

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
 Data File : BF087012.D
 Acq On : 14 May 2016 11:22
 Operator : UM/SJ
 Sample : H2947-10
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-30

Quant Time: May 16 01:04:49 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

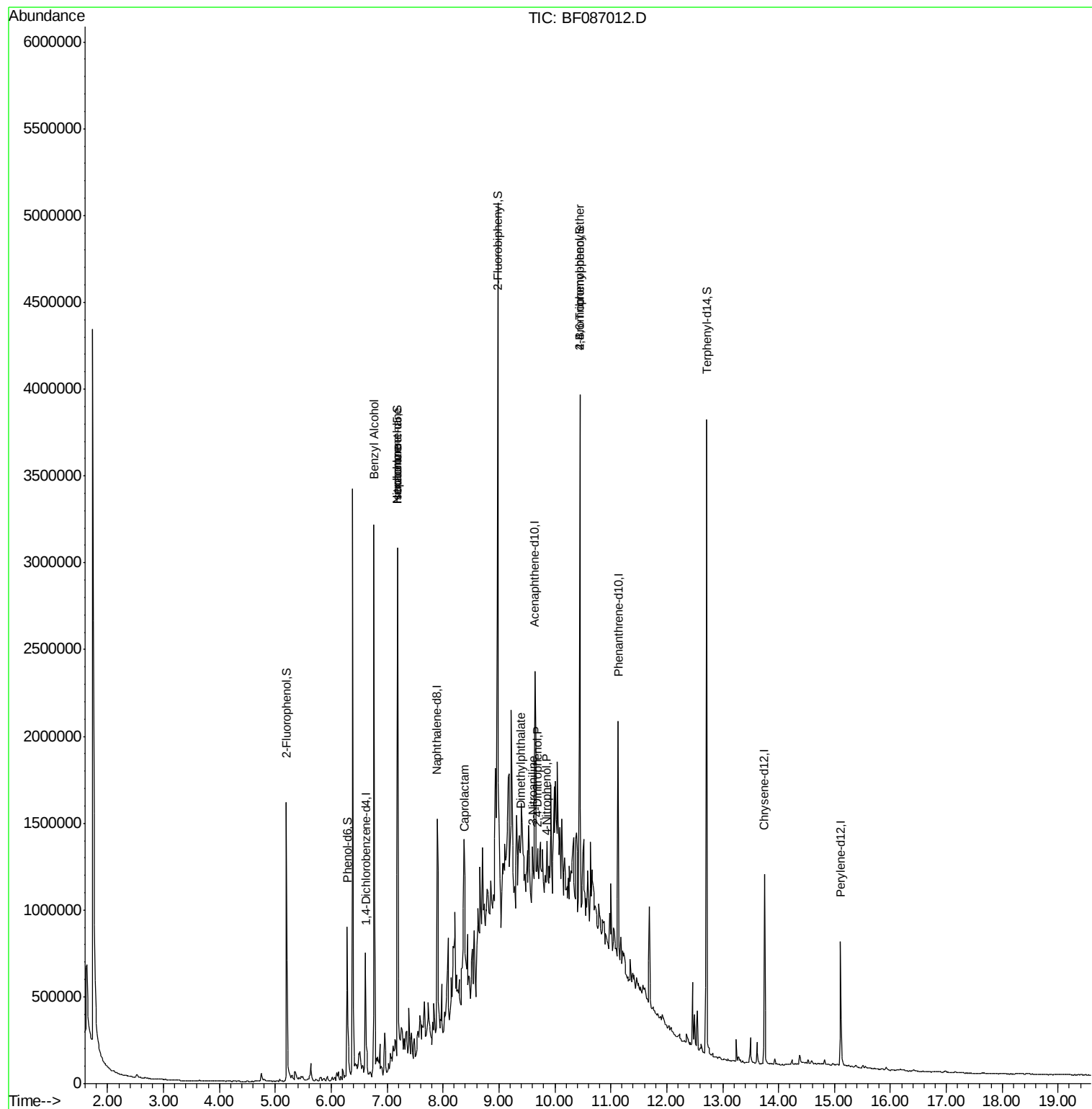
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	129761	20.00	ng	-0.08
21) Naphthalene-d8	7.90	136	505247	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	234894	20.00	ng	-0.09
63) Phenanthrene-d10	11.13	188	472169	20.00	ng	-0.08
75) Chrysene-d12	13.75	240	358555	20.00	ng	-0.09
86) Perylene-d12	15.11	264	293909	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	468513	61.15	ng	-0.09
7) Phenol-d6	6.28	99	408545	39.90	ng	-0.08
23) Nitrobenzene-d5	7.19	82	933262	92.75	ng	-0.08
41) 2,4,6-Tribromophenol	10.44	330	331578	133.34	ng	-0.08
44) 2-Fluorobiphenyl	8.98	172	1364694	97.64	ng	-0.08
78) Terphenyl-d14	12.72	244	1547160	91.55	ng	-0.08
Target Compounds						
15) Benzyl Alcohol	6.76	79	18173	2.57	ng	# 41
18) Hexachloroethane	7.19	117	67508	17.58	ng	# 16
25) Isophorone	7.19	82	901895	48.31	ng	# 68
35) Caprolactam	8.39	113	4711	2.03	ng	# 1
49) Dimethylphthalate	9.38	163	45507	2.54	ng	# 59
52) 3-Nitroaniline	9.61	138	10224	2.58	ng	# 12
53) 2,4-Dinitrophenol	9.68	184	210	7.79	ng	# 1
55) 4-Nitrophenol	9.85	139	6620	6.92	ng	# 1
60) 4-Chlorophenyl-phenylether	10.18	204	2542	Below Cal		# 12
66) 4-Bromophenyl-phenylether	10.44	248	20935	4.37	ng	# 1

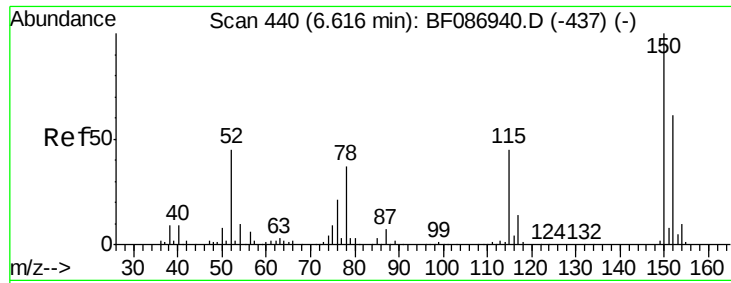
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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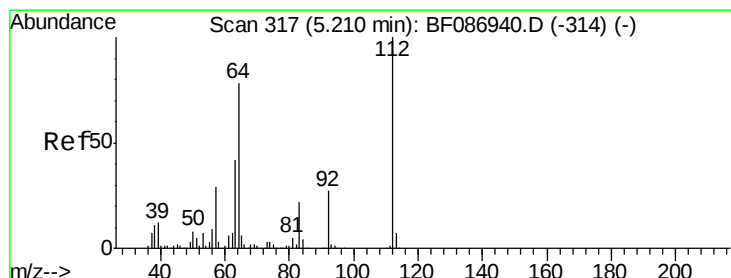
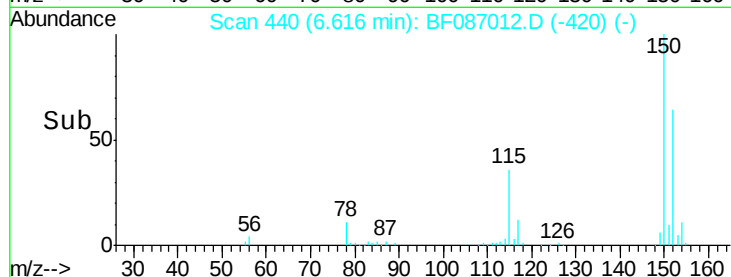
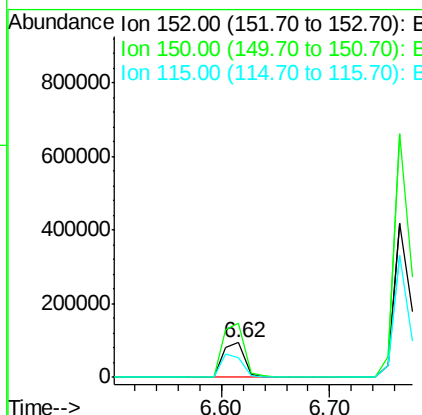
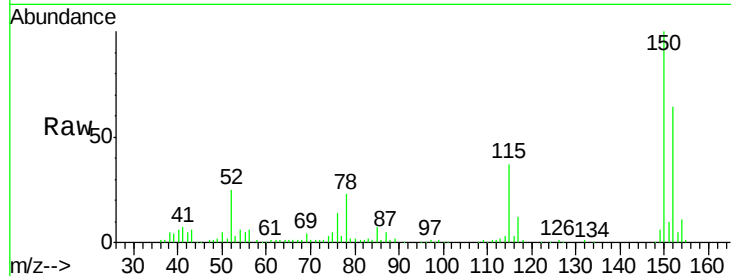




