

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031016\
 Data File : BF085347.D
 Acq On : 10 Mar 2016 21:54
 Operator : UM/SJ
 Sample : H1744-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 10 23:57:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

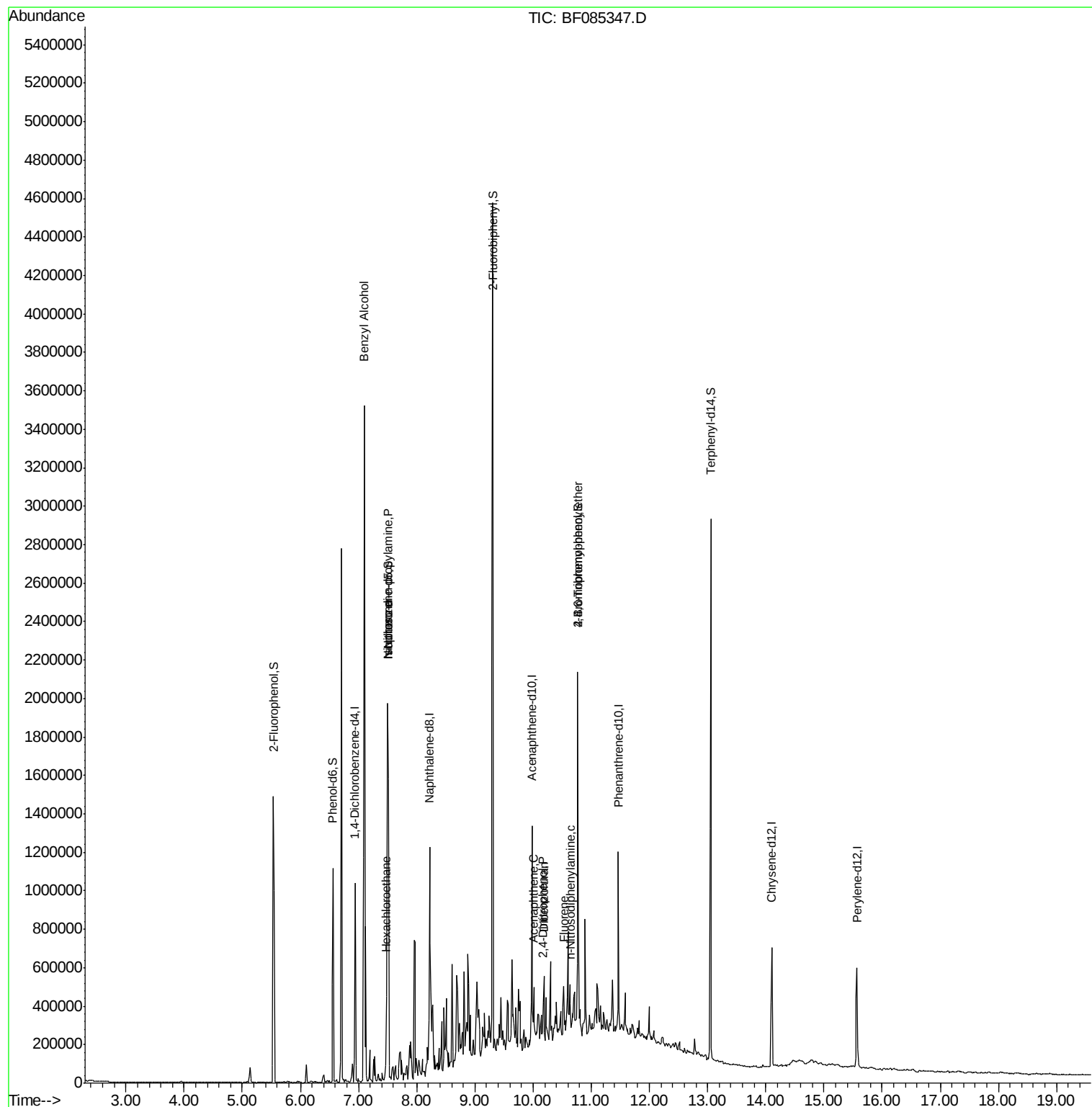
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	141827	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	507593	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	196550	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	310992	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	250548	20.00	ng	-0.05
86) Perylene-d12	15.57	264	249833	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	556700	65.84	ng	-0.05
7) Phenol-d6	6.56	99	455537	41.12	ng	-0.05
23) Nitrobenzene-d5	7.50	82	887326	93.54	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	258271	153.57	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1527051	118.16	ng	-0.05
78) Terphenyl-d14	13.05	244	963984	89.32	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	7.10	79	17670	2.17	ng	# 39
18) Hexachloroethane	7.48	117	59727	14.78	ng	# 44
19) n-Nitroso-di-n-propylamine	7.50	70	118158	16.37	ng	# 79
25) Isophorone	7.50	82	784069	44.60	ng	# 67
51) Acenaphthene	10.01	154	51852	4.29	ng	96
53) 2,4-Dinitrophenol	10.17	184	258	8.17	ng	# 1
54) Dibenzofuran	10.18	168	39037	2.46	ng	# 84
57) Fluorene	10.53	166	60287	4.84	ng	99
65) n-Nitrosodiphenylamine	10.64	169	30784	3.18	ng	# 87
66) 4-Bromophenyl-phenylether	10.77	248	17174	5.69	ng	# 1

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

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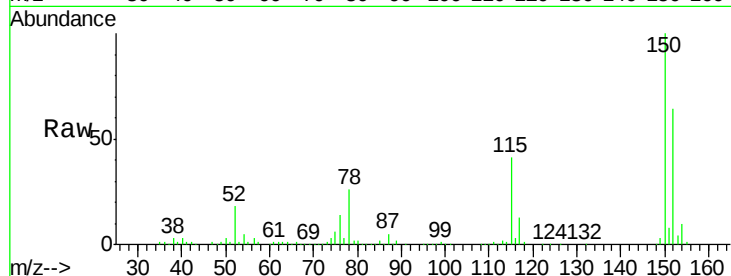




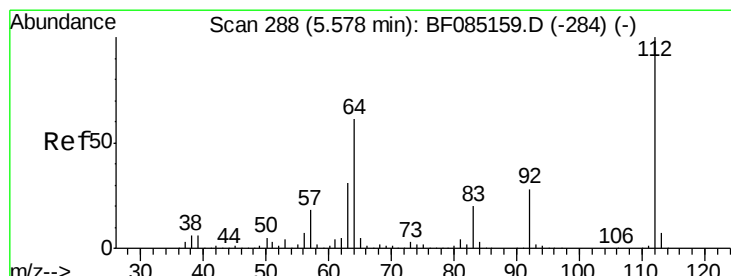
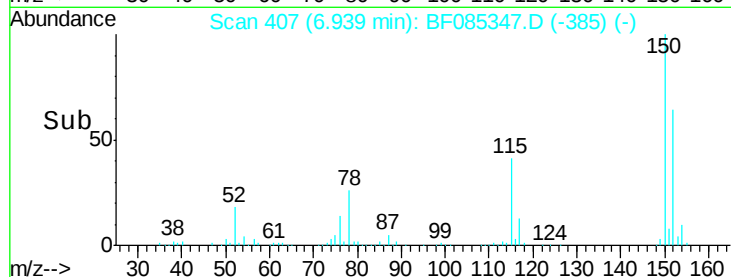
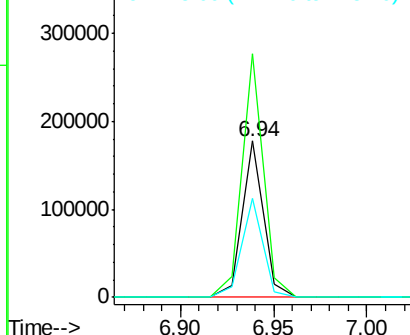
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 407
 Delta R.T. -0.05 min
 Lab File: BF085347.D
 Acq: 10 Mar 2016 21:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 141827
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.6 186.8
 115 63.5 46.6 70.0

