

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA F\Data\BF081716\
 Data File : BF089776.D
 Acq On : 17 Aug 2016 21:13
 Operator : UM/SJ
 Sample : H4490-02
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-1

Quant Time: Aug 18 08:32:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

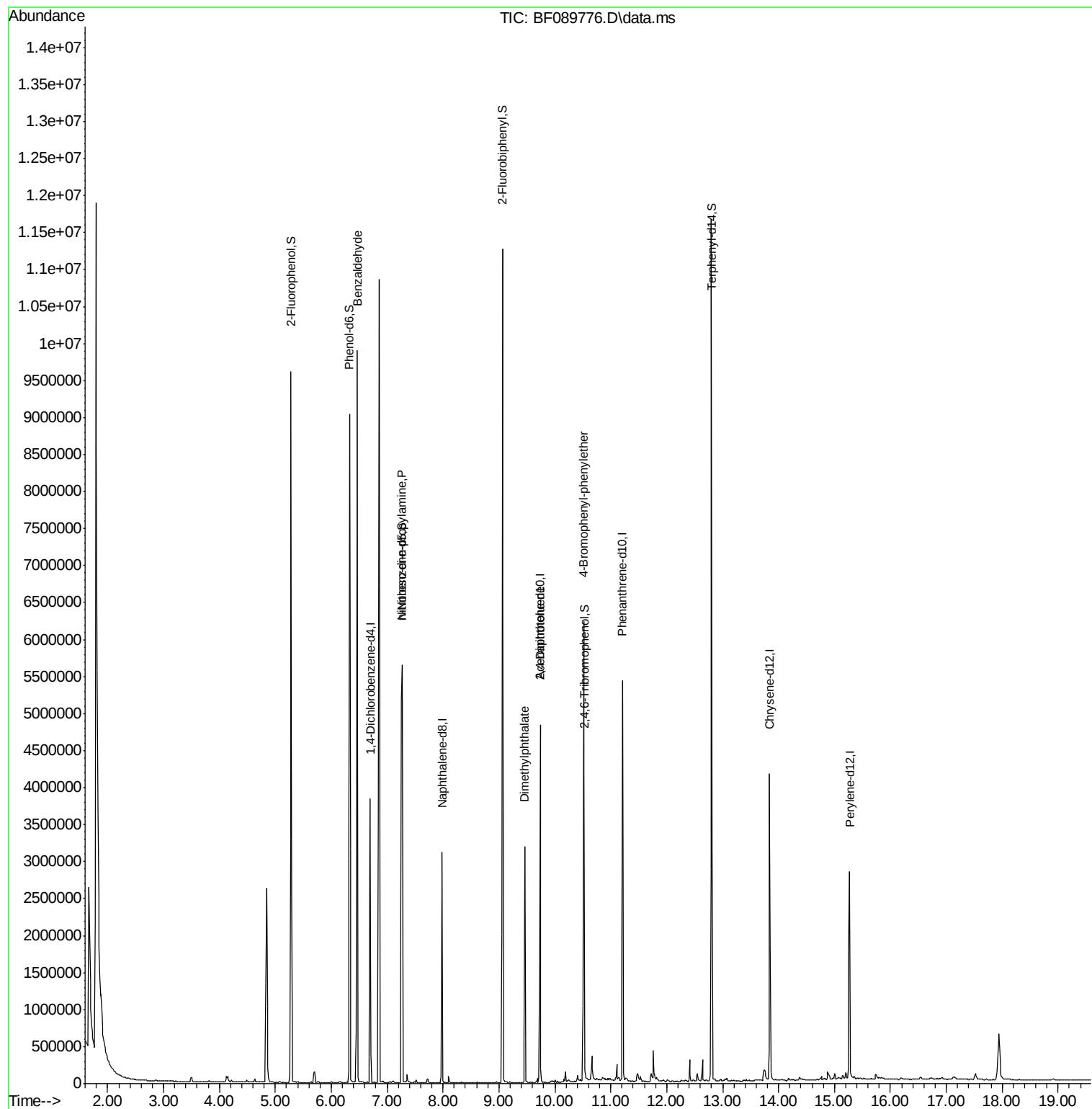
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.696	152	529362	20.00	ng	0.00
21) Naphthalene-d8	7.987	136	2047193	20.00	ng	0.00
38) Acenaphthene-d10	9.736	164	990674	20.00	ng	0.00
63) Phenanthrene-d10	11.211	188	1869106	20.00	ng	0.00
75) Chrysene-d12	13.839	240	1510371	20.00	ng	-0.06
86) Perylene-d12	15.268	264	1318793	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.279	112	3301114	104.05	ng	0.00
7) Phenol-d6	6.330	99	4081616	101.14	ng	0.00
23) Nitrobenzene-d5	7.267	82	2804080	83.64	ng	0.00
41) 2,4,6-Tribromophenol	10.525	330	1102378	115.02	ng	0.00
44) 2-Fluorobiphenyl	9.062	172	4677932	75.77	ng	-0.01
78) Terphenyl-d14	12.799	244	3774568	74.66	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.467	77	83683	3.13	ng	Qvalue 92
19) n-Nitroso-di-n-propyla...	7.267	70	371866	14.07	ng	# 71
49) Dimethylphthalate	9.462	163	1240218	17.30	ng	99
56) 2,4-Dinitrotoluene	9.736	165	130364	6.25	ng	# 35
66) 4-Bromophenyl-phenylether	10.513	248	60553	3.13	ng	# 1

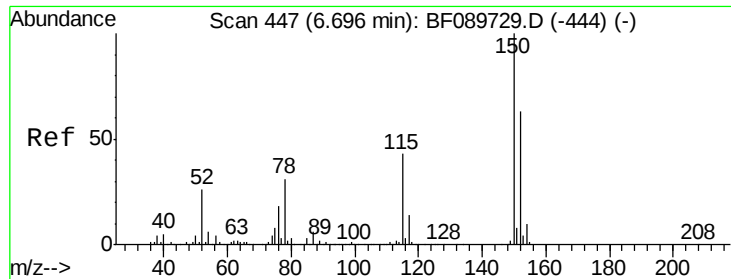
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.696 min Scan# 44

