

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051916\
 Data File : BF087222.D
 Acq On : 20 May 2016 10:00
 Operator : UM/SJ
 Sample : H3121-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 14:38:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

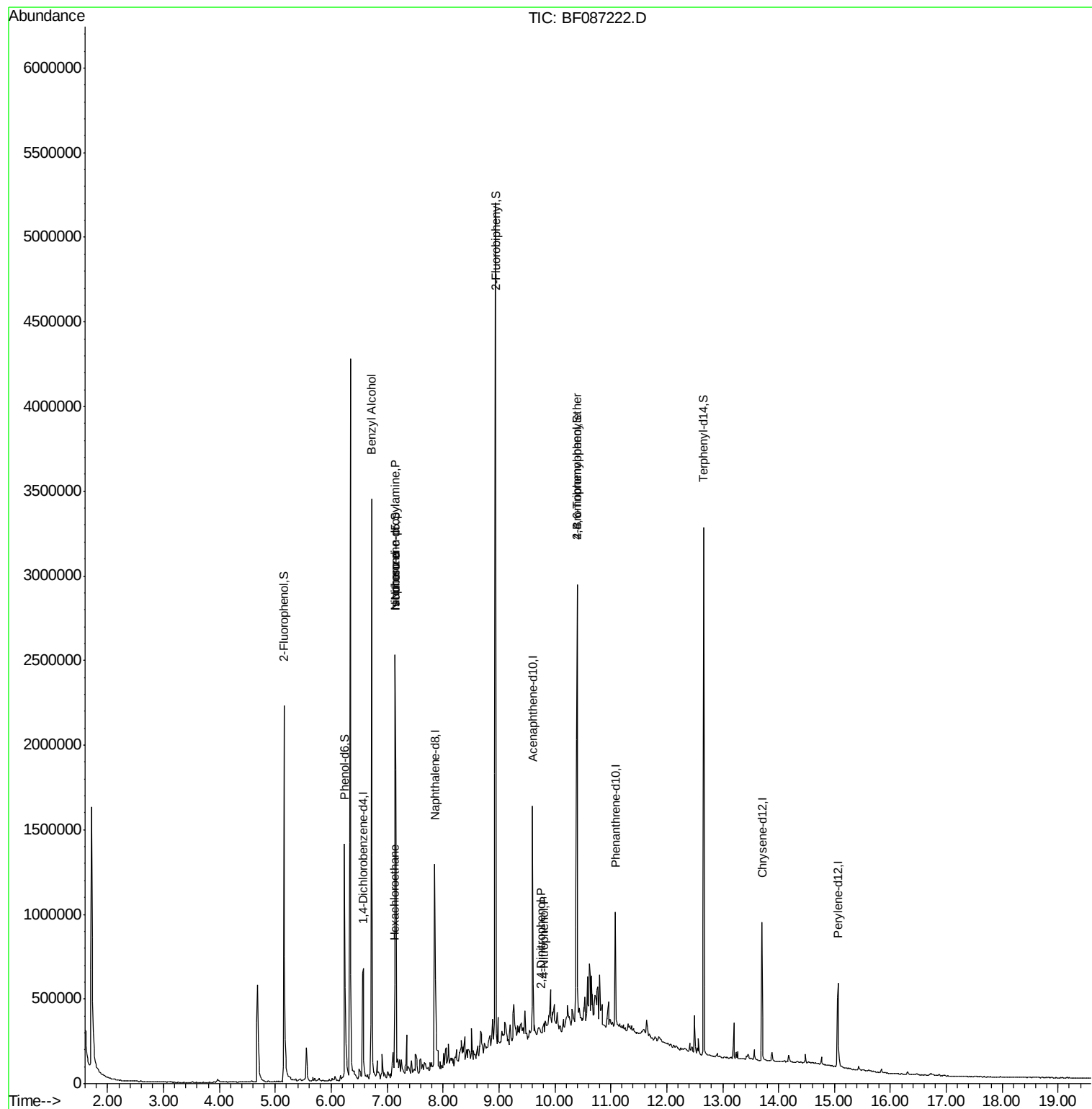
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	136529	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	526724	20.00	ng	-0.05
38) Acenaphthene-d10	9.60	164	241770	20.00	ng	-0.05
63) Phenanthrene-d10	11.08	188	368362	20.00	ng	-0.03
75) Chrysene-d12	13.70	240	275277	20.00	ng	-0.06
86) Perylene-d12	15.06	264	257668	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	628806	77.41	ng	-0.05
7) Phenol-d6	6.24	99	553178	50.78	ng	-0.05
23) Nitrobenzene-d5	7.14	82	1063109	100.59	ng	-0.05
41) 2,4,6-Tribromophenol	10.40	330	394334	147.60	ng	-0.05
44) 2-Fluorobiphenyl	8.94	172	1467652	100.54	ng	-0.05
78) Terphenyl-d14	12.66	244	907952	74.61	ng	-0.05
Target Compounds						Qvalue
15) Benzyl Alcohol	6.72	79	19612	2.42	ng	# 43
18) Hexachloroethane	7.13	117	47497	11.56	ng	# 7
19) n-Nitroso-di-n-propylamine	7.14	70	145394	17.56	ng	# 71
25) Isophorone	7.14	82	957355	49.48	ng	# 68
53) 2,4-Dinitrophenol	9.76	184	807	5.07	ng	# 1
55) 4-Nitrophenol	9.80	139	3202	2.43	ng	# 8
66) 4-Bromophenyl-phenylether	10.40	248	23690	6.25	ng	# 1

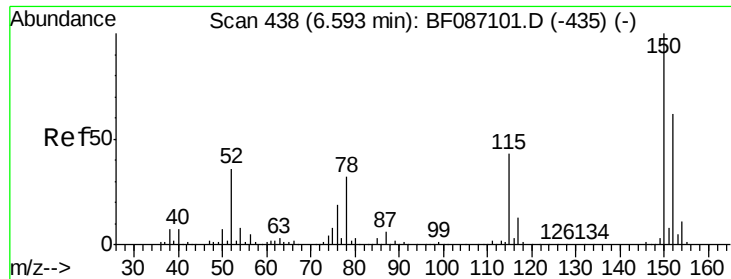
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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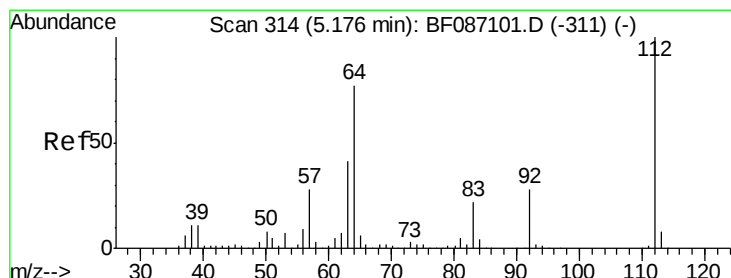
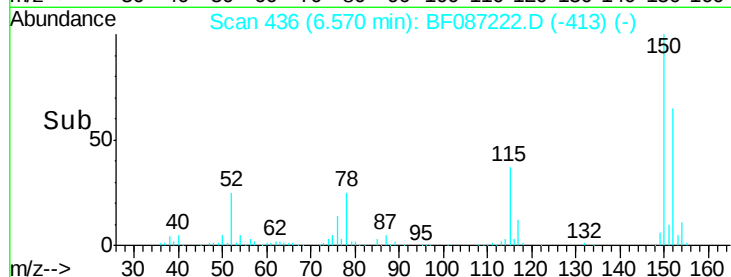
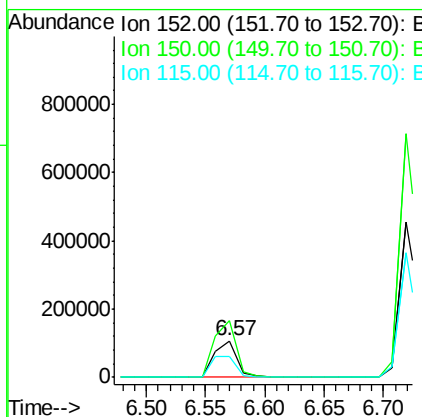
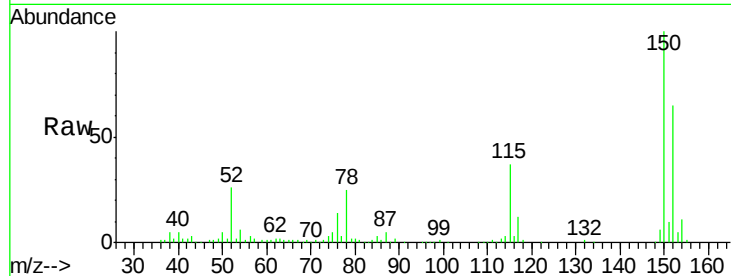