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.62 min Scan# 440
 Delta R.T. -0.08 min
 Lab File: BF087012.D
 Acq: 14 May 2016 11:22

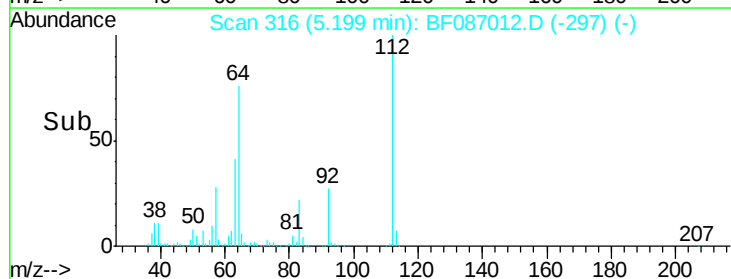
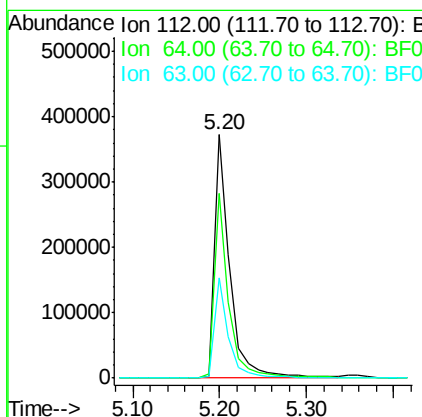
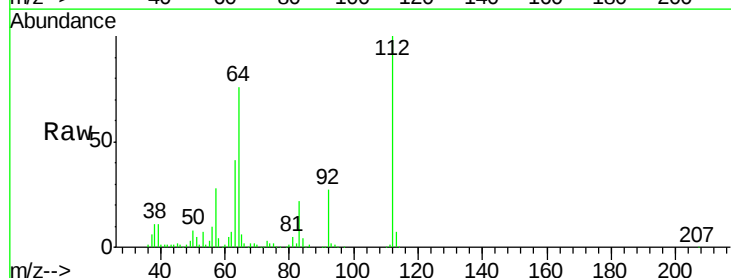
Instrument :
 BNA_F
 ClientSampled :
 MW-30

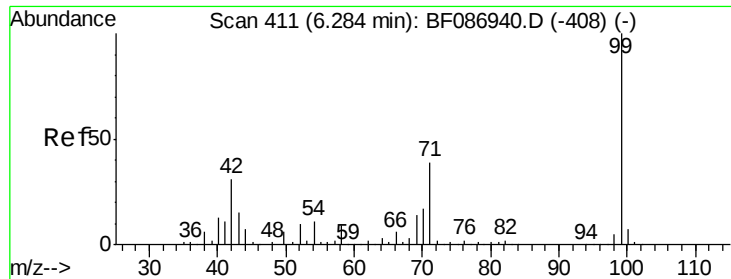
Tgt Ion:152 Resp: 129761
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.8 188.6
 115 57.3 51.5 77.3



#5
 2-Fluorophenol
 Concen: 61.15 ng
 RT: 5.20 min Scan# 316
 Delta R.T. -0.09 min
 Lab File: BF087012.D
 Acq: 14 May 2016 11:22

Tgt Ion:112 Resp: 468513
 Ion Ratio Lower Upper
 112 100
 64 75.9 52.1 78.1
 63 41.3 25.7 38.5#





#7

Phenol-d6

Concen: 39.90 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF087012.D

Acq: 14 May 2016 11:22

Instrument :

BNA_F

ClientSampleId :

MW-30

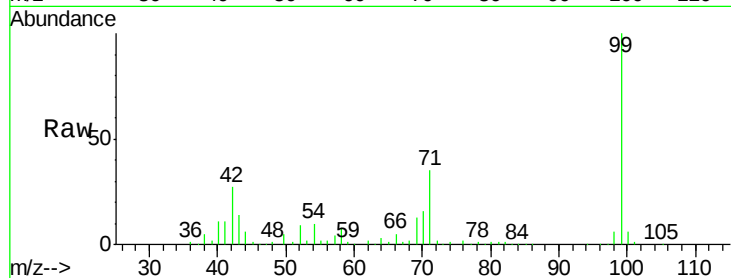
Tgt Ion: 99 Resp: 408545

Ion Ratio Lower Upper

99 100

42 27.4 13.6 20.4#

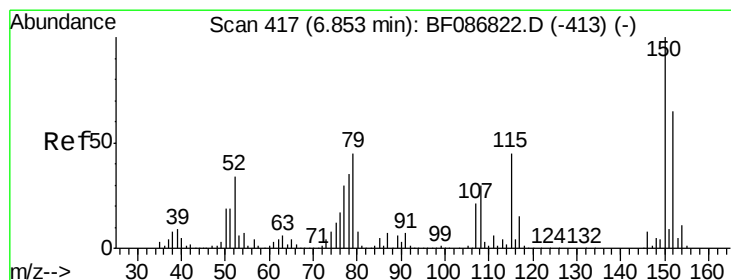
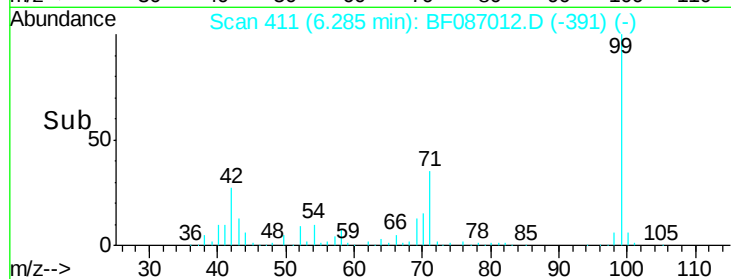
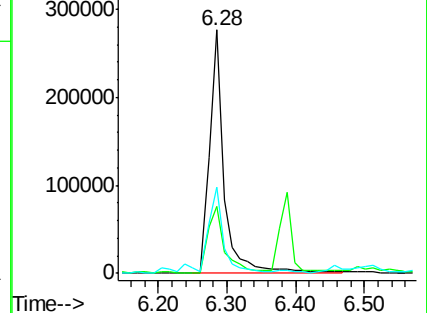
71 35.4 24.6 36.8



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: 2.57 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.09 min