Delta R.T. 0.000 min

Lab File: BF089776.D

Acq: 17 Aug 2016 21:13

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-1

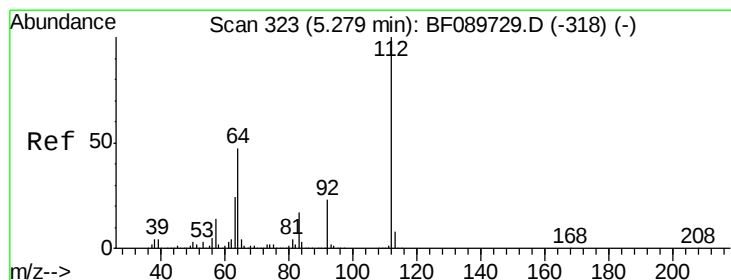
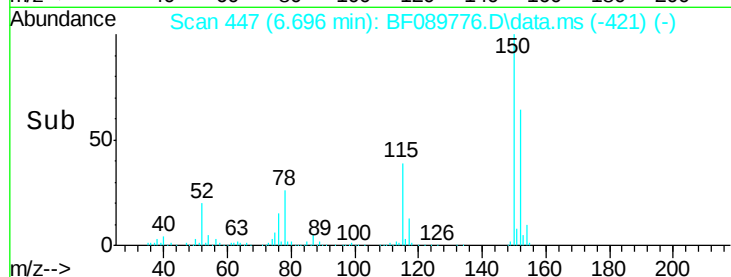
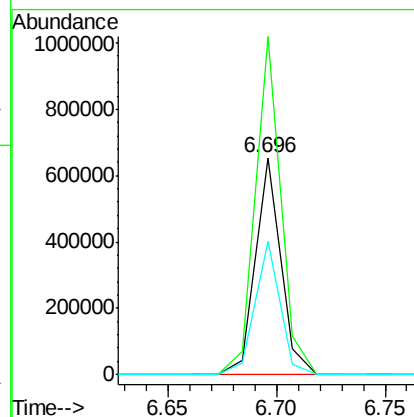
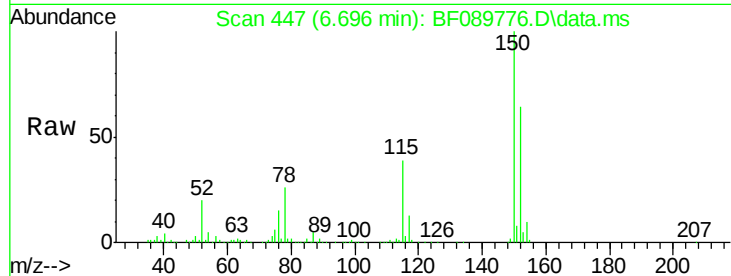
Tot Ion:152 Resp: 529362

Ion Ratio Lower Upper

152 100

150 156.2 125.3 187.9

115 61.7 40.9 61.3#



#5

2-Fluorophenol

Concen: 104.05 ng

RT: 5.279 min Scan# 323

Delta R.T. 0.001 min

Lab File: BF089776.D

Acq: 17 Aug 2016 21:13

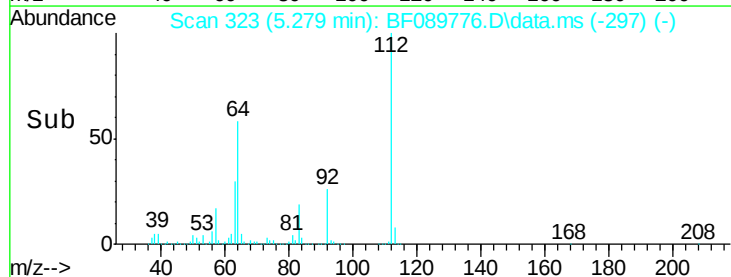
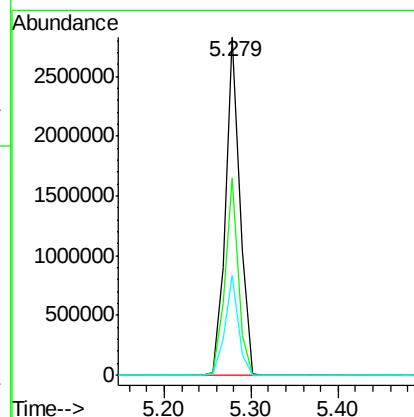
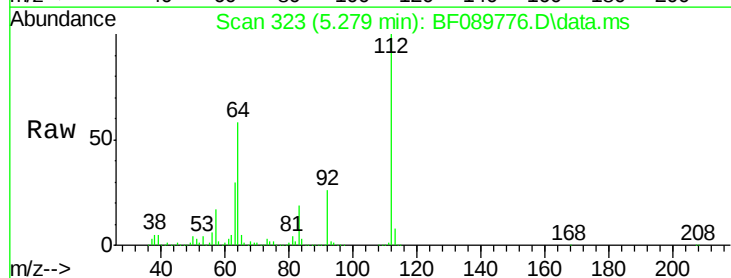
Tgt Ion:112 Resp: 3301114