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 436
Delta R.T. -0.03 min
Lab File: BF087222.D
Acq: 20 May 2016 10:00

Instrument :
BNA_F
ClientSampled :

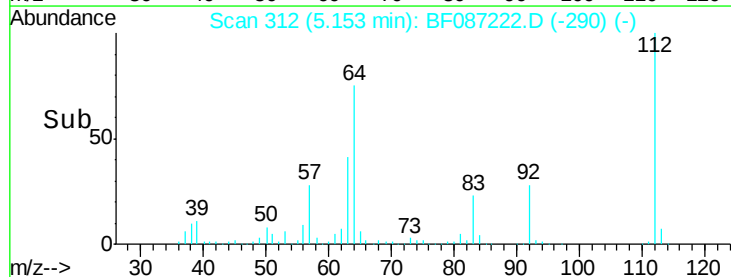
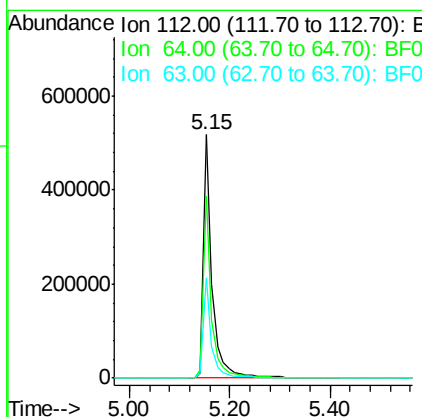
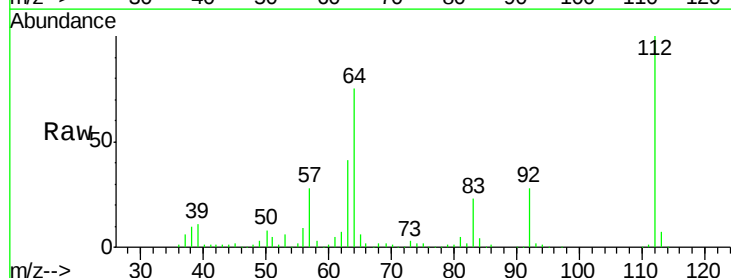
Tot Ion:152 Resp: 136529
Ion Ratio Lower Upper
152 100
150 154.6 125.8 188.6
115 57.1 51.5 77.3

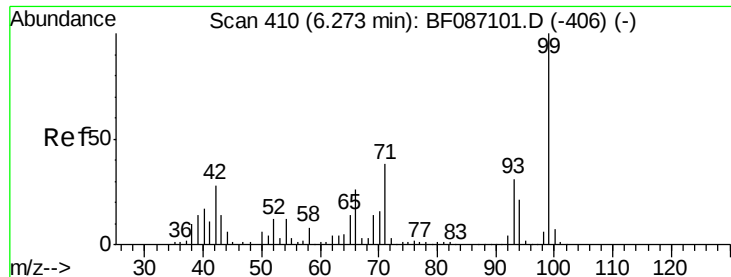


#5

2-Fluorophenol
Concen: 77.41 ng
RT: 5.15 min Scan# 312
Delta R.T. -0.05 min
Lab File: BF087222.D
Acq: 20 May 2016 10:00

Tgt Ion:112 Resp: 628806
Ion Ratio Lower Upper
112 100
64 75.0 52.1 78.1
63 41.1 25.7 38.5#





#7

Phenol-d6

Concen: 50.78 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF087222.D

Acq: 20 May 2016 10:00

Instrument :

BNA_F

ClientSampleId :

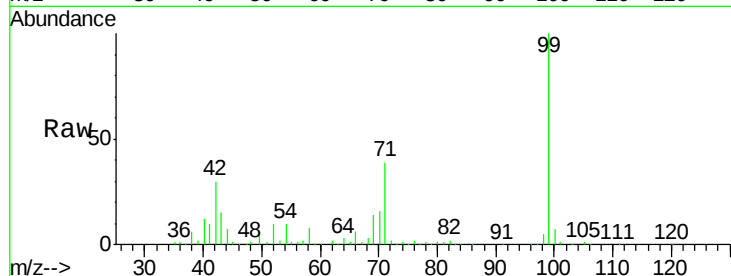
Tot Ion: 99 Resp: 553178

Ion Ratio Lower Upper

99 100

42 29.5 13.6 20.4#

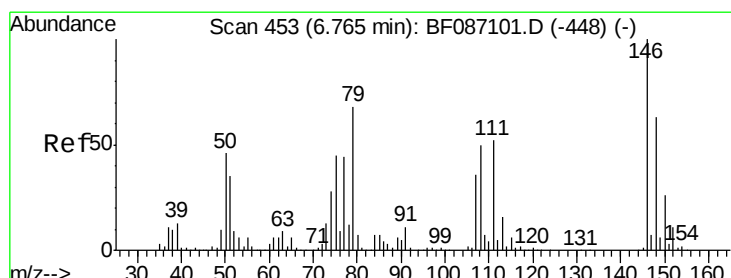
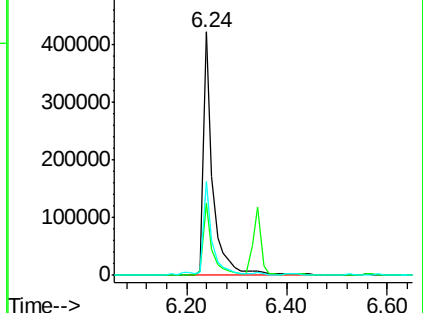
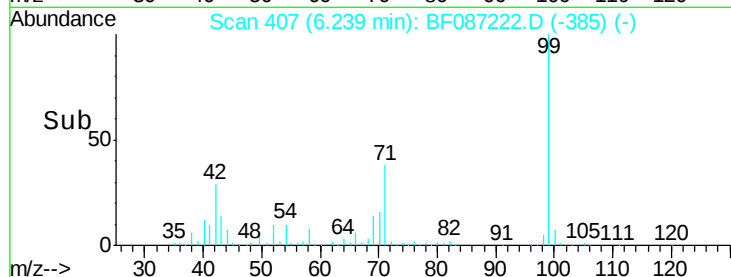
71 38.5 24.6 36.8#



