

Data Path : Z:\HPCHEM1\BNA F\Data\BF103116\
 Data File : BF090924.D
 Acq On : 31 Oct 2016 13:28
 Operator : UM/SJ
 Sample : H5411-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 10:32:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 15:18:12 2016
 Response via : Initial Calibration

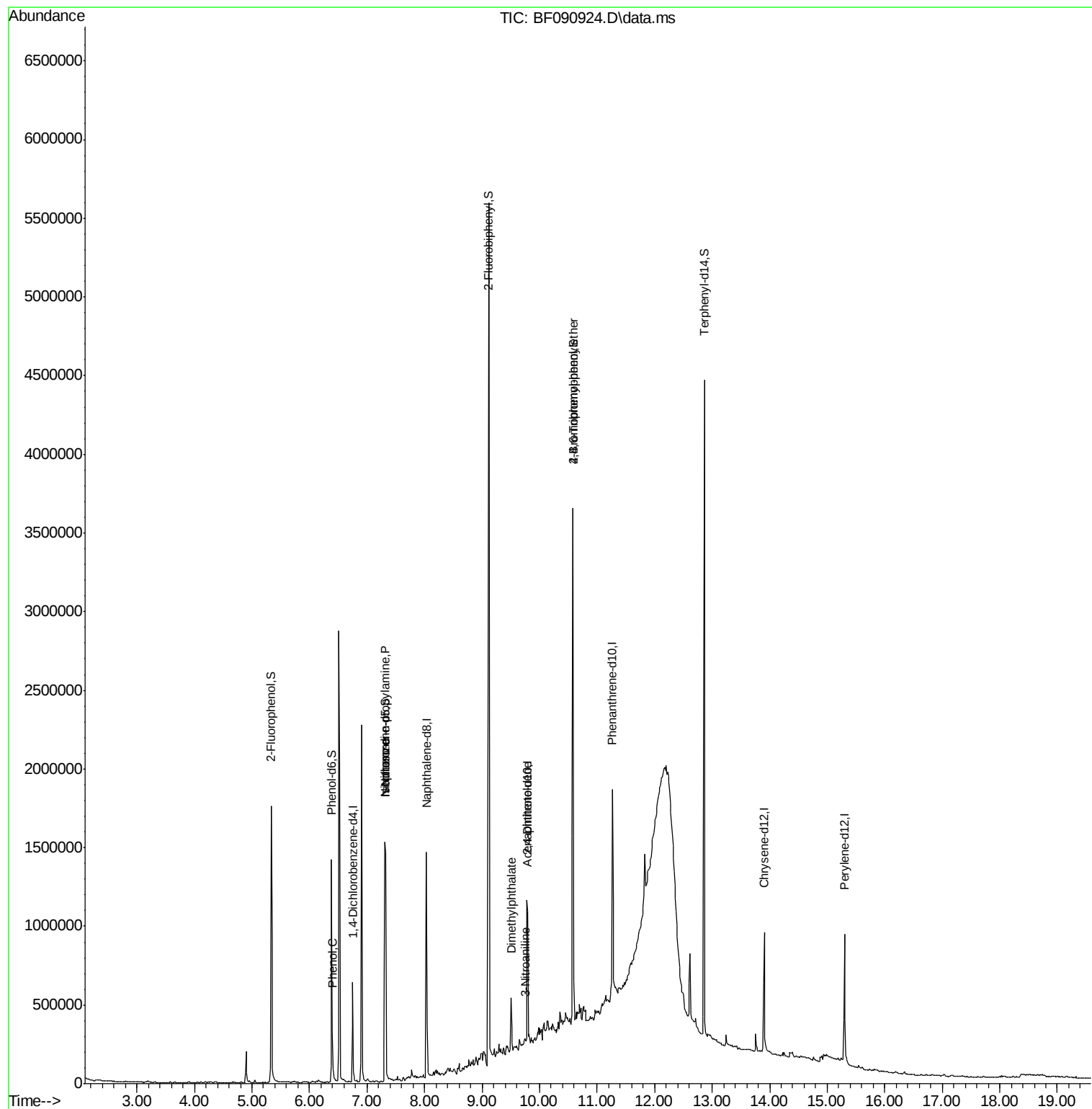
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.750	152	144461	20.00	ng	-0.01
21) Naphthalene-d8	8.030	136	677367	20.00	ng	-0.02
38) Acenaphthene-d10	9.790	164	316266	20.00	ng	-0.02
63) Phenanthrene-d10	11.265	188	549626	20.00	ng	-0.02
75) Chrysene-d12	13.905	240	344301	20.00	ng	-0.02
86) Perylene-d12	15.299	264	341384	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.333	112	645537	78.13	ng	-0.02
7) Phenol-d6	6.384	99	534276	47.93	ng	-0.03
23) Nitrobenzene-d5	7.310	82	875954	84.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.579	330	494270	152.08	ng	-0.02
44) 2-Fluorobiphenyl	9.116	172	1916309	106.40	ng	-0.02
78) Terphenyl-d14	12.865	244	1780569	130.29	ng	-0.01
Target Compounds						
10) Phenol	6.396	94	24740	2.01	ng	# 54
19) n-Nitroso-di-n-propyla...	7.310	70	113328	17.58	ng	# 50
25) Isophorone	7.310	82	798505	38.03	ng	# 59
49) Dimethylphthalate	9.505	163	141166	6.68	ng	# 97
52) 3-Nitroaniline	9.756	138	12717	2.56	ng	# 23
56) 2,4-Dinitrotoluene	9.779	165	41771	7.21	ng	# 36
66) 4-Bromophenyl-phenylether	10.579	248	32936	5.47	ng	# 1

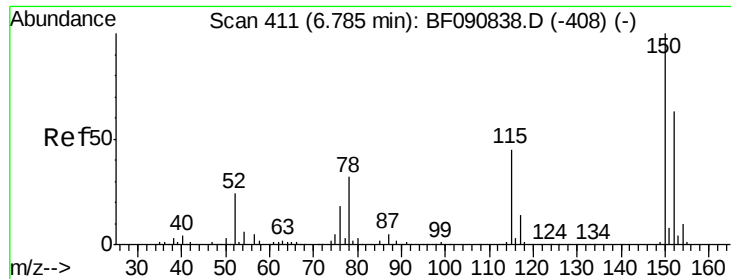
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF103116\
Data File : BF090924.D
Acq On : 31 Oct 2016 13:28
Operator : UM/SJ
Sample : H5411-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 01 10:32:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 28 15:18:12 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.750 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF090924.D

Acq: 31 Oct 2016 13:28

Instrument :

BNA_F

ClientSampled :