Lab File: BF087012.D

Acq: 14 May 2016 11:22

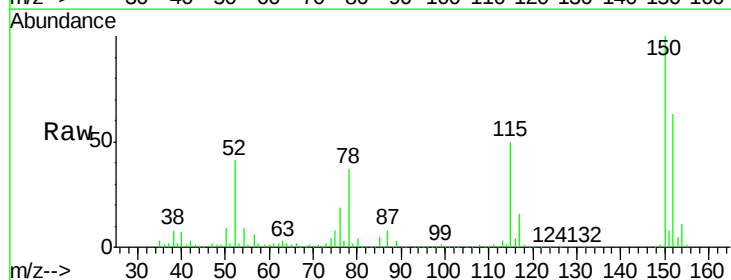
Tgt Ion: 79 Resp: 18173

Ion Ratio Lower Upper

79 100

108 30.6 68.4 102.6#

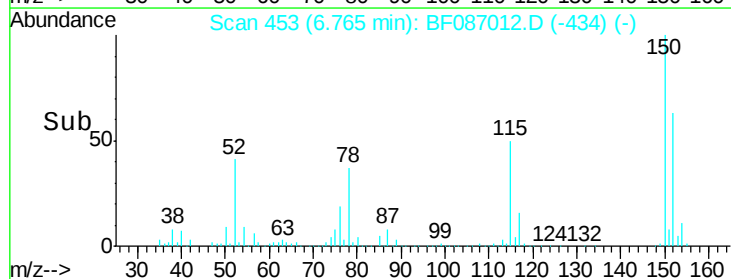
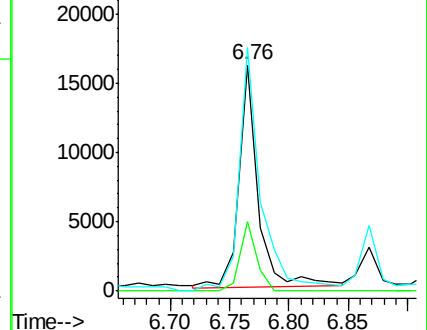
77 107.7 50.6 76.0#

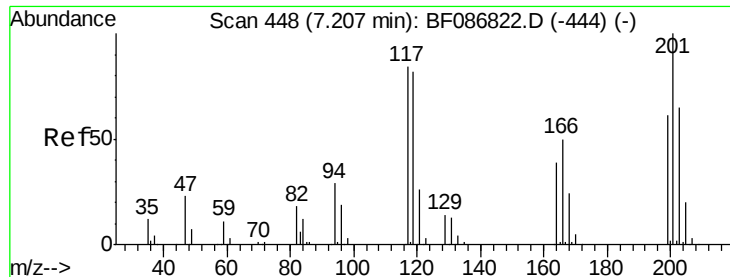


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

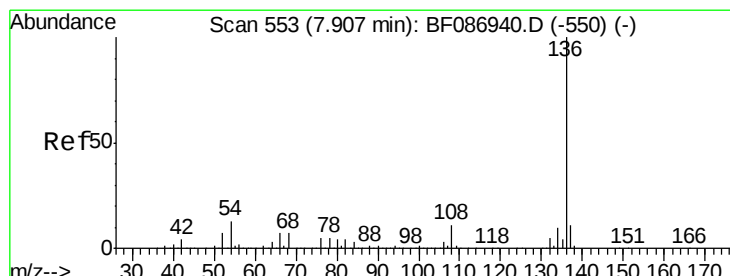
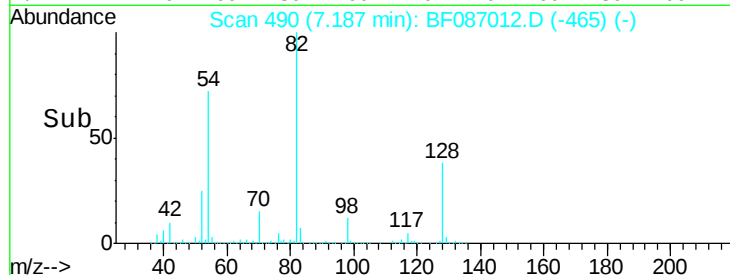
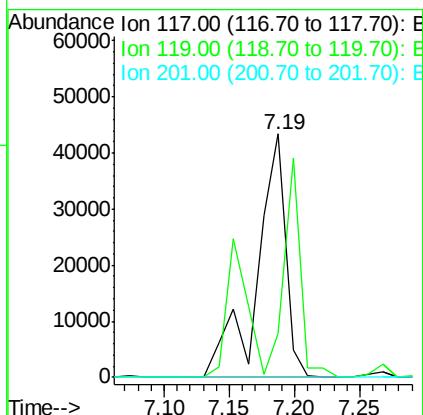
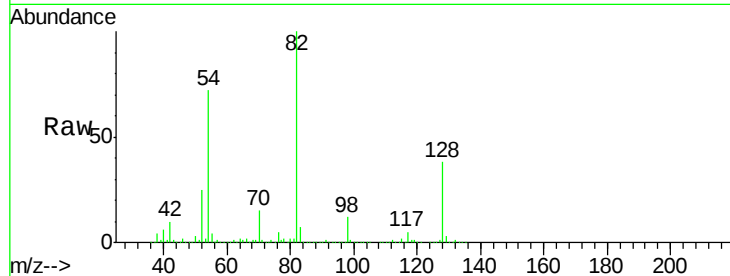




#18
Hexachloroethane
Concen: 17.58 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.02 min
Lab File: BF087012.D
Acq: 14 May 2016 11:22

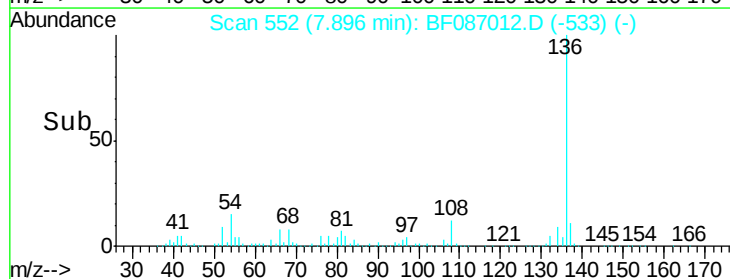
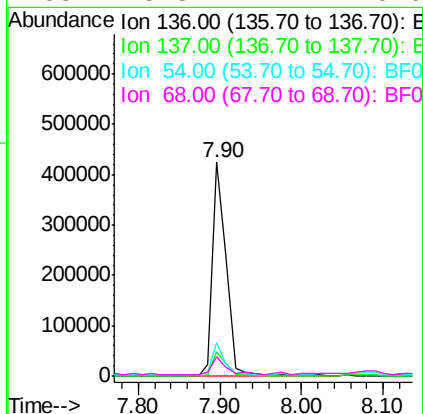
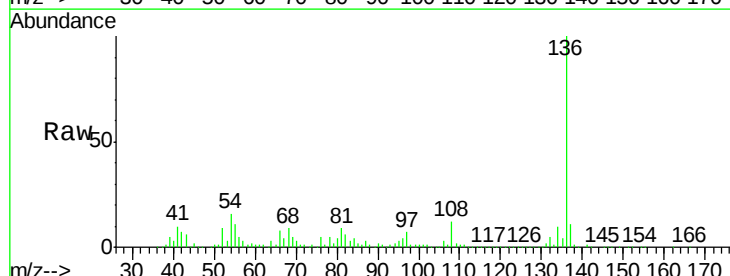
Instrument :
BNA_F
ClientSampleId :
MW-30

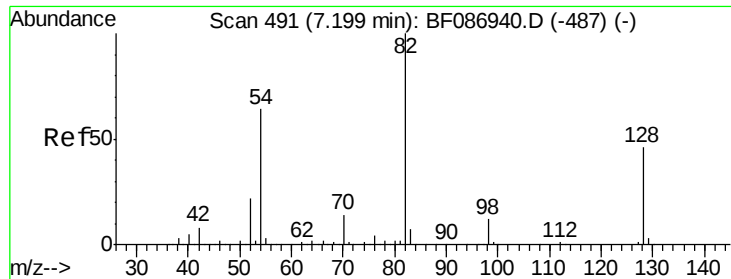
Tgt Ion:117 Resp: 67508
Ion Ratio Lower Upper
117 100
119 18.1 76.5 114.7#
201 0.0 63.0 94.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF087012.D
Acq: 14 May 2016 11:22

Tgt Ion:136 Resp: 505247
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 15.7 5.0 7.4#
68 8.8 4.4 6.6#