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: 2.42 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.06 min

Lab File: BF087222.D

Acq: 20 May 2016 10:00

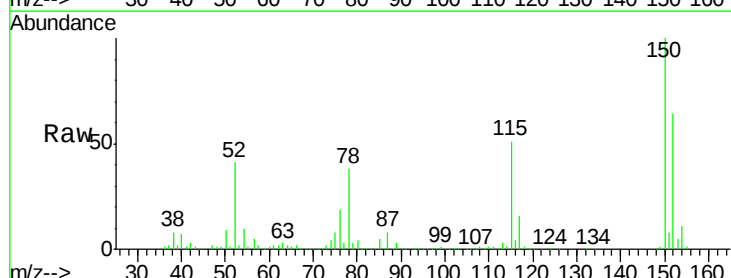
Tgt Ion: 79 Resp: 19612

Ion Ratio Lower Upper

79 100

108 28.3 68.4 102.6#

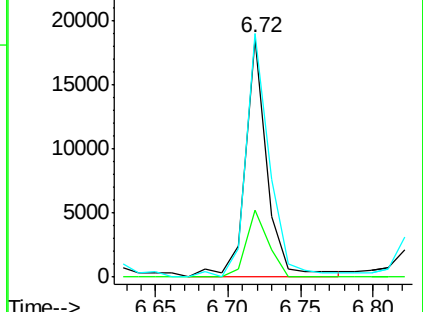
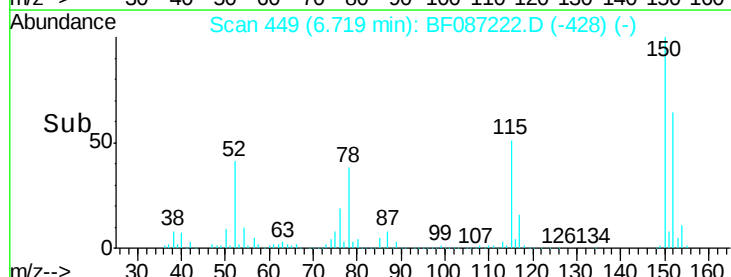
77 102.0 50.6 76.0#

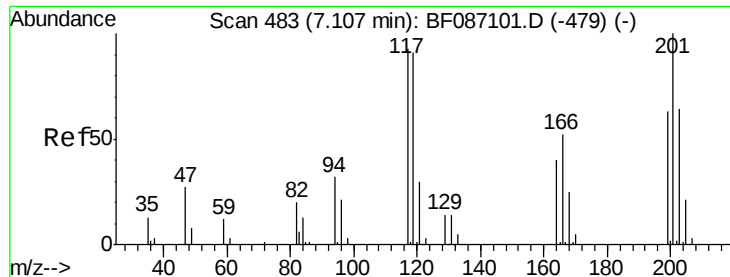


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

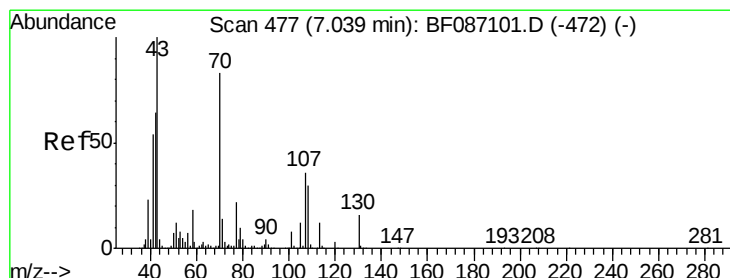
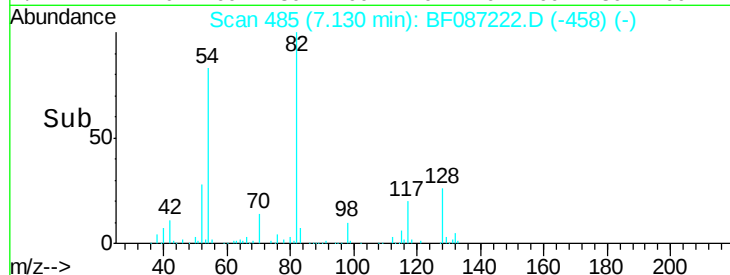
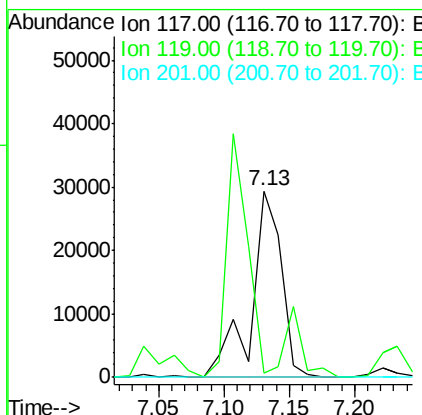
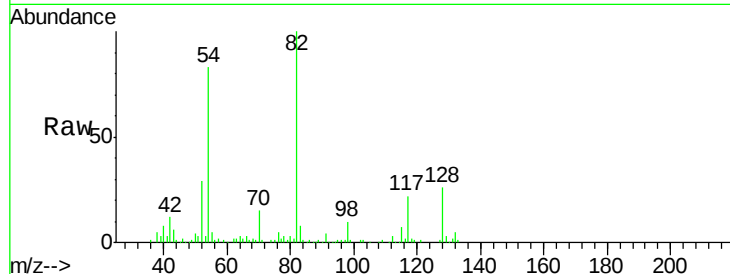




#18
Hexachloroethane
Concen: 11.56 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.01 min
Lab File: BF087222.D
Acq: 20 May 2016 10:00

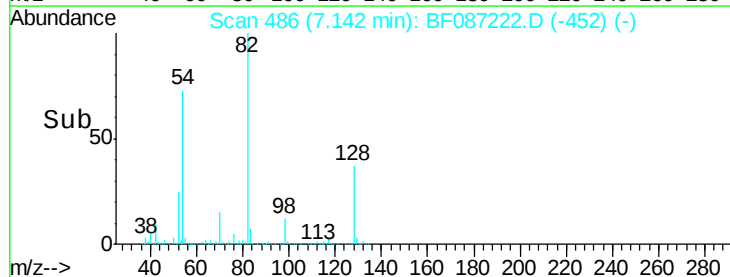
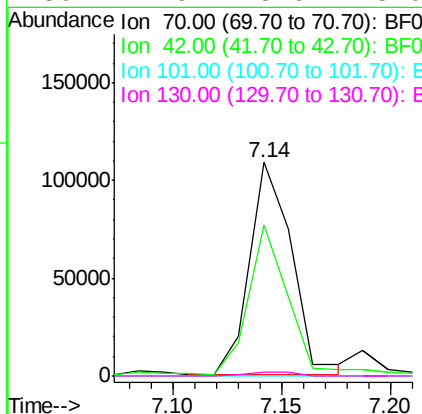
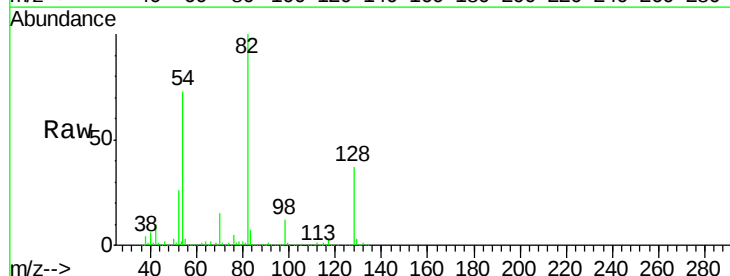
Instrument :
BNA_F
ClientSampled :