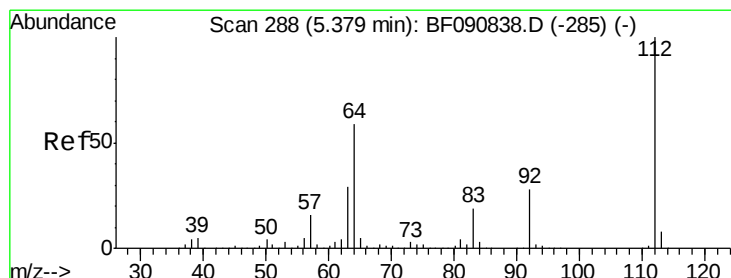
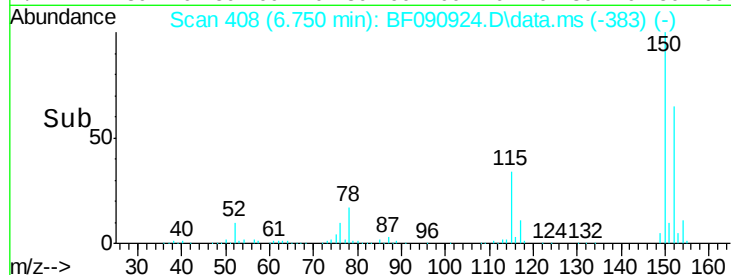
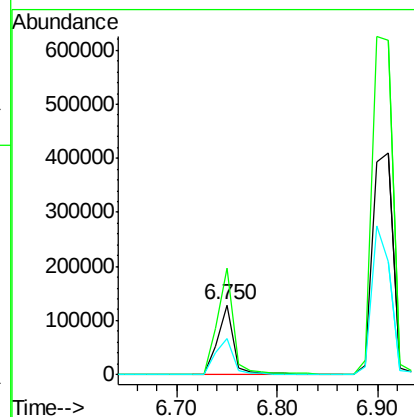
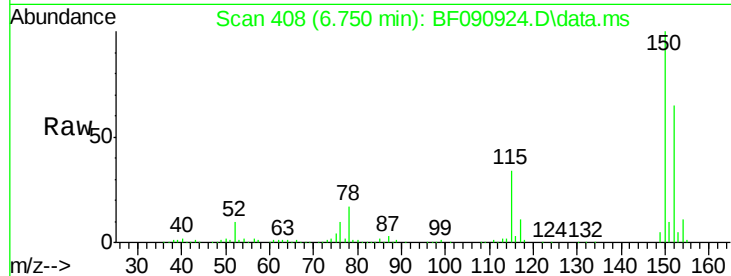
Tot Ion:152 Resp: 144461

Ion Ratio Lower Upper

152 100

150 152.9 124.7 187.1

115 51.5 39.0 58.4



#5

2-Fluorophenol

Concen: 78.13 ng

RT: 5.333 min Scan# 284

Delta R.T. -0.023 min

Lab File: BF090924.D

Acq: 31 Oct 2016 13:28

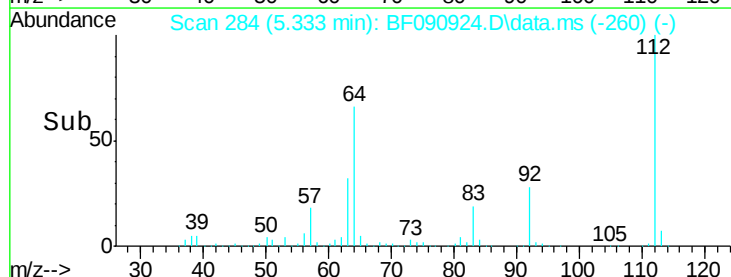
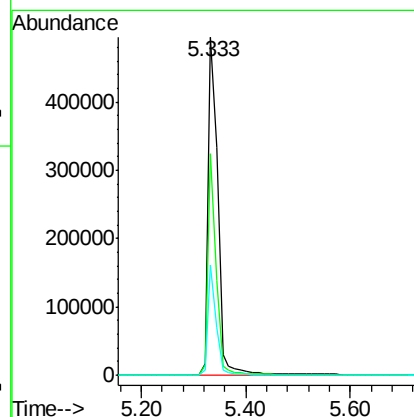
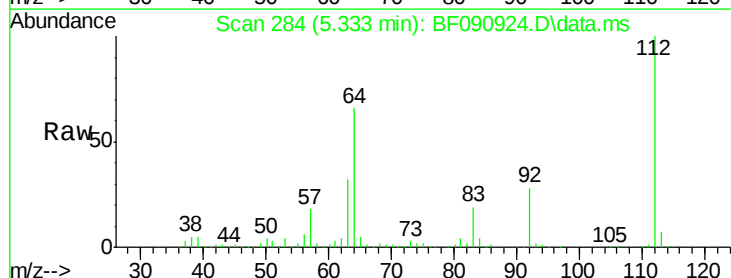
Tgt Ion:112 Resp: 645537

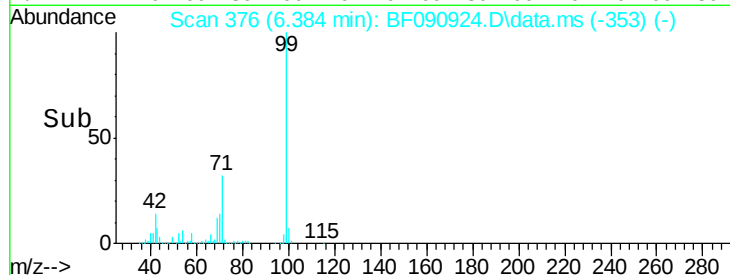
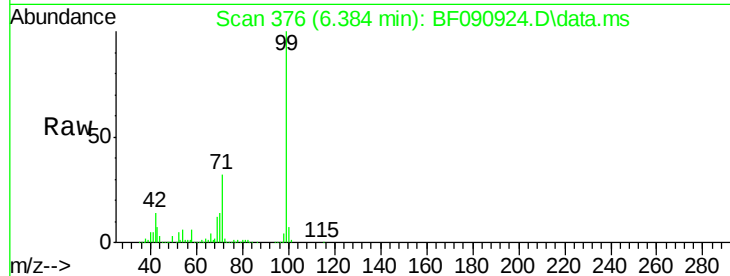
Ion Ratio Lower Upper

112 100

64 65.7 39.7 59.5#

63 32.4 17.4 26.0#





#7

Phenol-d6

Concen: 47.93 ng

RT: 6.384 min Scan# 37

Delta R.T. -0.034 min

Lab File: BF090924.D

Acq: 31 Oct 2016 13:28

Instrument :

BNA_F

ClientSampleId :

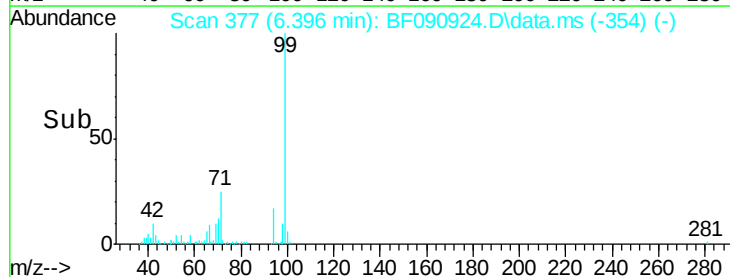
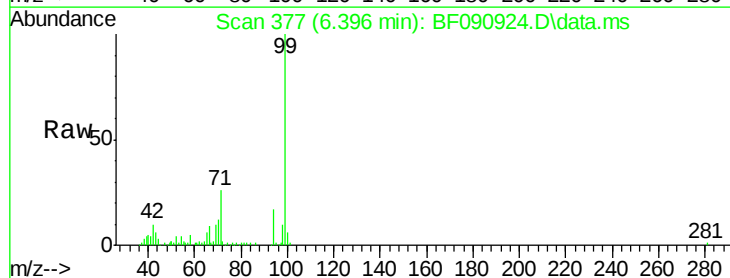
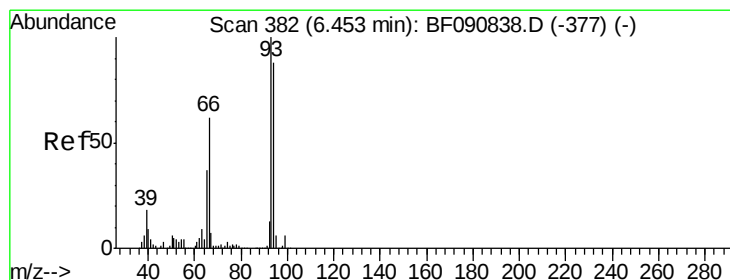
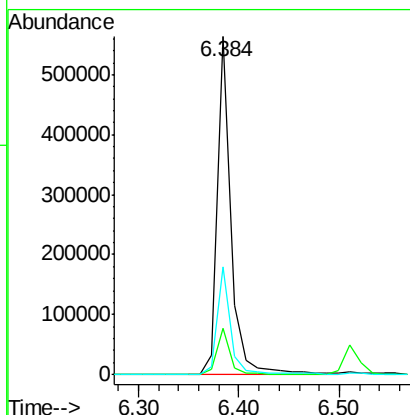
Tot Ion: 99 Resp: 534276