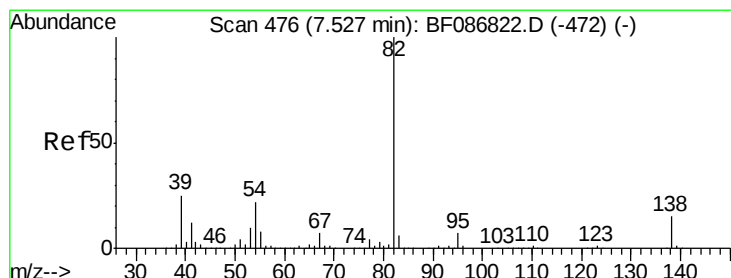
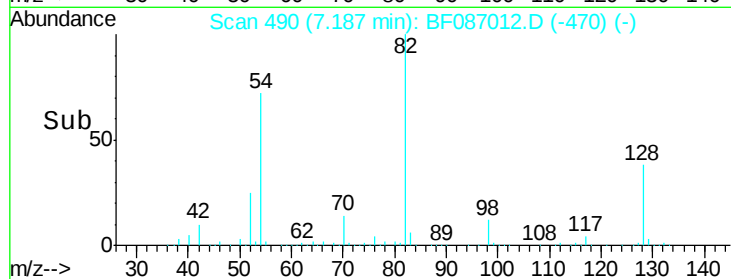
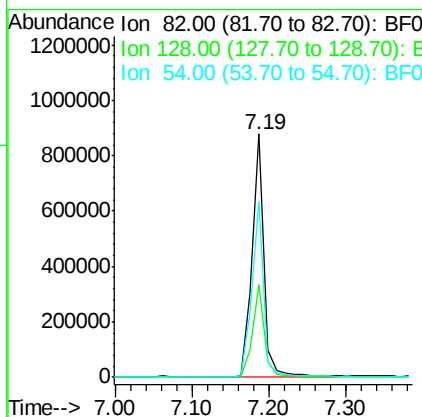
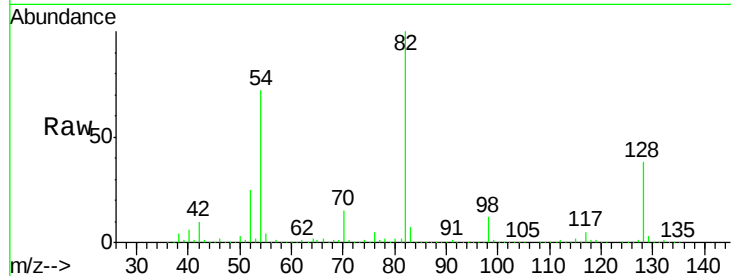




#23
 Nitrobenzene-d5
 Concen: 92.75 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.08 min
 Lab File: BF087012.D
 Acq: 14 May 2016 11:22

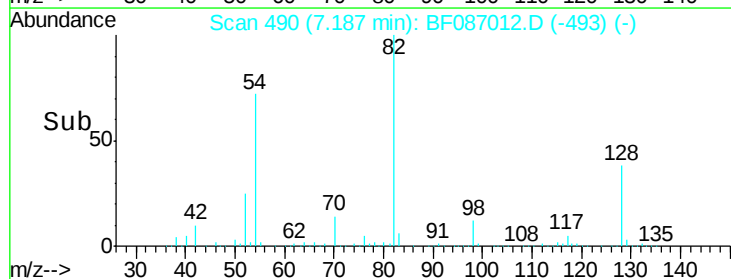
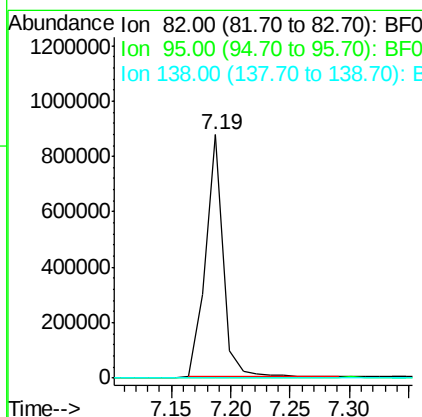
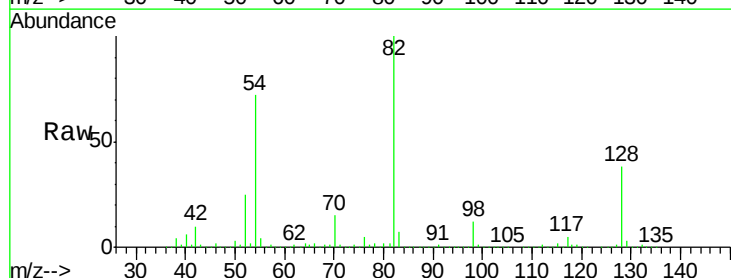
Instrument :
 BNA_F
 ClientSampled :
 MW-30

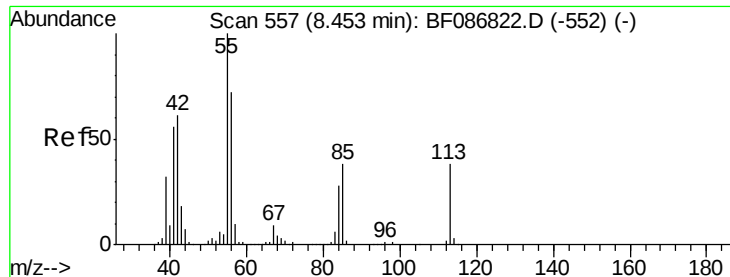
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.2	40.6	61.0#
54	72.2	38.1	57.1#



#25
 Isophorone
 Concen: 48.31 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.34 min
 Lab File: BF087012.D
 Acq: 14 May 2016 11:22

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.1	7.7#
138	0.0	12.4	18.6#





#35

Caprolactam

Concen: 2.03 ng

RT: 8.39 min Scan# 595

Delta R.T. -0.07 min

Lab File: BF087012.D

Acq: 14 May 2016 11:22

Instrument :

BNA_F

ClientSampleId :

MW-30

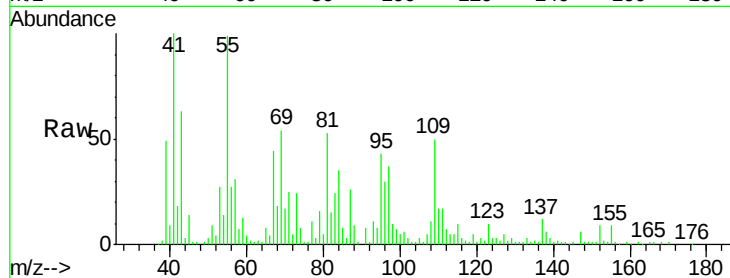
Tgt Ion:113 Resp: 4711

Ion Ratio Lower Upper

113 100

55 2103.1 162.0 202.0#

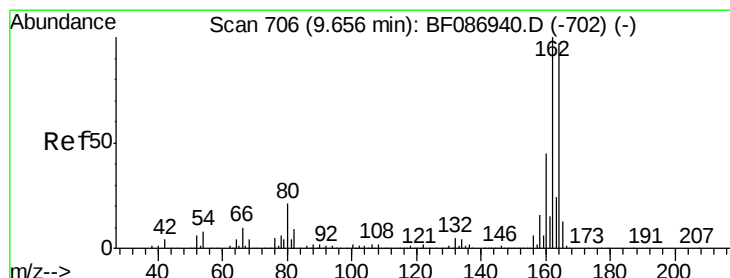
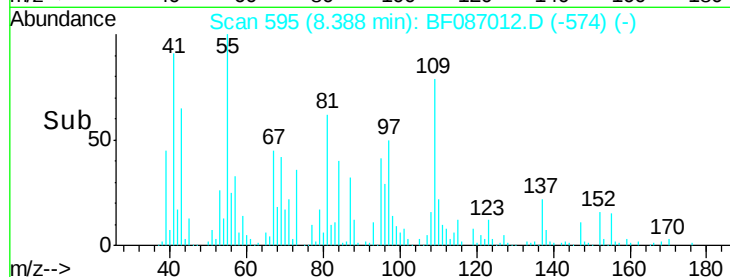
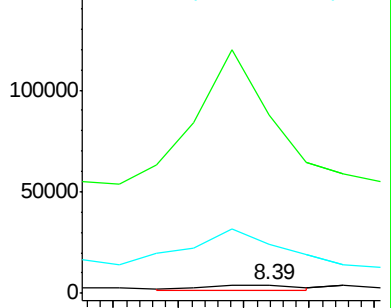
56 581.7 115.3 155.3#



