

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
 Data File : BF087013.D
 Acq On : 14 May 2016 11:51
 Operator : UM/SJ
 Sample : H2947-11
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Quant Time: May 16 01:05:03 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

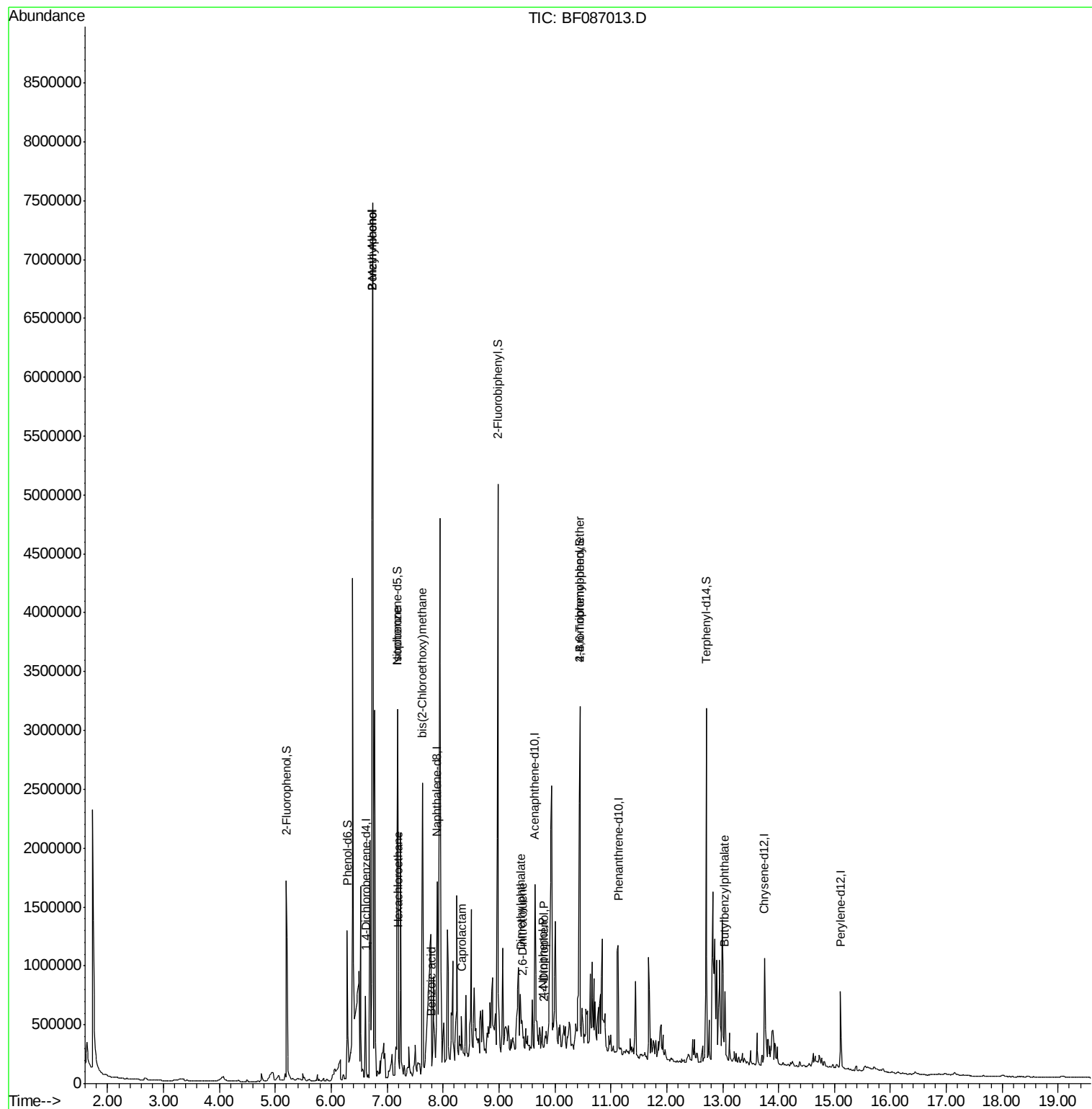
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	139898	20.00	ng	-0.08
21) Naphthalene-d8	7.90	136	539104	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	254249	20.00	ng	-0.09
63) Phenanthrene-d10	11.13	188	479136	20.00	ng	-0.08
75) Chrysene-d12	13.75	240	312378	20.00	ng	-0.09
86) Perylene-d12	15.11	264	270347	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	572190	69.27	ng	-0.09
7) Phenol-d6	6.28	99	485935	44.01	ng	-0.08
23) Nitrobenzene-d5	7.19	82	959476	89.37	ng	-0.08
41) 2,4,6-Tribromophenol	10.44	330	446718	165.96	ng	-0.08
44) 2-Fluorobiphenyl	8.98	172	1485055	98.17	ng	-0.08
78) Terphenyl-d14	12.71	244	954148	64.81	ng	-0.09
Target Compounds						
15) Benzyl Alcohol	6.74	79	605353	79.41	ng	# 53
17) 2-Methylphenol	6.74	107	259068	32.66	ng	# 1
18) Hexachloroethane	7.20	117	156295	37.76	ng	# 17
25) Isophorone	7.19	82	928148	46.59	ng	# 68
28) bis(2-Chloroethoxy)methane	7.63	93	134667	12.53	ng	# 84
32) Benzoic acid	7.79	122	14607	3.01	ng	# 89
35) Caprolactam	8.33	113	8265	3.34	ng	# 1
49) Dimethylphthalate	9.38	163	47740	2.46	ng	# 95
50) 2,6-Dinitrotoluene	9.42	165	10596	2.60	ng	# 37
53) 2,4-Dinitrophenol	9.80	184	1213	8.22	ng	# 61
55) 4-Nitrophenol	9.78	139	861	4.84	ng	# 1
60) 4-Chlorophenyl-phenylether	10.18	204	217	Below Cal		# 1
66) 4-Bromophenyl-phenylether	10.44	248	26954	5.55	ng	# 1
79) Butylbenzylphthalate	13.04	149	49306	4.87	ng	# 71

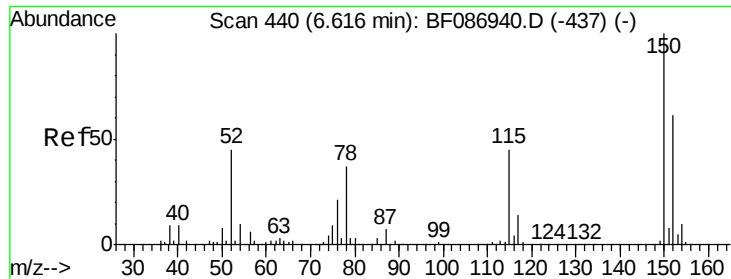
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
Data File : BF087013.D
Acq On : 14 May 2016 11:51
Operator : UM/SJ
Sample : H2947-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-20

Quant Time: May 16 01:05:03 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



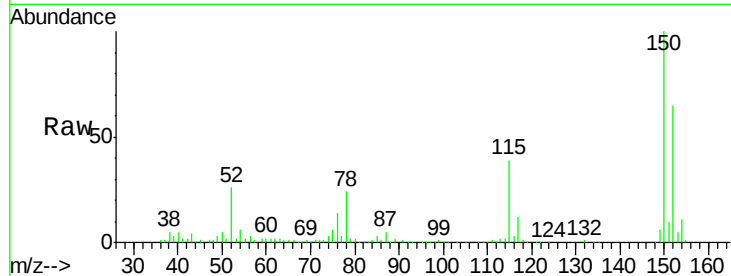


#1

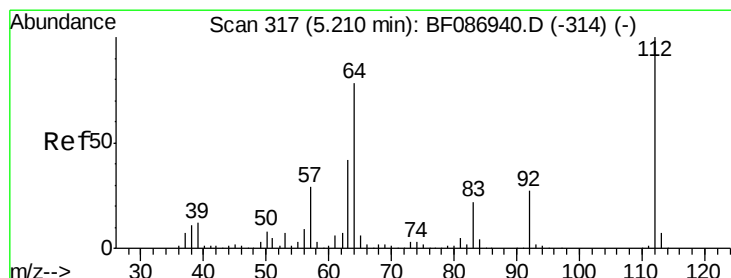
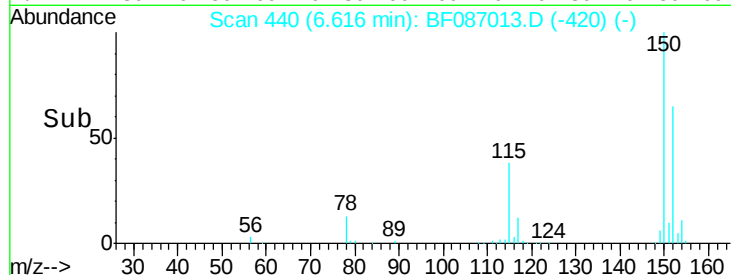
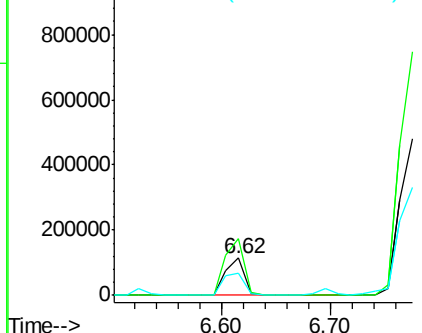
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.08 min
Lab File: BF087013.D
Acq: 14 May 2016 11:51