Ion Ratio Lower Upper

99 100

42 13.7 13.7 20.5#

71 31.8 14.2 21.2#



#10

Phenol

Concen: 2.01 ng

RT: 6.396 min Scan# 377

Delta R.T. -0.034 min

Lab File: BF090924.D

Acq: 31 Oct 2016 13:28

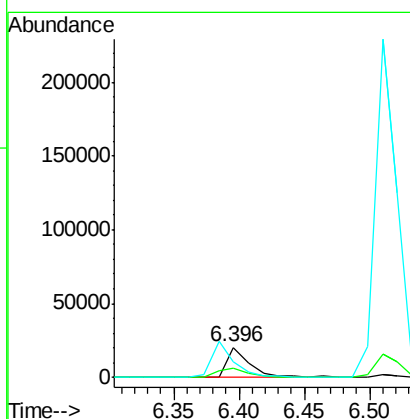
Tgt Ion: 94 Resp: 24740

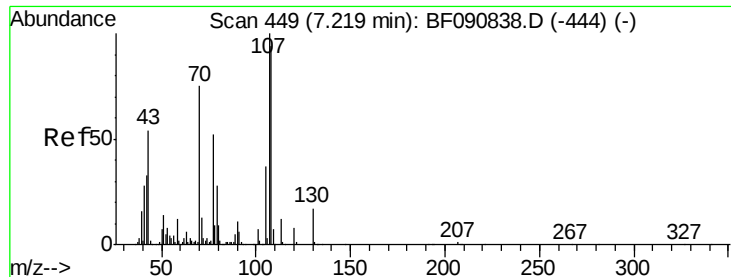
Ion Ratio Lower Upper

94 100

65 31.9 0.7 40.7

66 52.8 0.8 40.8#

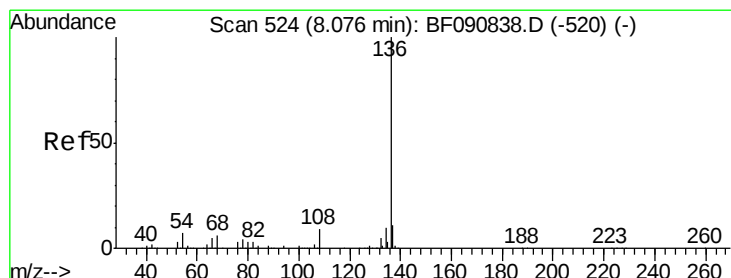
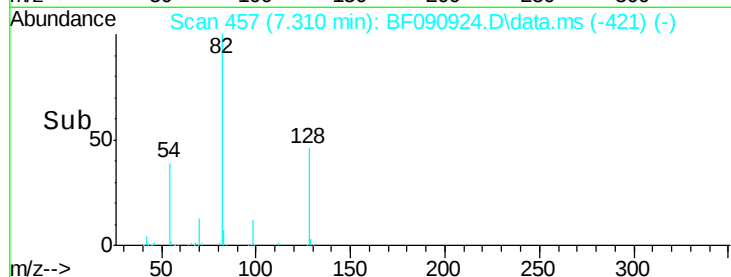
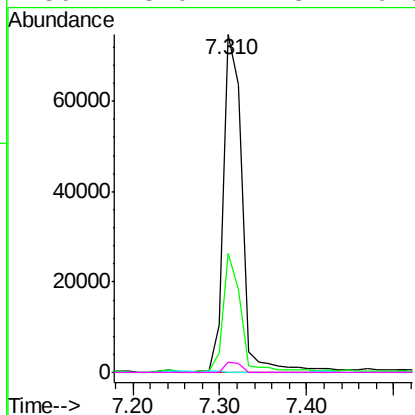
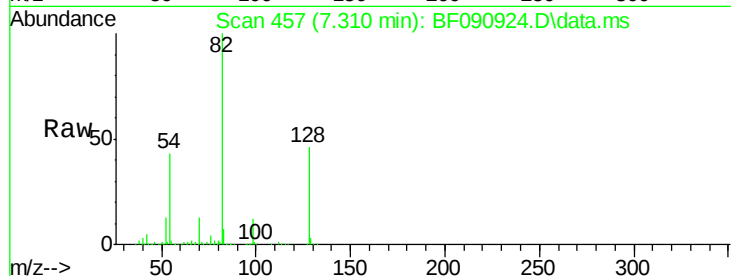




#19
n-Nitroso-di-n-propylamine
Concen: 17.58 ng
RT: 7.310 min Scan# 45
Delta R.T. 0.114 min
Lab File: BF090924.D
Acq: 31 Oct 2016 13:28

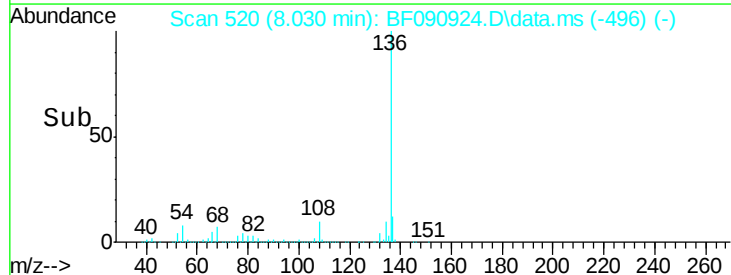
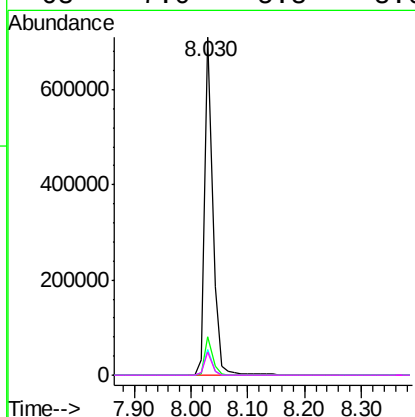
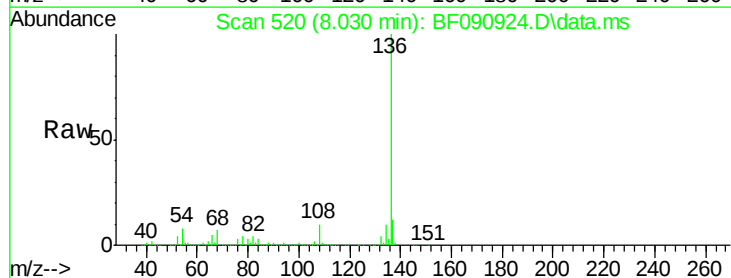
Instrument :
BNA_F
ClientSampleId :

