

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
 Data File : BF086997.D
 Acq On : 14 May 2016 4:09
 Operator : UM/SJ
 Sample : H2966-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-28

Quant Time: May 14 05:10:17 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 23:02:21 2016
 Response via : Initial Calibration

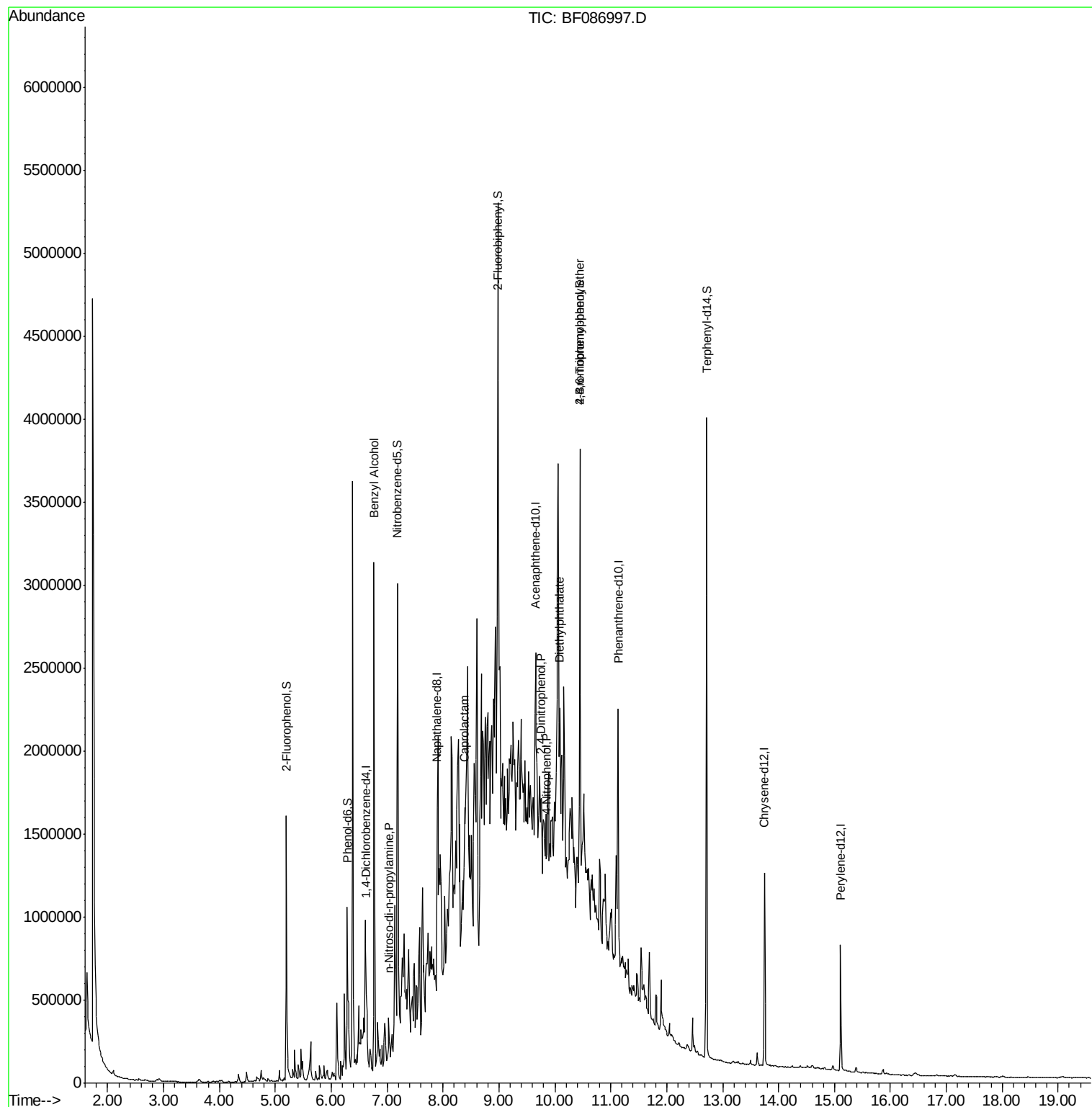
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	137222	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	527096	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	274011	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	502410	20.00	ng	0.00
75) Chrysene-d12	13.75	240	396369	20.00	ng	-0.01
86) Perylene-d12	15.11	264	305964	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	481015	59.36	ng	0.00
7) Phenol-d6	6.28	99	426513	39.39	ng	0.00
23) Nitrobenzene-d5	7.19	82	936488	89.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	395156	136.22	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1455456	89.27	ng	0.00
78) Terphenyl-d14	12.72	244	1564710	83.76	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.76	79	18599	2.49	ng	# 45
19) n-Nitroso-di-n-propylamine	7.03	70	15352	2.03	ng	# 1
35) Caprolactam	8.39	113	16002	6.61	ng	# 1
53) 2,4-Dinitrophenol	9.76	184	243	7.79	ng	# 1
55) 4-Nitrophenol	9.85	139	2220	5.24	ng	# 1
59) Diethylphthalate	10.09	149	47899	2.35	ng	# 1
60) 4-Chlorophenyl-phenylether	10.18	204	5601	Below Cal		# 59
66) 4-Bromophenyl-phenylether	10.44	248	22157	4.35	ng	# 1

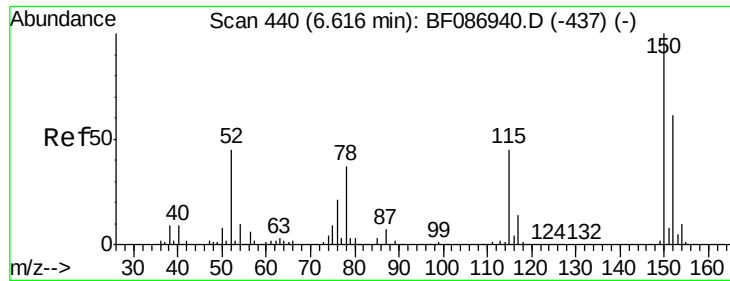
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 13 23:02:21 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF086997.D

Acq: 14 May 2016 4:09

Instrument :

BNA_F

ClientSampleId :