Instrument :
BNA_F
ClientSampled :
MW-20

Tgt Ion:152 Resp: 139898
Ion Ratio Lower Upper
152 100
150 153.7 125.8 188.6
115 59.2 51.5 77.3



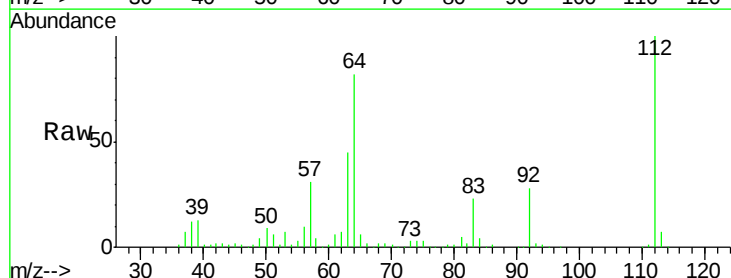
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



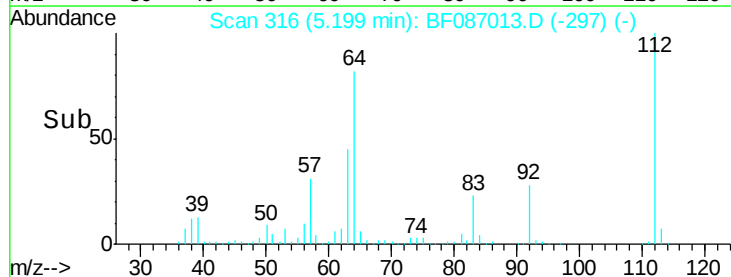
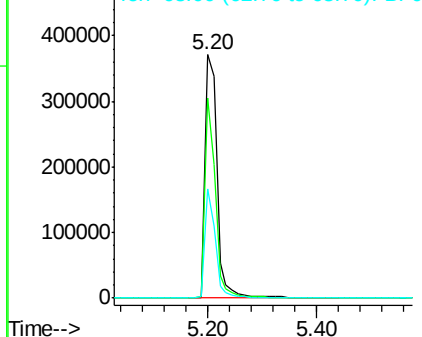
#5

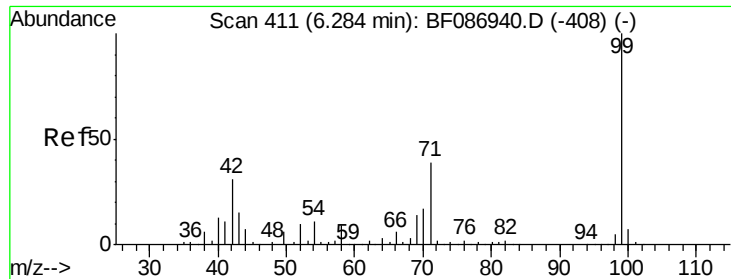
2-Fluorophenol
Concen: 69.27 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.09 min
Lab File: BF087013.D
Acq: 14 May 2016 11:51

Tgt Ion:112 Resp: 572190
Ion Ratio Lower Upper
112 100
64 82.0 52.1 78.1#
63 44.9 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: 44.01 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF087013.D

Acq: 14 May 2016 11:51

Instrument :

BNA_F

ClientSampleId :

MW-20

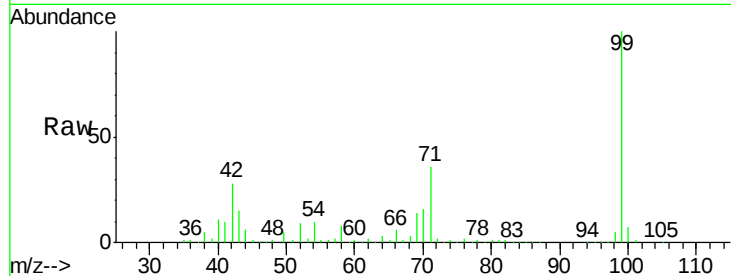
Tgt Ion: 99 Resp: 485935

Ion Ratio Lower Upper

99 100

42 27.9 13.6 20.4#

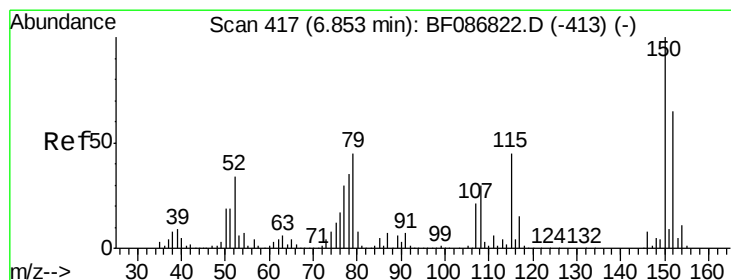
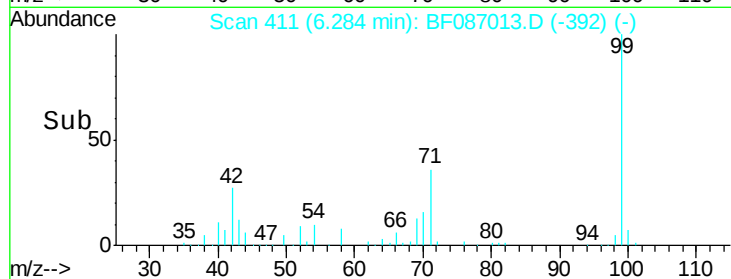
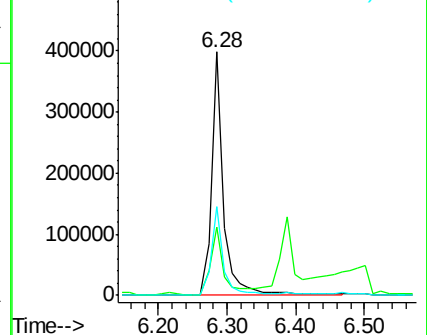
71 36.4 24.6 36.8



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: 79.41 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.11 min

Lab File: BF087013.D

Acq: 14 May 2016 11:51

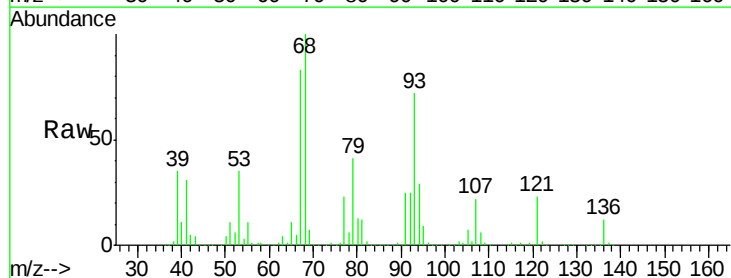
Tgt Ion: 79 Resp: 605353

Ion Ratio Lower Upper

79 100

108 15.4 68.4 102.6#

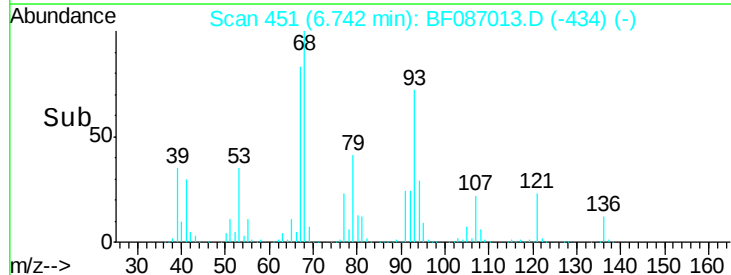
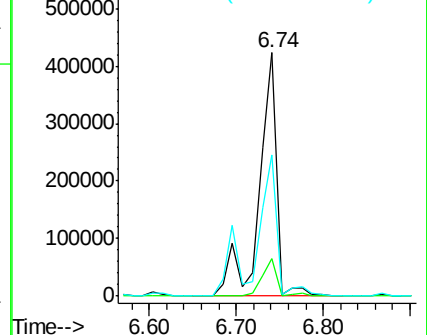
77 57.9 50.6 76.0