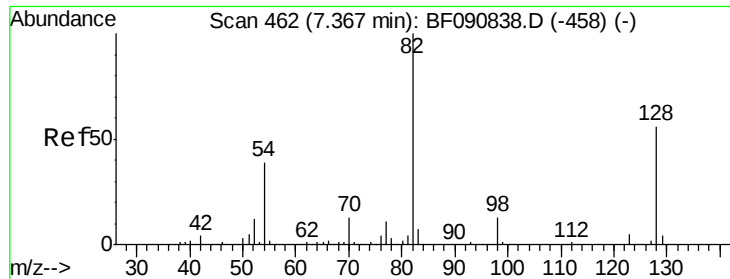
Tot Ion: 70 Resp: 113328
Ion Ratio Lower Upper
70 100
42 35.1 63.8 95.6#
101 0.0 9.2 13.8#
130 3.0 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.030 min Scan# 520
Delta R.T. -0.023 min
Lab File: BF090924.D
Acq: 31 Oct 2016 13:28

Tgt Ion:136 Resp: 677367
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 7.6 8.2 12.2#
68 7.0 5.8 8.6





#23

Nitrobenzene-d5

Concen: 84.66 ng

RT: 7.310 min Scan# 45

Delta R.T. -0.023 min

Lab File: BF090924.D

Acq: 31 Oct 2016 13:28

Instrument :

BNA_F

ClientSampleId :

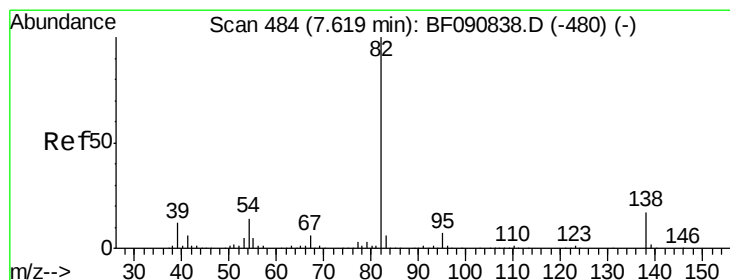
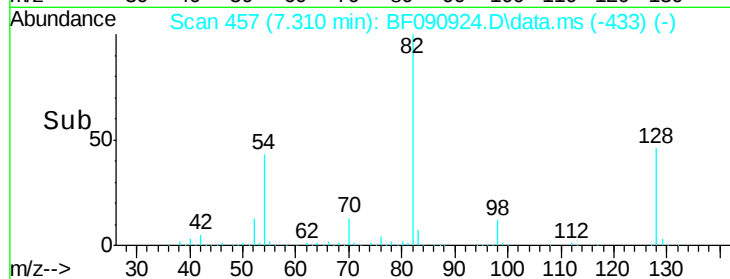
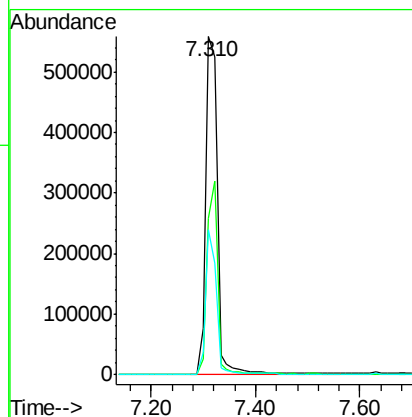
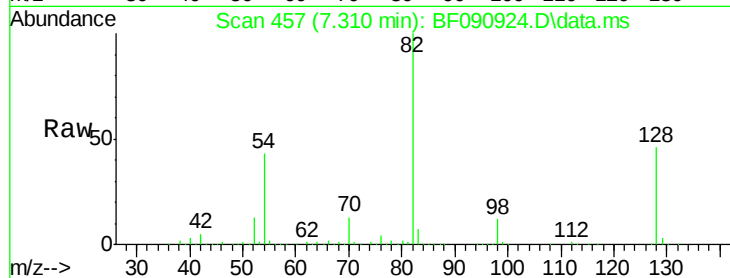
Tot Ion: 82 Resp: 875954

Ion Ratio Lower Upper

82 100

128 46.3 51.0 76.6#

54 42.9 47.5 71.3#



#25

Isophorone

Concen: 38.03 ng

RT: 7.310 min Scan# 457

Delta R.T. -0.286 min

Lab File: BF090924.D

Acq: 31 Oct 2016 13:28

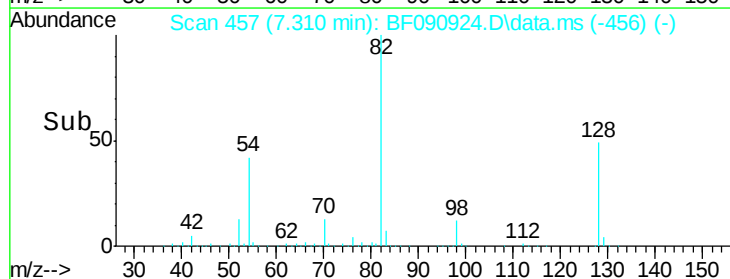
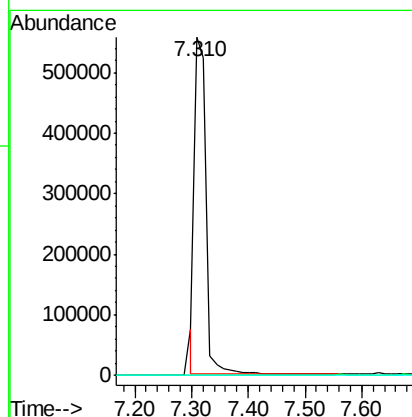
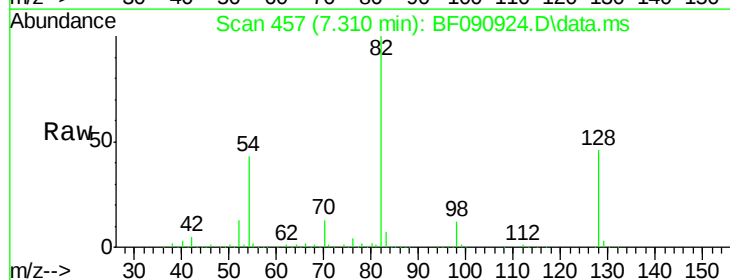
Tgt Ion: 82 Resp: 798505

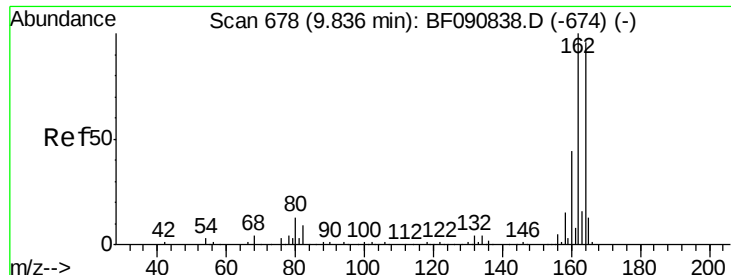
Ion Ratio Lower Upper

82 100

95 0.1 4.0 6.0#

138 0.0 18.3 27.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.790 min Scan# 67

Delta R.T. -0.023 min

Lab File: BF090924.D

Acq: 31 Oct 2016 13:28

Instrument :

BNA_F

ClientSampleId :