MW-28

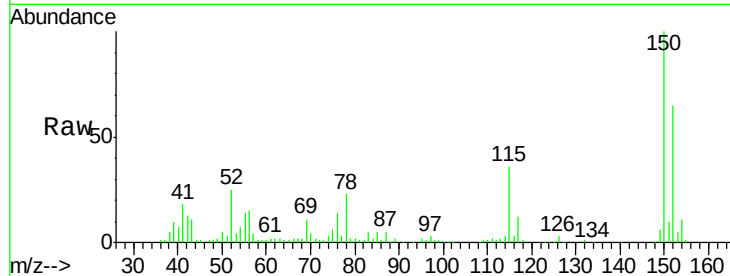
Tgt Ion:152 Resp: 137222

Ion Ratio Lower Upper

152 100

150 154.2 125.8 188.6

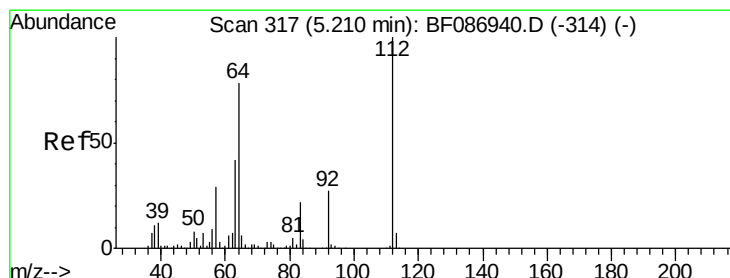
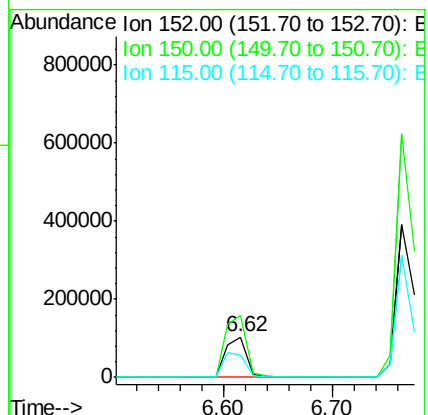
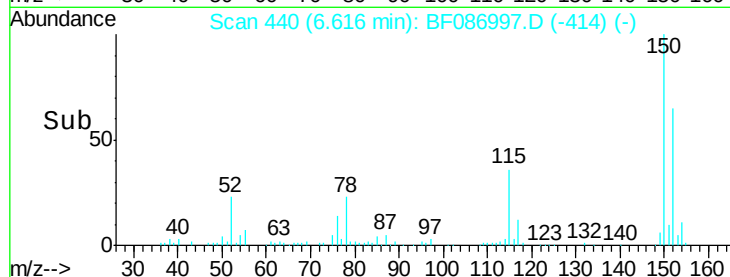
115 56.0 51.5 77.3



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: 59.36 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.00 min

Lab File: BF086997.D

Acq: 14 May 2016 4:09

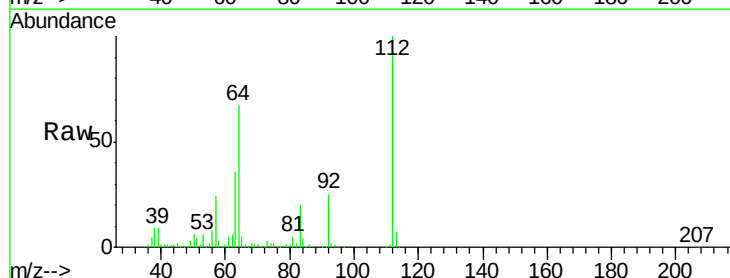
Tgt Ion:112 Resp: 481015

Ion Ratio Lower Upper

112 100

64 67.0 52.1 78.1

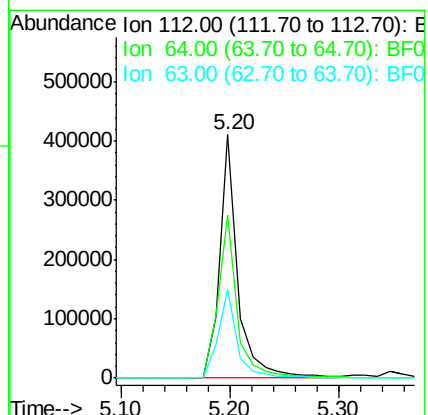
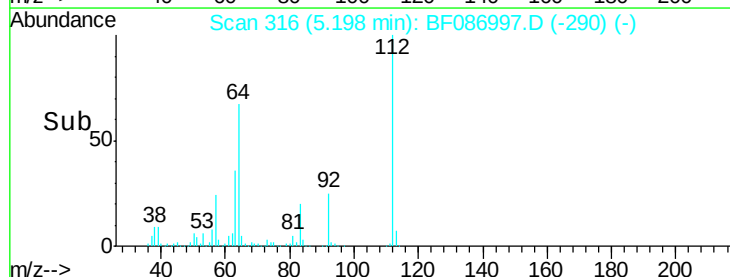
63 36.3 25.7 38.5

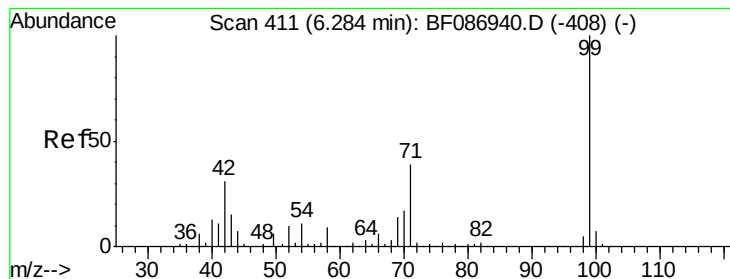


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.39 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF086997.D

Acq: 14 May 2016 4:09

Instrument :

BNA_F

ClientSampleId :

MW-28

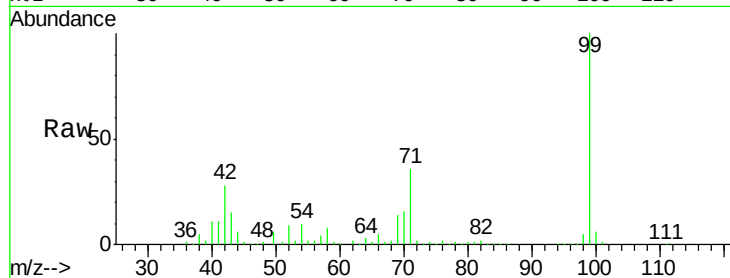
Tgt Ion: 99 Resp: 426513

Ion Ratio Lower Upper

99 100

42 28.0 13.6 20.4#

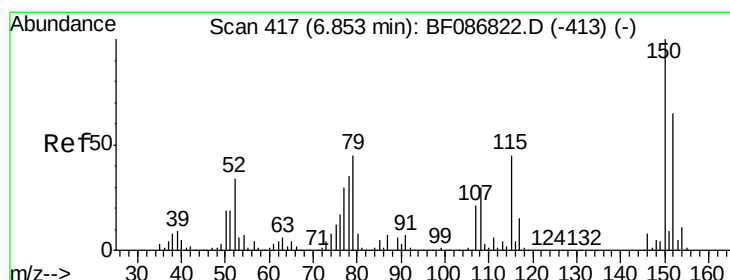
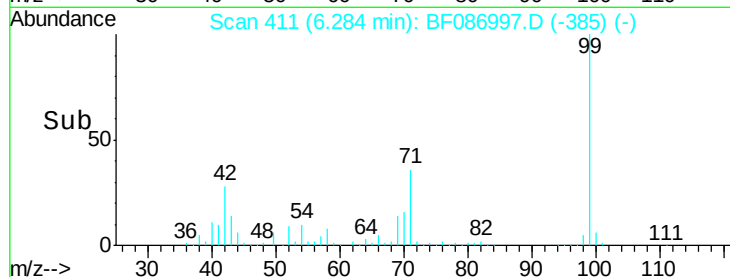
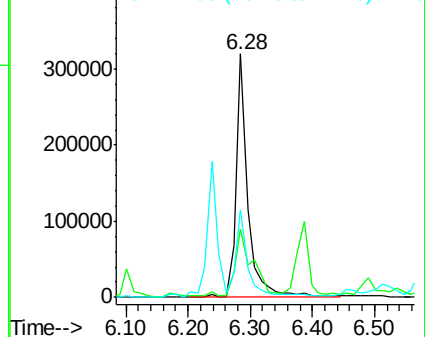
71 36.0 24.6 36.8