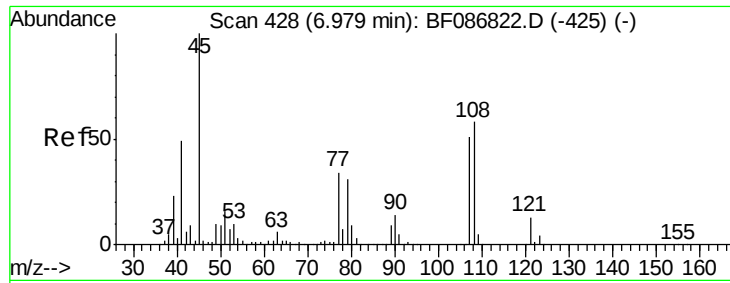


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

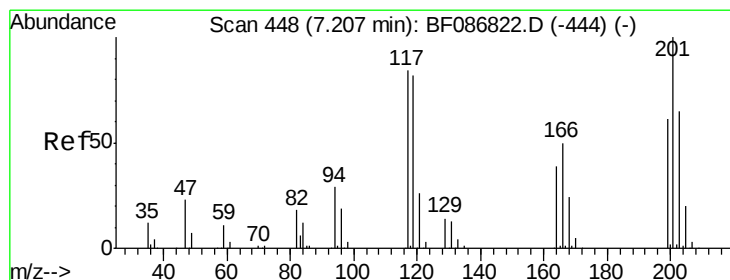
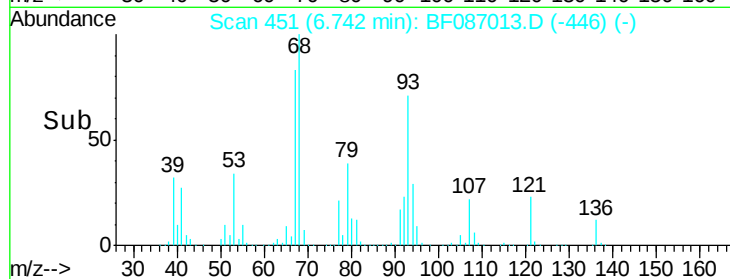
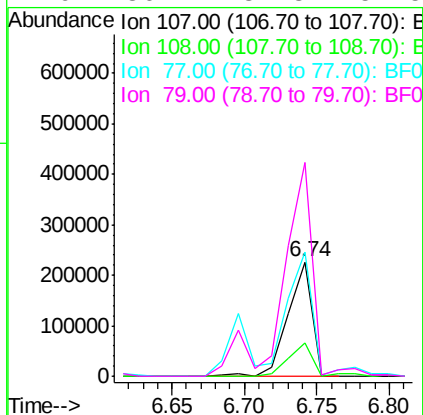
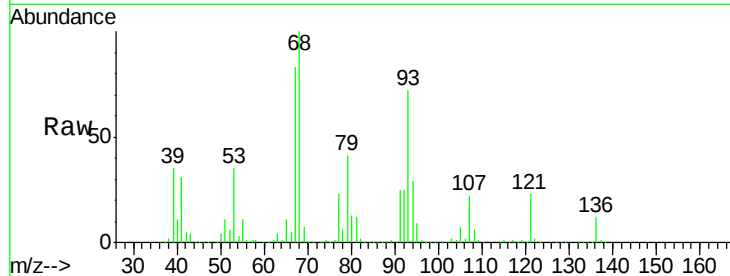




#17
2-Methylphenol
Concen: 32.66 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.24 min
Lab File: BF087013.D
Acq: 14 May 2016 11:51

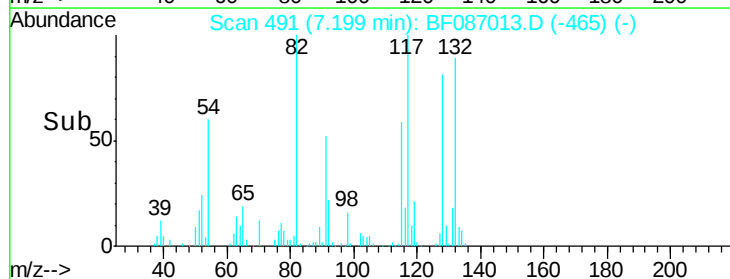
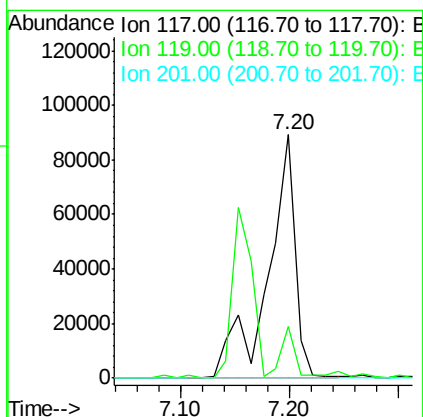
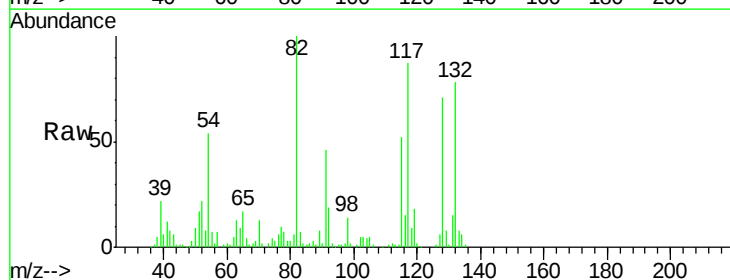
Instrument :
BNA_F
ClientSampleId :
MW-20

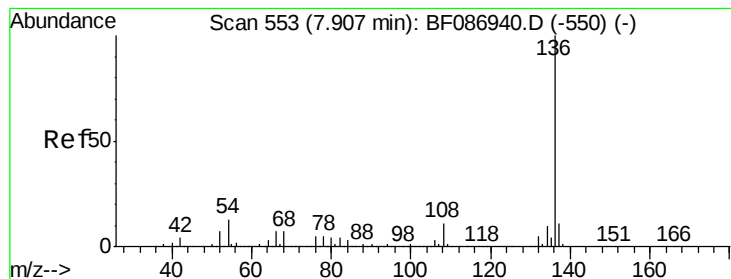
Tgt Ion	Ratio	Lower	Upper
107	100		
108	28.8	93.7	140.5#
77	108.0	33.4	50.0#
79	186.4	34.3	51.5#



#18
Hexachloroethane
Concen: 37.76 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF087013.D
Acq: 14 May 2016 11:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	21.1	76.5	114.7#
201	0.0	63.0	94.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.09 min

Lab File: BF087013.D

Acq: 14 May 2016 11:51

Instrument :

BNA_F

ClientSampleId :

MW-20

Tgt Ion: 136 Resp: 539104

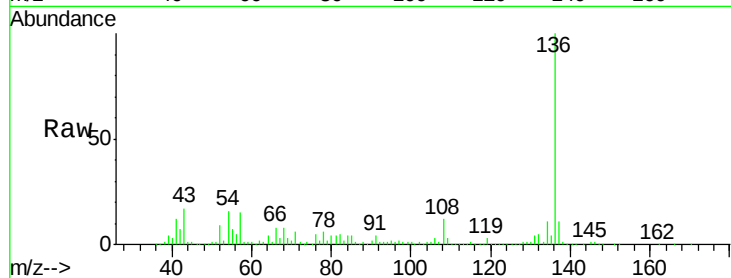
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 15.5 5.0 7.4#

68 8.2 4.4 6.6#

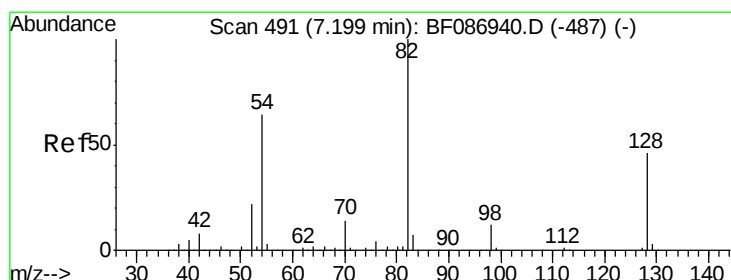
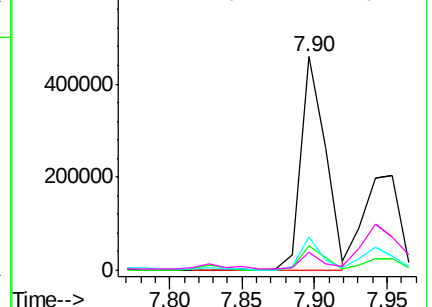
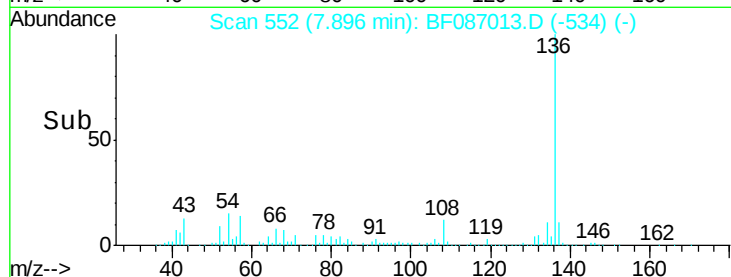


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.37 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.08 min

Lab File: BF087013.D

Acq: 14 May 2016 11:51

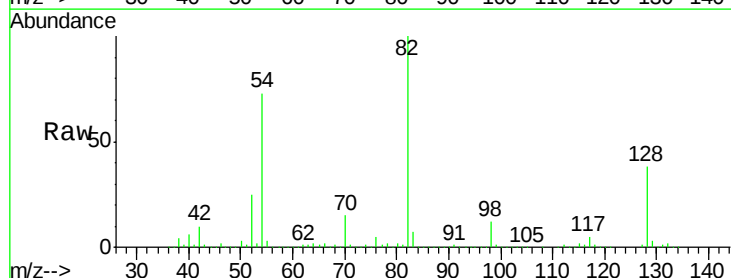
Tgt Ion: 82 Resp: 959476

Ion Ratio Lower Upper

82 100

128 38.2 40.6 61.0#

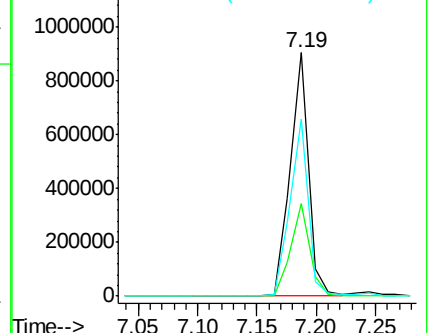
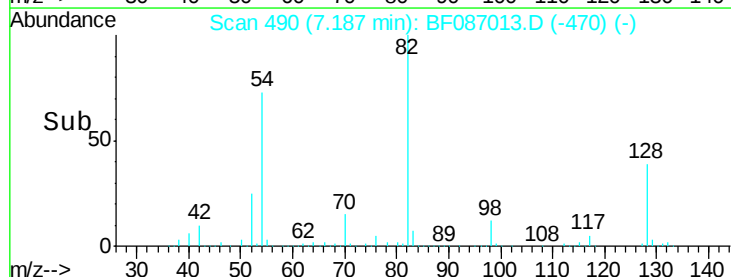
54 72.7 38.1 57.1#