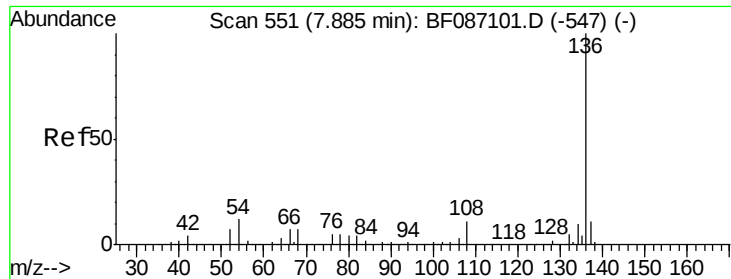
Tot Ion:117 Resp: 47497
Ion Ratio Lower Upper
117 100
119 2.4 76.5 114.7#
201 0.0 63.0 94.6#



#19
n-Nitroso-di-n-propylamine
Concen: 17.56 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.09 min
Lab File: BF087222.D
Acq: 20 May 2016 10:00

Tgt Ion: 70 Resp: 145394
Ion Ratio Lower Upper
70 100
42 70.5 43.1 64.7#
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.05 min

Lab File: BF087222.D

Acq: 20 May 2016 10:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 526724

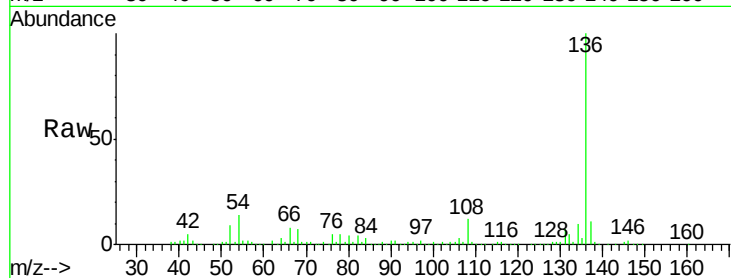
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 14.4 5.0 7.4#

68 7.1 4.4 6.6#

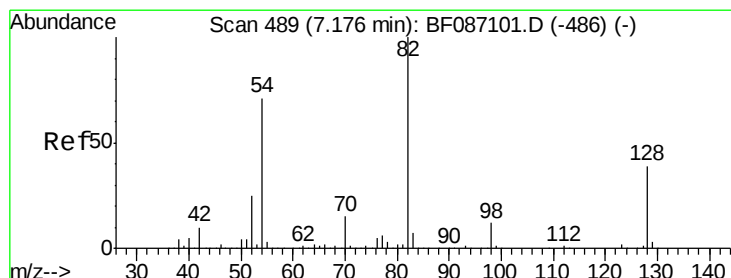
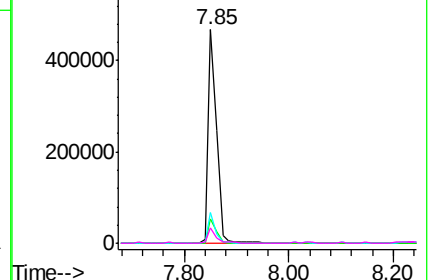
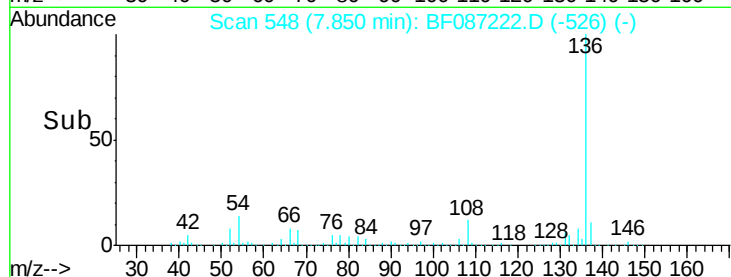


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.59 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.05 min

Lab File: BF087222.D

Acq: 20 May 2016 10:00

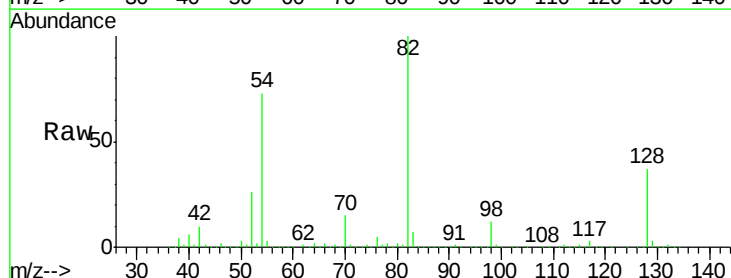
Tgt Ion: 82 Resp: 1063109

Ion Ratio Lower Upper

82 100

128 37.1 40.6 61.0#

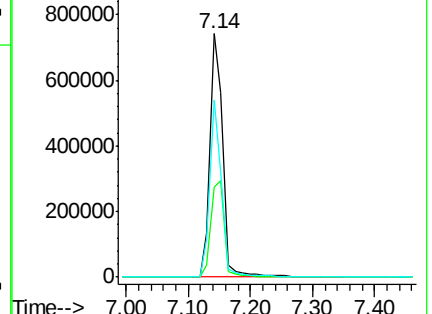
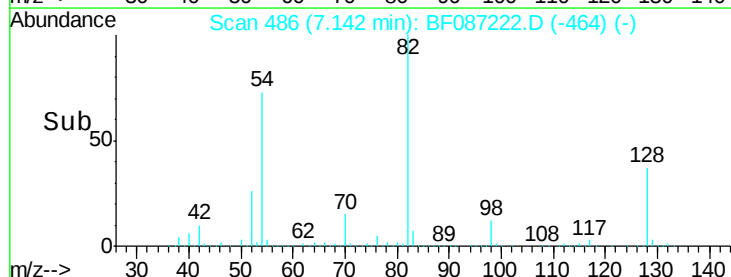
54 72.9 38.1 57.1#

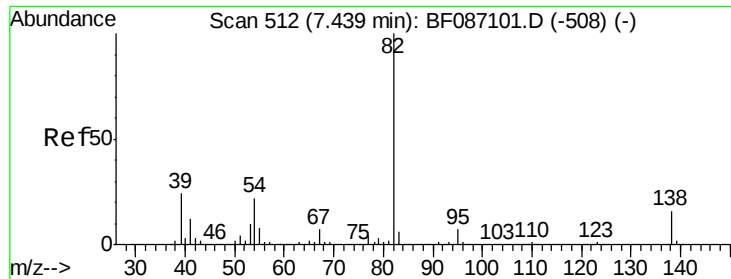


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 49.48 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.31 min