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: BF087012.D

Acq: 14 May 2016 11:22

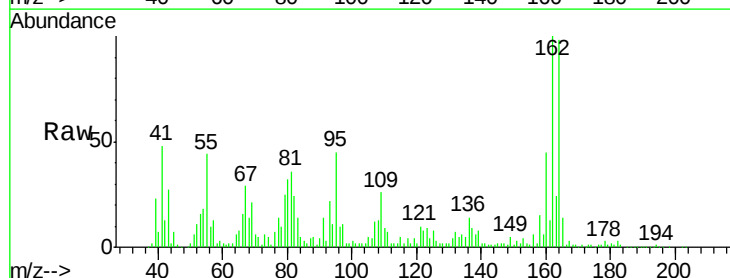
Tgt Ion:164 Resp: 234894

Ion Ratio Lower Upper

164 100

162 101.8 82.8 124.2

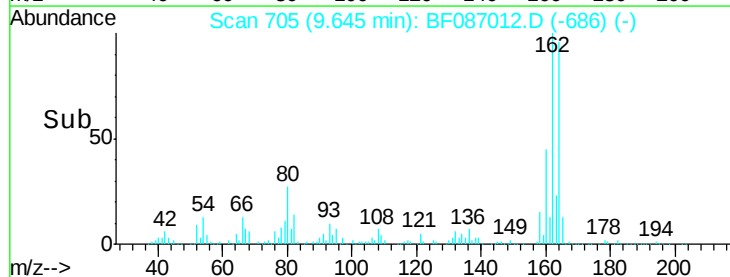
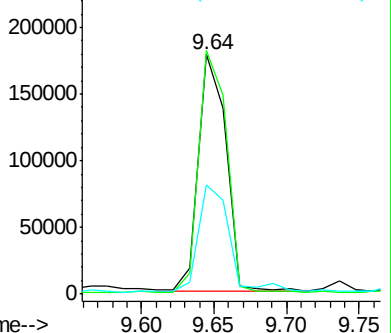
160 45.7 36.9 55.3

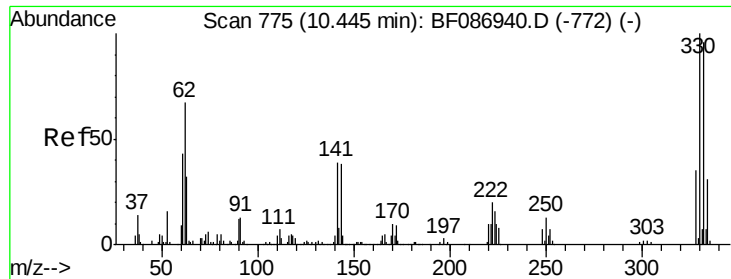


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

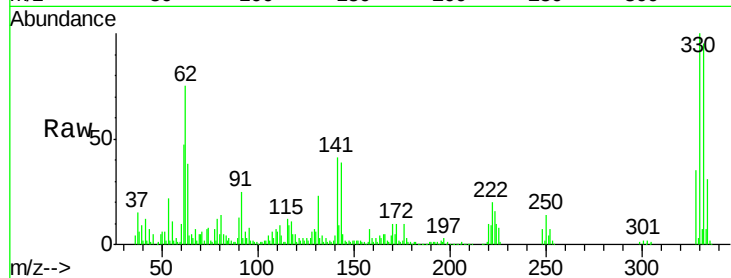




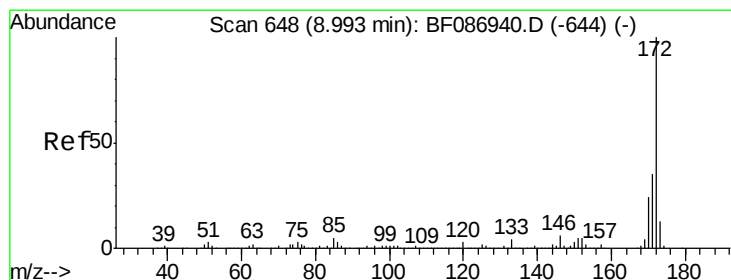
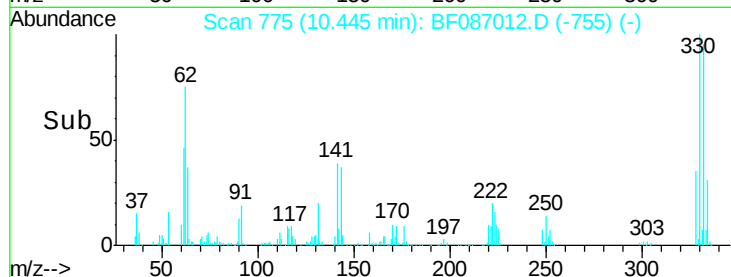
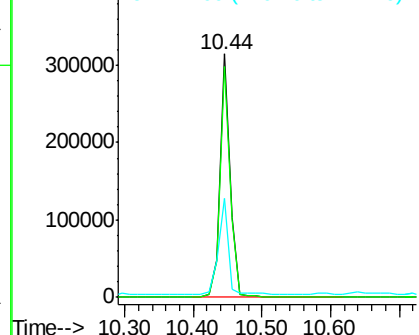
#41
 2,4,6-Tribromophenol
 Concen: 133.34 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.08 min
 Lab File: BF087012.D
 Acq: 14 May 2016 11:22

Instrument :
 BNA_F
 ClientSampleId :
 MW-30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	79.0	118.4
141	37.2	31.2	46.8

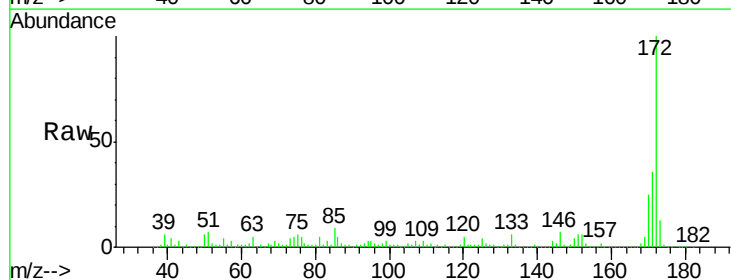


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

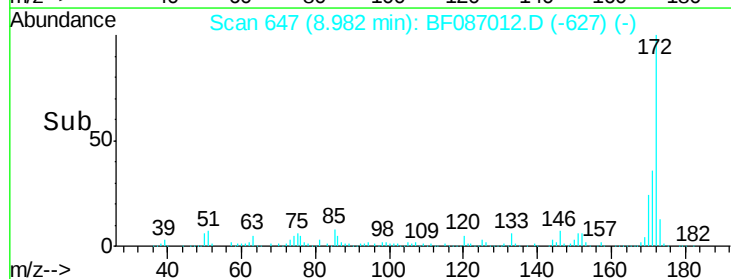
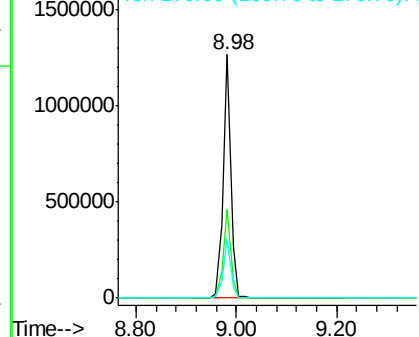