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



#15

Benzyl Alcohol

Concen: 2.49 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF086997.D

Acq: 14 May 2016 4:09

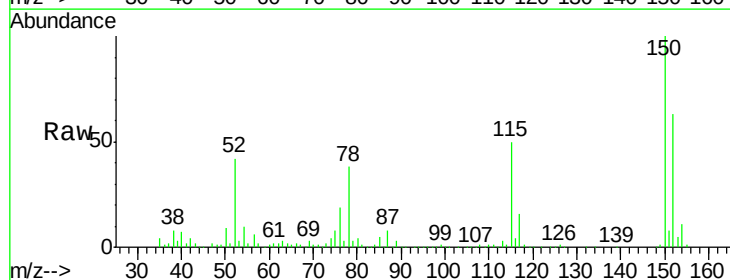
Tgt Ion: 79 Resp: 18599

Ion Ratio Lower Upper

79 100

108 32.1 68.4 102.6#

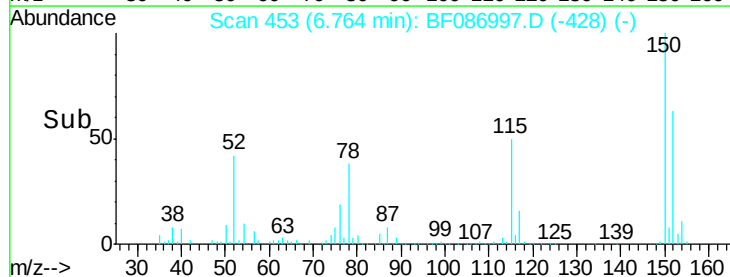
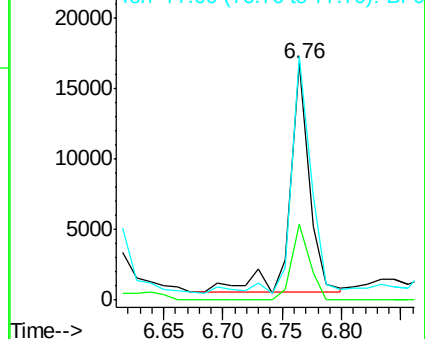
77 102.7 50.6 76.0#

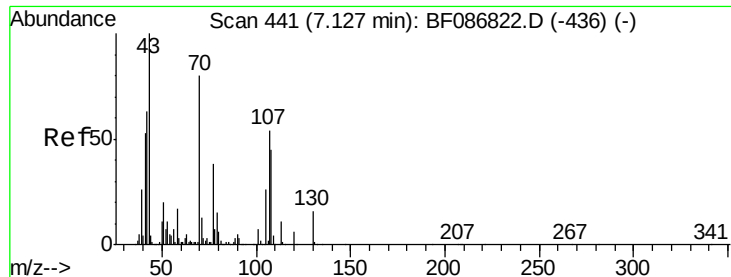


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

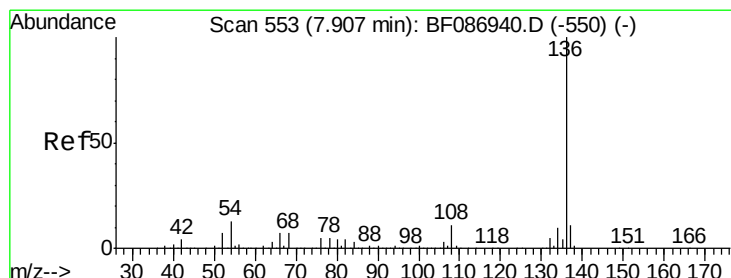
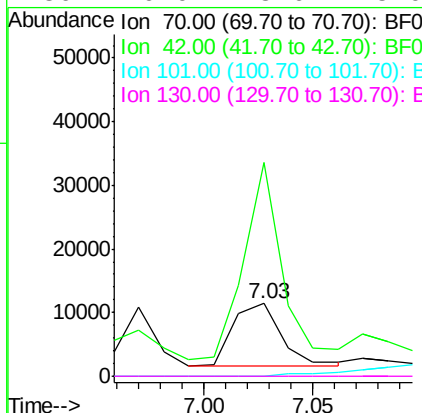
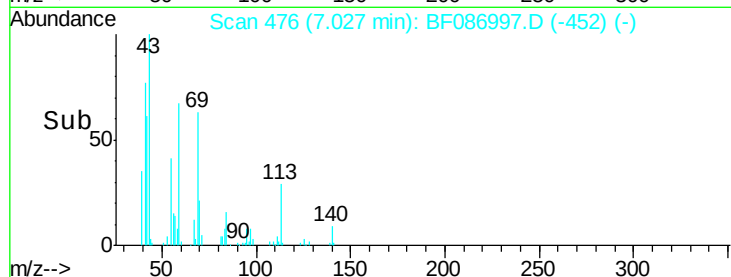
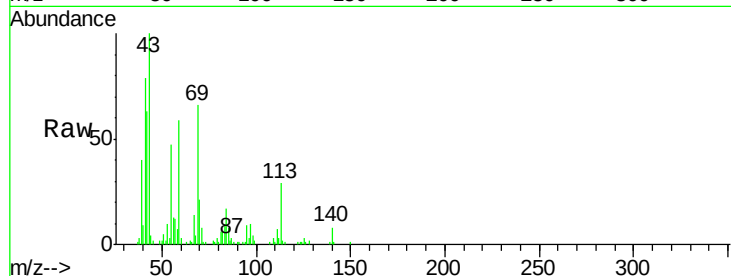




#19
n-Nitroso-di-n-propylamine
Concen: 2.03 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF086997.D
Acq: 14 May 2016 4:09

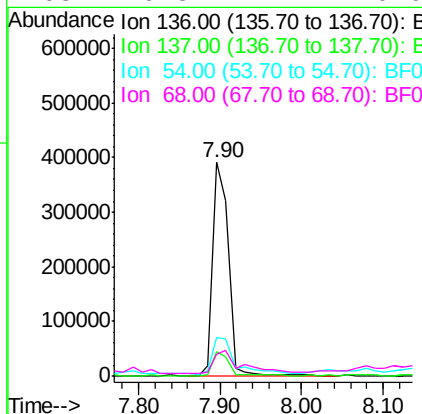
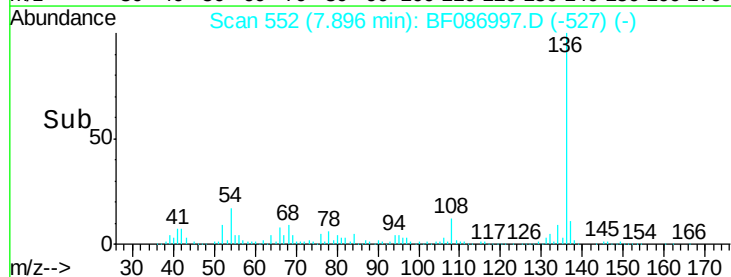
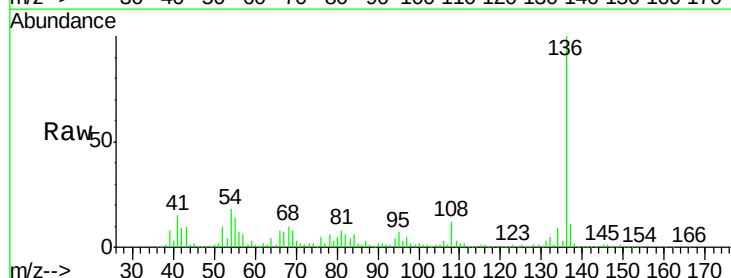
Instrument :
BNA_F
ClientSampleId :
MW-28