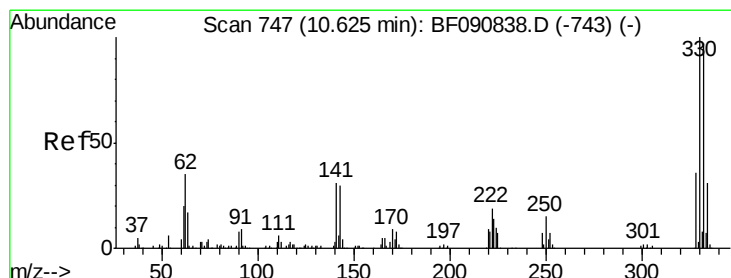
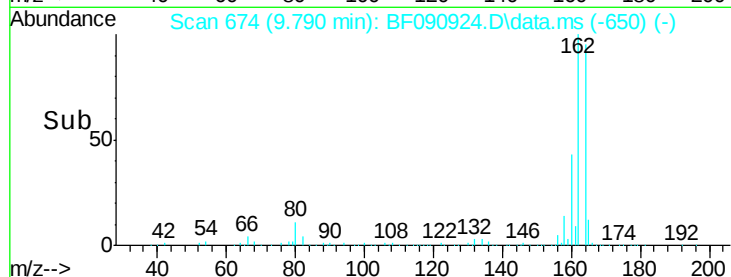
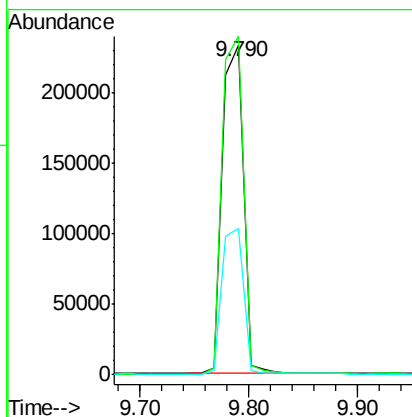
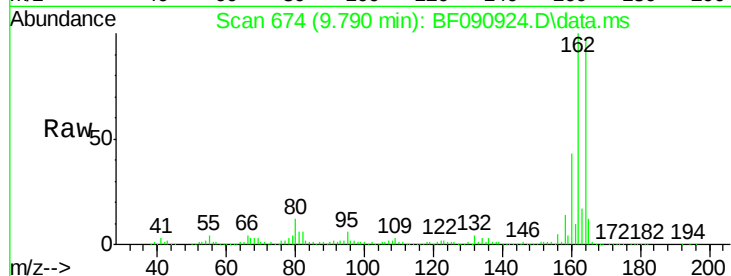
Tot Ion:164 Resp: 316266

Ion Ratio Lower Upper

164 100

162 102.8 75.2 112.8

160 44.5 31.5 47.3



#41

2,4,6-Tribromophenol

Concen: 152.08 ng

RT: 10.579 min Scan# 743

Delta R.T. -0.023 min

Lab File: BF090924.D

Acq: 31 Oct 2016 13:28

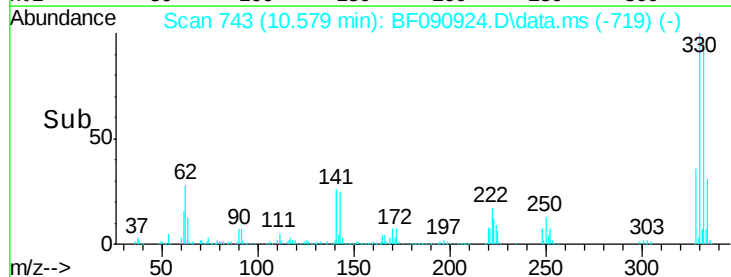
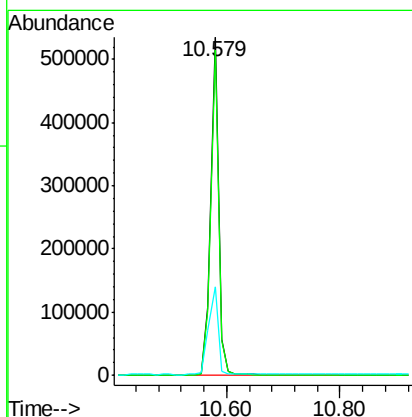
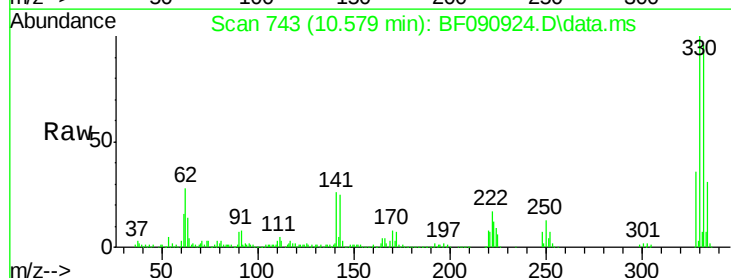
Tgt Ion:330 Resp: 494270

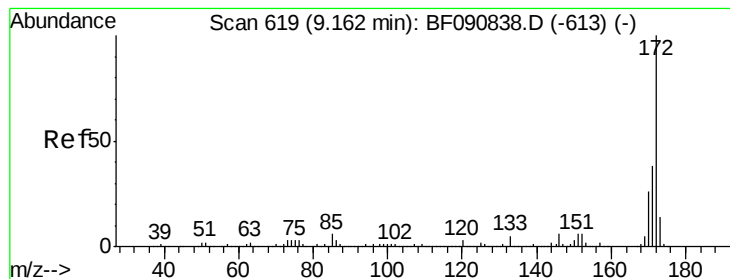
Ion Ratio Lower Upper

330 100

332 96.0 76.6 114.8

141 30.6 29.7 44.5





#44

2-Fluorobiphenyl

Concen: 106.40 ng

RT: 9.116 min Scan# 61

Delta R.T. -0.023 min

Lab File: BF090924.D

Acq: 31 Oct 2016 13:28

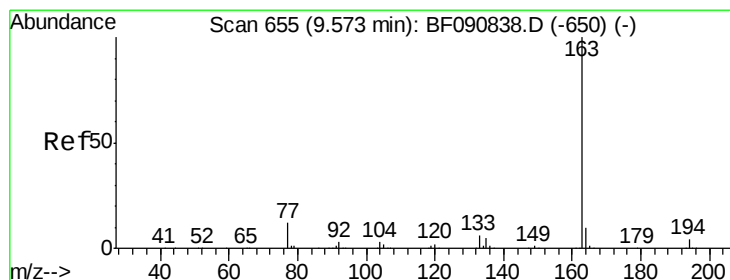
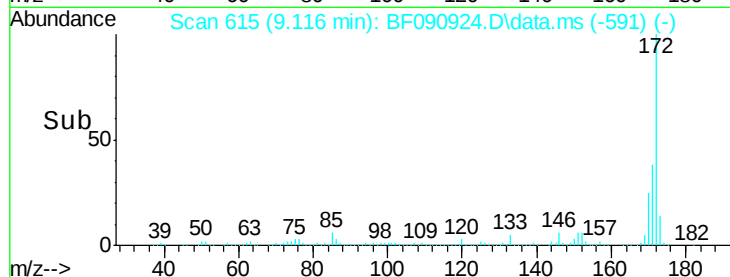
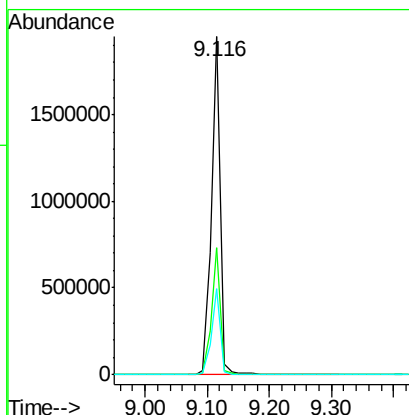
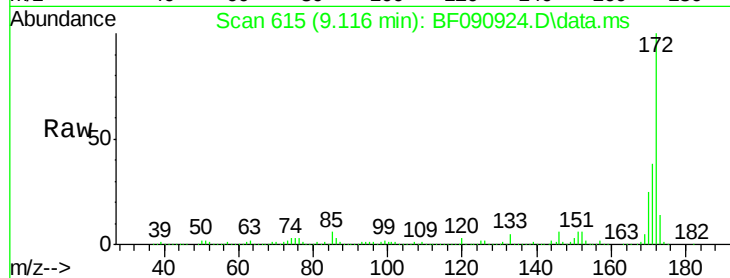
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1916309