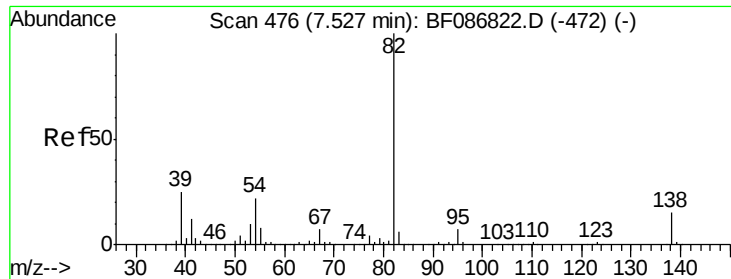


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 46.59 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.34 min

Lab File: BF087013.D

Acq: 14 May 2016 11:51

Instrument :

BNA_F

ClientSampleId :

MW-20

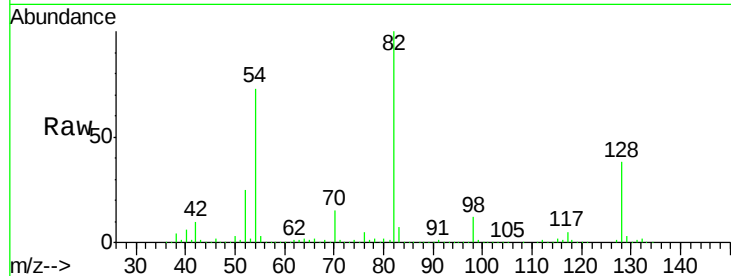
Tgt Ion: 82 Resp: 928148

Ion Ratio Lower Upper

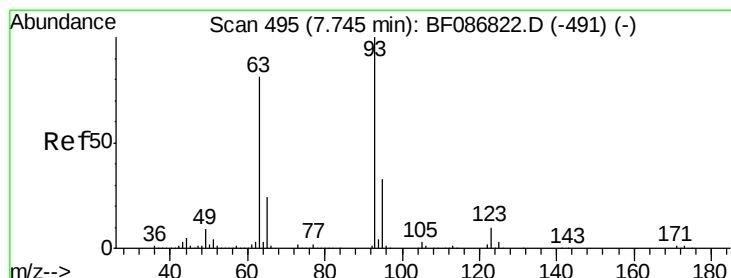
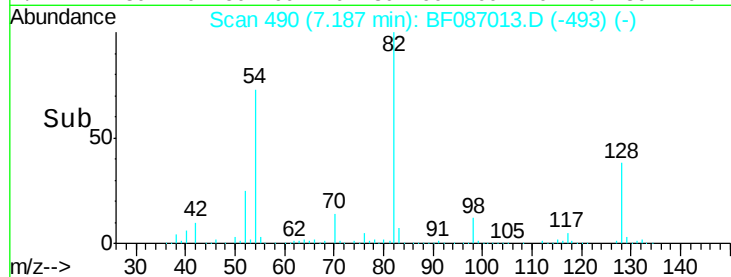
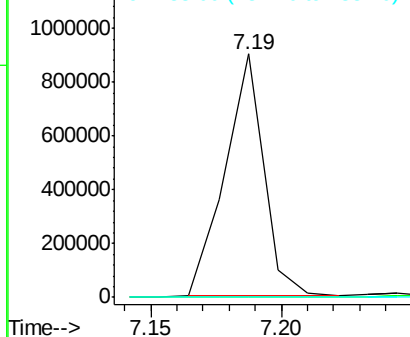
82 100

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): E



#28

bis(2-Chloroethoxy)methane

Concen: 12.53 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.11 min

Lab File: BF087013.D

Acq: 14 May 2016 11:51

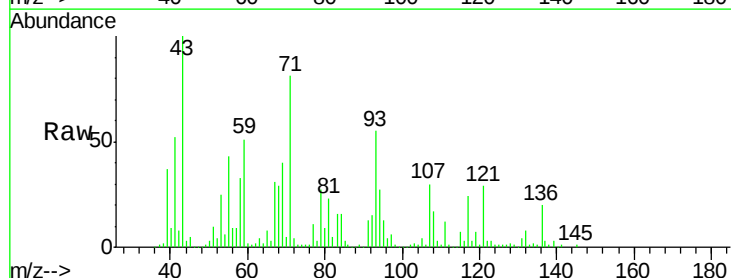
Tgt Ion: 93 Resp: 134667

Ion Ratio Lower Upper

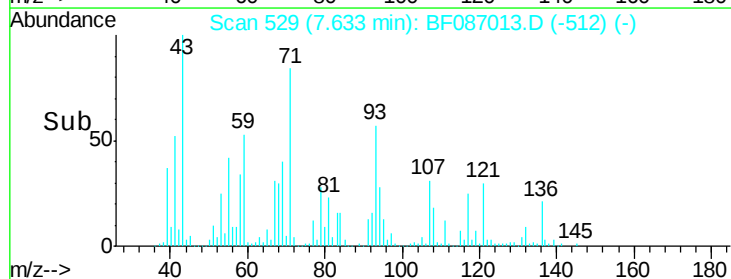
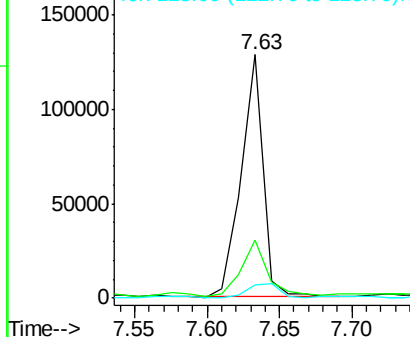
93 100

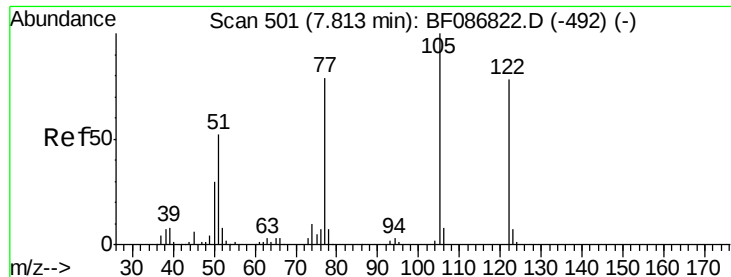
95 23.7 26.0 39.0#

123 5.7 9.5 14.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





#32

Benzoic acid

Concen: 3.01 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.02 min

Lab File: BF087013.D

Acq: 14 May 2016 11:51

Instrument :

BNA_F

ClientSampleId :

MW-20

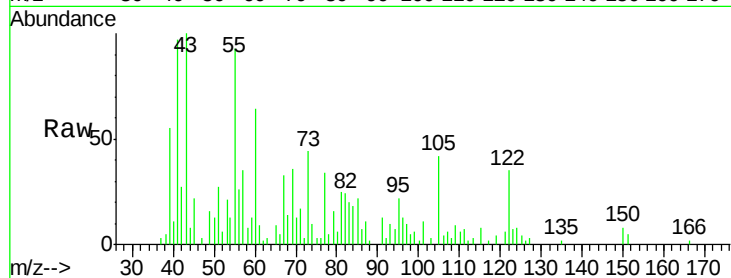
Tgt Ion:122 Resp: 14607

Ion Ratio Lower Upper

122 100

105 117.5 92.6 132.6

77 96.8 60.0 100.0

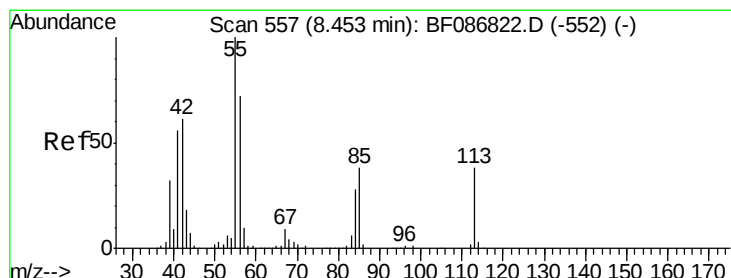
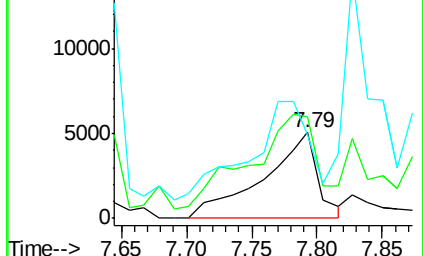
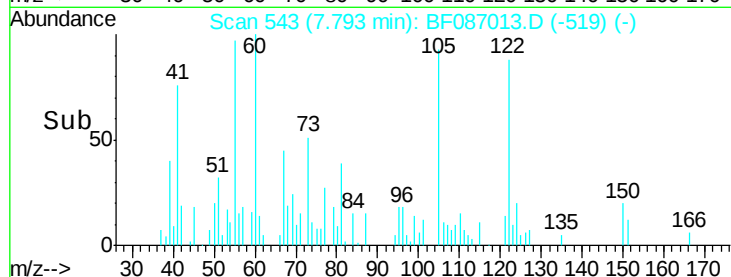