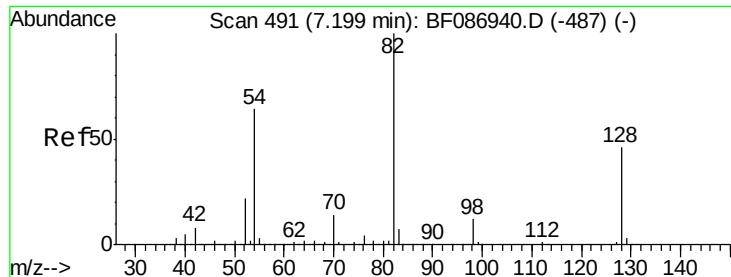
Tgt Ion: 70 Resp: 15352
Ion Ratio Lower Upper
70 100
42 294.9 43.1 64.7#
101 0.0 8.1 12.1#
130 0.0 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF086997.D
Acq: 14 May 2016 4:09

Tgt Ion: 136 Resp: 527096
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 17.8 5.0 7.4#
68 10.3 4.4 6.6#

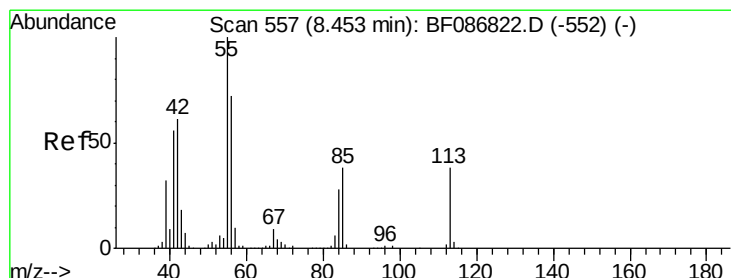
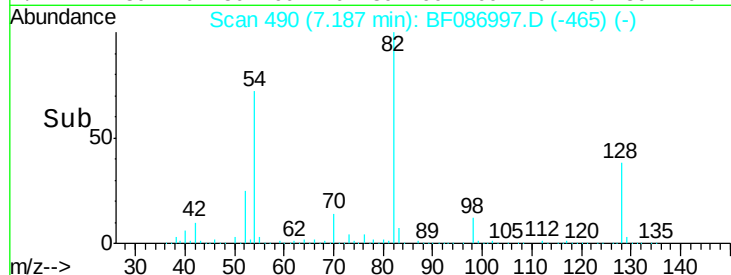
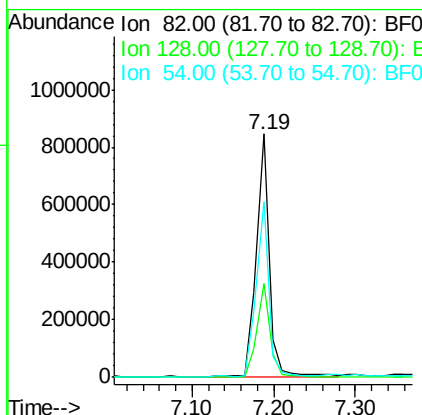
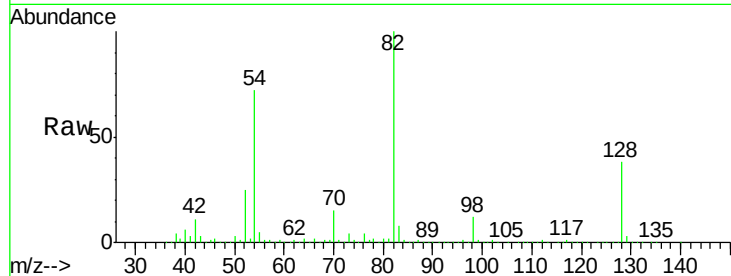




#23
Nitrobenzene-d5
Concen: 89.21 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF086997.D
Acq: 14 May 2016 4:09

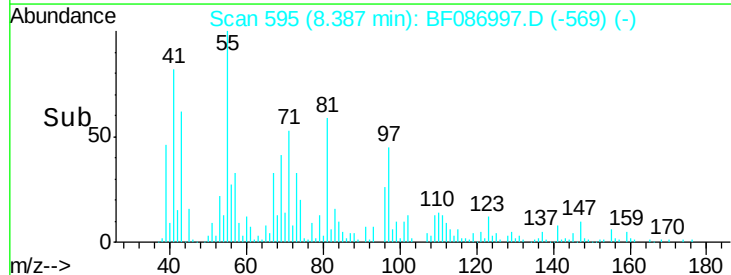
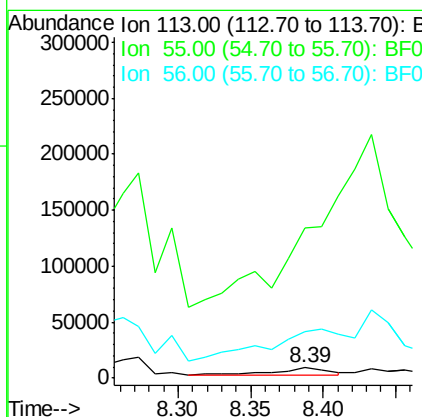
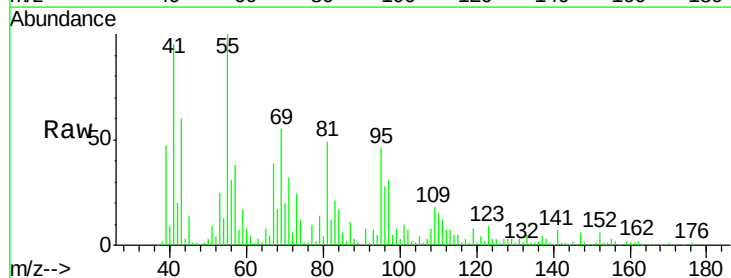
Instrument :
BNA_F
ClientSampleId :
MW-28

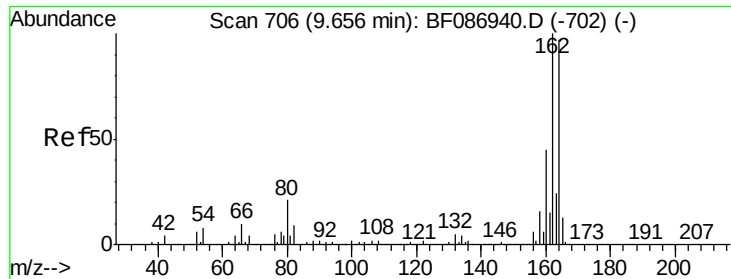
Tgt Ion: 82 Resp: 936488
Ion Ratio Lower Upper
82 100
128 38.3 40.6 61.0#
54 72.0 38.1 57.1#



#35
Caprolactam
Concen: 6.61 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF086997.D
Acq: 14 May 2016 4:09

Tgt Ion: 113 Resp: 16002
Ion Ratio Lower Upper
113 100
55 1469.4 162.0 202.0#
56 452.0 115.3 155.3#