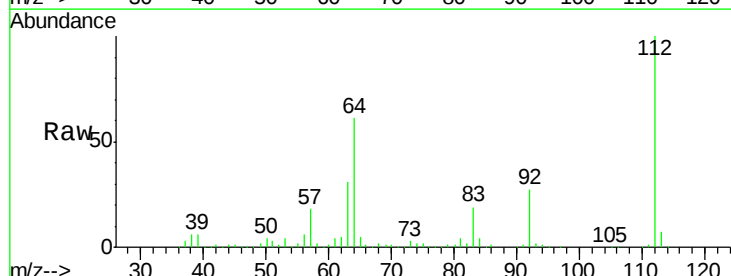


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

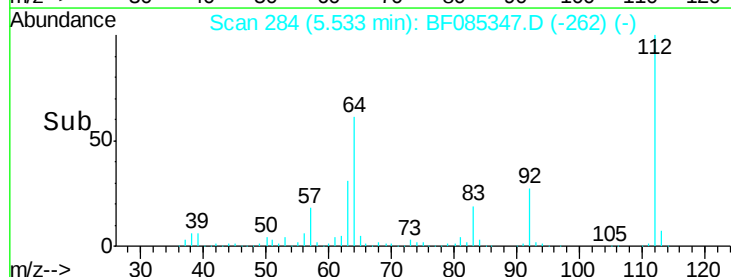
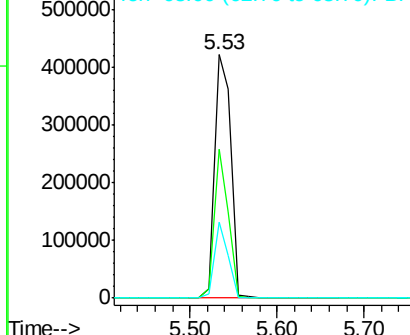


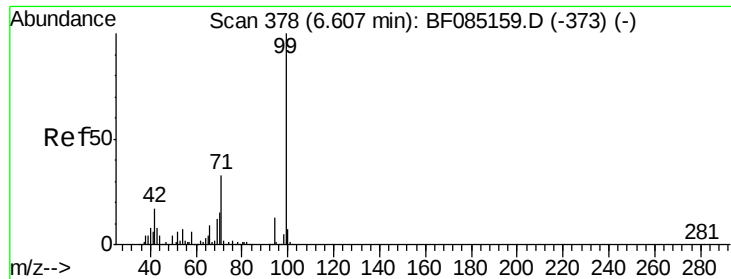
#5
 2-Fluorophenol
 Concen: 65.84 ng
 RT: 5.53 min Scan# 284
 Delta R.T. -0.05 min
 Lab File: BF085347.D
 Acq: 10 Mar 2016 21:54

Tgt Ion:112 Resp: 556700
 Ion Ratio Lower Upper
 112 100
 64 61.3 49.0 73.4
 63 31.0 24.8 37.2



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: 41.12 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085347.D

Acq: 10 Mar 2016 21:54

Instrument :

BNA_F

ClientSampleId :

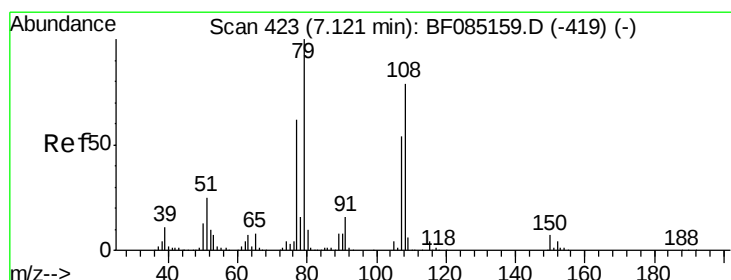
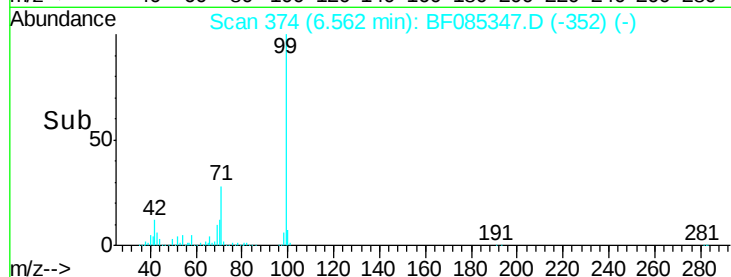
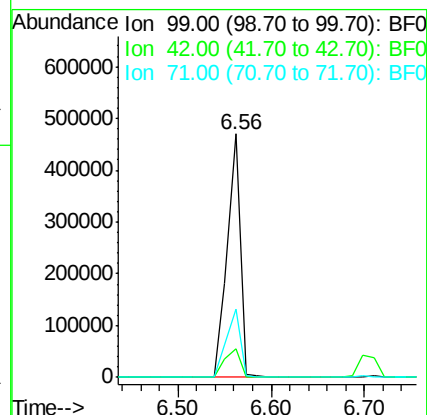
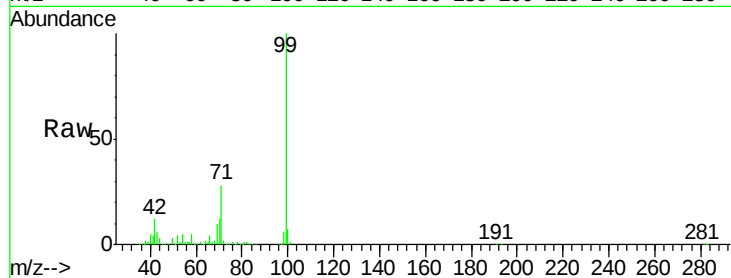
Tot Ion: 99 Resp: 45537

Ion Ratio Lower Upper

99 100

42 11.8 13.6 20.4#

71 28.0 26.7 40.1



#15

Benzyl Alcohol

Concen: 2.17 ng

RT: 7.10 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF085347.D

Acq: 10 Mar 2016 21:54

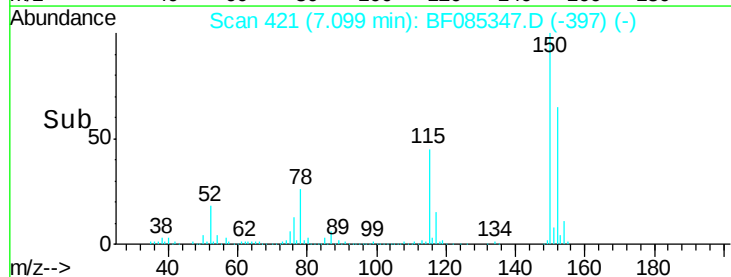
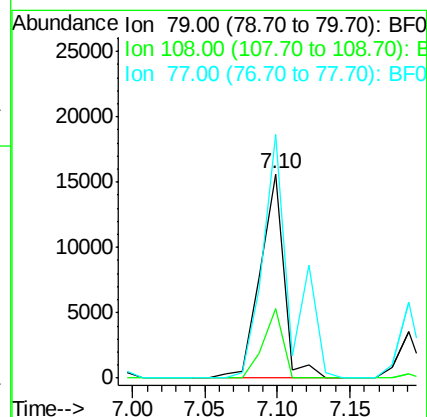
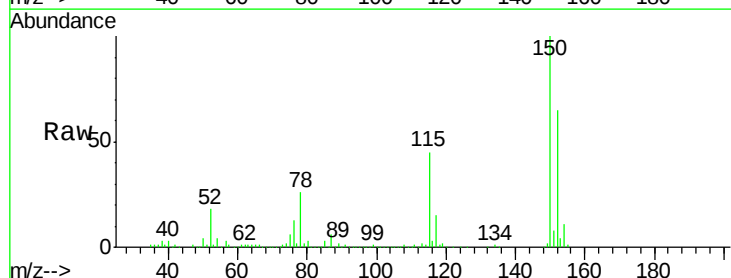
Tgt Ion: 79 Resp: 17670