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

Time-->



#35

Caprolactam

Concen: 3.34 ng

RT: 8.33 min Scan# 590

Delta R.T. -0.12 min

Lab File: BF087013.D

Acq: 14 May 2016 11:51

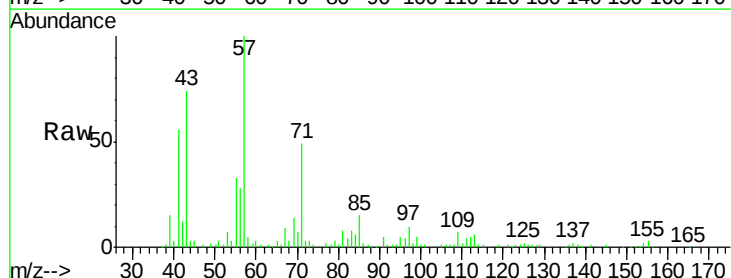
Tgt Ion:113 Resp: 8265

Ion Ratio Lower Upper

113 100

55 600.2 162.0 202.0#

56 506.2 115.3 155.3#

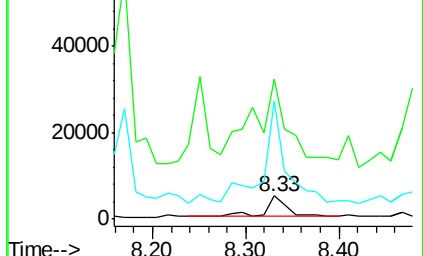
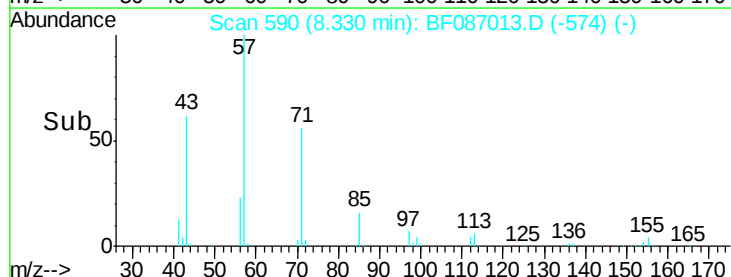


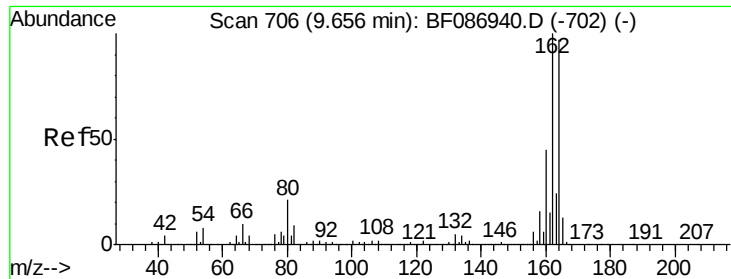
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.09 min

Lab File: BF087013.D

Acq: 14 May 2016 11:51

Instrument :

BNA_F

ClientSampleId :

MW-20

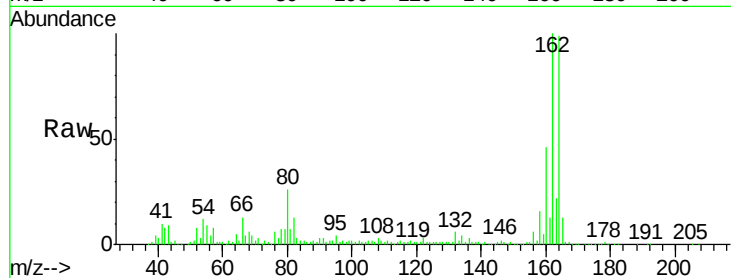
Tgt Ion:164 Resp: 254249

Ion Ratio Lower Upper

164 100

162 101.4 82.8 124.2

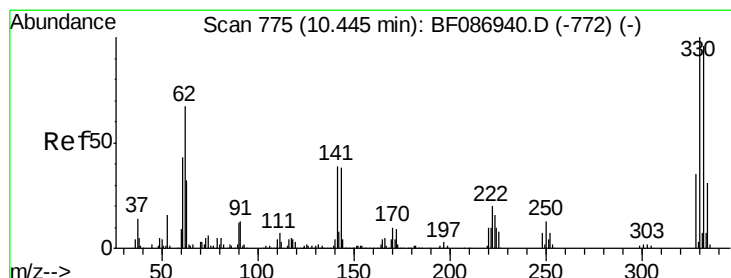
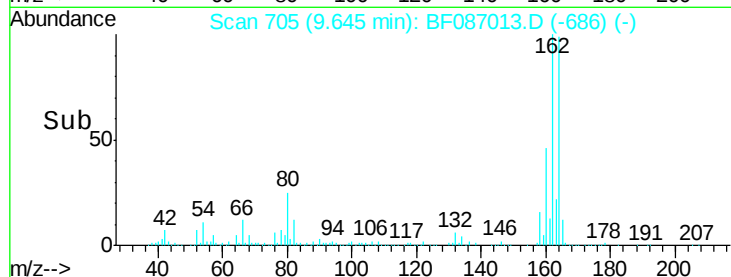
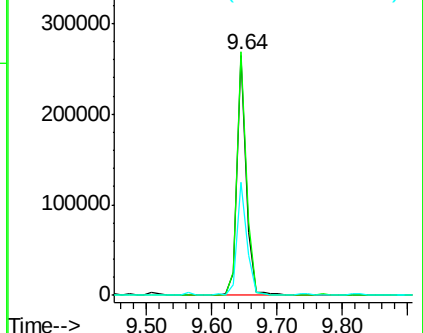
160 47.1 36.9 55.3



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: 165.96 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.08 min

Lab File: BF087013.D

Acq: 14 May 2016 11:51

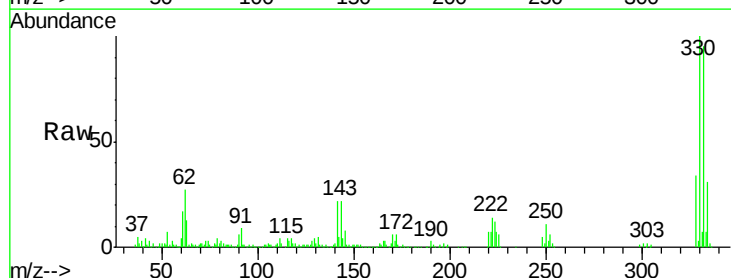
Tgt Ion:330 Resp: 446718

Ion Ratio Lower Upper

330 100

332 95.6 79.0 118.4

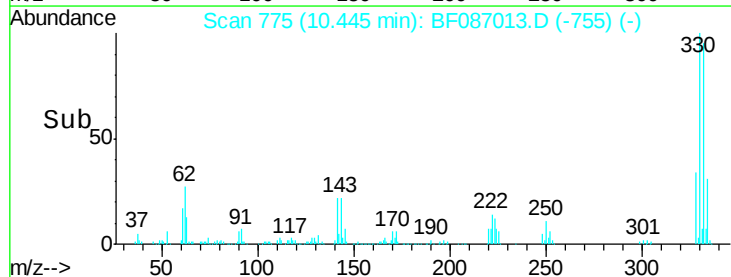
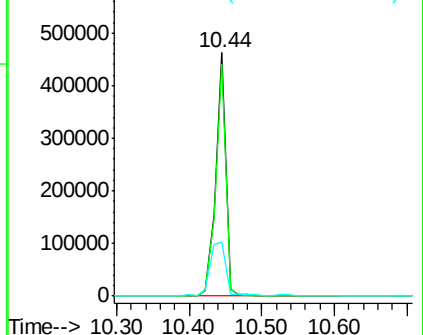
141 33.7 31.2 46.8

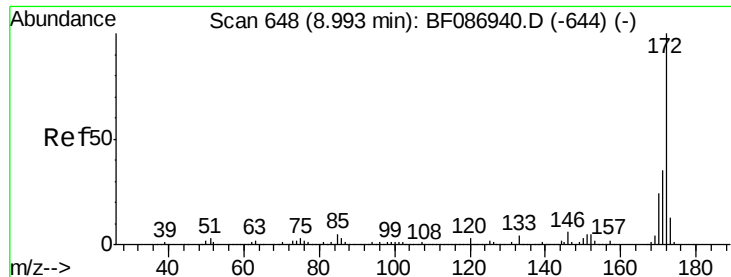


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

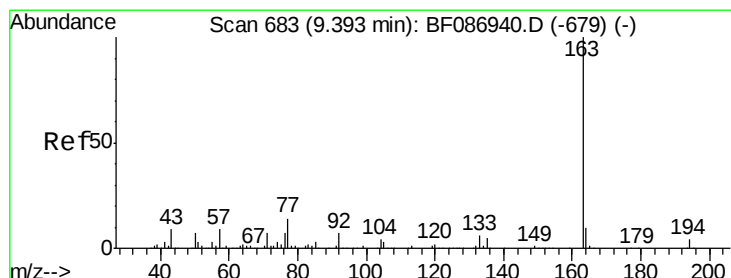
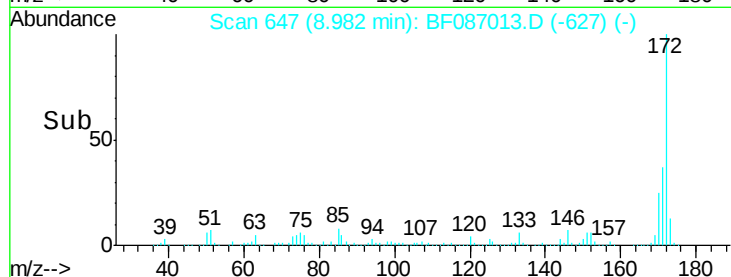
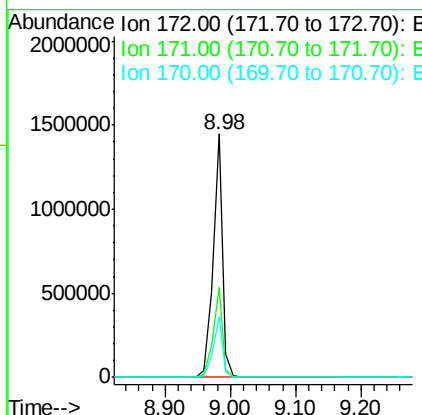
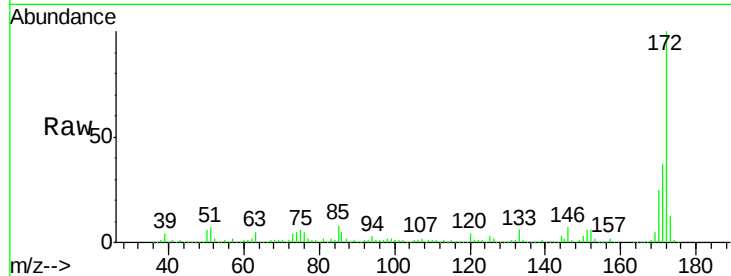