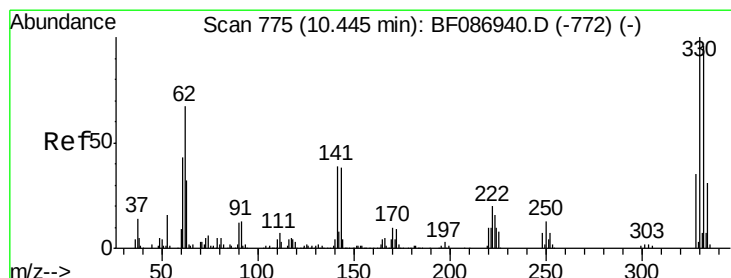
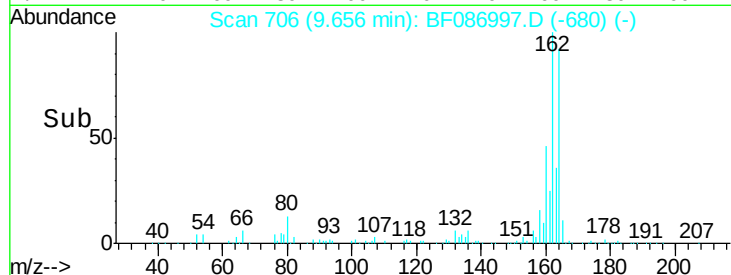
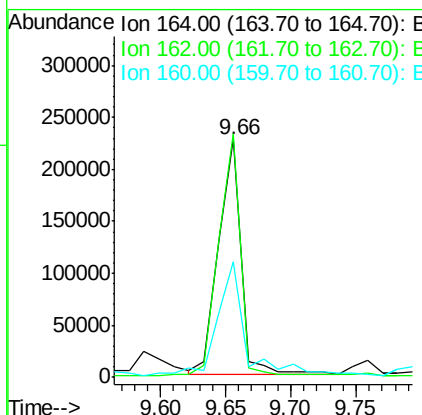
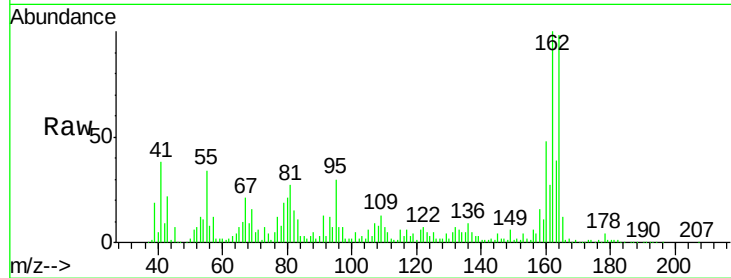




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF086997.D
Acq: 14 May 2016 4:09

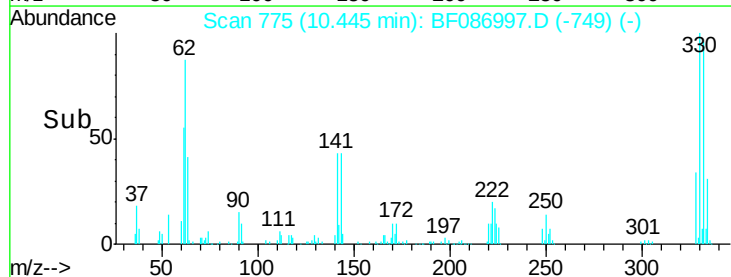
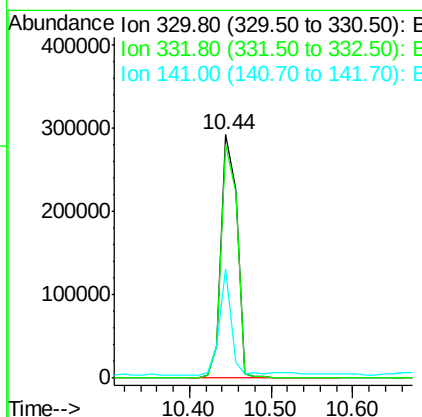
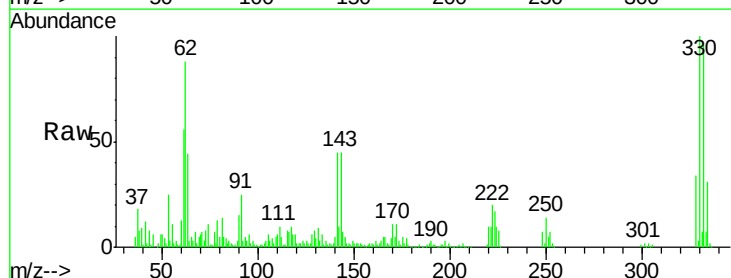
Instrument :
BNA_F
ClientSampleId :
MW-28

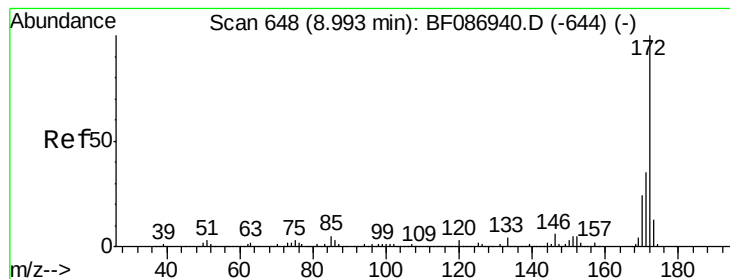
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.8	124.2
160	48.8	36.9	55.3



#41
2,4,6-Tribromophenol
Concen: 136.22 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF086997.D
Acq: 14 May 2016 4:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.0	118.4
141	33.3	31.2	46.8





#44

2-Fluorobiphenyl

Concen: 89.27 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF086997.D

Acq: 14 May 2016 4:09

Instrument :

BNA_F

ClientSampleId :

MW-28

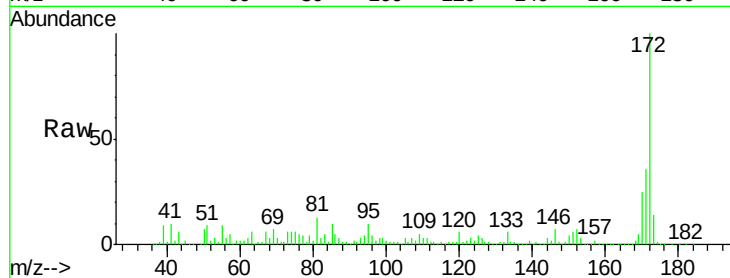
Tgt Ion:172 Resp: 1455456

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.6

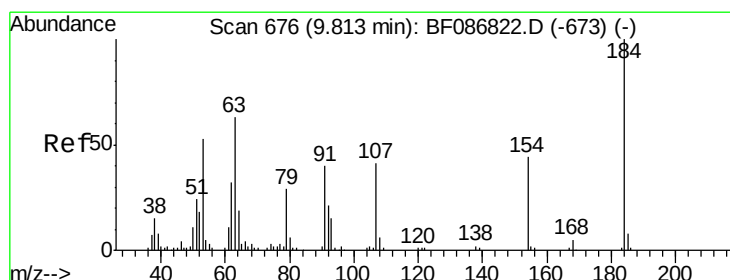
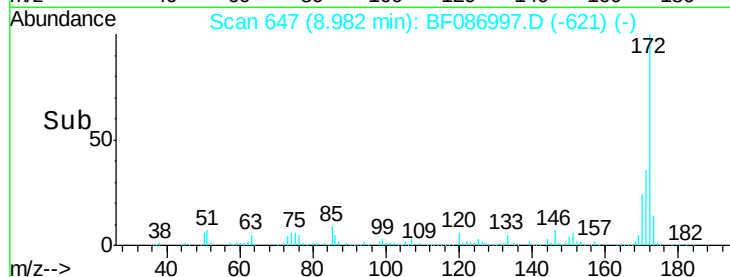
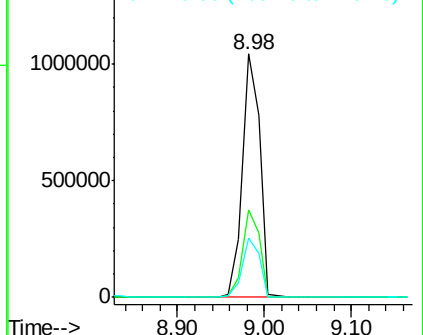
170 24.5 19.8 29.8