Lab File: BF087222.D

Acq: 20 May 2016 10:00

Instrument :

BNA_F

ClientSampleId :

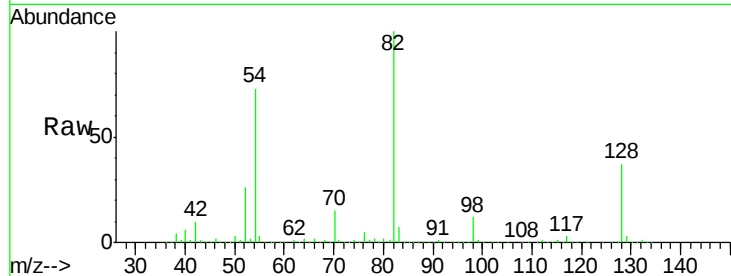
Tot Ion: 82 Resp: 957355

Ion Ratio Lower Upper

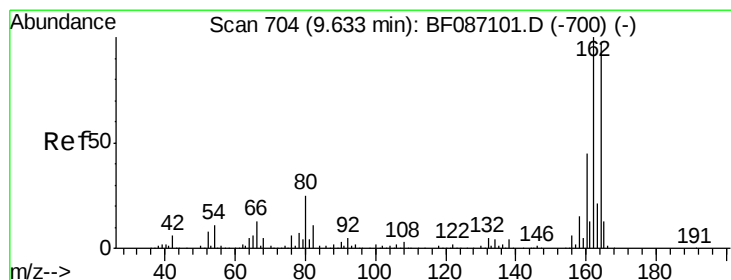
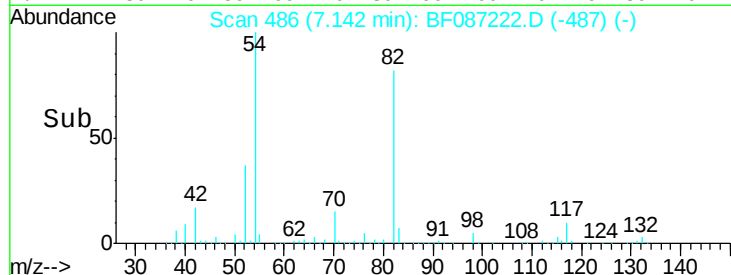
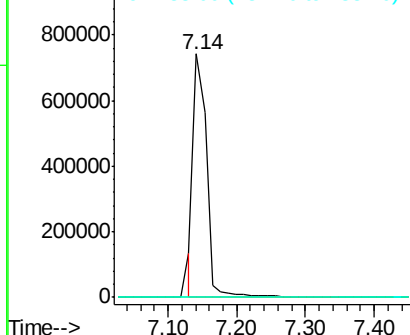
82 100

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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.05 min

Lab File: BF087222.D

Acq: 20 May 2016 10:00

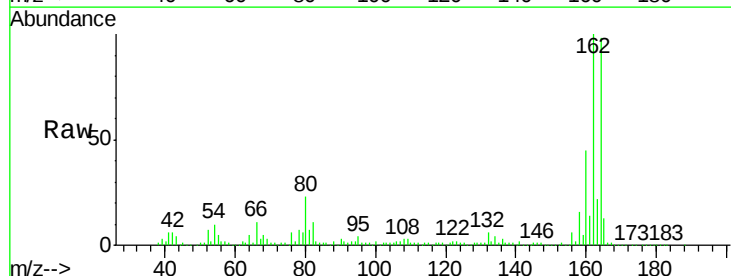
Tgt Ion:164 Resp: 241770

Ion Ratio Lower Upper

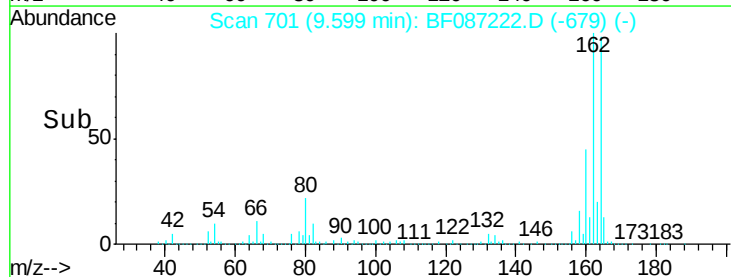
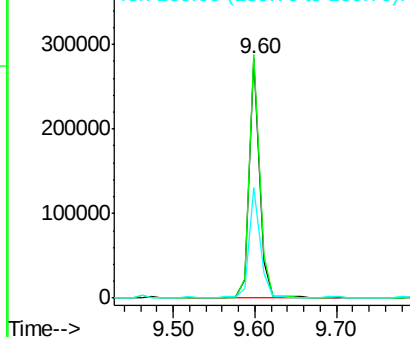
164 100