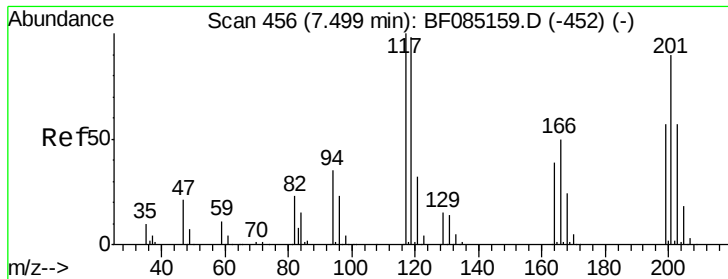
Ion Ratio Lower Upper

79 100

108 34.3 62.9 94.3#

77 119.3 49.5 74.3#

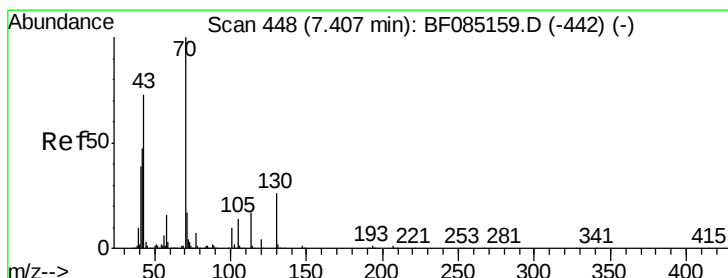
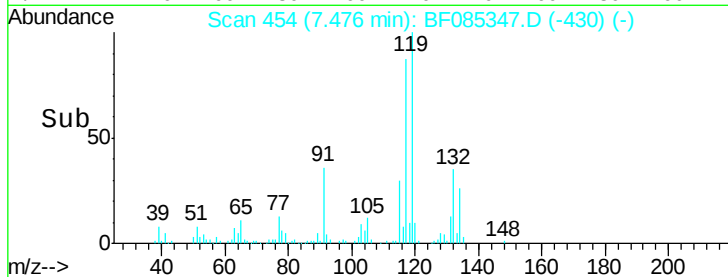
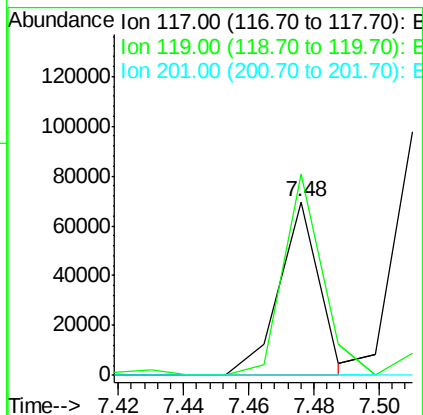
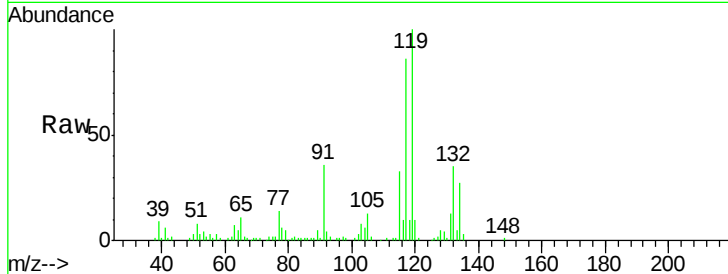




#18
Hexachloroethane
Concen: 14.78 ng
RT: 7.48 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF085347.D
Acq: 10 Mar 2016 21:54

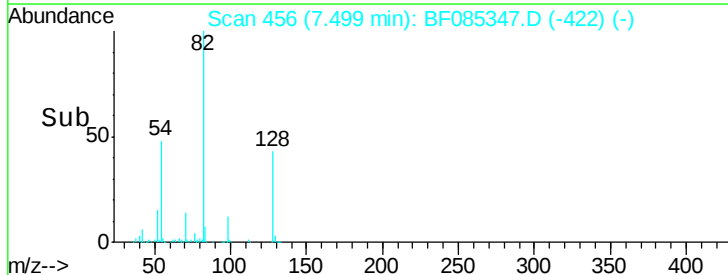
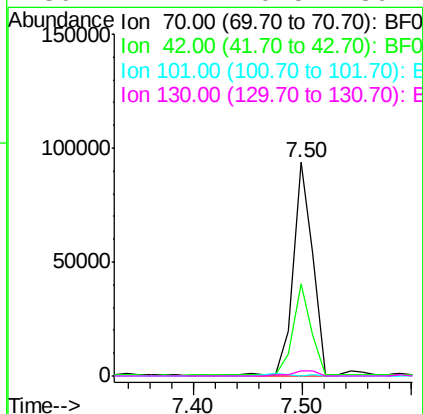
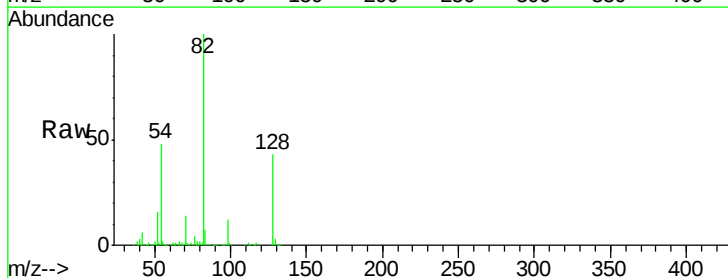
Instrument :
BNA_F
ClientSampleId :

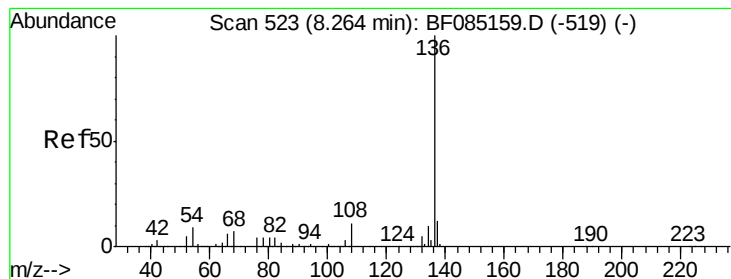
Tot Ion:117 Resp: 59727
Ion Ratio Lower Upper
117 100
119 116.5 78.2 117.4
201 0.0 72.0 108.0#



#19
n-Nitroso-di-n-propylamine
Concen: 16.37 ng
RT: 7.50 min Scan# 456
Delta R.T. 0.09 min
Lab File: BF085347.D
Acq: 10 Mar 2016 21:54

Tgt Ion: 70 Resp: 118158
Ion Ratio Lower Upper
70 100
42 43.1 37.7 56.5
101 0.0 8.2 12.4#
130 2.2 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF085347.D

Acq: 10 Mar 2016 21:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 507593

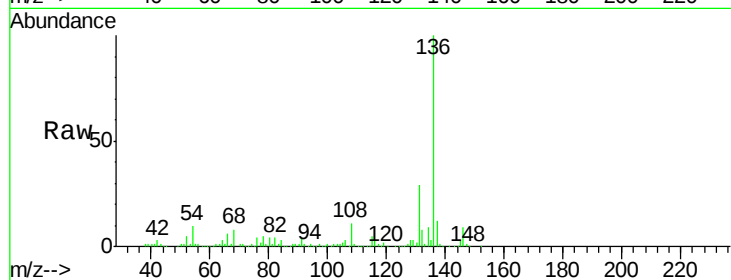
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 9.8 7.4 11.2

68 7.8 6.0 9.0

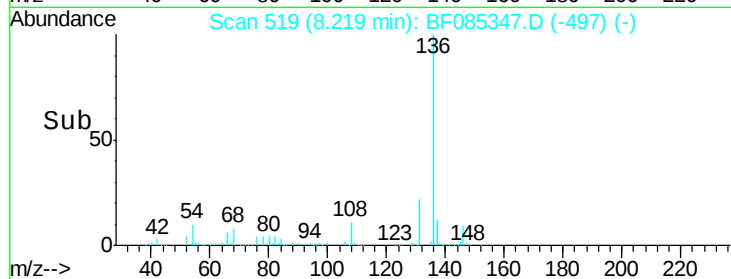


Abundance Ion 136.00 (135.70 to 136.70): E

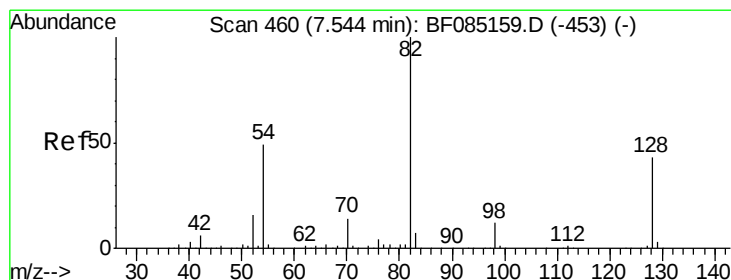
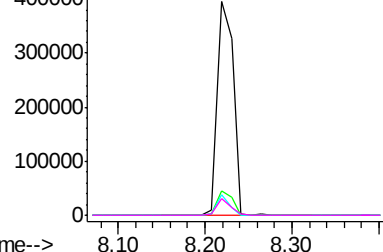
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 93.54 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF085347.D