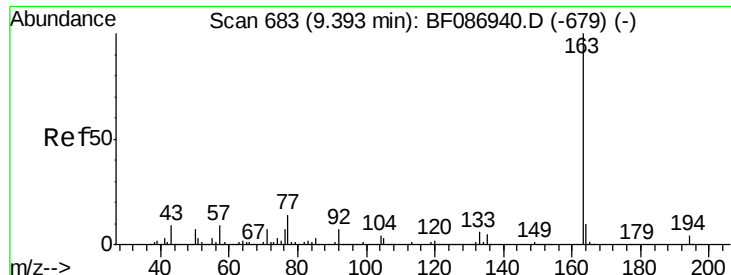
#44
 2-Fluorobiphenyl
 Concen: 97.64 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF087012.D
 Acq: 14 May 2016 11:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	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





#49

Dimethylphthalate

Concen: 2.54 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.09 min

Lab File: BF087012.D

Acq: 14 May 2016 11:22

Instrument :

BNA_F

ClientSampleId :

MW-30

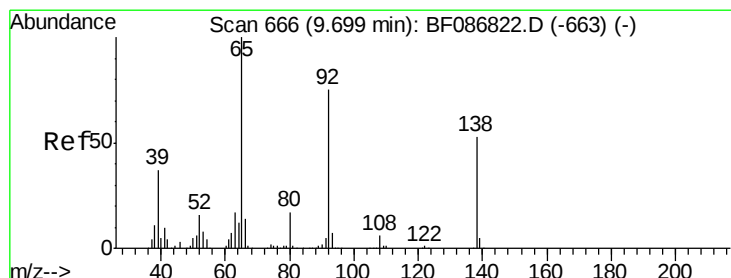
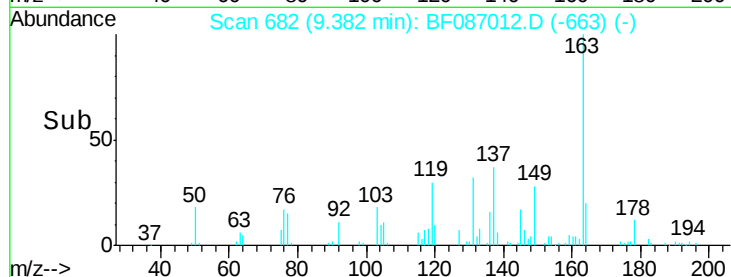
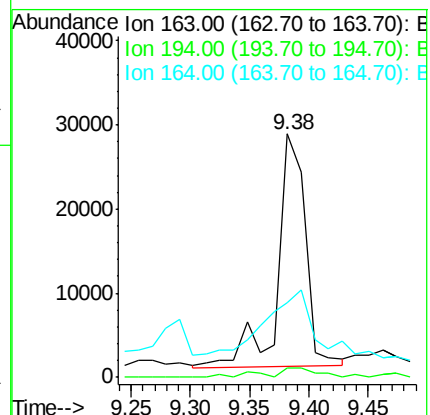
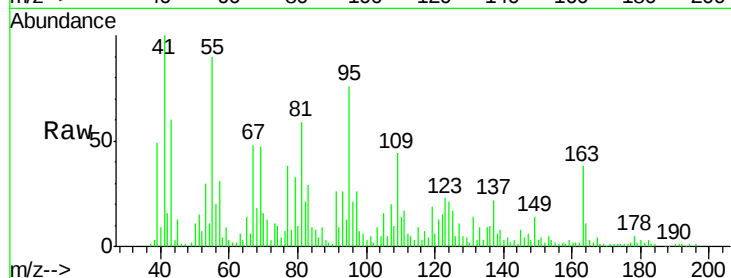
Tgt Ion:163 Resp: 45507

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

164 30.4 8.2 12.4#



#52

3-Nitroaniline

Concen: 2.58 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.09 min

Lab File: BF087012.D

Acq: 14 May 2016 11:22

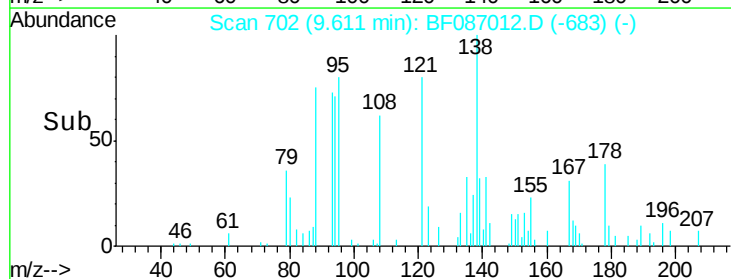
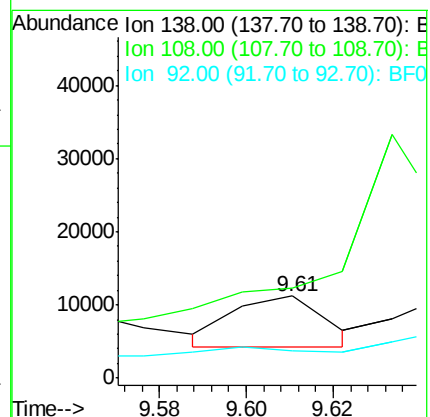
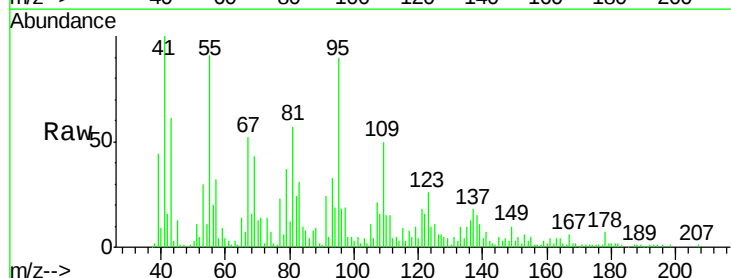
Tgt Ion:138 Resp: 10224

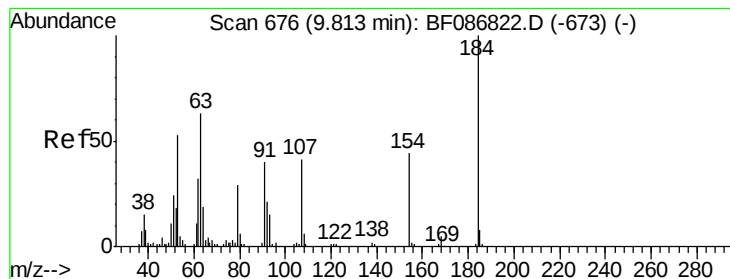
Ion Ratio Lower Upper

138 100

108 110.0 7.8 11.6#

92 33.8 87.8 131.8#





#53

2,4-Dinitrophenol

Concen: 7.79 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.13 min

Lab File: BF087012.D

Acq: 14 May 2016 11:22

Instrument :

BNA_F

ClientSampleId :

MW-30

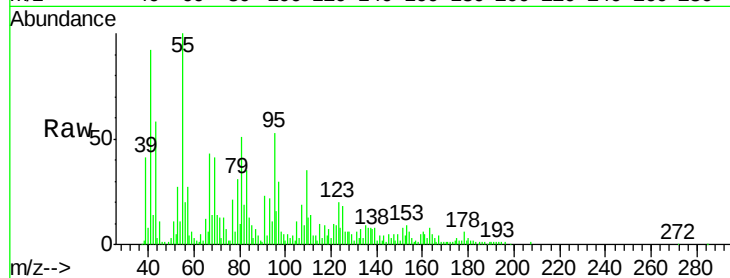
Tgt Ion:184 Resp: 210

Ion Ratio Lower Upper

184 100

63 1217.9 55.8 83.8#

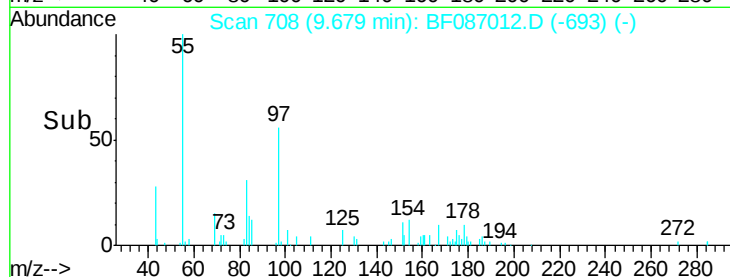
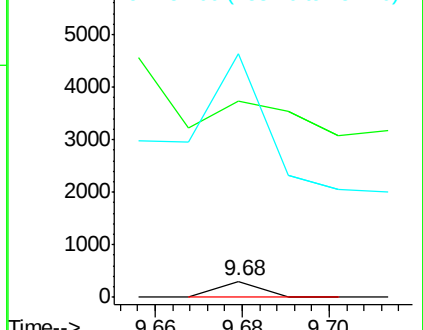
154 1509.4 62.4 93.6#