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: 9.76 min Scan# 715

Delta R.T. 0.02 min

Lab File: BF086997.D

Acq: 14 May 2016 4:09

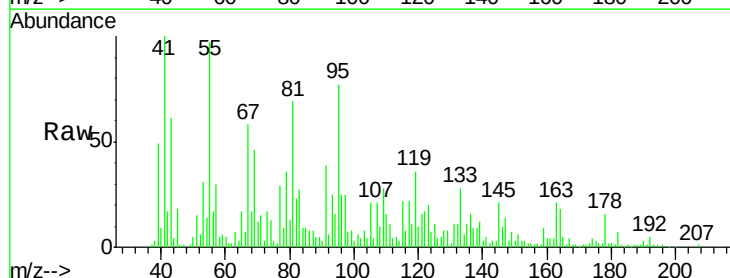
Tgt Ion:184 Resp: 243

Ion Ratio Lower Upper

184 100

63 1805.9 55.8 83.8#

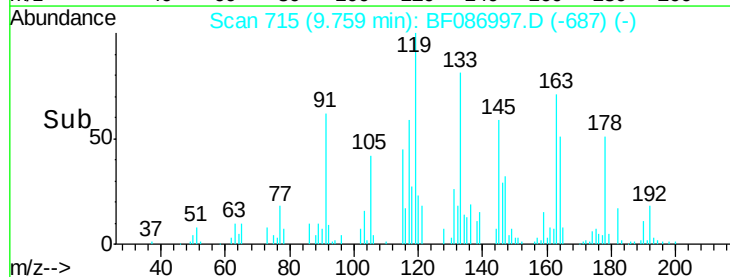
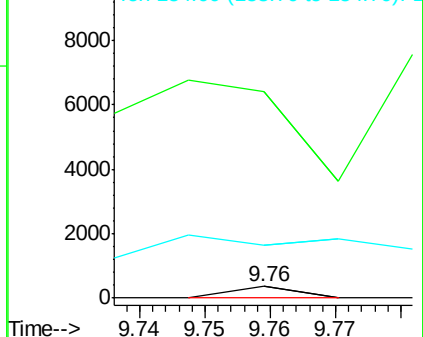
154 460.8 62.4 93.6#

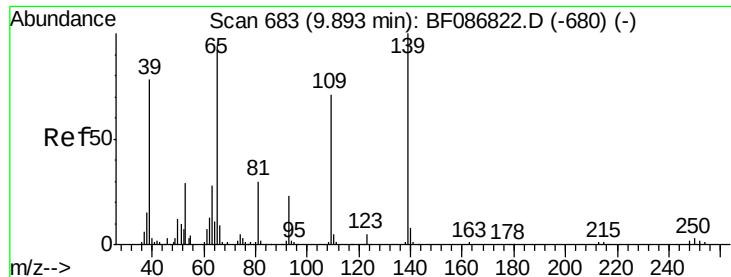


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#55

4-Nitrophenol

Concen: 5.24 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.03 min

Lab File: BF086997.D

Acq: 14 May 2016 4:09

Instrument :

BNA_F

ClientSampled :

MW-28

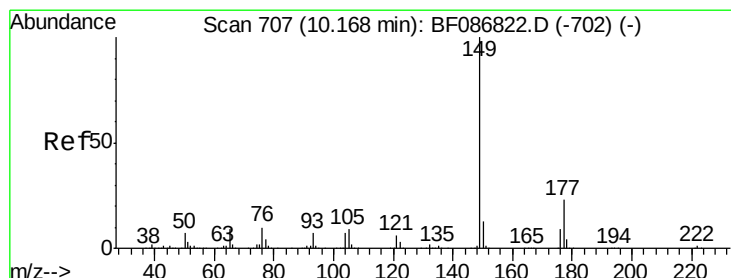
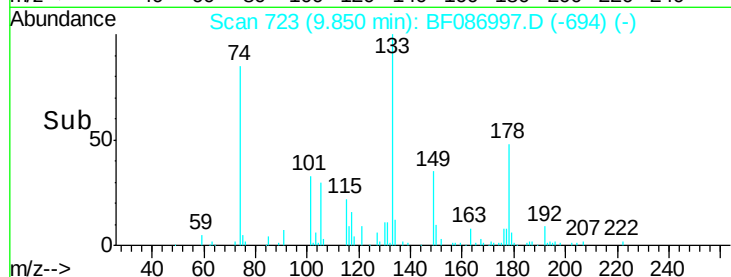
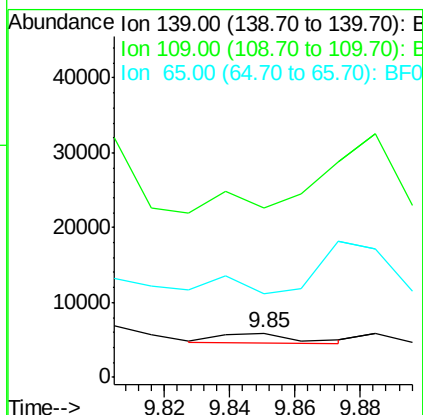
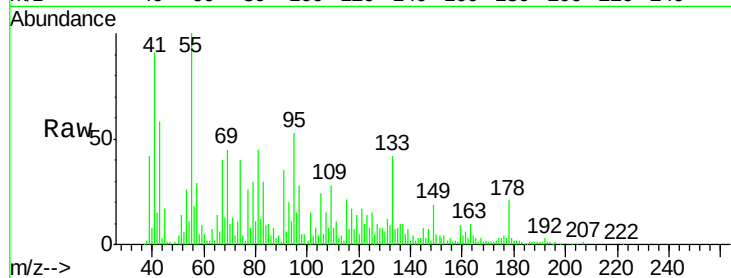
Tgt Ion:139 Resp: 2220

Ion Ratio Lower Upper

139 100

109 386.6 36.9 76.9#

65 189.7 64.0 104.0#



#59

Diethylphthalate

Concen: 2.35 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF086997.D

Acq: 14 May 2016 4:09

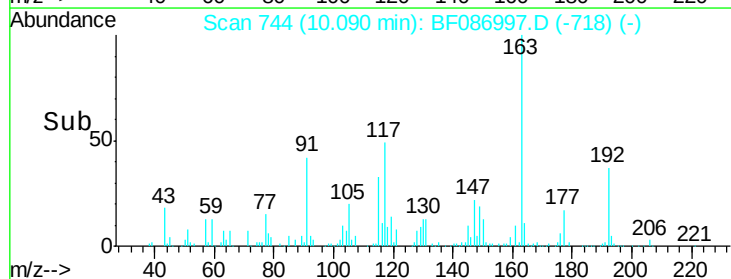
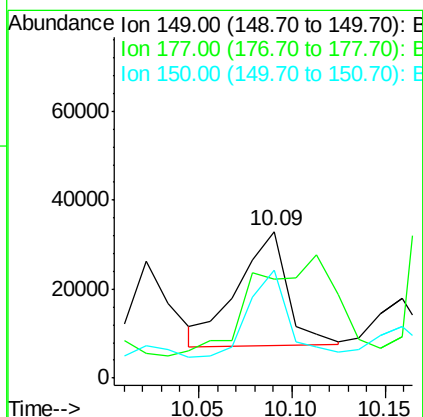
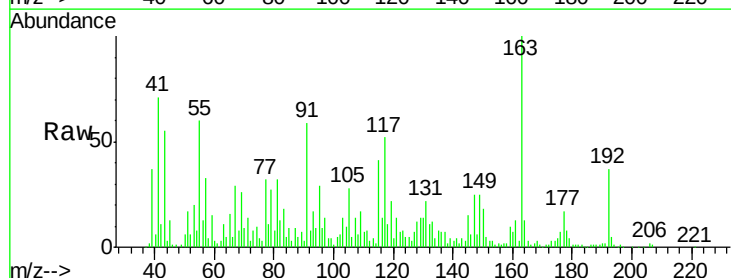
Tgt Ion:149 Resp: 47899