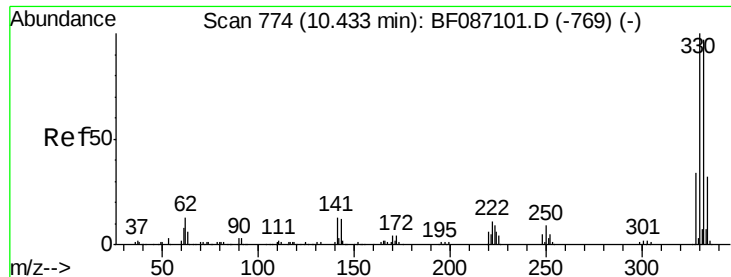
162 101.7 82.8 124.2

160 45.9 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

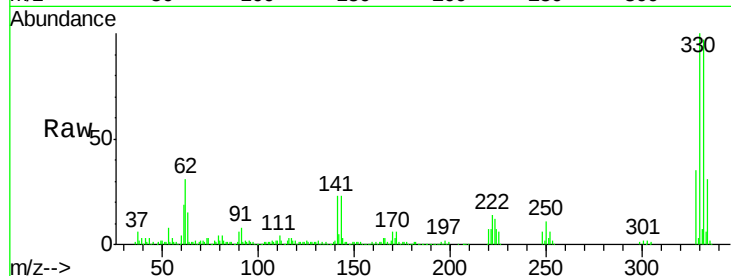




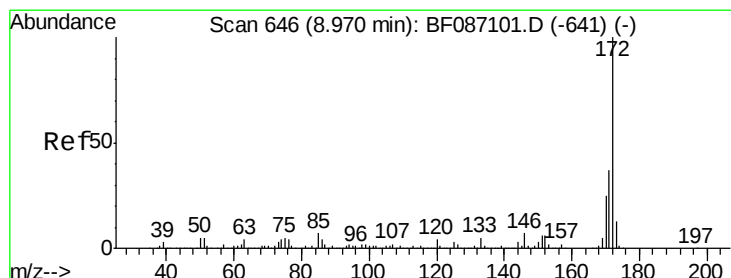
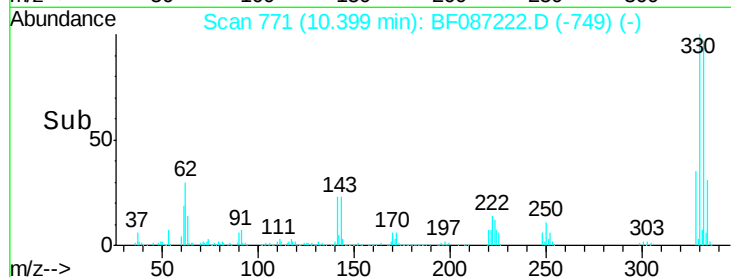
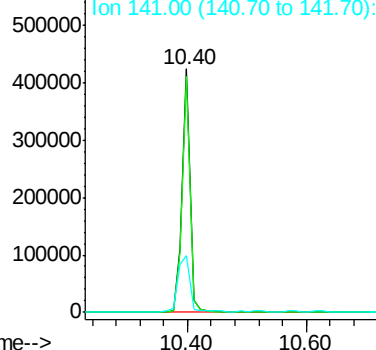
#41
 2,4,6-Tribromophenol
 Concen: 147.60 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.05 min
 Lab File: BF087222.D
 Acq: 20 May 2016 10:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.0	118.4
141	33.9	31.2	46.8

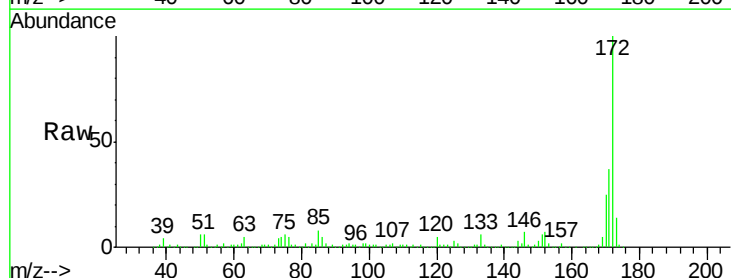


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

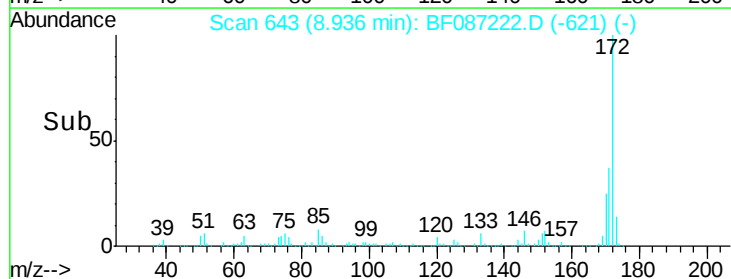
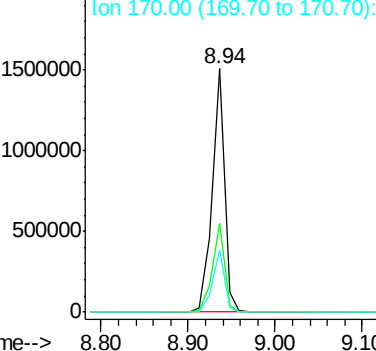


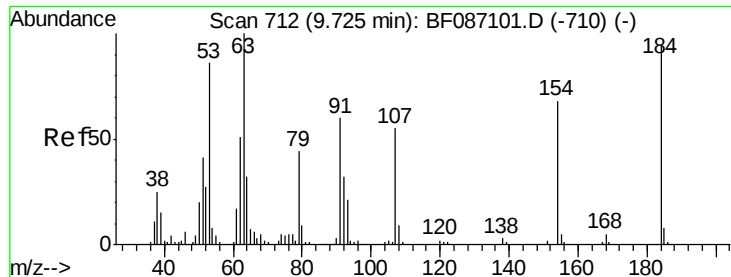
#44
 2-Fluorobiphenyl
 Concen: 100.54 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.05 min
 Lab File: BF087222.D
 Acq: 20 May 2016 10:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	25.2	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

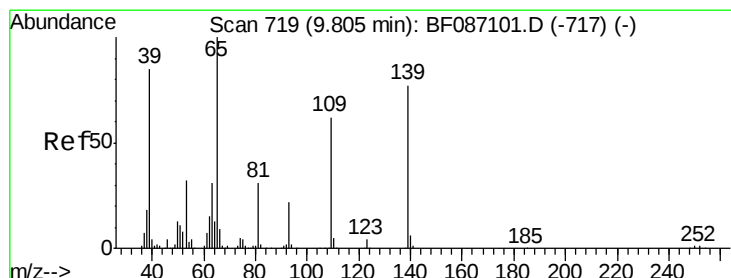
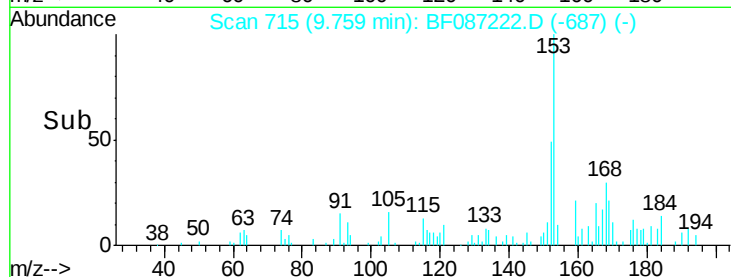
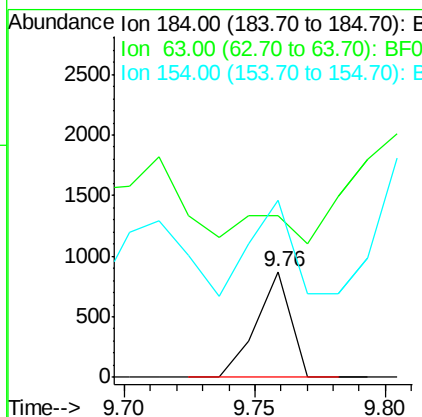
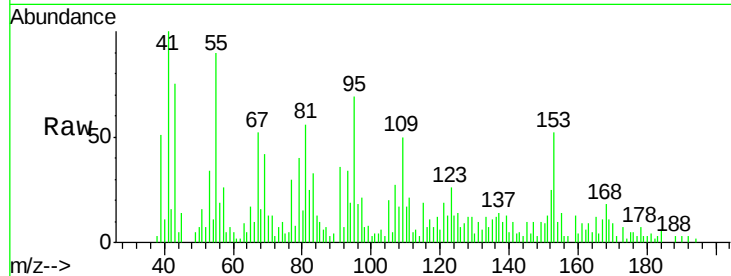




#53
2,4-Dinitrophenol
Concen: 5.07 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.02 min
Lab File: BF087222.D
Acq: 20 May 2016 10:00