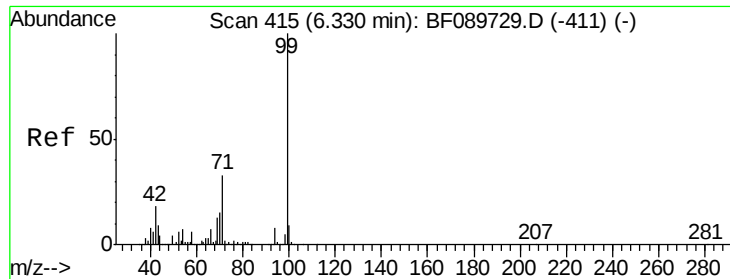
Ion Ratio Lower Upper

112 100

64 58.3 45.0 67.4

63 29.6 23.1 34.7





#7

Phenol-d6

Concen: 101.14 ng

RT: 6.330 min Scan# 41

Delta R.T. 0.000 min

Lab File: BF089776.D

Acq: 17 Aug 2016 21:13

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-1

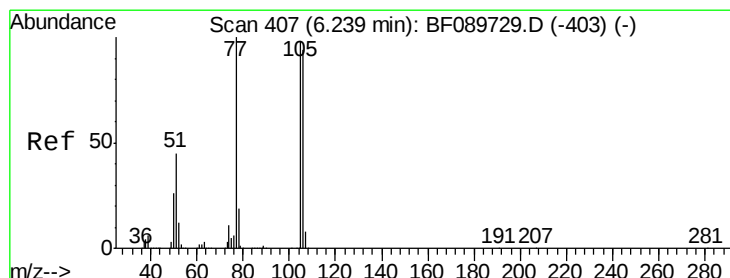
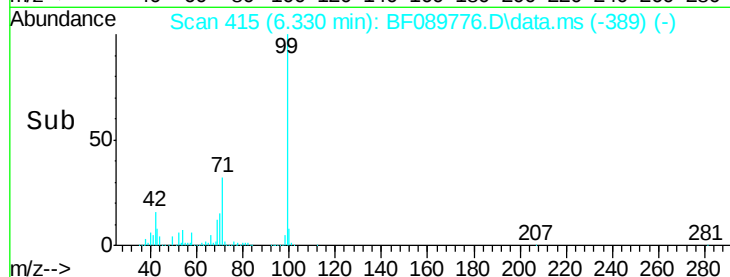
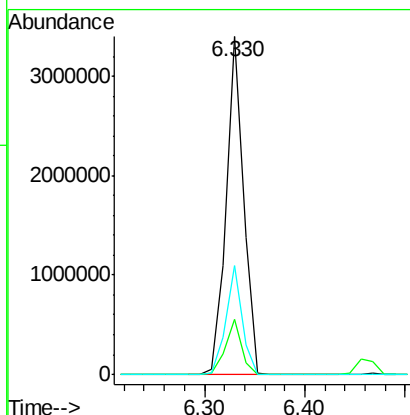
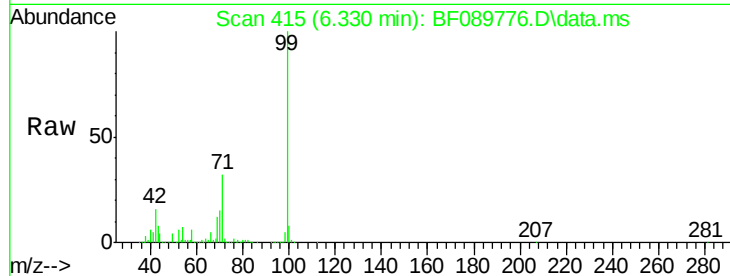
Tot Ion: 99 Resp: 4081616

Ion Ratio Lower Upper

99 100

42 16.2 12.2 18.4

71 32.2 23.8 35.8



#9

Benzaldehyde

Concen: 3.13 ng

RT: 6.467 min Scan# 427

Delta R.T. 0.229 min

Lab File: BF089776.D

Acq: 17 Aug 2016 21:13

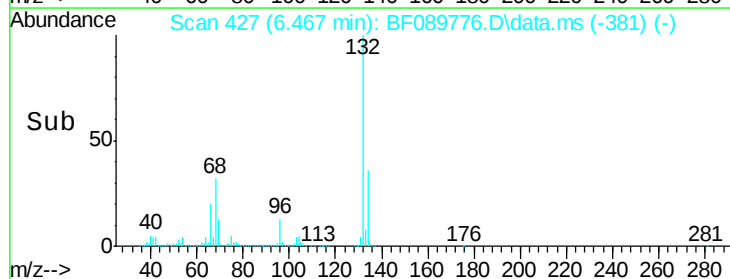
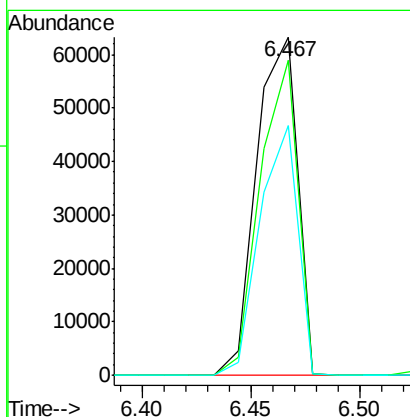
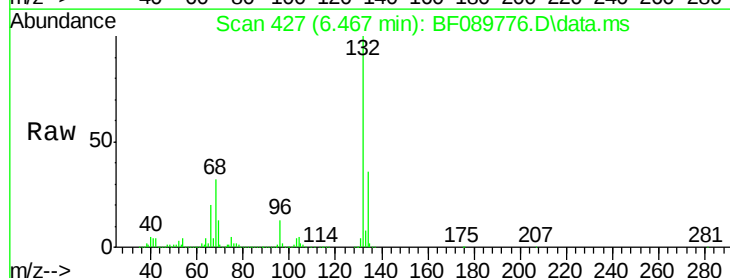
Tgt Ion: 77 Resp: 83683

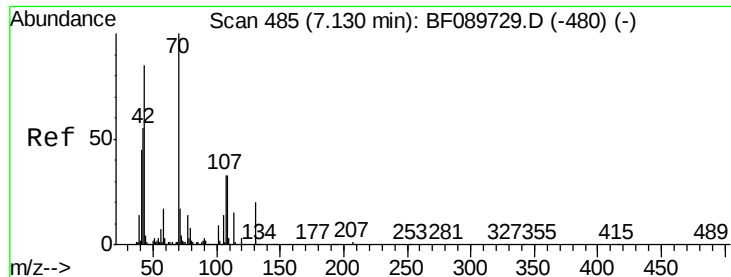
Ion Ratio Lower Upper

77 100

105 93.4 73.3 113.3

106 73.8 68.6 108.6

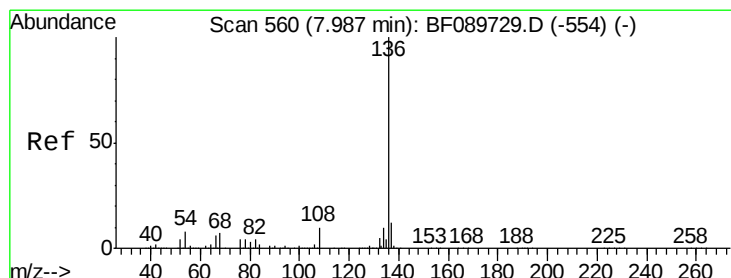
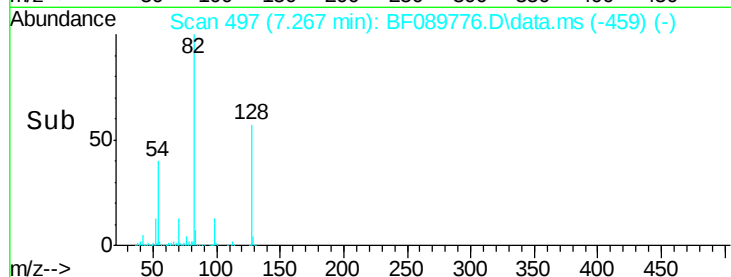
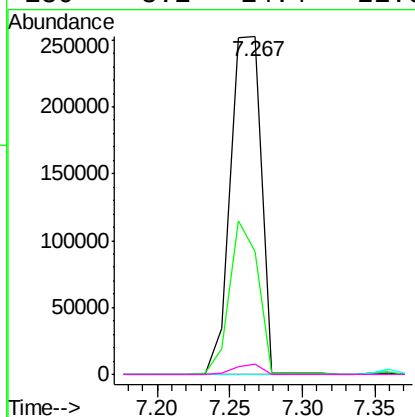
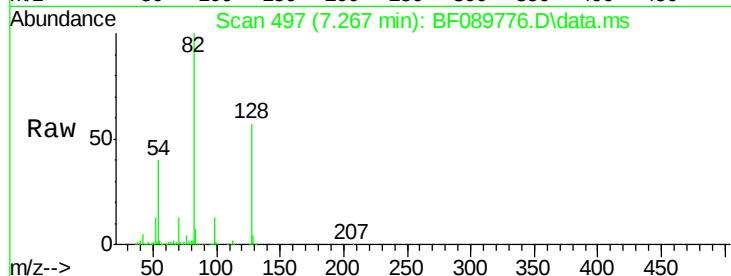