Ion	Ratio	Lower	Upper
172	100		
171	37.6	26.1	39.1
170	25.4	17.4	26.2



#49

Dimethylphthalate

Concen: 6.68 ng

RT: 9.505 min Scan# 649

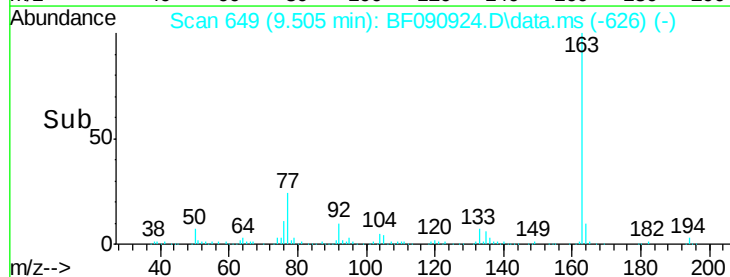
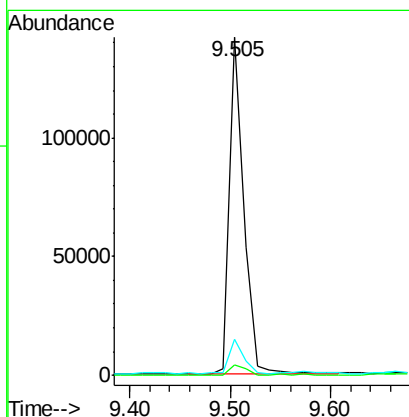
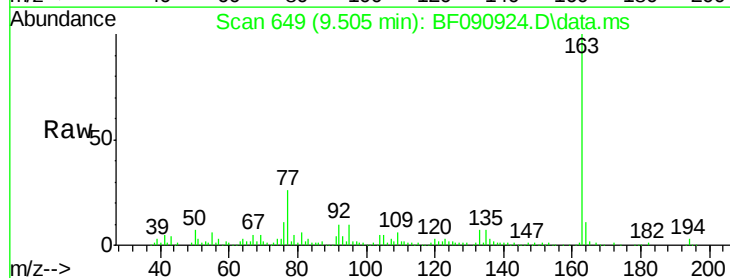
Delta R.T. -0.034 min

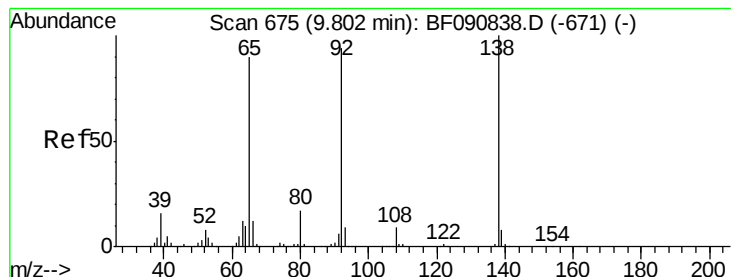
Lab File: BF090924.D

Acq: 31 Oct 2016 13:28

Tgt Ion:163 Resp: 141166

Ion	Ratio	Lower	Upper
163	100		
194	3.1	4.4	6.6#
164	10.6	8.3	12.5





#52

3-Nitroaniline

Concen: 2.56 ng

RT: 9.756 min Scan# 67

Delta R.T. -0.011 min

Lab File: BF090924.D

Acq: 31 Oct 2016 13:28

Instrument :

BNA_F

ClientSampleId :

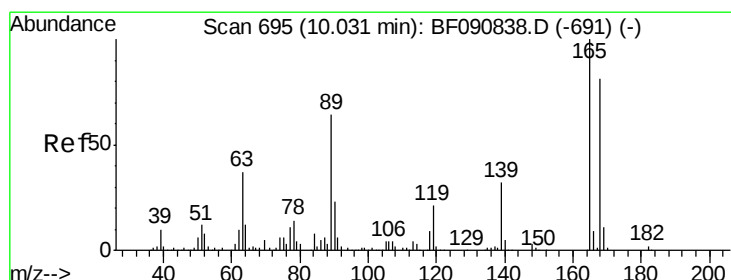
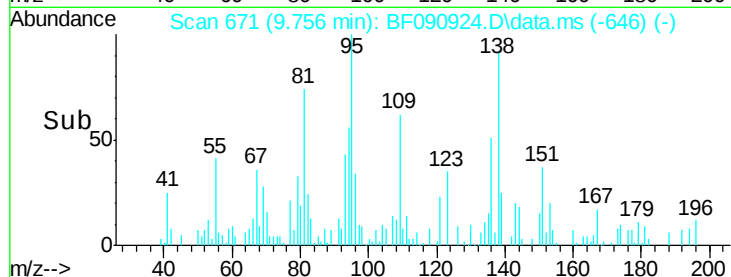
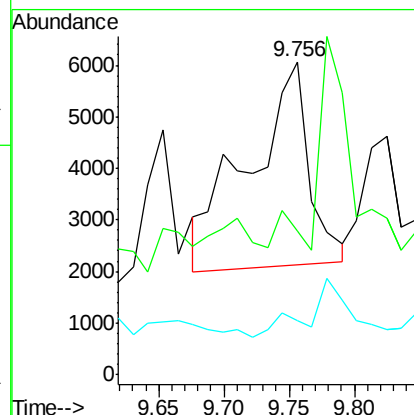
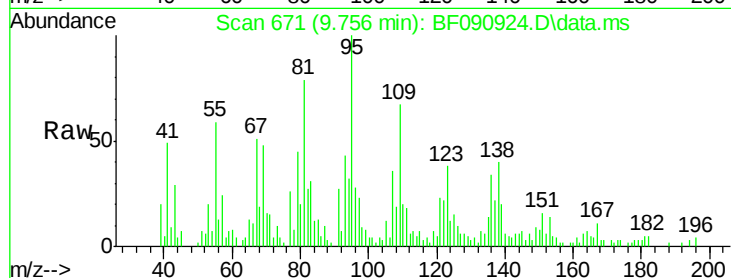
Tot Ion:138 Resp: 12717

Ion Ratio Lower Upper

138 100

108 46.0 5.7 8.5#

92 17.3 67.7 101.5#



#56

2,4-Dinitrotoluene

Concen: 7.21 ng

RT: 9.779 min Scan# 673

Delta R.T. -0.228 min

Lab File: BF090924.D

Acq: 31 Oct 2016 13:28

Tgt Ion:165 Resp: 41771

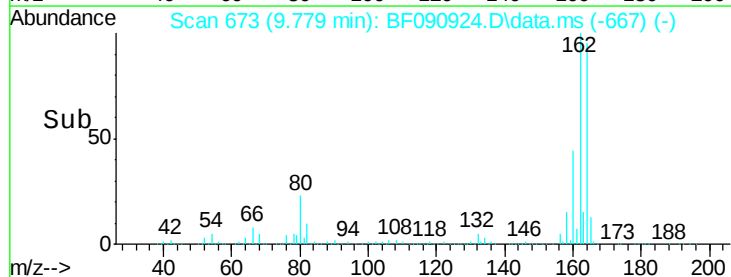
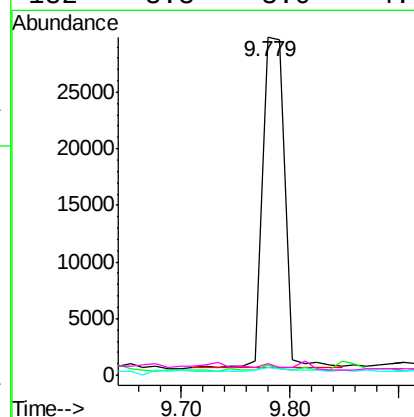
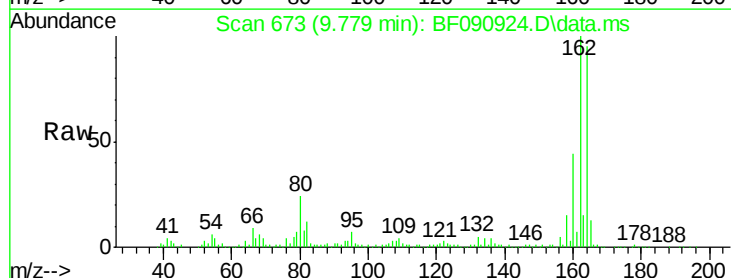
Ion Ratio Lower Upper