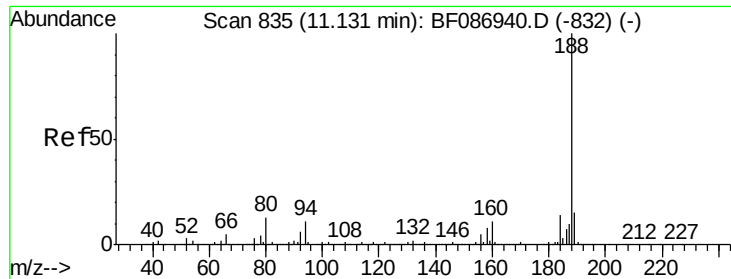
Ion Ratio Lower Upper

149 100

177 67.8 16.6 24.8#

150 73.7 10.0 15.0#

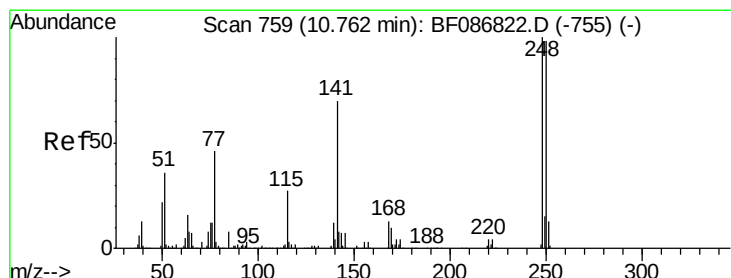
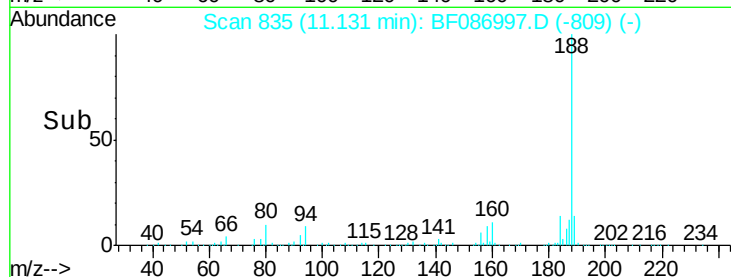
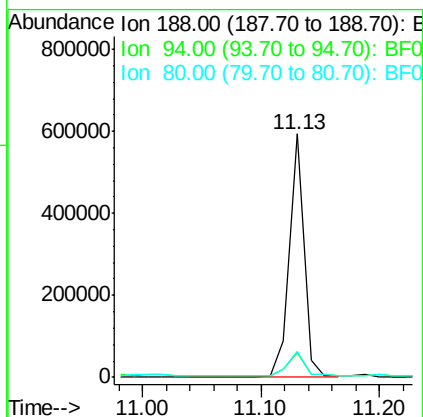
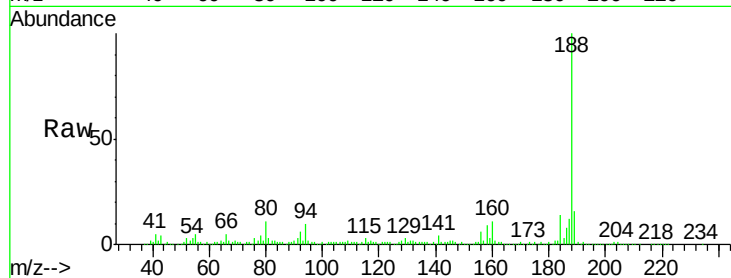




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF086997.D
Acq: 14 May 2016 4:09

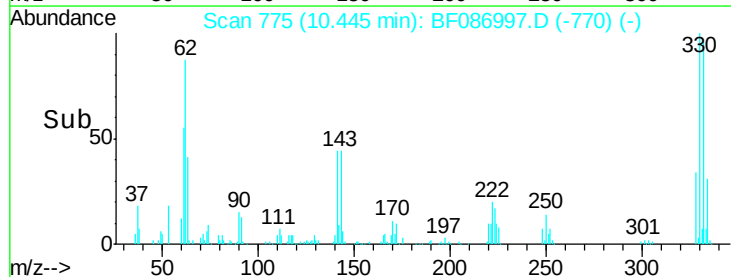
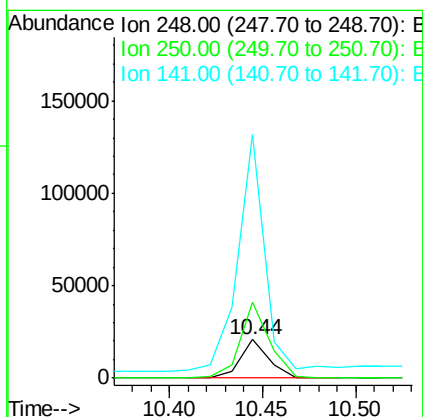
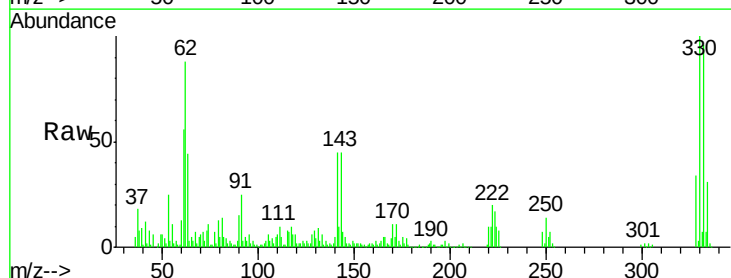
Instrument :
BNA_F
ClientSampleId :
MW-28

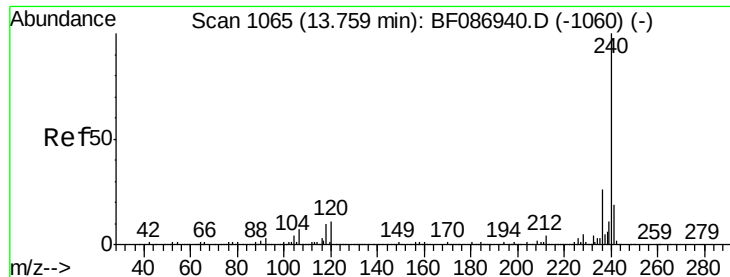
Tgt Ion:188 Resp: 502410
Ion Ratio Lower Upper
188 100
94 10.1 6.8 10.2
80 10.9 7.1 10.7#