#19
n-Nitroso-di-n-propylamine
Concen: 14.07 ng
RT: 7.267 min Scan# 49
Delta R.T. 0.137 min
Lab File: BF089776.D
Acq: 17 Aug 2016 21:13

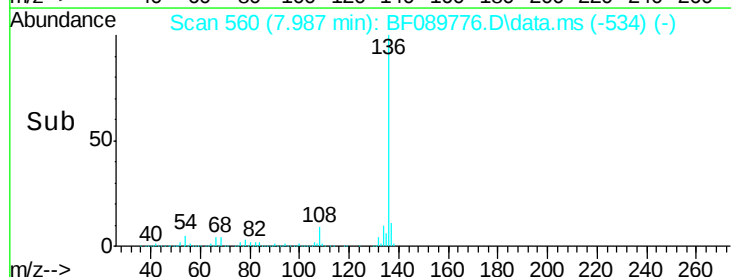
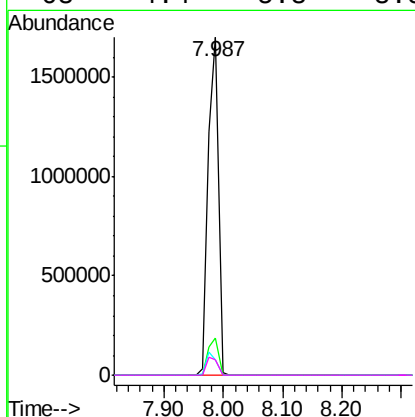
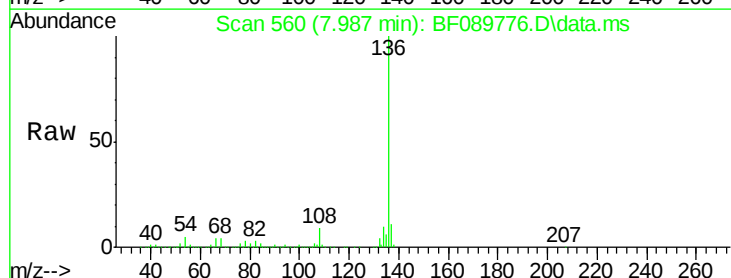
Instrument :
BNA_F
ClientSampleId :
670-UNDERCLIFF-1

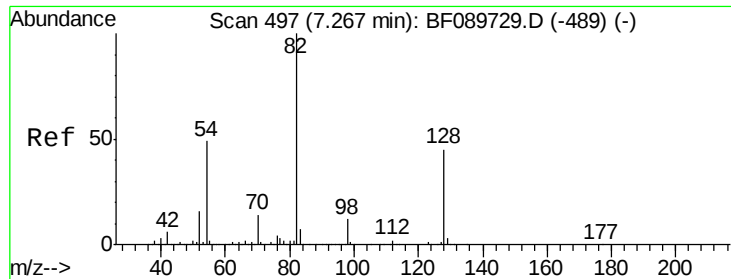
Tot Ion	Ratio	Lower	Upper
70	100		
42	36.5	46.3	69.5#
101	0.0	7.0	10.6#
130	3.1	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.987 min Scan# 560
Delta R.T. 0.000 min
Lab File: BF089776.D
Acq: 17 Aug 2016 21:13

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	4.6	7.2	10.8#
68	4.4	5.8	8.8#





#23

Nitrobenzene-d5

Concen: 83.64 ng

RT: 7.267 min Scan# 49

Delta R.T. 0.000 min

Lab File: BF089776.D

Acq: 17 Aug 2016 21:13

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-1

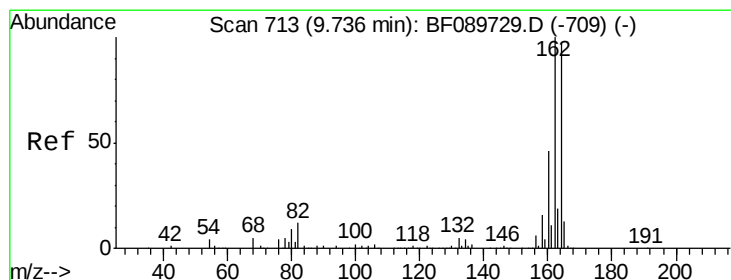
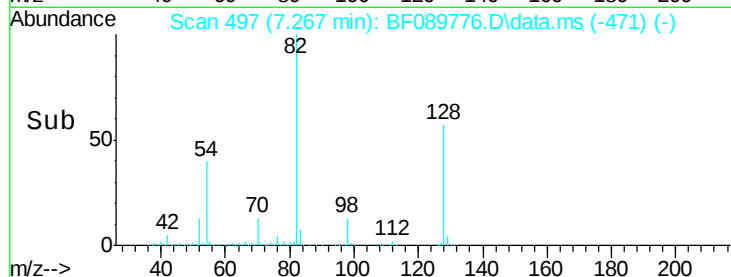
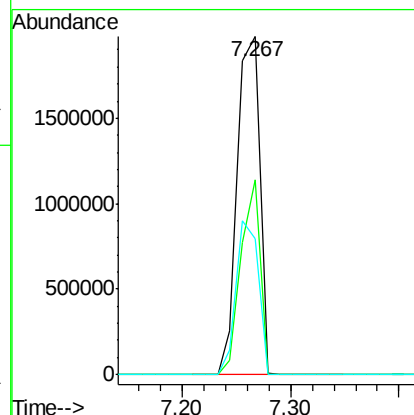
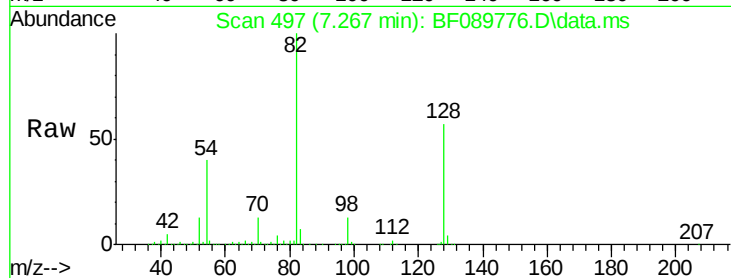
Tot Ion: 82 Resp: 2804080