Acq: 10 Mar 2016 21:54

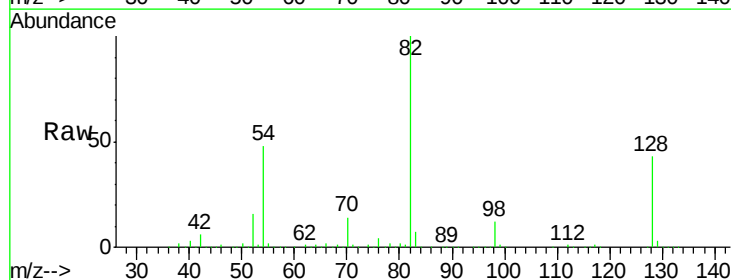
Tgt Ion: 82 Resp: 887326

Ion Ratio Lower Upper

82 100

128 42.8 34.5 51.7

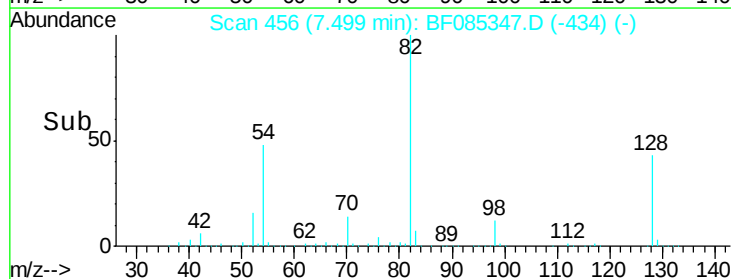
54 48.0 39.3 58.9



Abundance Ion 82.00 (81.70 to 82.70): BF0

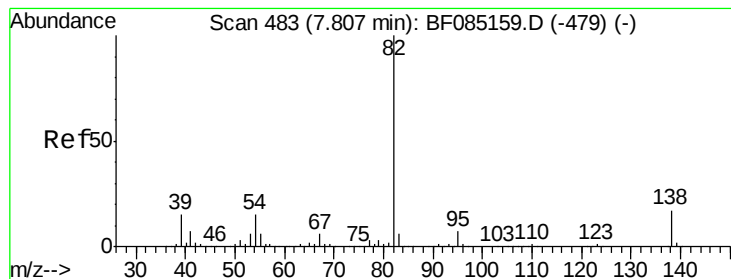
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 44.60 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.31 min

Lab File: BF085347.D

Acq: 10 Mar 2016 21:54

Instrument :

BNA_F

ClientSampled :

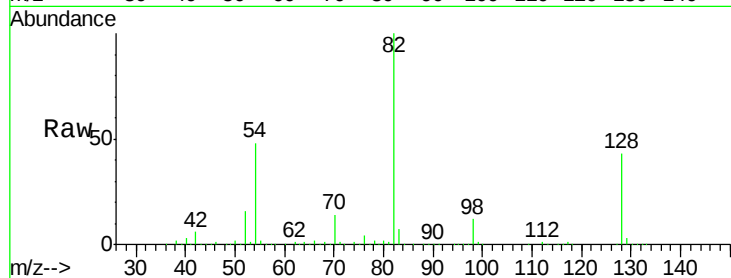
Tot Ion: 82 Resp: 784069

Ion Ratio Lower Upper

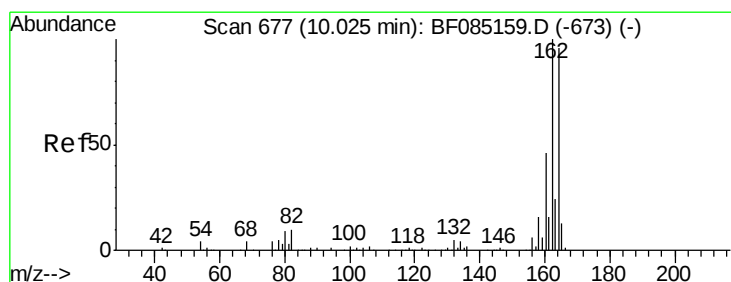
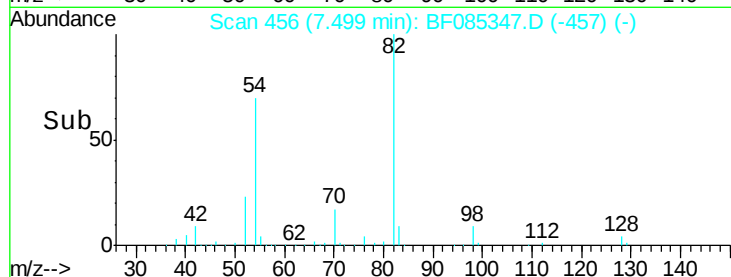
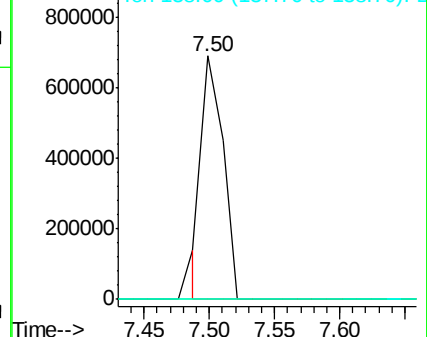
82 100

95 0.1 5.4 8.2#

138 0.0 13.3 19.9#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.05 min

Lab File: BF085347.D

Acq: 10 Mar 2016 21:54

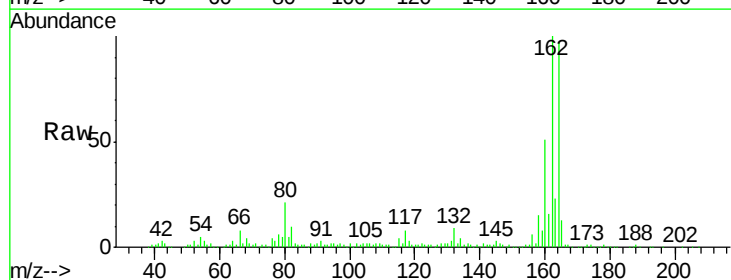
Tgt Ion:164 Resp: 196550

Ion Ratio Lower Upper

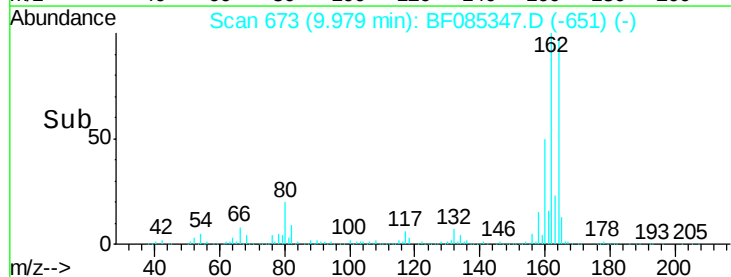
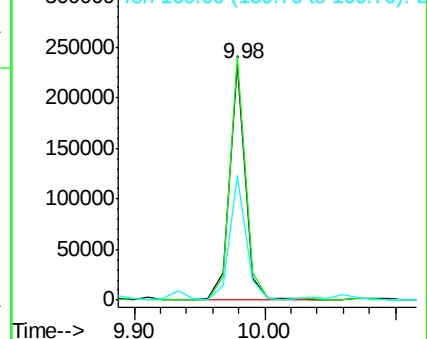
164 100