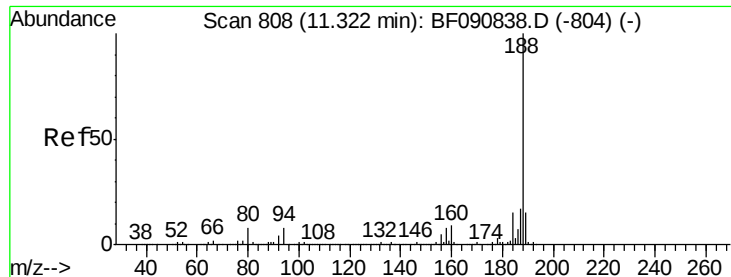
165 100

63 3.1 29.8 44.6#

89 2.3 44.5 66.7#

182 3.3 3.0 4.4

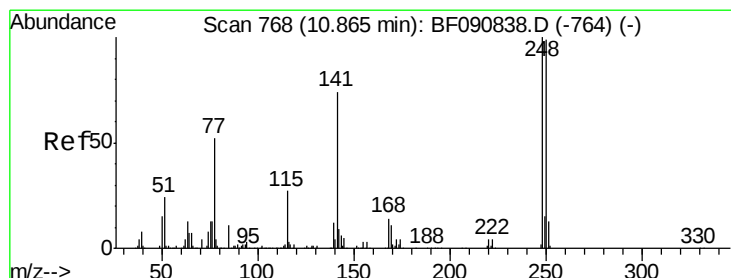
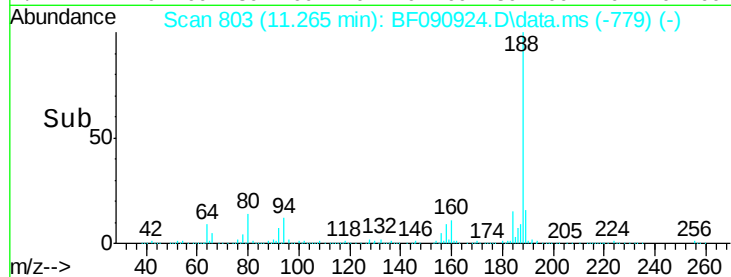
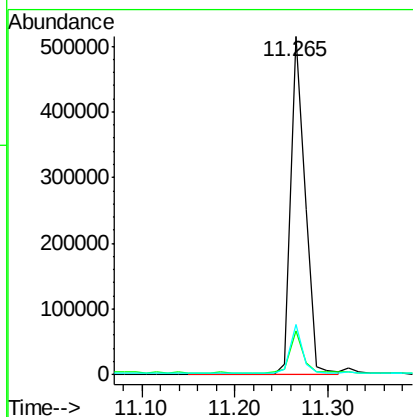
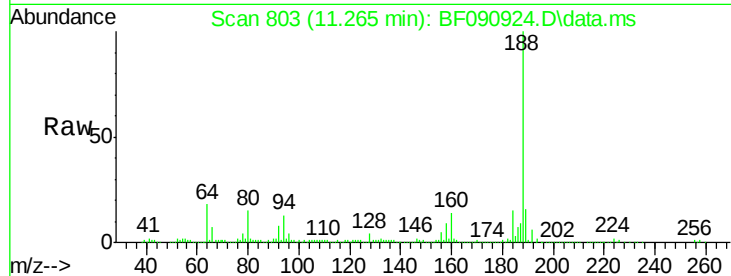




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.265 min Scan# 80
 Delta R.T. -0.023 min
 Lab File: BF090924.D
 Acq: 31 Oct 2016 13:28

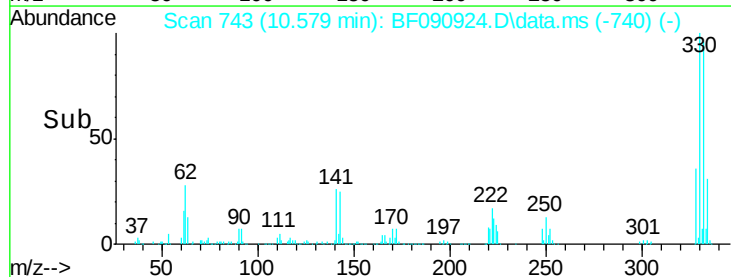
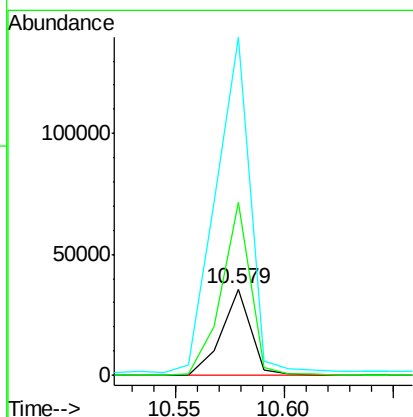
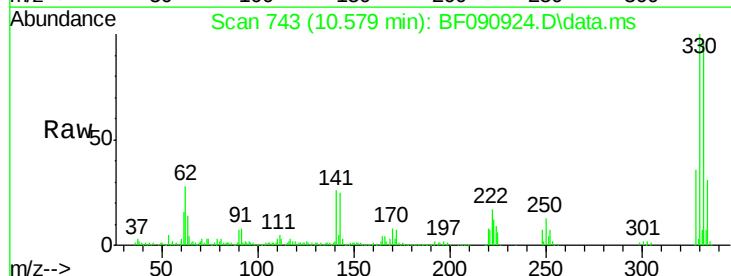
Instrument :
 BNA_F
 ClientSampleId :

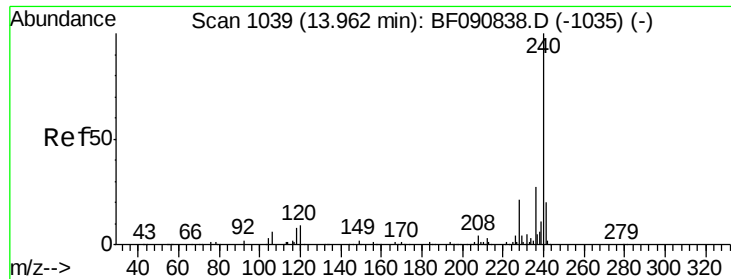
Tot Ion:188 Resp: 549626
 Ion Ratio Lower Upper
 188 100
 94 13.0 11.1 16.7
 80 14.8 11.0 16.4



#66
 4-Bromophenyl-phenylether
 Concen: 5.47 ng
 RT: 10.579 min Scan# 743
 Delta R.T. -0.263 min
 Lab File: BF090924.D
 Acq: 31 Oct 2016 13:28