Ion Ratio Lower Upper

82 100

128 57.4 34.4 51.6#

54 40.2 40.3 60.5#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.736 min Scan# 713

Delta R.T. 0.000 min

Lab File: BF089776.D

Acq: 17 Aug 2016 21:13

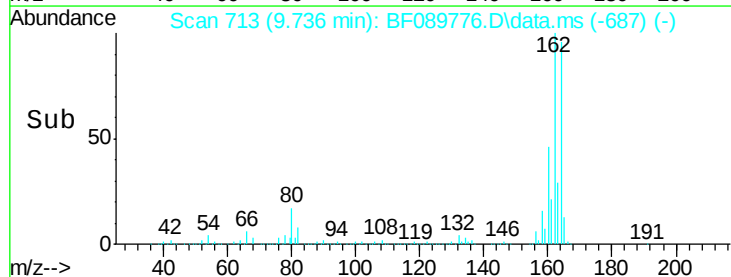
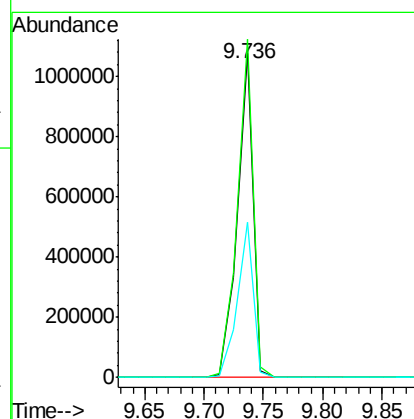
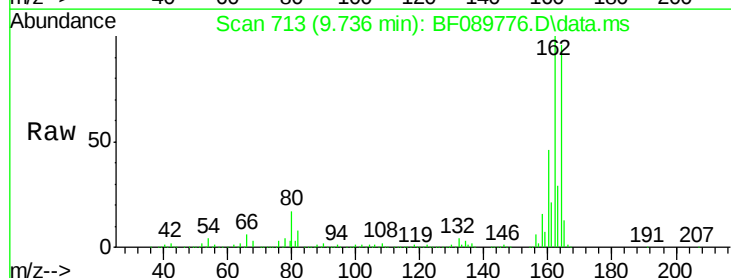
Tgt Ion:164 Resp: 990674

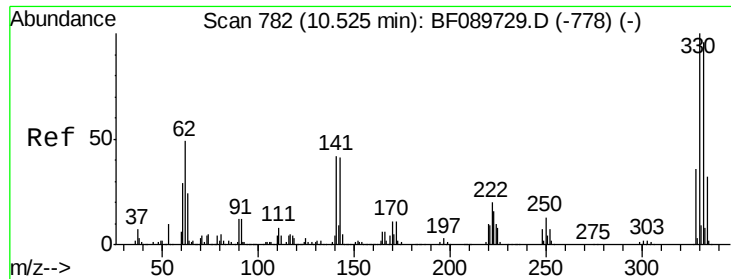
Ion Ratio Lower Upper

164 100

162 104.4 81.4 122.2

160 48.0 37.8 56.6

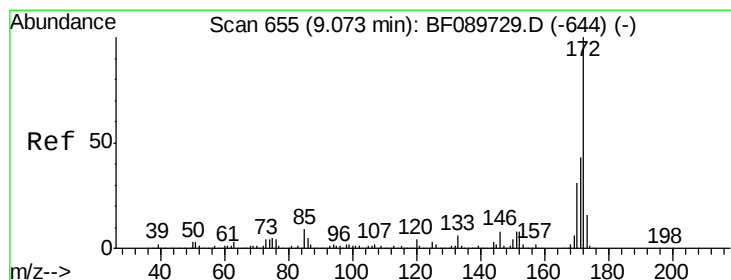
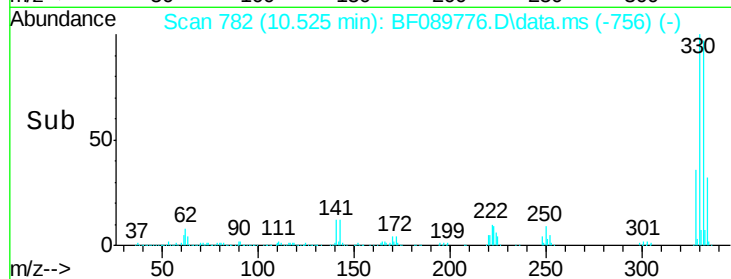
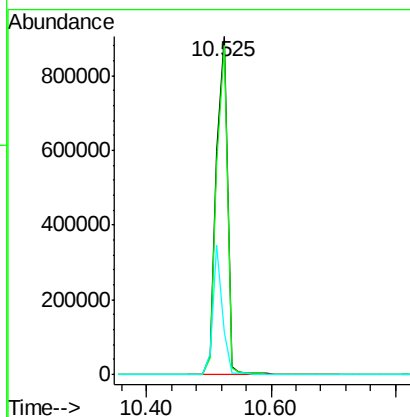
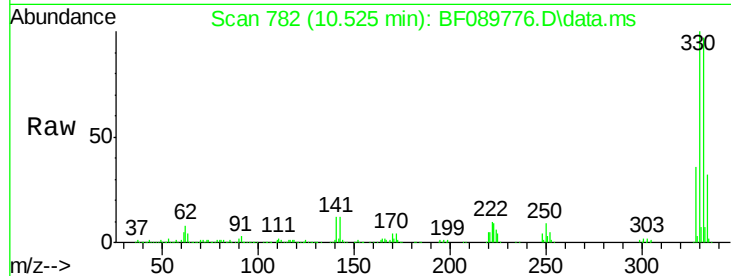




#41
 2,4,6-Tribromophenol
 Concen: 115.02 ng
 RT: 10.525 min Scan# 78
 Delta R.T. 0.000 min
 Lab File: BF089776.D
 Acq: 17 Aug 2016 21:13