#44
 2-Fluorobiphenyl
 Concen: 98.17 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF087013.D
 Acq: 14 May 2016 11:51

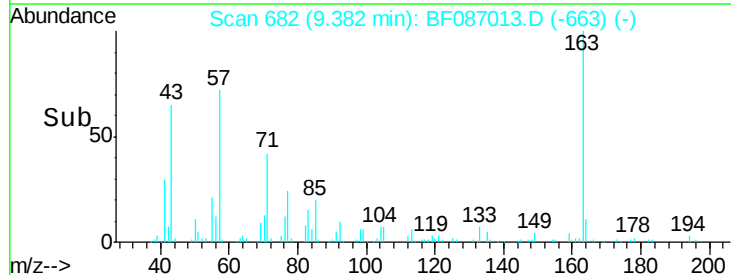
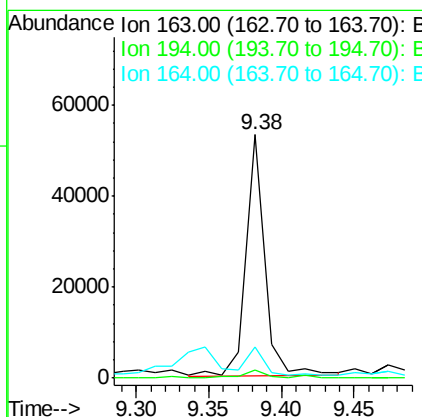
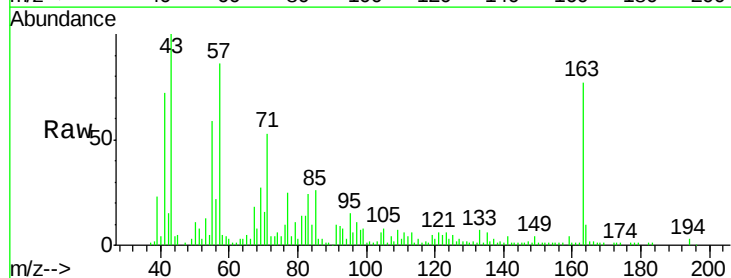
Instrument :
 BNA_F
 ClientSampleId :
 MW-20

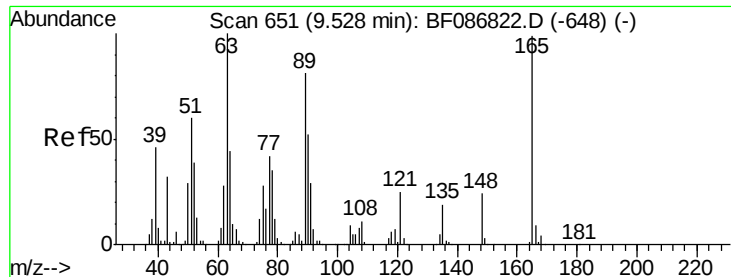
Tgt Ion:172 Resp: 1485055
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.0 43.6
 170 24.7 19.8 29.8



#49
 Dimethylphthalate
 Concen: 2.46 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.09 min
 Lab File: BF087013.D
 Acq: 14 May 2016 11:51

Tgt Ion:163 Resp: 47740
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 12.6 8.2 12.4#

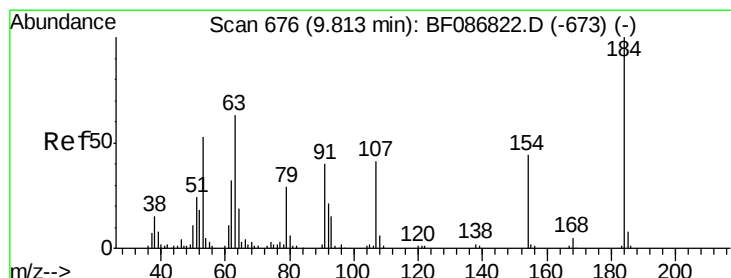
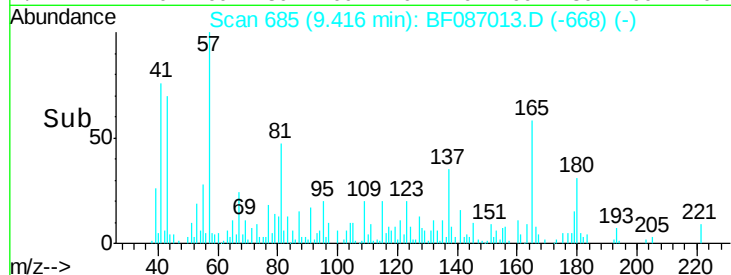
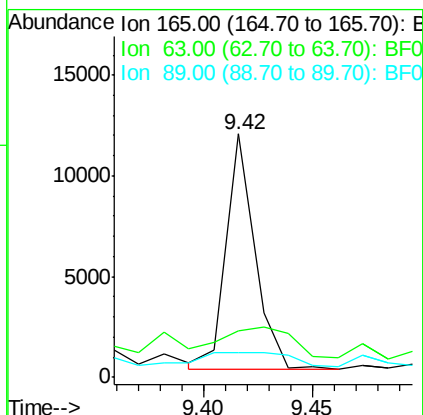
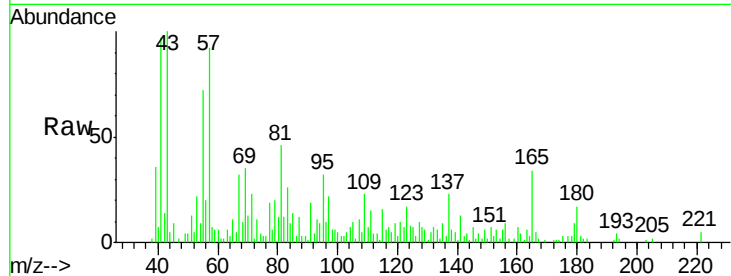




#50
 2,6-Dinitrotoluene
 Concen: 2.60 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.11 min
 Lab File: BF087013.D
 Acq: 14 May 2016 11:51

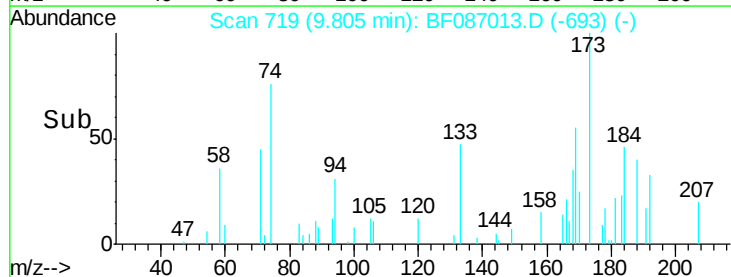
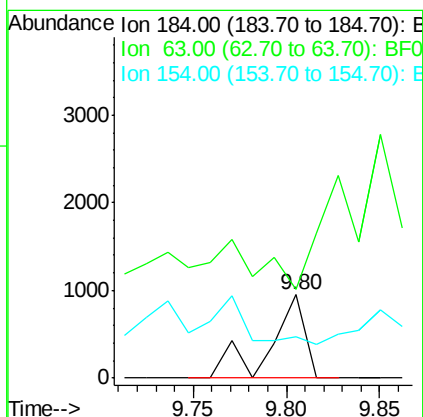
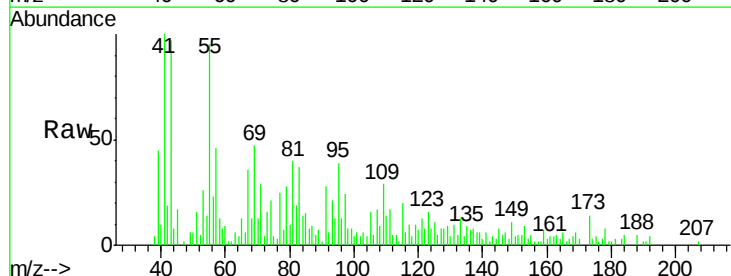
Instrument :
 BNA_F
 ClientSampleId :
 MW-20

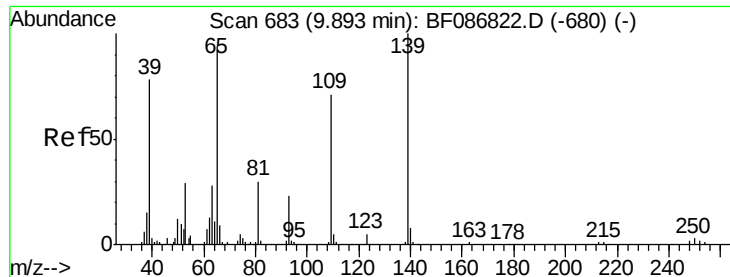
Tgt Ion:165 Resp: 10596
 Ion Ratio Lower Upper
 165 100
 63 19.0 51.8 77.8#
 89 10.3 50.7 76.1#