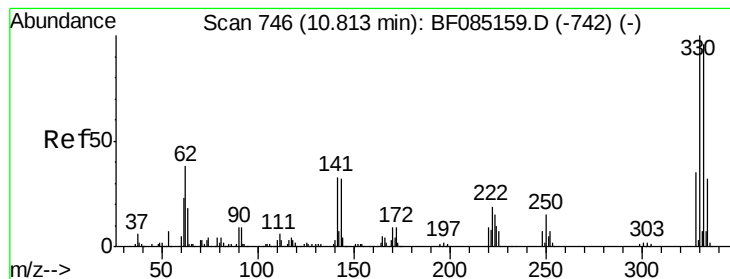
162 103.2 83.3 124.9

160 52.9 37.9 56.9



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: 153.57 ng

RT: 10.77 min Scan# 742

Delta R.T. -0.05 min

Lab File: BF085347.D

Acq: 10 Mar 2016 21:54

Instrument :

BNA_F

ClientSampleId :

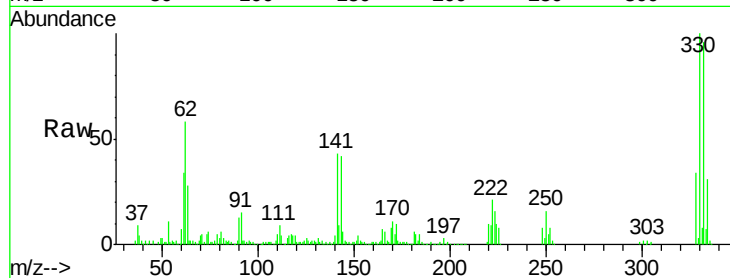
Tot Ion:330 Resp: 258271

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

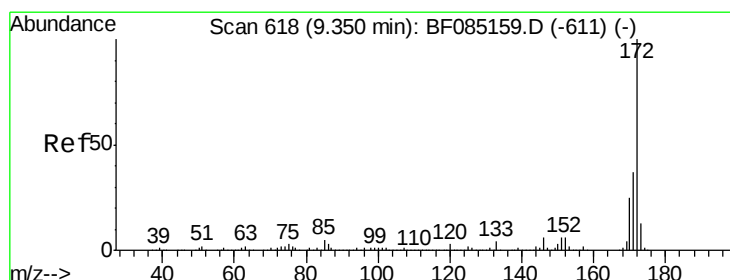
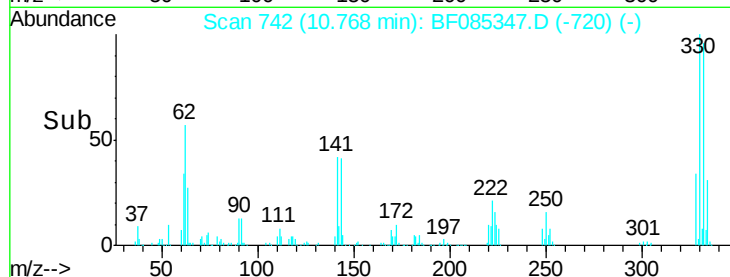
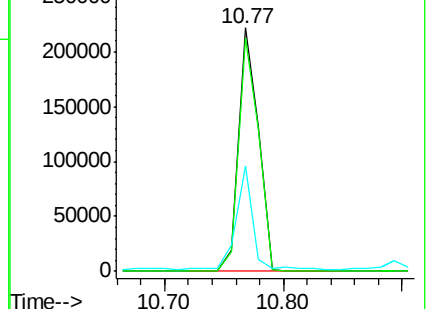
141 35.0 35.0 52.6#



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: 118.16 ng

RT: 9.30 min Scan# 614

Delta R.T. -0.05 min

Lab File: BF085347.D

Acq: 10 Mar 2016 21:54

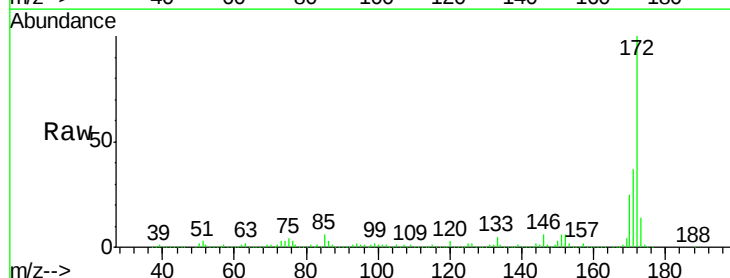
Tgt Ion:172 Resp: 1527051

Ion Ratio Lower Upper

172 100

171 37.1 29.3 43.9

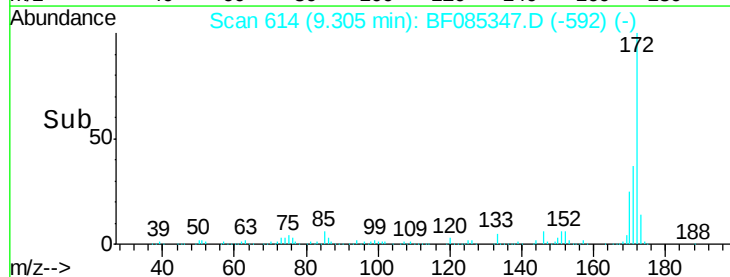
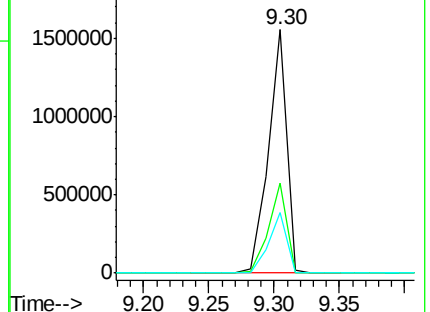
170 25.1 20.0 30.0

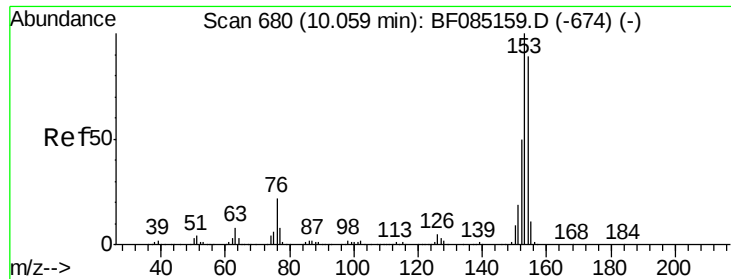


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

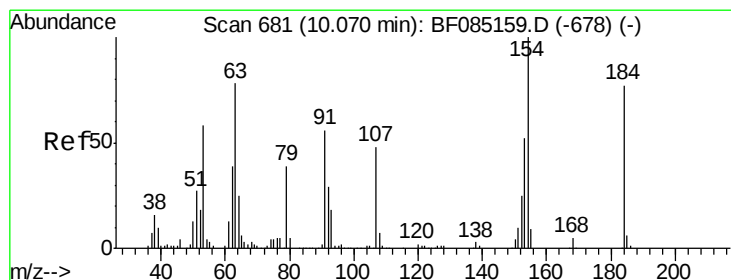
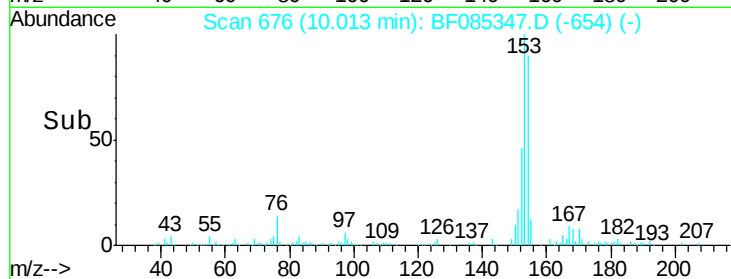
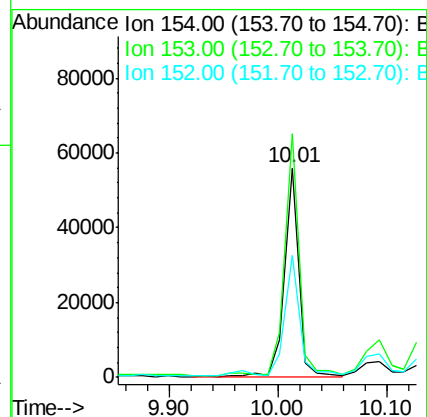
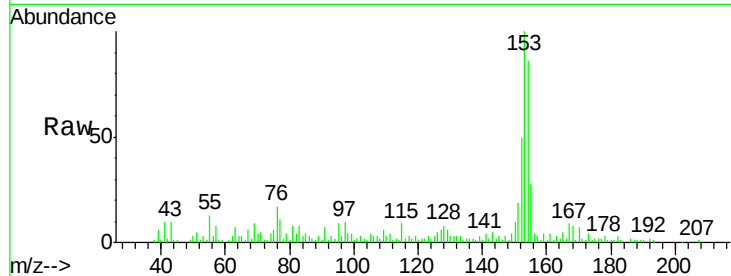