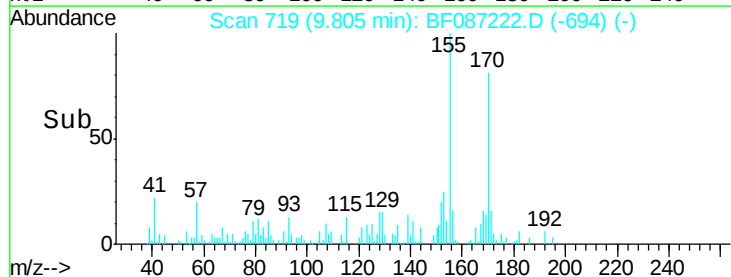
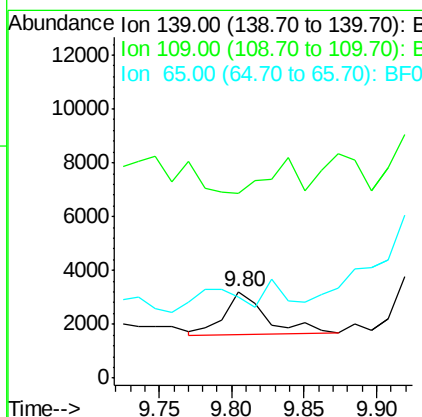
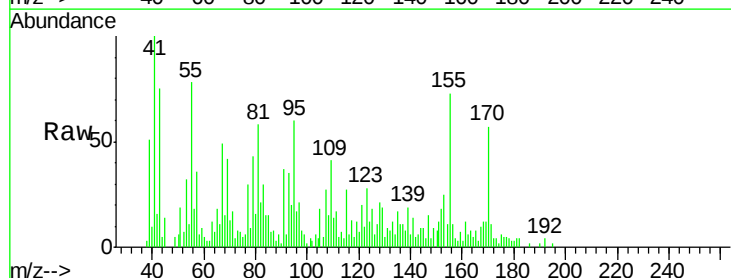
Instrument :
BNA_F
ClientSampleId :

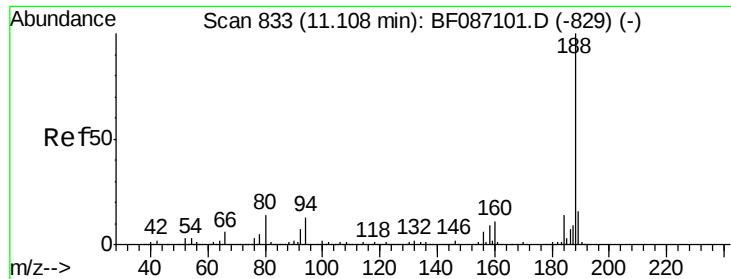
Tot Ion:184 Resp: 807
Ion Ratio Lower Upper
184 100
63 153.2 55.8 83.8#
154 167.2 62.4 93.6#



#55
4-Nitrophenol
Concen: 2.43 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF087222.D
Acq: 20 May 2016 10:00

Tgt Ion:139 Resp: 3202
Ion Ratio Lower Upper
139 100
109 212.9 36.9 76.9#
65 93.8 64.0 104.0

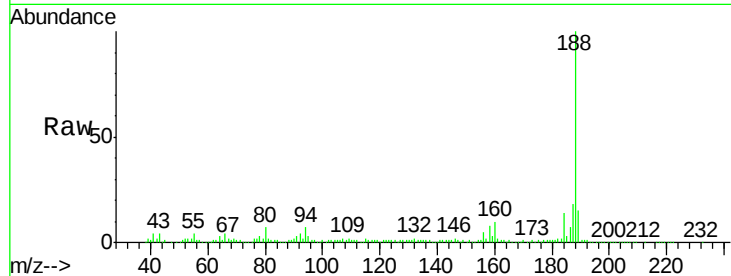




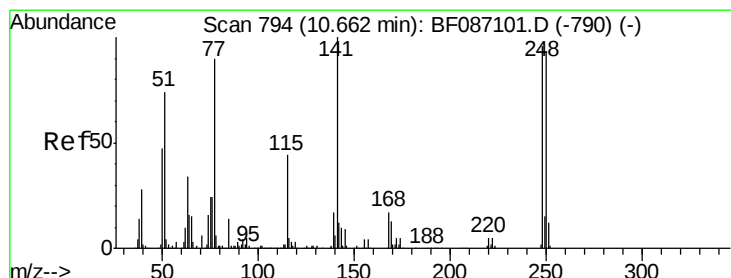
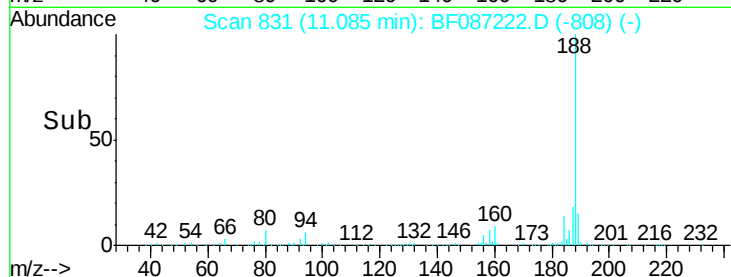
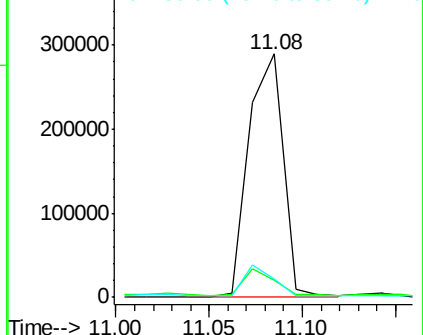
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.03 min
Lab File: BF087222.D
Acq: 20 May 2016 10:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 368362
Ion Ratio Lower Upper
188 100
94 7.0 6.8 10.2
80 7.3 7.1 10.7

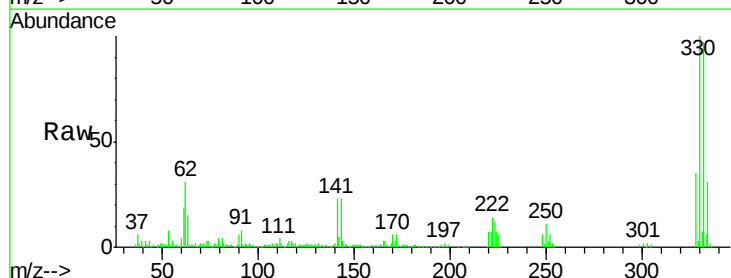


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

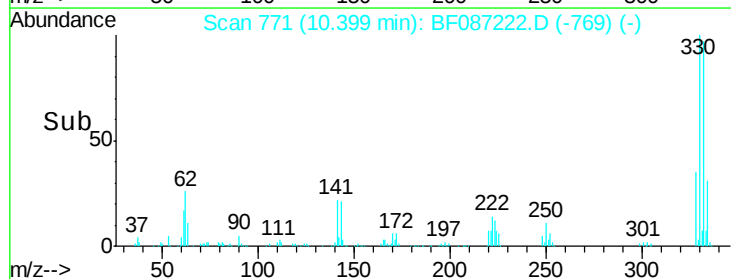
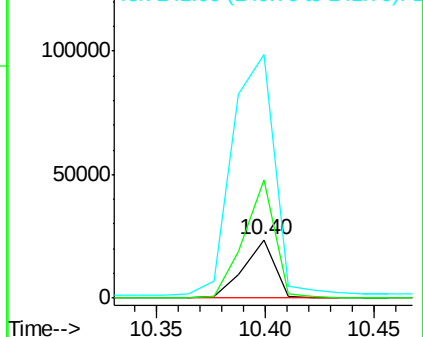