#53
 2,4-Dinitrophenol
 Concen: 8.22 ng
 RT: 9.80 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BF087013.D
 Acq: 14 May 2016 11:51

Tgt Ion:184 Resp: 1213
 Ion Ratio Lower Upper
 184 100
 63 107.4 55.8 83.8#
 154 49.1 62.4 93.6#

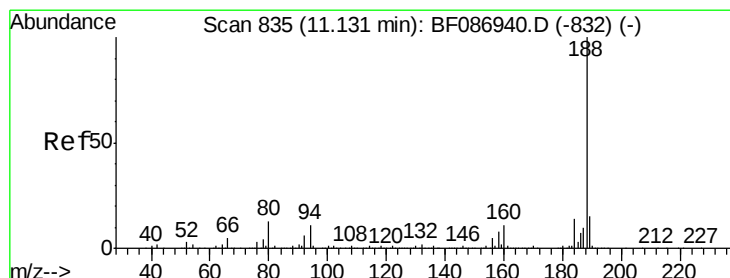
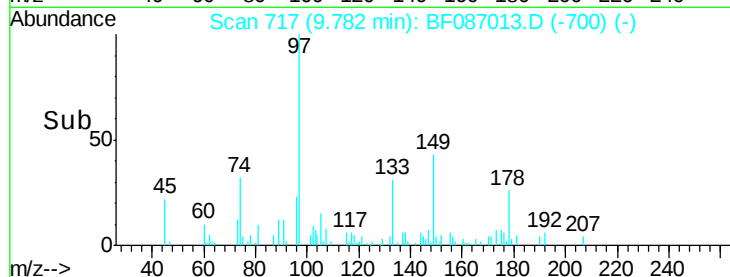
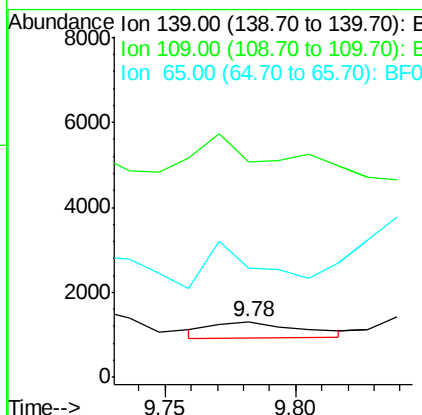
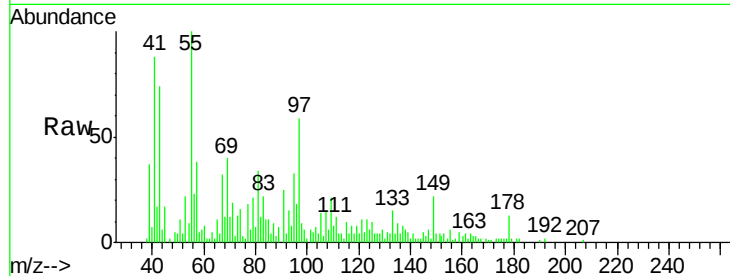




#55
4-Nitrophenol
Concen: 4.84 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.11 min
Lab File: BF087013.D
Acq: 14 May 2016 11:51

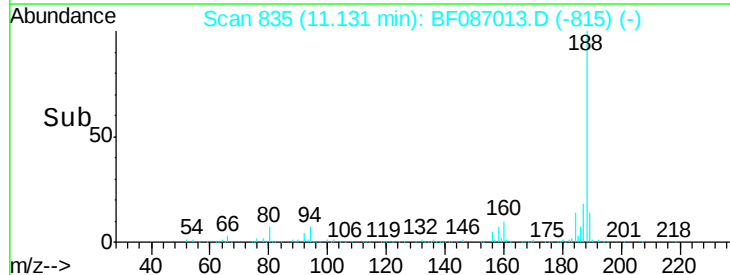
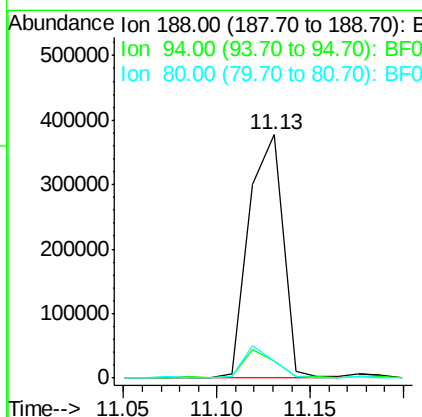
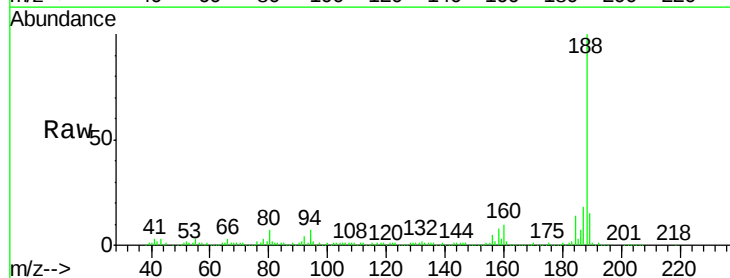
Instrument :
BNA_F
ClientSampleId :
MW-20

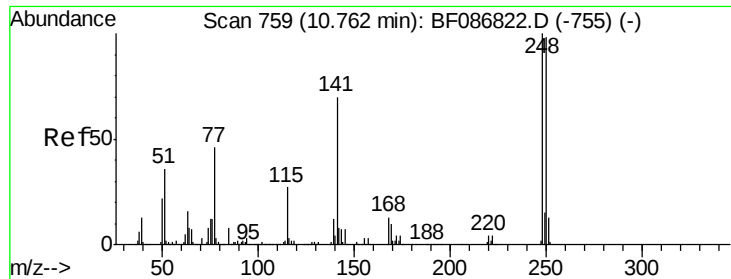
Tgt Ion:139 Resp: 861
Ion Ratio Lower Upper
139 100
109 386.0 36.9 76.9#
65 194.9 64.0 104.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.08 min
Lab File: BF087013.D
Acq: 14 May 2016 11:51

Tgt Ion:188 Resp: 479136
Ion Ratio Lower Upper
188 100
94 6.9 6.8 10.2
80 7.0 7.1 10.7#

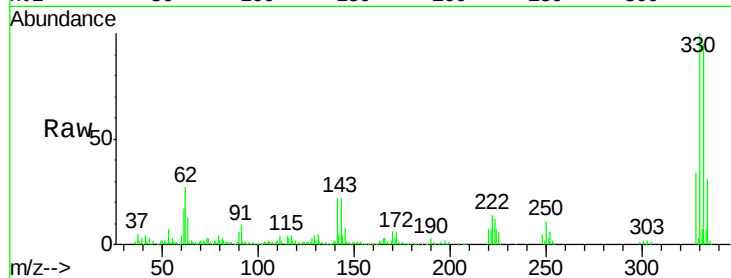




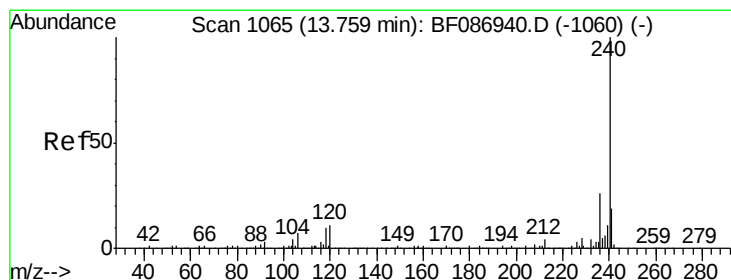
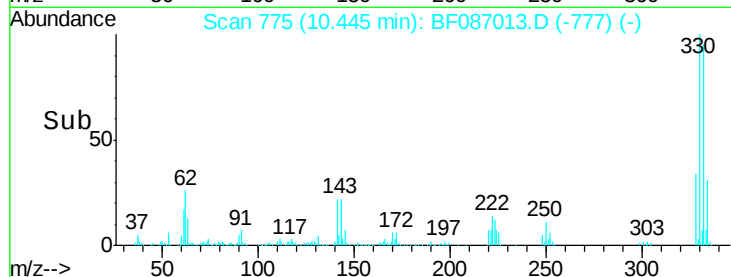
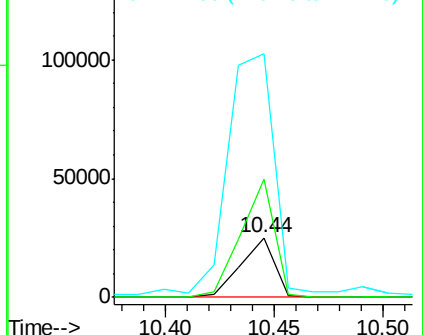
#66
4-Bromophenyl-phenylether
Concen: 5.55 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.32 min
Lab File: BF087013.D
Acq: 14 May 2016 11:51

Instrument :
BNA_F
ClientSampled :
MW-20

Tgt Ion:248 Resp: 26954
Ion Ratio Lower Upper
248 100
250 198.8 78.6 117.8#
141 407.5 76.0 114.0#