#51
Acenaphthene
Concen: 4.29 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.05 min
Lab File: BF085347.D
Acq: 10 Mar 2016 21:54

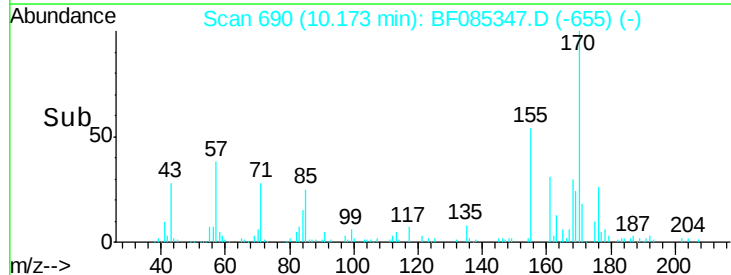
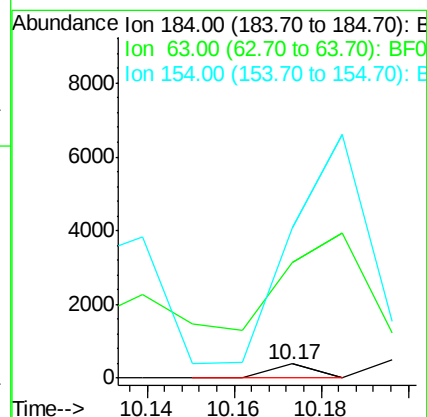
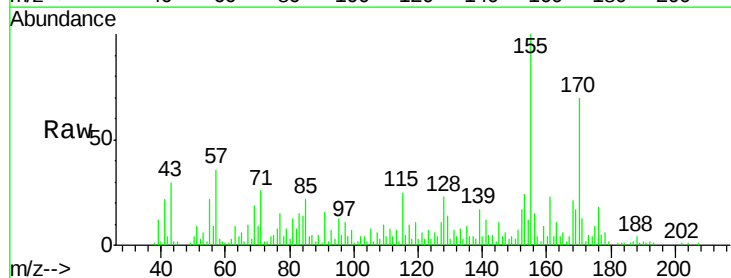
Instrument :
BNA_F
ClientSampleId :

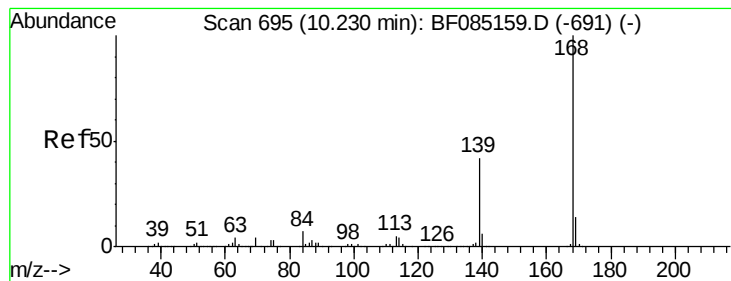
Tot Ion:154 Resp: 51852
Ion Ratio Lower Upper
154 100
153 116.5 89.8 134.8
152 58.5 44.6 66.8



#53
2,4-Dinitrophenol
Concen: 8.17 ng
RT: 10.17 min Scan# 690
Delta R.T. 0.10 min
Lab File: BF085347.D
Acq: 10 Mar 2016 21:54

Tgt Ion:184 Resp: 258
Ion Ratio Lower Upper
184 100
63 834.0 82.2 123.4#
154 1085.1 108.9 163.3#





#54

Dibenzenofuran

Concen: 2.46 ng

RT: 10.18 min Scan# 691

Delta R.T. -0.05 min

Lab File: BF085347.D

Acq: 10 Mar 2016 21:54

Instrument :

BNA_F

ClientSampleId :

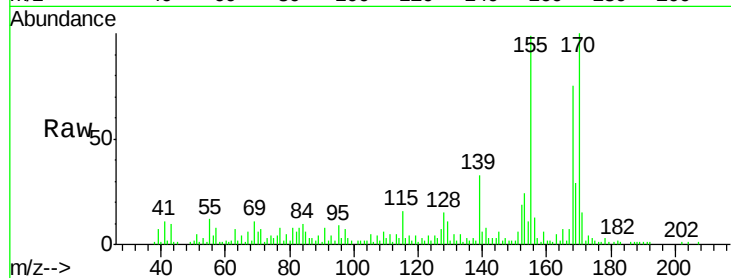
Tot Ion:168 Resp: 39037

Ion Ratio Lower Upper

168 100

139 43.3 33.6 50.4

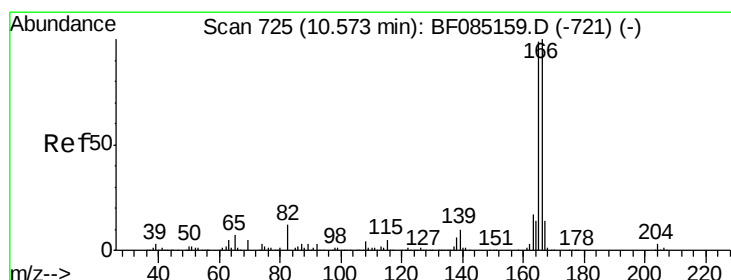
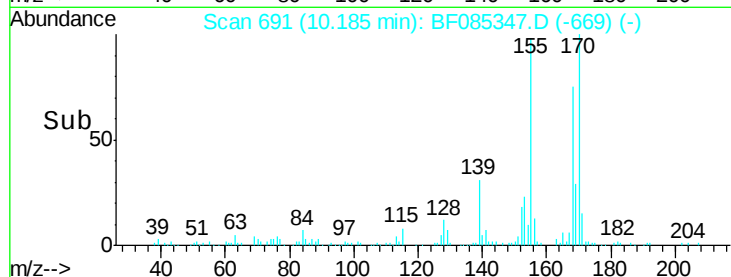
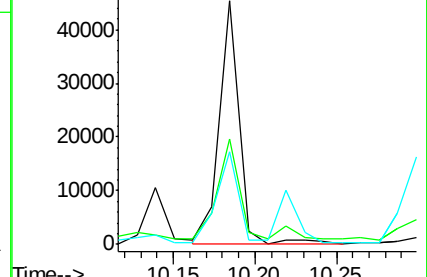
169 38.1 11.2 16.8#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#57

Fluorene

Concen: 4.84 ng

RT: 10.53 min Scan# 721

Delta R.T. -0.05 min

Lab File: BF085347.D

Acq: 10 Mar 2016 21:54

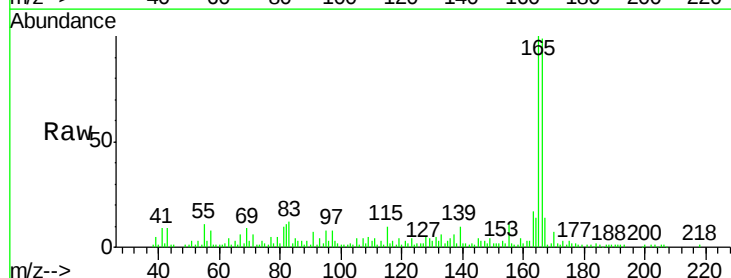
Tgt Ion:166 Resp: 60287

Ion Ratio Lower Upper

166 100

165 100.5 79.4 119.0

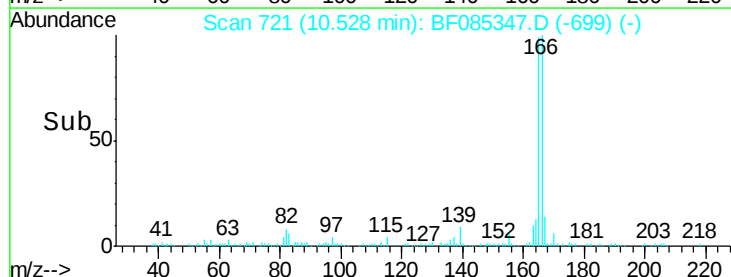
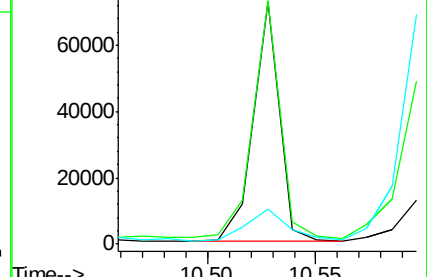
167 14.5 11.0 16.6

