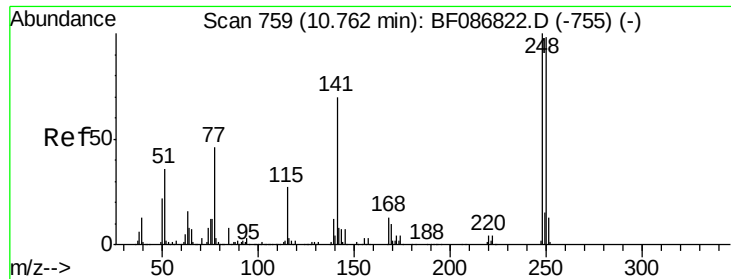


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

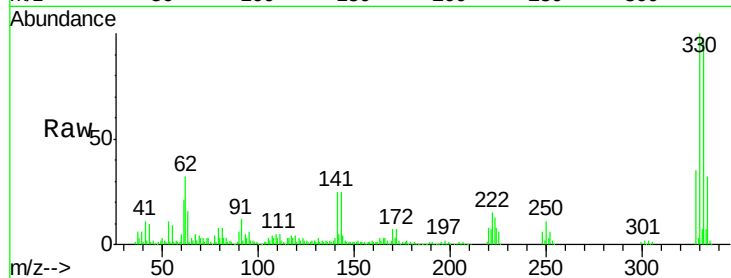




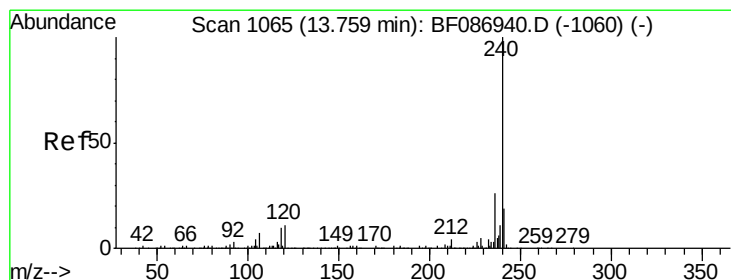
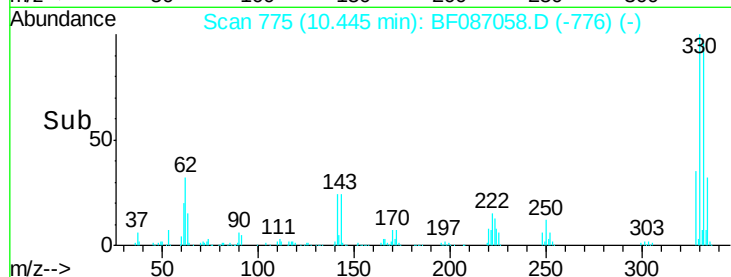
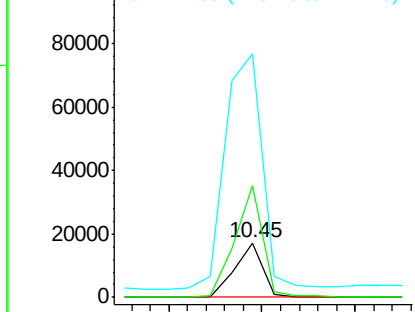
#66
4-Bromophenyl-phenylether
Concen: 4.44 ng
RT: 10.45 min Scan# 775
Delta R.T. -0.32 min
Lab File: BF087058.D
Acq: 15 May 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-27

Tgt Ion:248 Resp: 18051
Ion Ratio Lower Upper
248 100
250 203.6 78.6 117.8#
141 444.8 76.0 114.0#

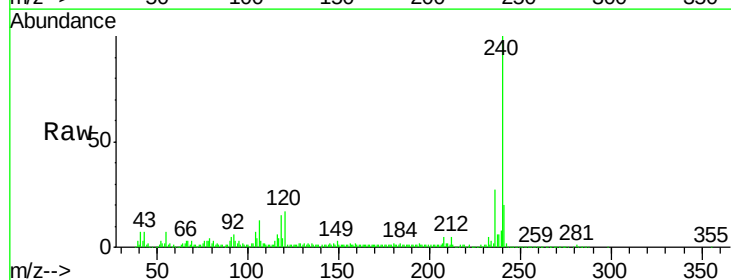


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

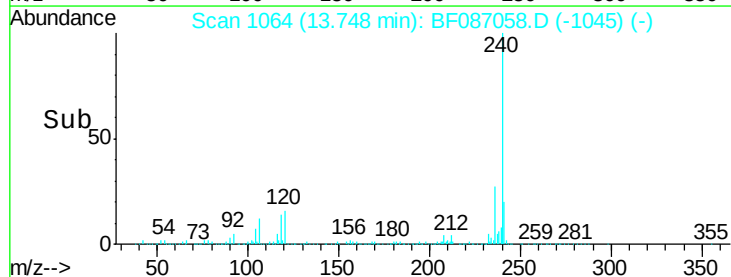
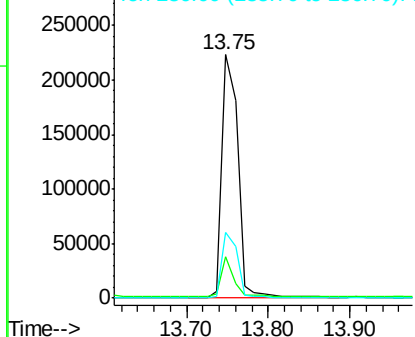