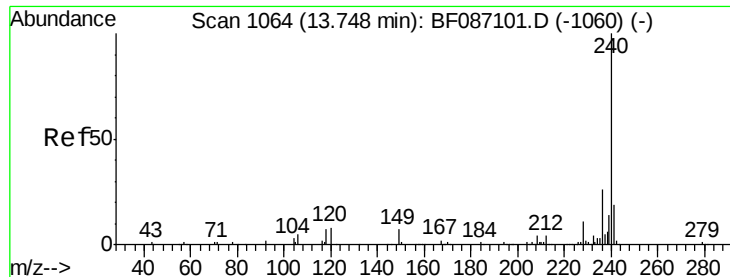
#66
4-Bromophenyl-phenylether
Concen: 6.25 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.27 min
Lab File: BF087222.D
Acq: 20 May 2016 10:00

Tgt Ion:248 Resp: 23690
Ion Ratio Lower Upper
248 100
250 203.4 78.6 117.8#
141 419.3 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: 13.70 min Scan# 1060

Delta R.T. -0.06 min

Lab File: BF087222.D

Acq: 20 May 2016 10:00

Instrument :

BNA_F

ClientSampleId :

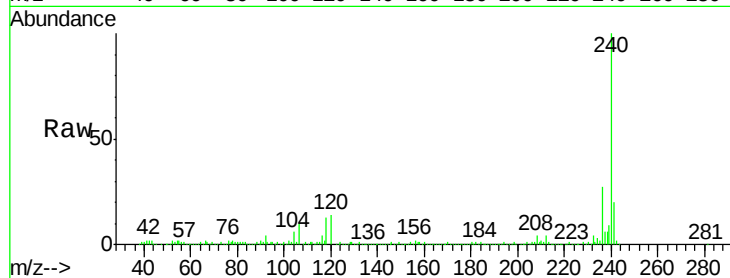
Tot Ion:240 Resp: 275277

Ion Ratio Lower Upper

240 100

120 14.3 11.2 16.8

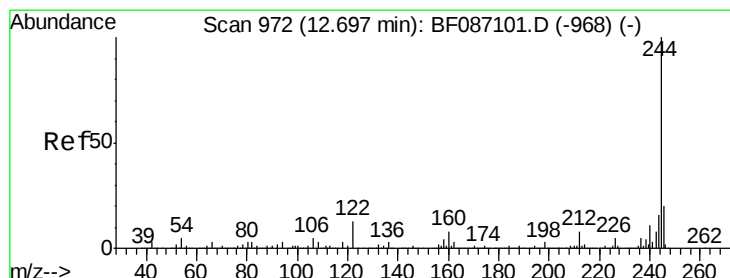
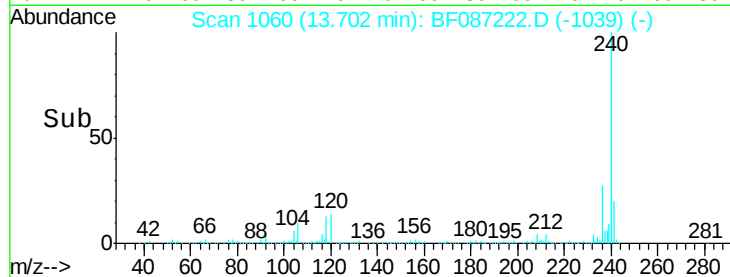
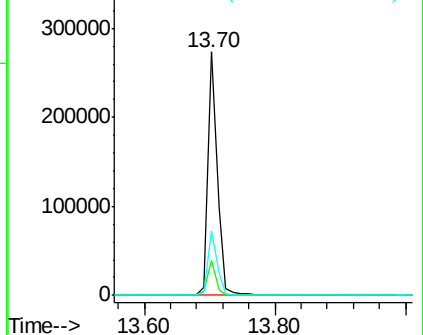
236 26.6 21.2 31.8



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: 74.61 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.05 min

Lab File: BF087222.D

Acq: 20 May 2016 10:00

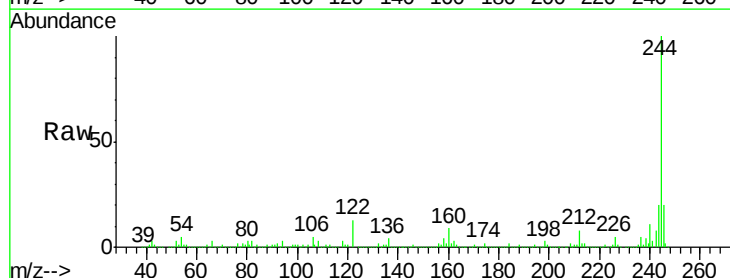
Tgt Ion:244 Resp: 907952

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

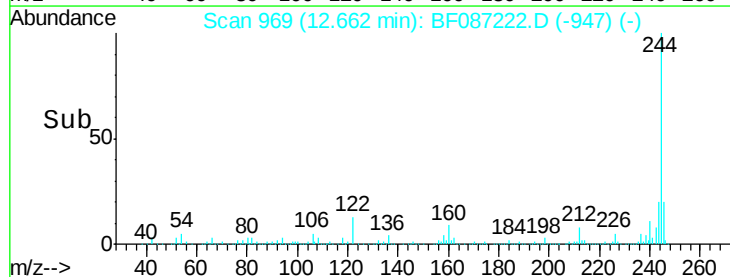
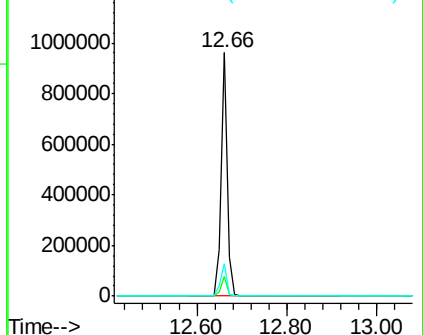
122 13.5 12.0 18.0

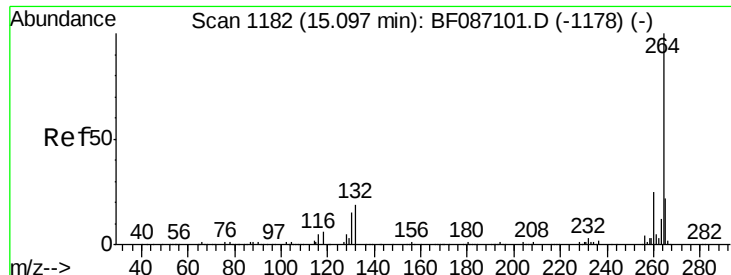


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

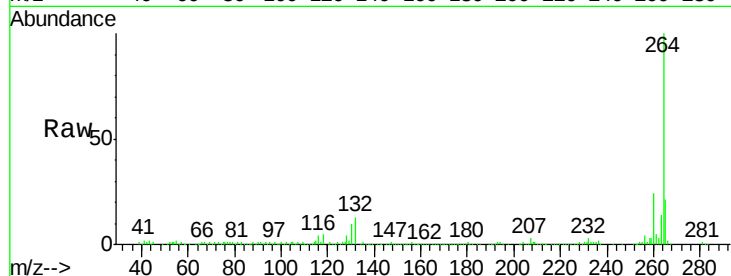




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF087222.D
Acq: 20 May 2016 10:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	20.9	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