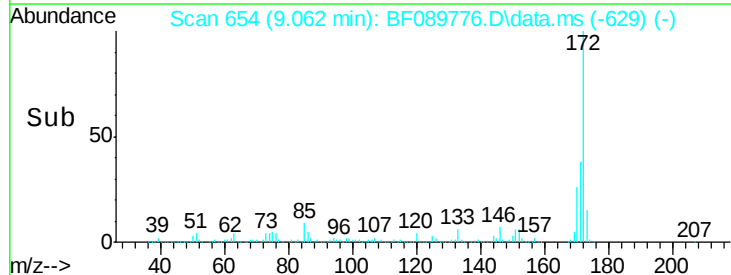
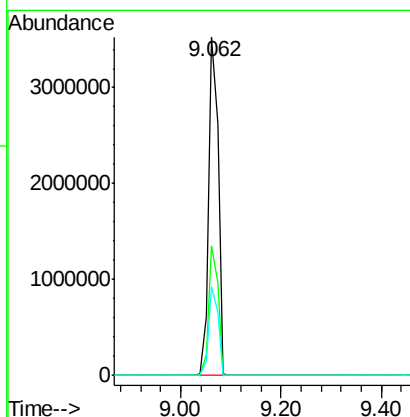
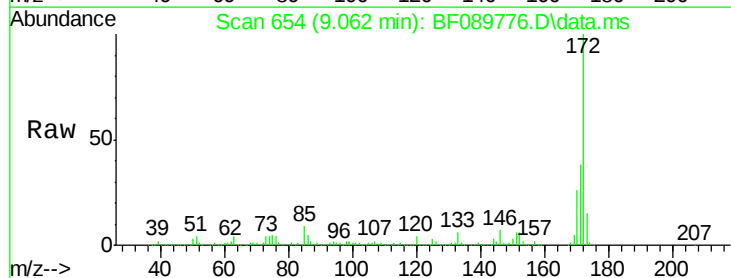
Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-1

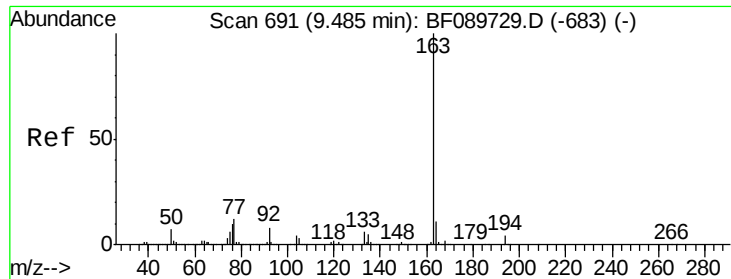
Tot Ion:330 Resp: 1102378
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.7 115.1
 141 33.2 30.2 45.2



#44
 2-Fluorobiphenyl
 Concen: 75.77 ng
 RT: 9.062 min Scan# 654
 Delta R.T. -0.011 min
 Lab File: BF089776.D
 Acq: 17 Aug 2016 21:13

Tgt Ion:172 Resp: 4677932
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.5 45.7
 170 26.3 20.6 31.0





#49

Dimethylphthalate

Concen: 17.30 ng

RT: 9.462 min Scan# 68

Delta R.T. -0.023 min

Lab File: BF089776.D

Acq: 17 Aug 2016 21:13

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-1

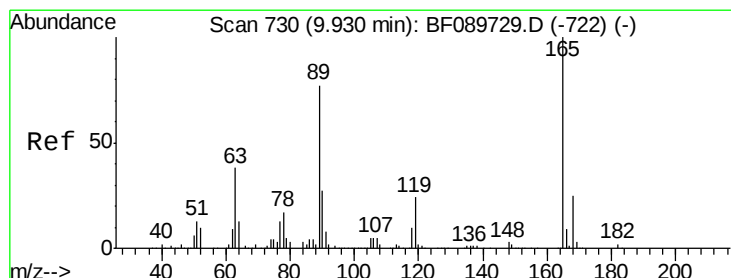
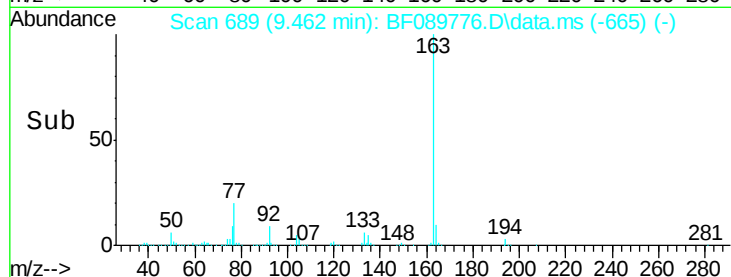
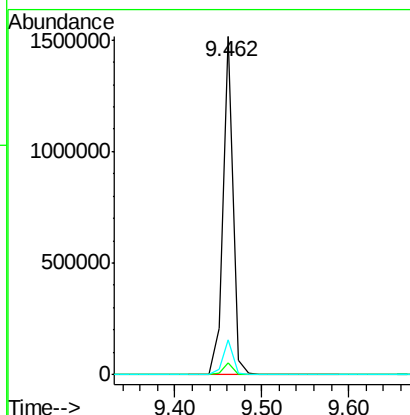
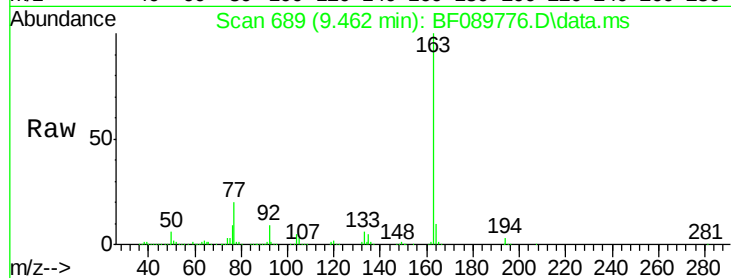
Tot Ion:163 Resp: 1240218

Ion Ratio Lower Upper

163 100

194 3.3 2.6 3.8

164 10.4 8.6 12.8



#56

2,4-Dinitrotoluene

Concen: 6.25 ng

RT: 9.736 min Scan# 713

Delta R.T. -0.194 min

Lab File: BF089776.D

Acq: 17 Aug 2016 21:13

Tgt Ion:165 Resp: 130364

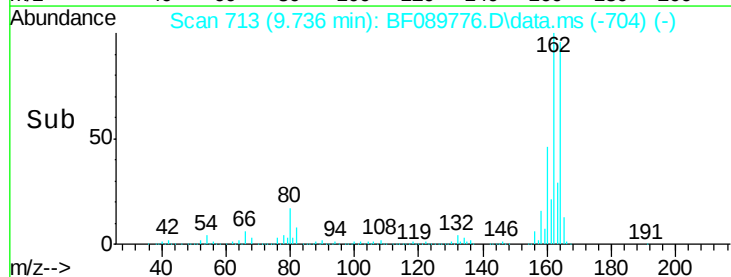
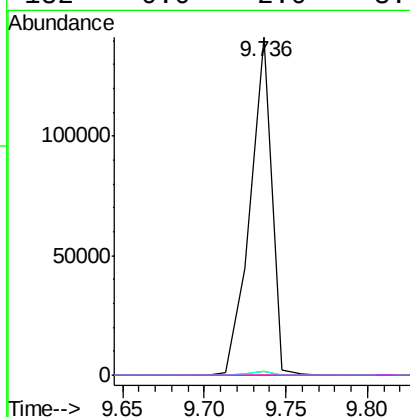
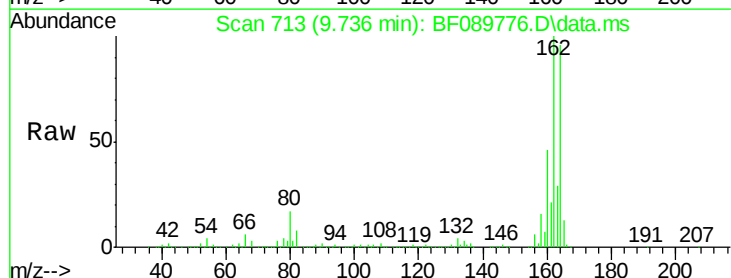
Ion Ratio Lower Upper