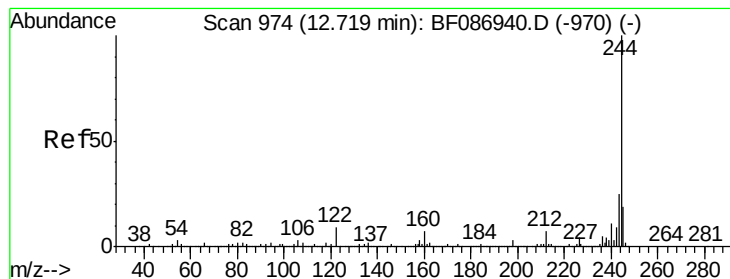
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.09 min
Lab File: BF087058.D
Acq: 15 May 2016 9:41

Tgt Ion:240 Resp: 297355
Ion Ratio Lower Upper
240 100
120 17.2 11.2 16.8#
236 26.9 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





#78

Terphenyl-d14

Concen: 56.00 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF087058.D

Acq: 15 May 2016 9:41

Instrument :

BNA_F

ClientSampleId :

MW-27

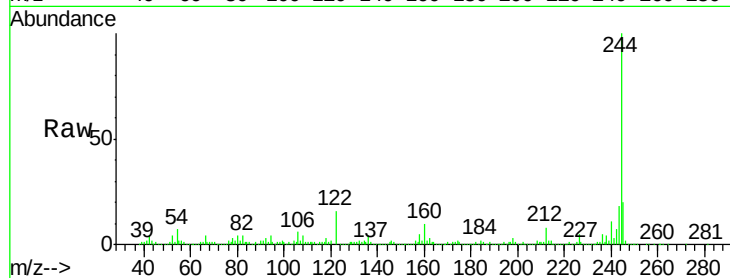
Tgt Ion:244 Resp: 784844

Ion Ratio Lower Upper

244 100

212 8.5 6.2 9.2

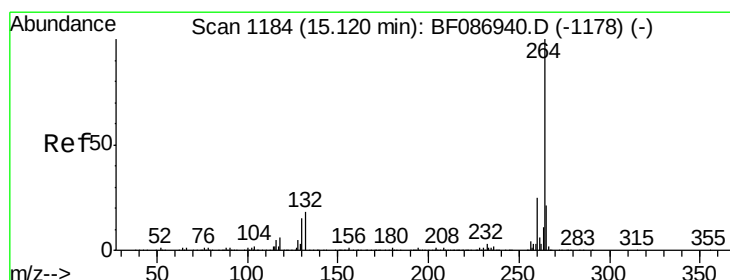
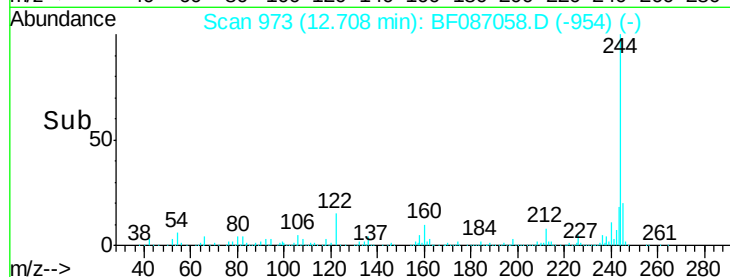
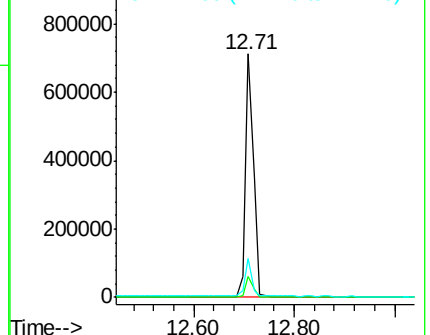
122 15.8 12.0 18.0



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: 15.12 min Scan# 1184

Delta R.T. -0.09 min

Lab File: BF087058.D

Acq: 15 May 2016 9:41

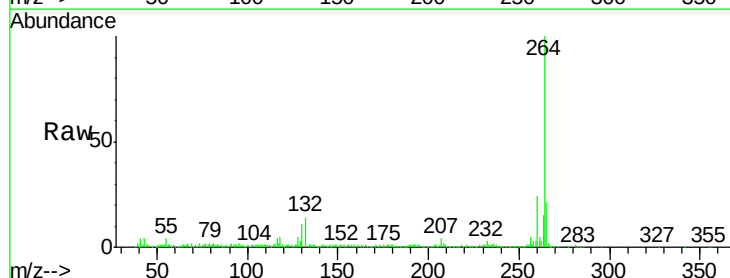
Tgt Ion:264 Resp: 334292

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.3 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