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: 6.92 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.04 min

Lab File: BF087012.D

Acq: 14 May 2016 11:22

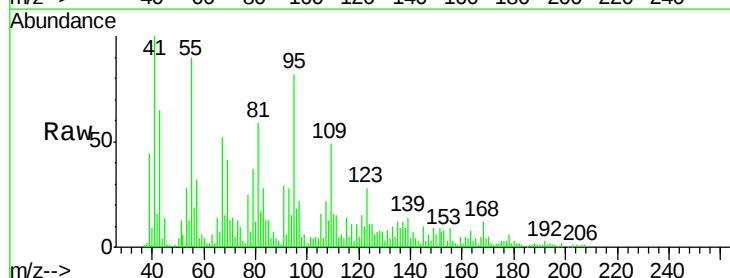
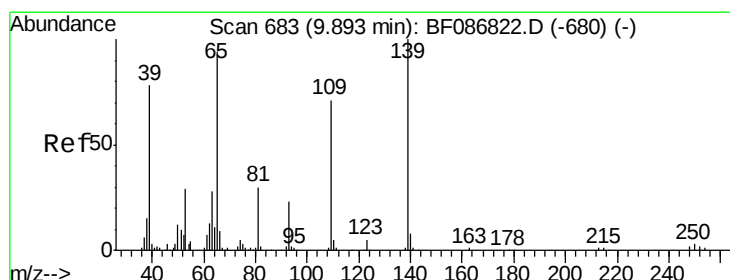
Tgt Ion:139 Resp: 6620

Ion Ratio Lower Upper

139 100

109 350.5 36.9 76.9#

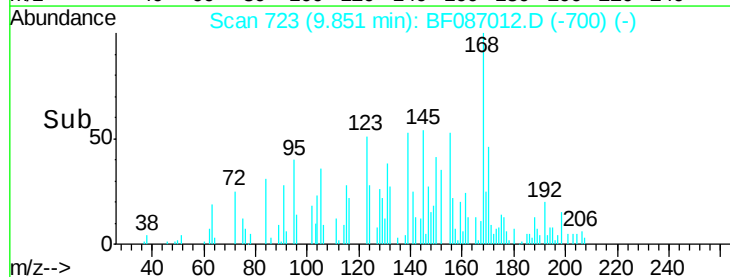
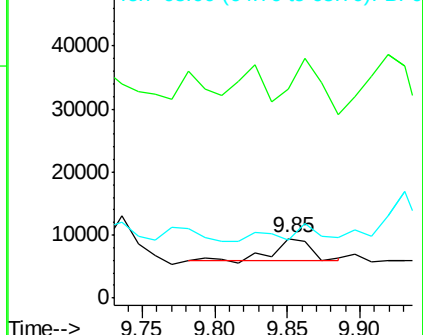
65 97.6 64.0 104.0

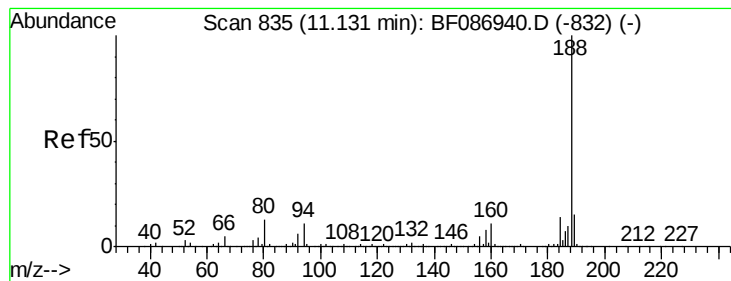


Abundance Ion 139.00 (138.70 to 139.70): E

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: BF087012.D

Acq: 14 May 2016 11:22

Instrument :

BNA_F

ClientSampleId :

MW-30

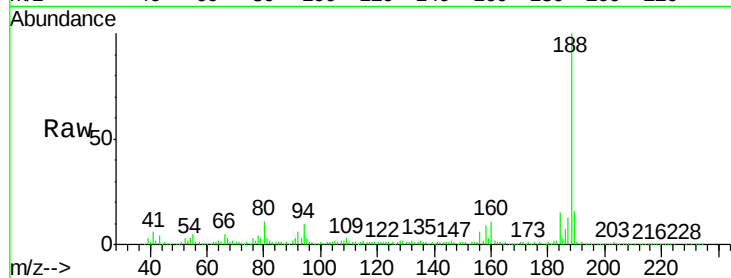
Tgt Ion:188 Resp: 472169

Ion Ratio Lower Upper

188 100

94 10.2 6.8 10.2#

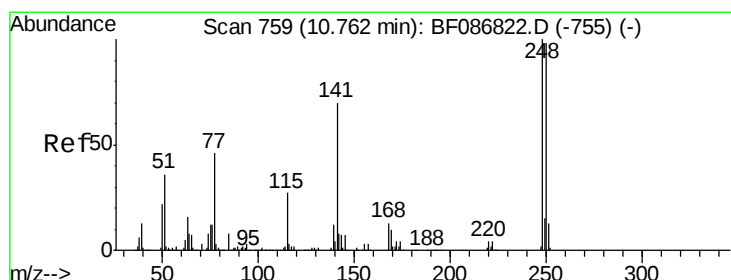
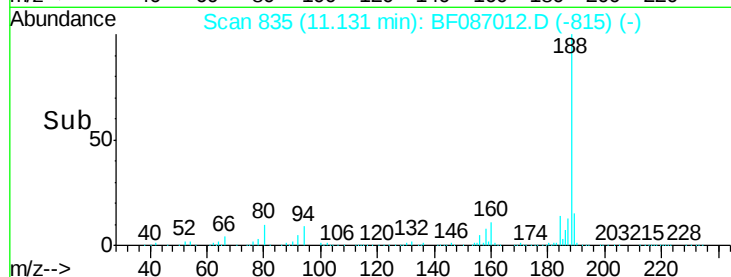
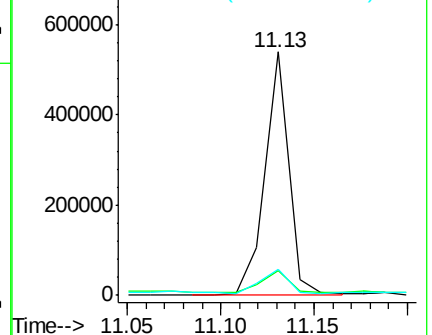
80 10.9 7.1 10.7#



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: 4.37 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.32 min