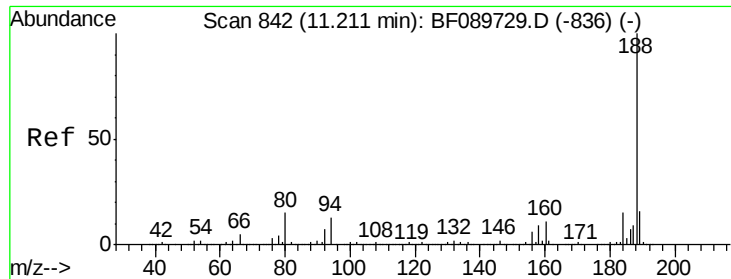
165 100

63 1.2 23.7 35.5#

89 1.2 44.0 66.0#

182 0.0 2.0 3.0#

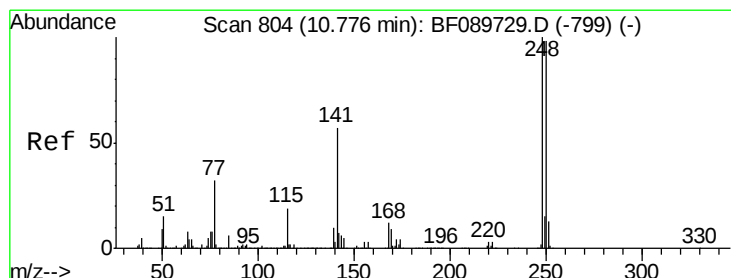
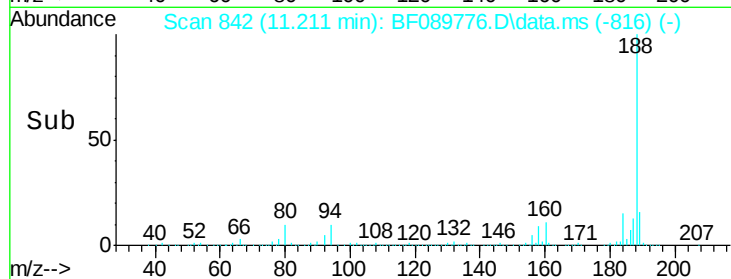
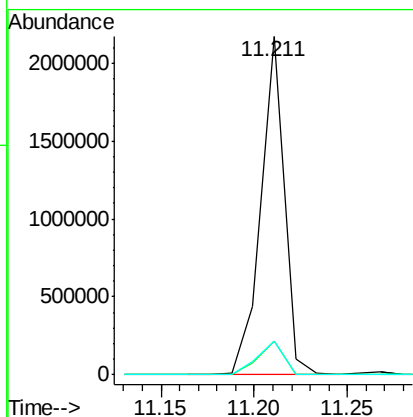
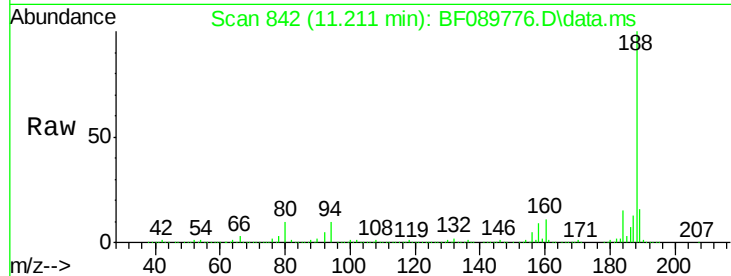




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.211 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: BF089776.D
 Acq: 17 Aug 2016 21:13

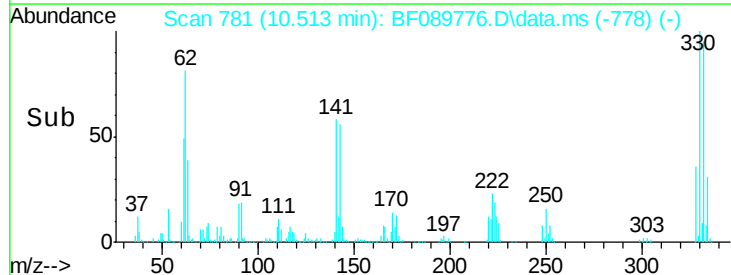
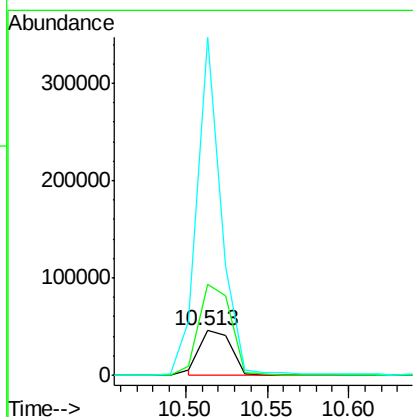
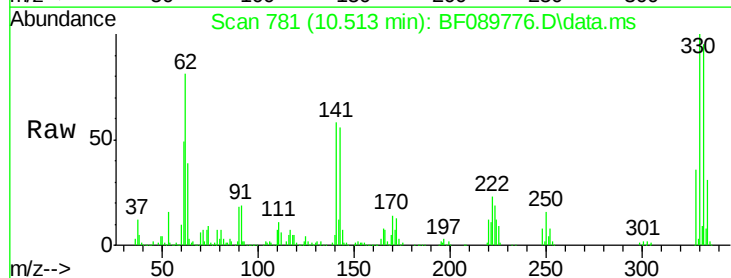
Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-1

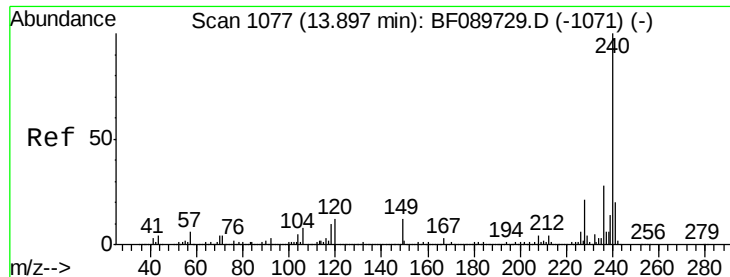
Tot Ion:188 Resp: 1869106
 Ion Ratio Lower Upper
 188 100
 94 9.7 10.2 15.2#
 80 9.9 10.9 16.3#