Tgt Ion:248 Resp: 32936
 Ion Ratio Lower Upper
 248 100
 250 201.3 78.5 117.7#
 141 393.5 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.905 min Scan# 10

Delta R.T. -0.023 min

Lab File: BF090924.D

Acq: 31 Oct 2016 13:28

Instrument :

BNA_F

ClientSampled :

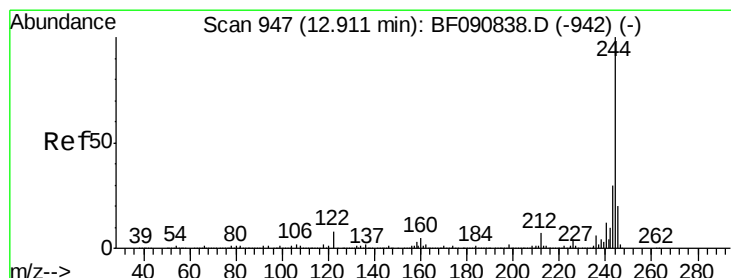
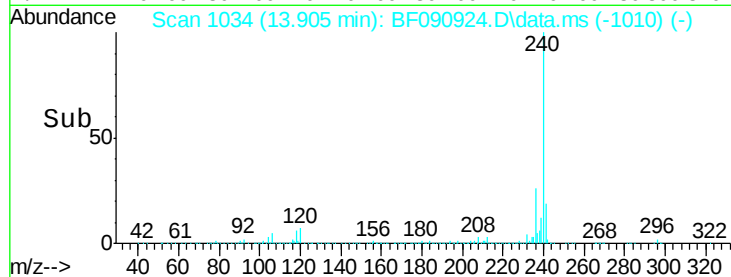
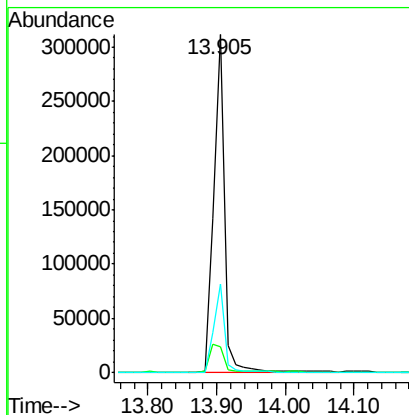
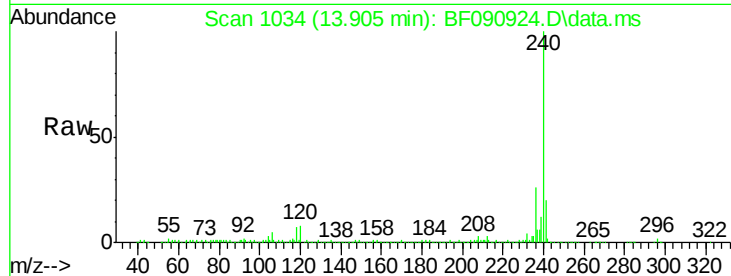
Tot Ion:240 Resp: 344301

Ion Ratio Lower Upper

240 100

120 7.6 16.2 24.2#

236 26.2 18.4 27.6



#78

Terphenyl-d14

Concen: 130.29 ng

RT: 12.865 min Scan# 943

Delta R.T. -0.011 min

Lab File: BF090924.D

Acq: 31 Oct 2016 13:28

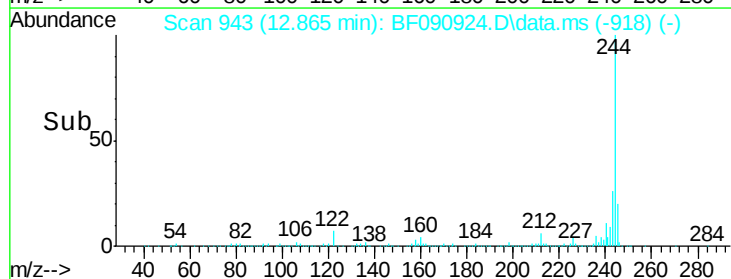
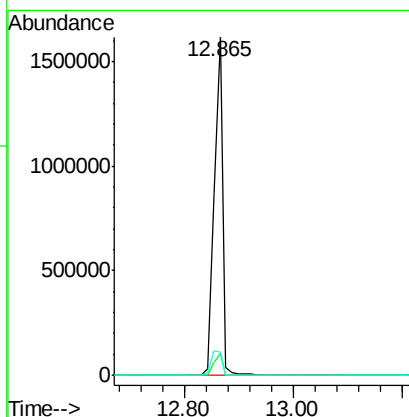
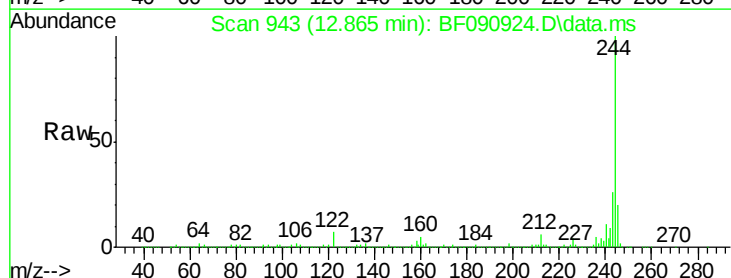
Tgt Ion:244 Resp: 1780569

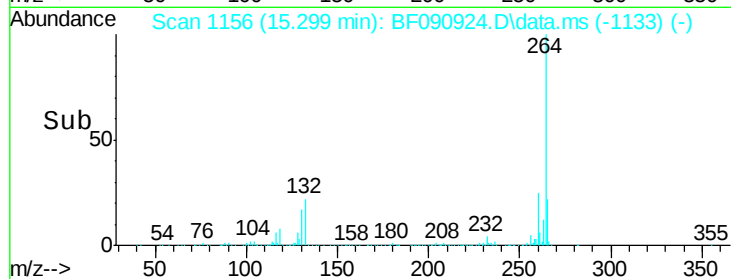
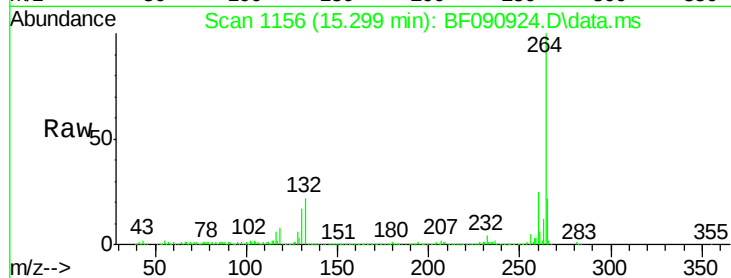
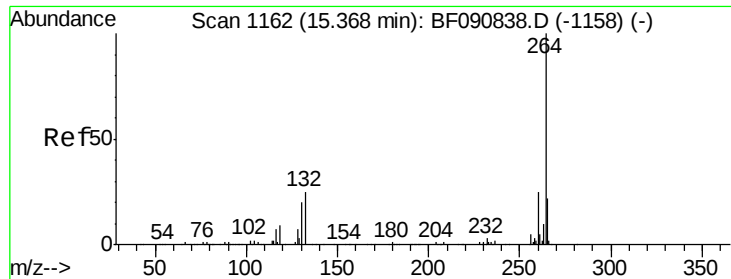
Ion Ratio Lower Upper

244 100

212 6.3 4.3 6.5

122 6.8 17.4 26.2#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.299 min Scan# 11

Delta R.T. -0.034 min

Lab File: BF090924.D

Acq: 31 Oct 2016 13:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 341384

Ion Ratio Lower Upper

264 100

260 25.4 16.7 25.1#

265 21.9 17.2 25.8