Lab File: BF087012.D

Acq: 14 May 2016 11:22

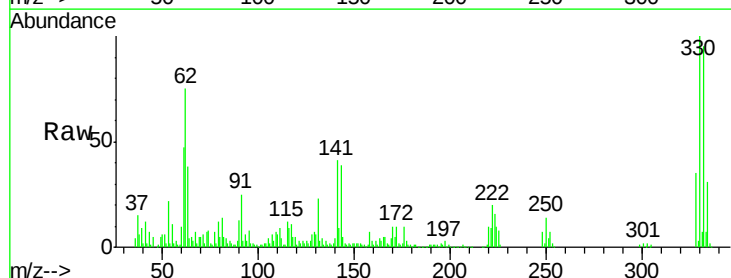
Tgt Ion:248 Resp: 20935

Ion Ratio Lower Upper

248 100

250 195.2 78.6 117.8#

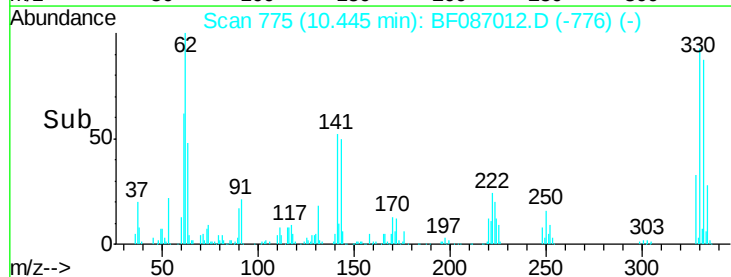
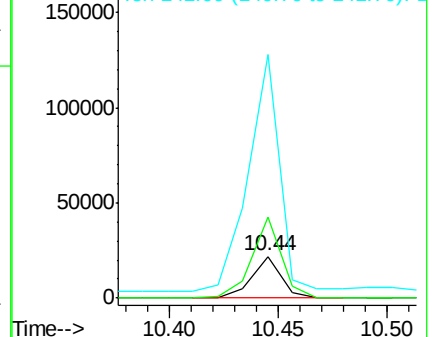
141 582.2 76.0 114.0#

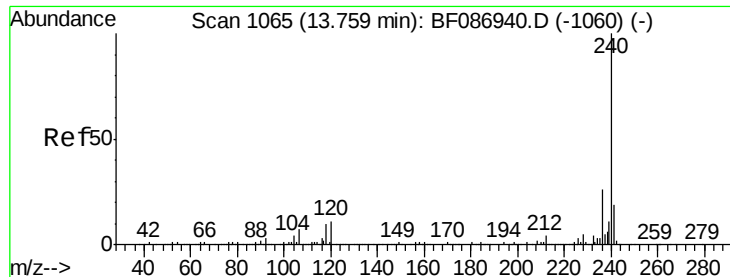


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF087012.D

Acq: 14 May 2016 11:22

Instrument :

BNA_F

ClientSampleId :

MW-30

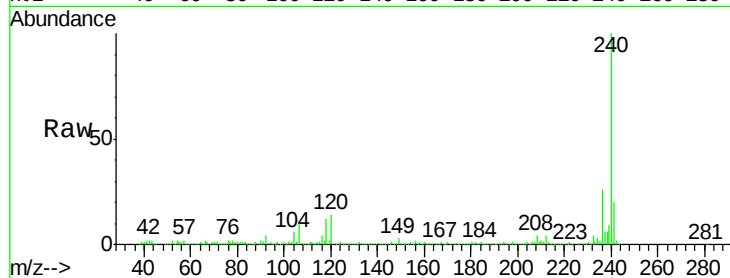
Tgt Ion:240 Resp: 358555

Ion Ratio Lower Upper

240 100

120 13.9 11.2 16.8

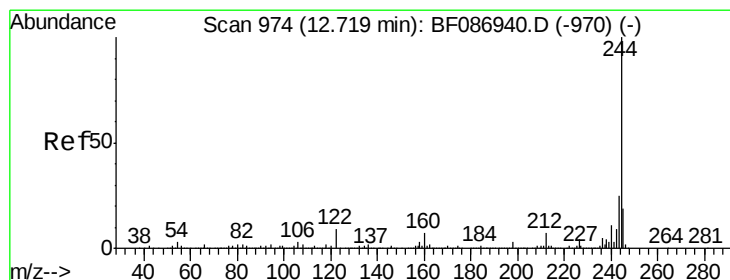
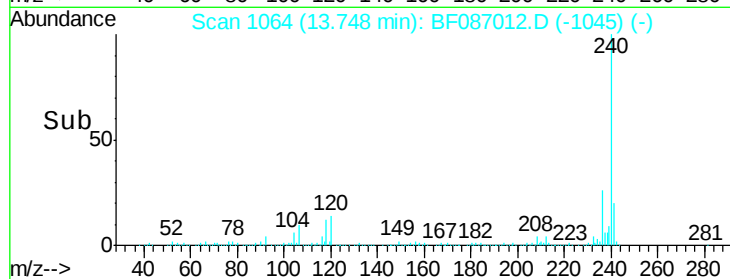
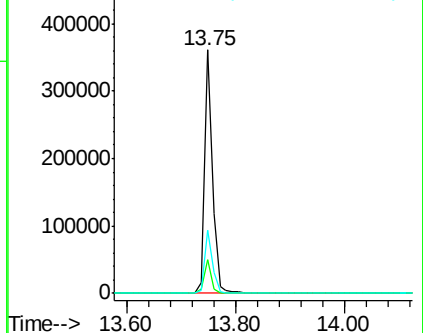
236 25.8 21.2 31.8



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



#78

Terphenyl-d14

Concen: 91.55 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.08 min

Lab File: BF087012.D

Acq: 14 May 2016 11:22

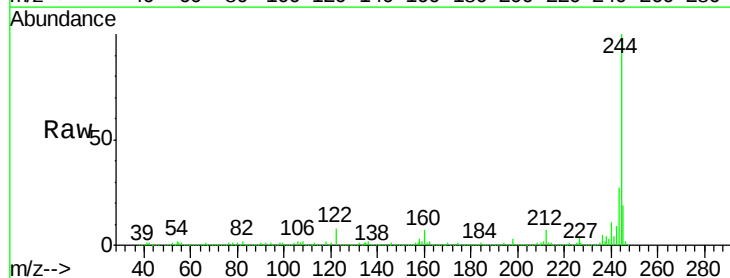
Tgt Ion:244 Resp: 1547160

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

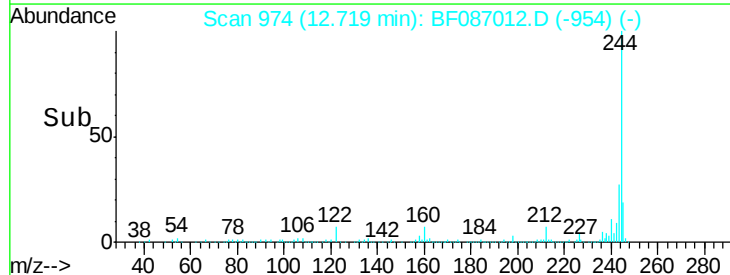
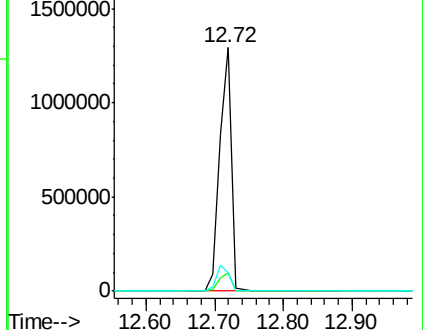
122 7.5 12.0 18.0#

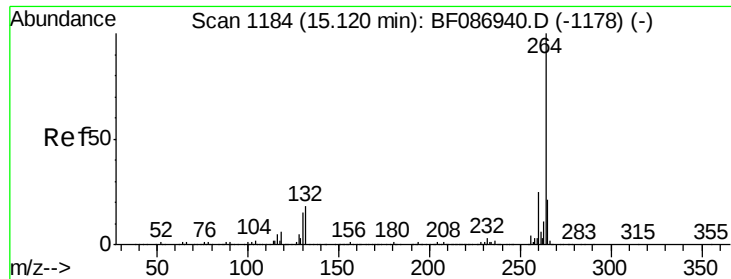


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF087012.D
Acq: 14 May 2016 11:22

Instrument :
BNA_F
ClientSampleId :
MW-30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	21.4	17.3	25.9