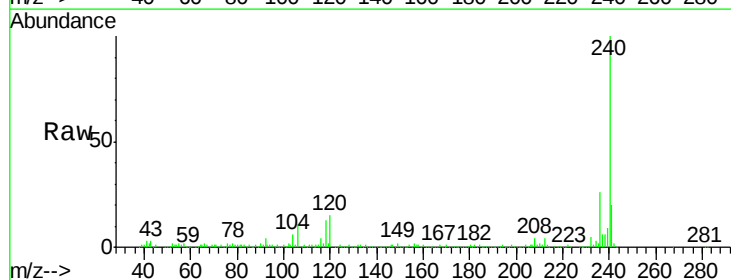


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

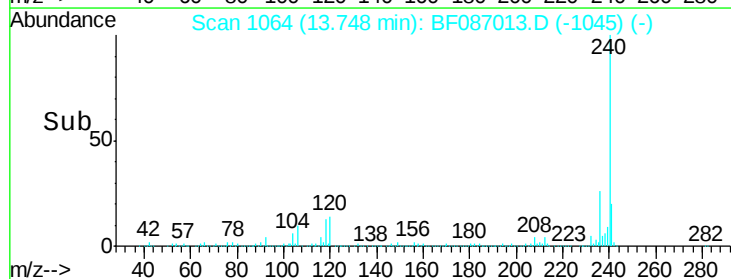
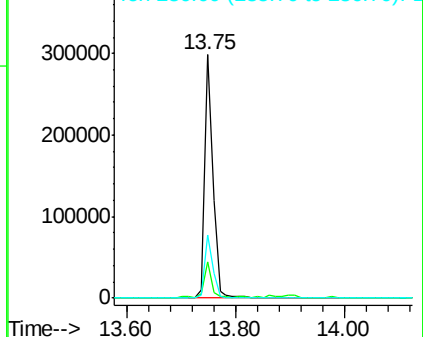


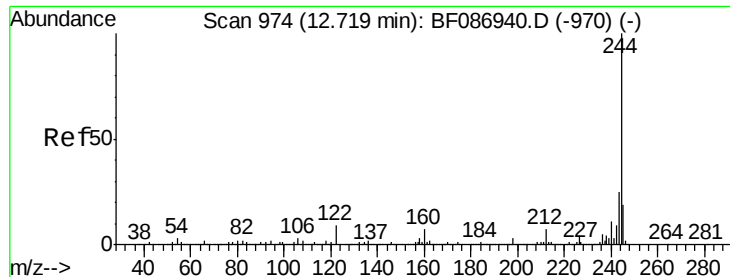
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.09 min
Lab File: BF087013.D
Acq: 14 May 2016 11:51

Tgt Ion:240 Resp: 312378
Ion Ratio Lower Upper
240 100
120 14.7 11.2 16.8
236 26.0 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: 64.81 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF087013.D

Acq: 14 May 2016 11:51

Instrument :

BNA_F

ClientSampleId :

MW-20

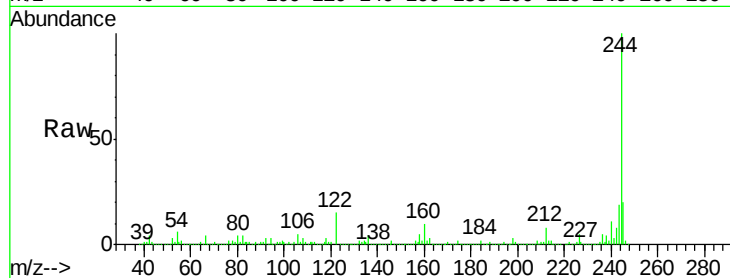
Tgt Ion:244 Resp: 954148

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

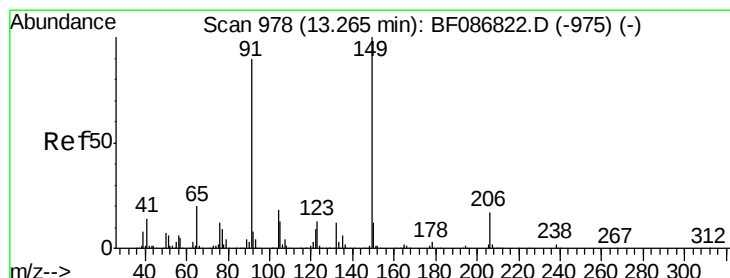
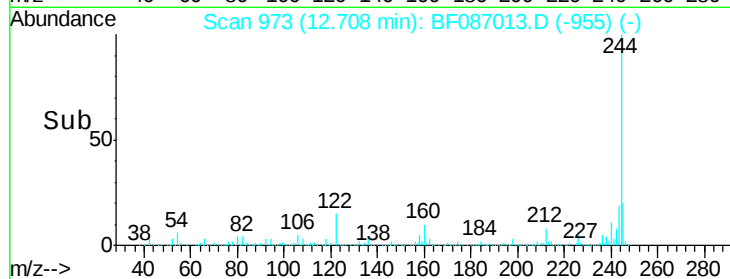
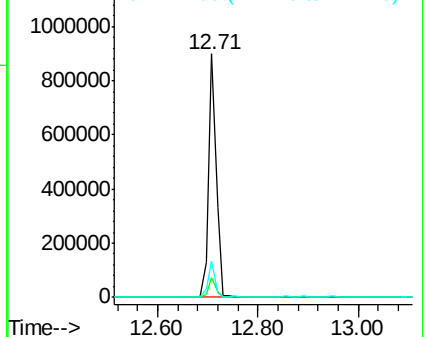
122 14.8 12.0 18.0



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



#79

Butylbenzylphthalate

Concen: 4.87 ng

RT: 13.04 min Scan# 1002

Delta R.T. -0.23 min

Lab File: BF087013.D

Acq: 14 May 2016 11:51

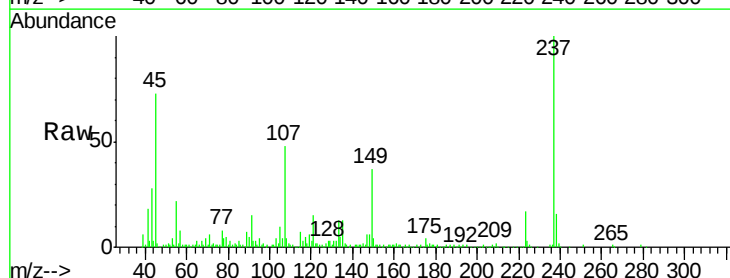
Tgt Ion:149 Resp: 49306

Ion Ratio Lower Upper

149 100

91 40.9 48.0 72.0#

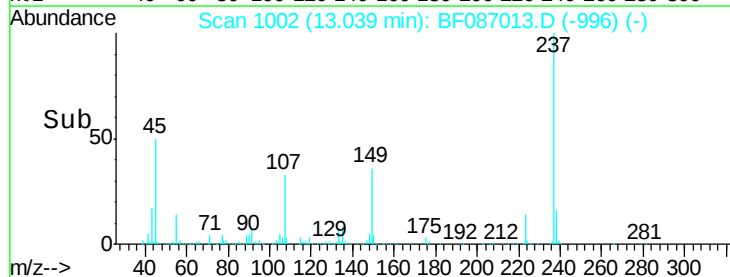
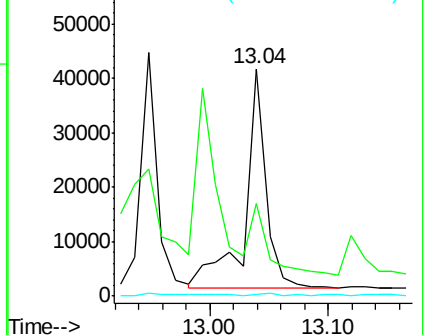
206 1.0 15.8 23.6#

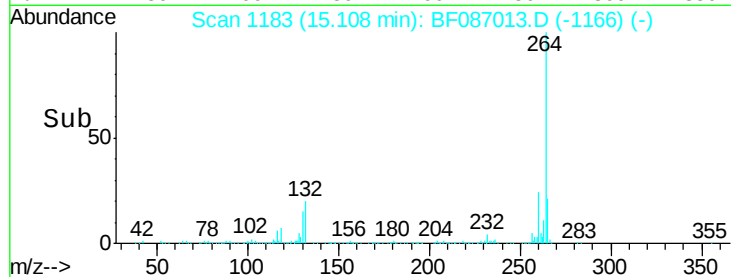
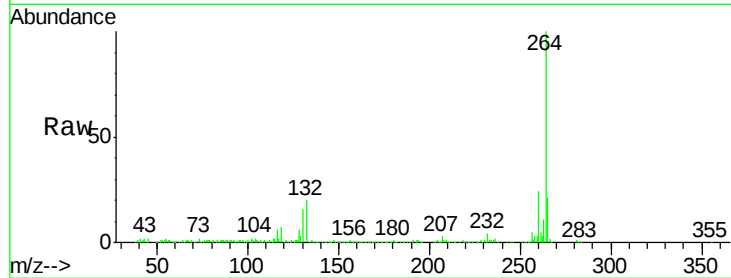
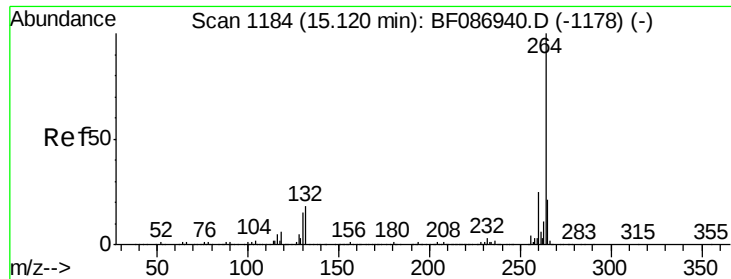


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.11 min Scan# 1183

Delta R.T. -0.10 min

Lab File: BF087013.D

Acq: 14 May 2016 11:51

Instrument :

BNA_F

ClientSampleId :

MW-20

Tgt Ion: 264 Resp: 270347

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.4 17.3 25.9