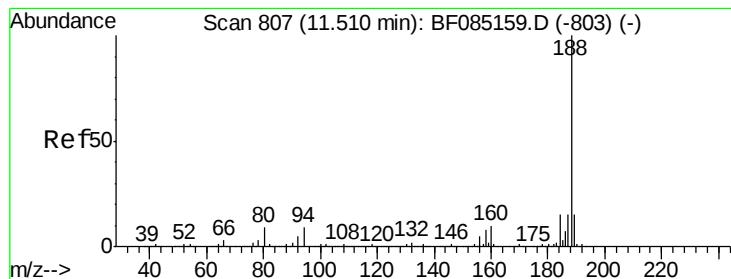


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 803

Delta R.T. -0.05 min

Lab File: BF085347.D

Acq: 10 Mar 2016 21:54

Instrument :

BNA_F

ClientSampleId :

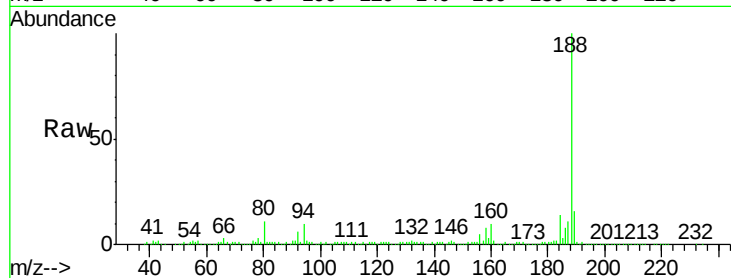
Tot Ion:188 Resp: 310992

Ion Ratio Lower Upper

188 100

94 10.3 7.0 10.6

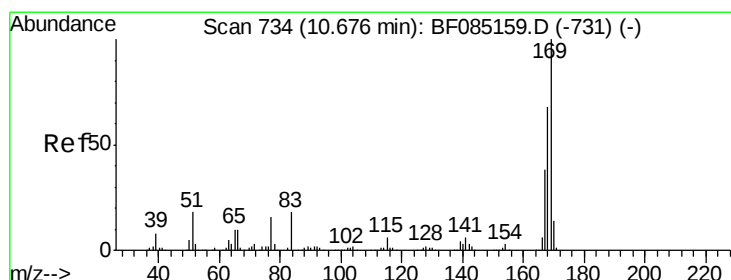
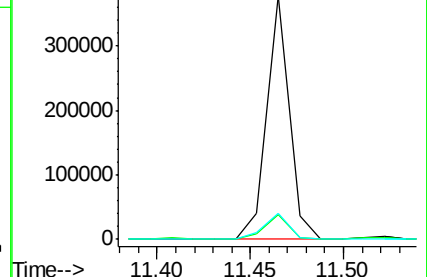
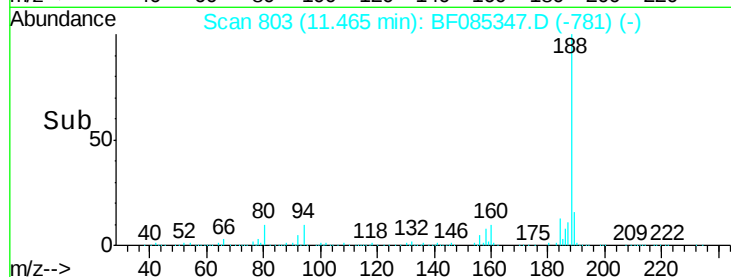
80 10.6 7.4 11.0



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



#65

n-Nitrosodiphenylamine

Concen: 3.18 ng

RT: 10.64 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF085347.D

Acq: 10 Mar 2016 21:54

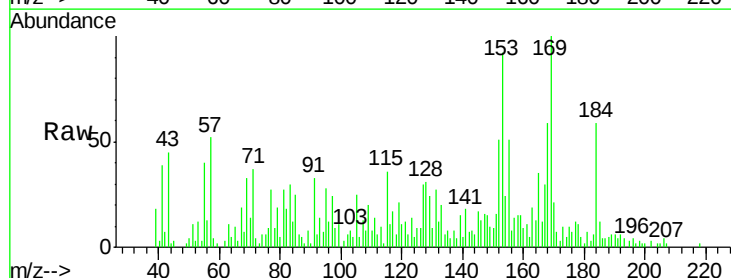
Tgt Ion:169 Resp: 30784

Ion Ratio Lower Upper

169 100

168 58.6 54.8 82.2

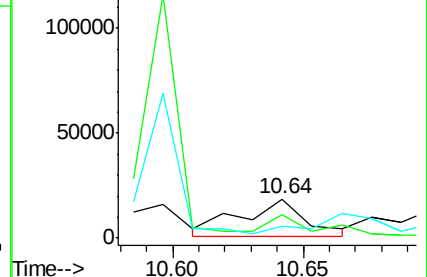
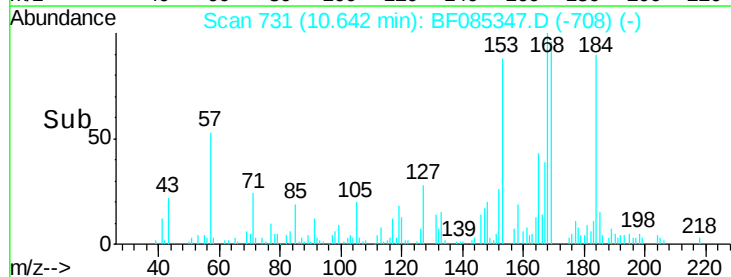
167 29.8 30.3 45.5#