#66
4-Bromophenyl-phenylether
Concen: 4.35 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.24 min
Lab File: BF086997.D
Acq: 14 May 2016 4:09

Tgt Ion:248 Resp: 22157
Ion Ratio Lower Upper
248 100
250 198.0 78.6 117.8#
141 633.0 76.0 114.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF086997.D

Acq: 14 May 2016 4:09

Instrument :

BNA_F

ClientSampled :

MW-28

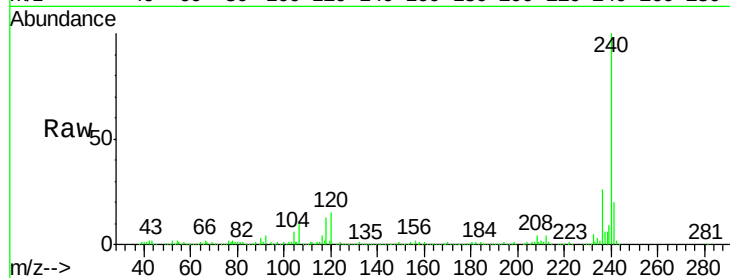
Tgt Ion:240 Resp: 396369

Ion Ratio Lower Upper

240 100

120 15.0 11.2 16.8

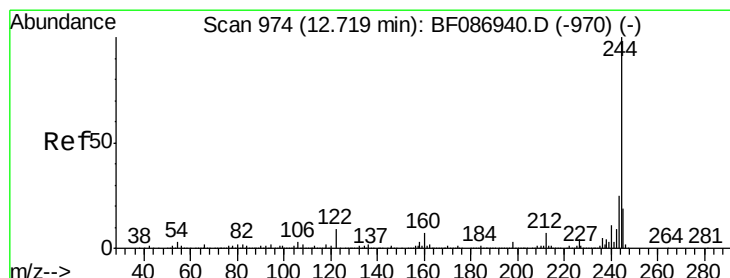
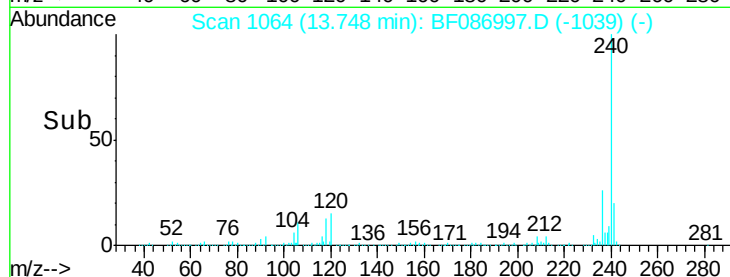
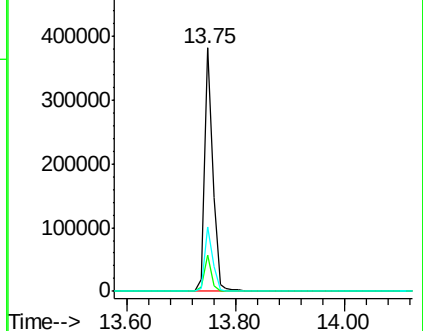
236 26.3 21.2 31.8



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



#78

Terphenyl-d14

Concen: 83.76 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF086997.D

Acq: 14 May 2016 4:09

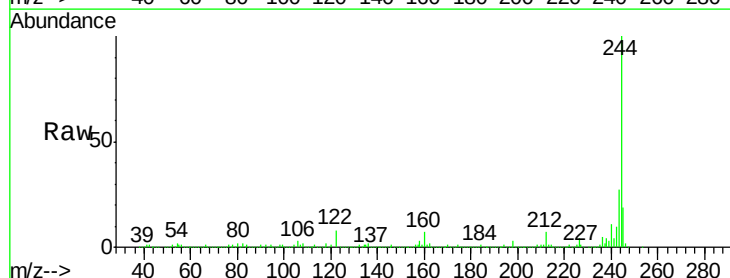
Tgt Ion:244 Resp: 1564710

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

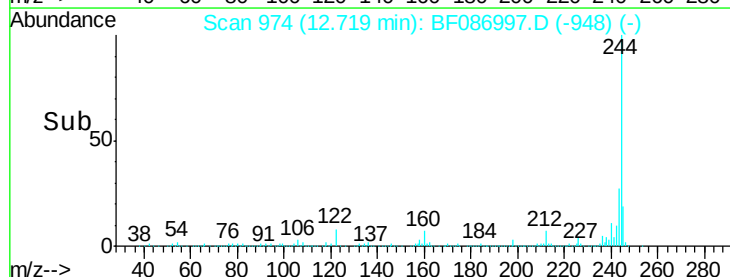
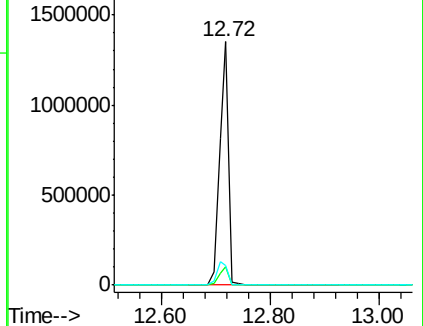
122 7.8 12.0 18.0#

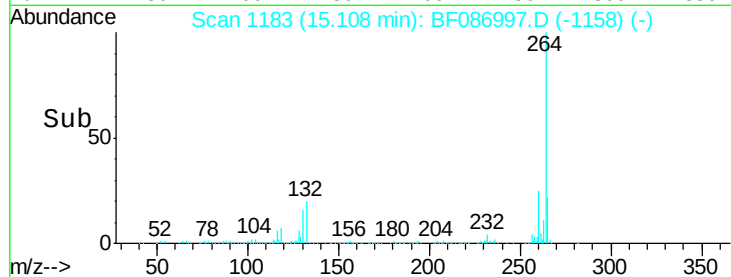
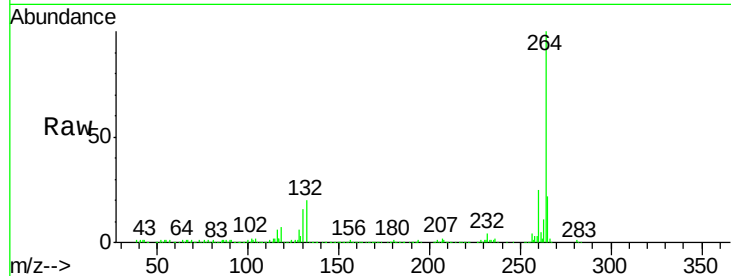
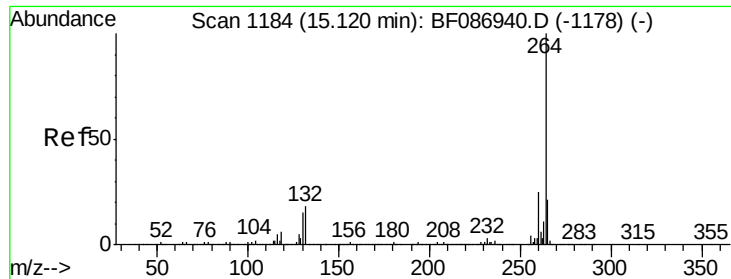


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.11 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF086997.D

Acq: 14 May 2016 4:09

Instrument :

BNA_F

ClientSampleId :

MW-28

Tgt Ion: 264 Resp: 305964

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 22.4 17.3 25.9