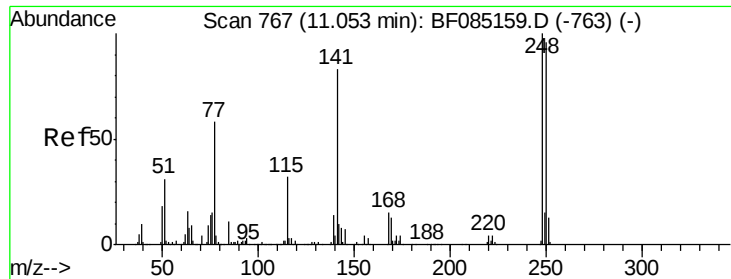


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

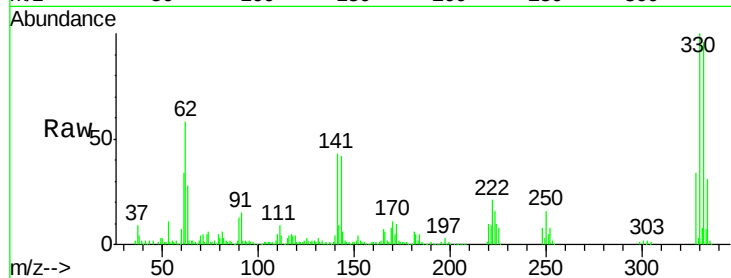




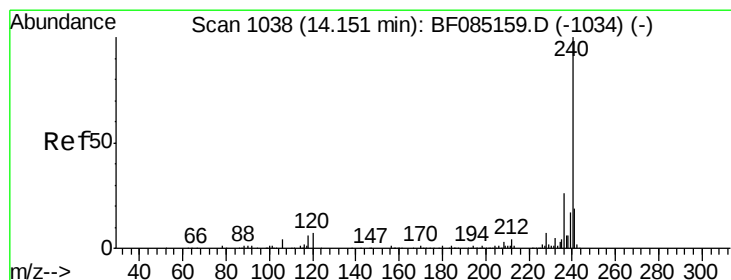
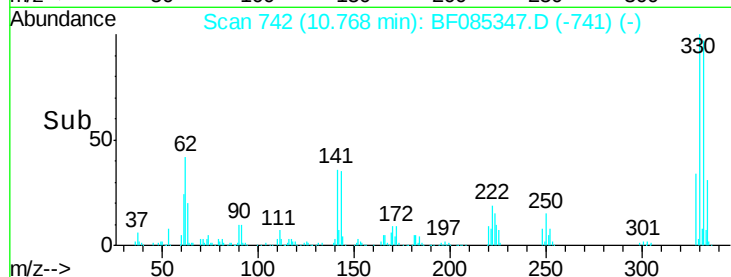
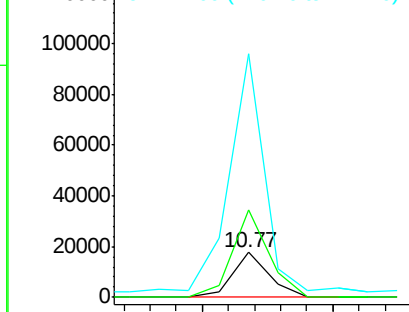
#66
4-Bromophenyl-phenylether
Concen: 5.69 ng
RT: 10.77 min Scan# 742
Delta R.T. -0.29 min
Lab File: BF085347.D
Acq: 10 Mar 2016 21:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 17174
Ion Ratio Lower Upper
248 100
250 195.8 77.1 115.7#
141 541.4 66.2 99.2#

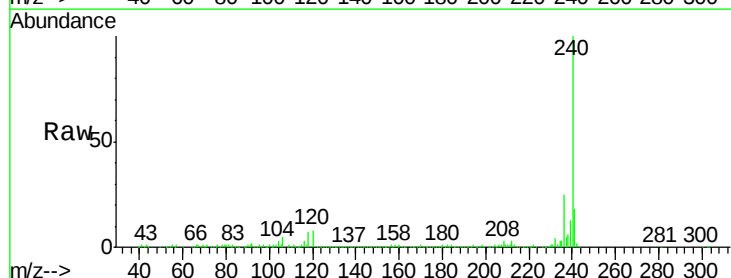


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

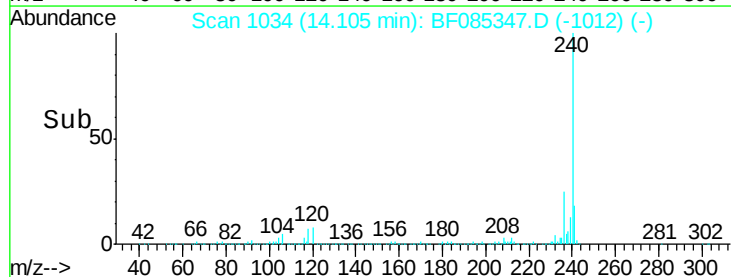
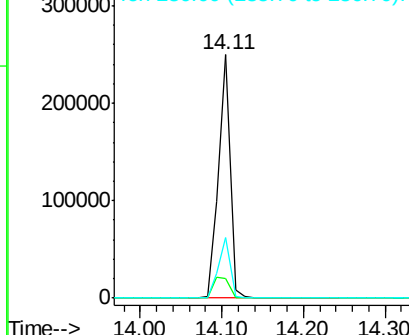


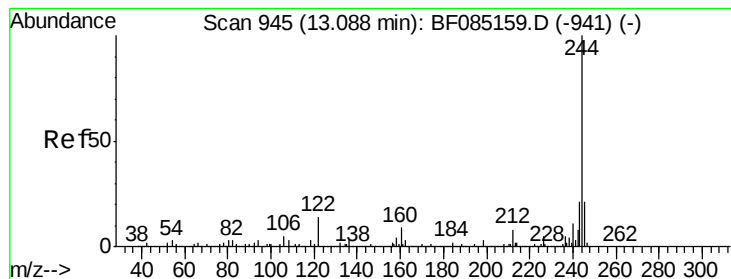
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.05 min
Lab File: BF085347.D
Acq: 10 Mar 2016 21:54

Tgt Ion:240 Resp: 250548
Ion Ratio Lower Upper
240 100
120 8.2 5.3 7.9#
236 24.8 20.7 31.1



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: 89.32 ng

RT: 13.05 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF085347.D

Acq: 10 Mar 2016 21:54

Instrument :

BNA_F

ClientSampleId :

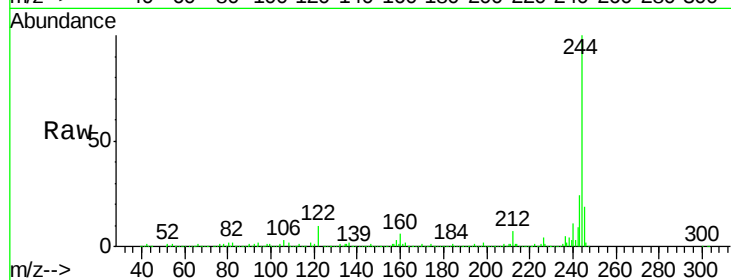
Tot Ion:244 Resp: 963984

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

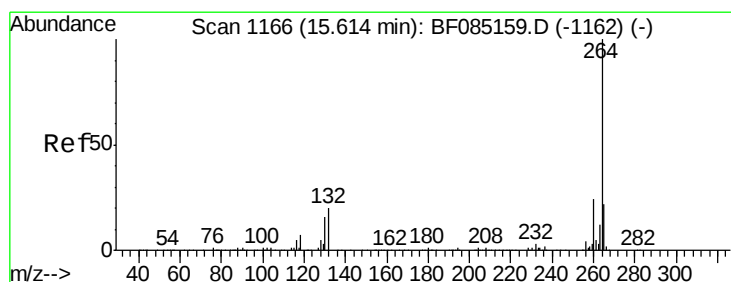
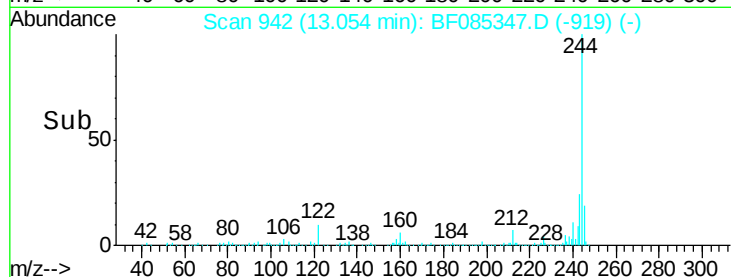
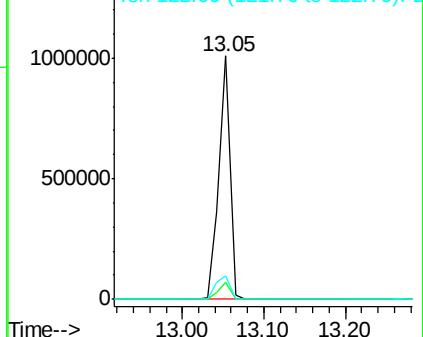
122 9.7 11.4 17.2#



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: 15.57 min Scan# 1162

Delta R.T. -0.05 min

Lab File: BF085347.D

Acq: 10 Mar 2016 21:54

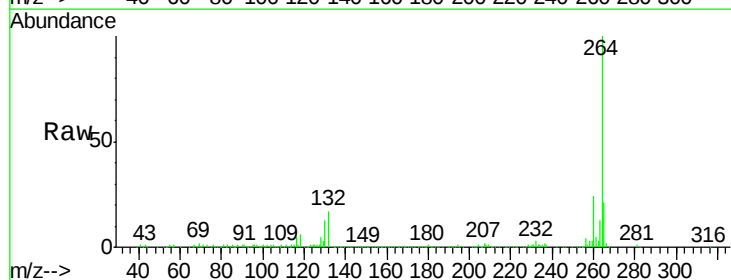
Tgt Ion:264 Resp: 249833

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.0 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