#66
 4-Bromophenyl-phenylether
 Concen: 3.13 ng
 RT: 10.513 min Scan# 781
 Delta R.T. -0.263 min
 Lab File: BF089776.D
 Acq: 17 Aug 2016 21:13

Tgt Ion:248 Resp: 60553
 Ion Ratio Lower Upper
 248 100
 250 202.9 78.6 117.8#
 141 754.7 31.4 47.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.839 min Scan# 10

Delta R.T. -0.057 min

Lab File: BF089776.D

Acq: 17 Aug 2016 21:13

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-1

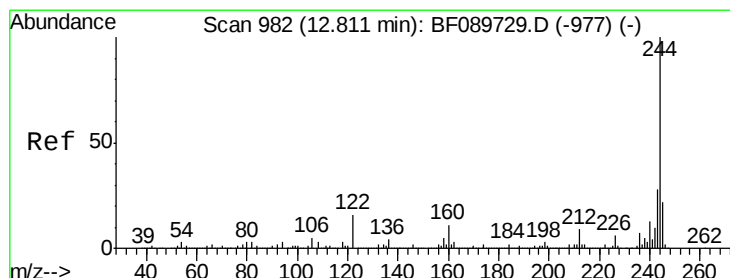
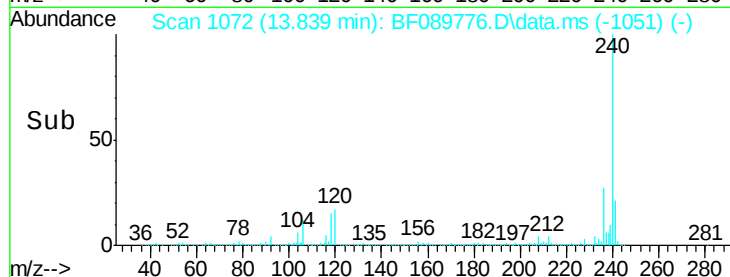
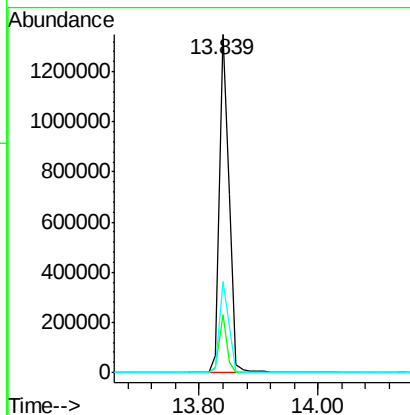
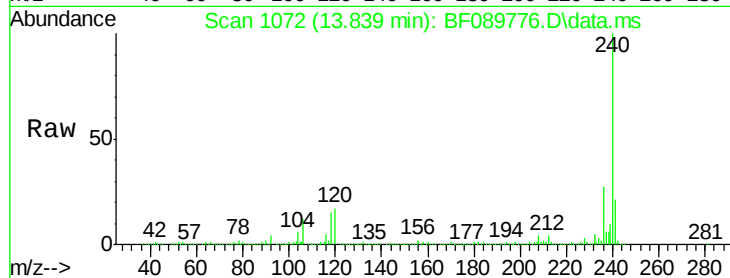
Tot Ion:240 Resp: 1510371

Ion Ratio Lower Upper

240 100

120 17.1 8.3 12.5#

236 26.8 21.3 31.9



#78

Terphenyl-d14

Concen: 74.66 ng

RT: 12.799 min Scan# 981

Delta R.T. -0.011 min

Lab File: BF089776.D

Acq: 17 Aug 2016 21:13

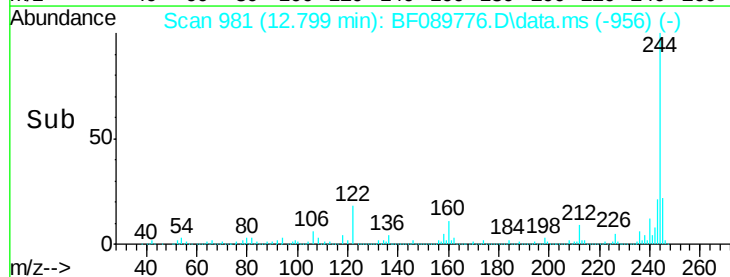
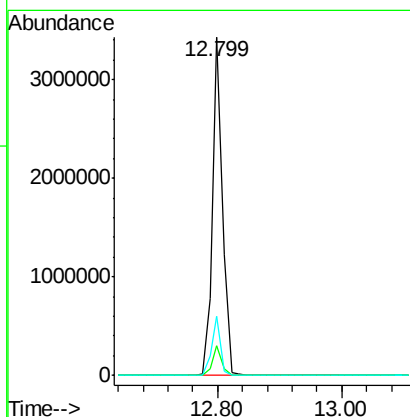
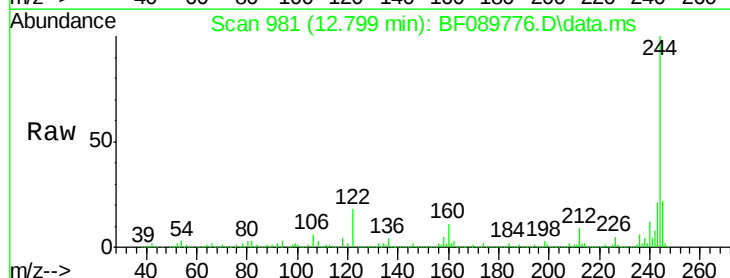
Tgt Ion:244 Resp: 3774568

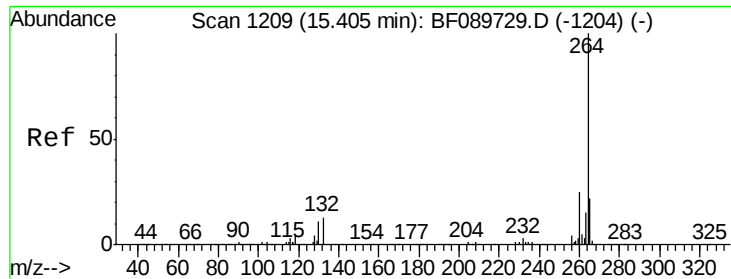
Ion Ratio Lower Upper

244 100

212 8.8 6.3 9.5

122 17.5 12.0 18.0





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.268 min Scan# 11
Delta R.T. -0.137 min
Lab File: BF089776.D
Acq: 17 Aug 2016 21:13

Instrument :
BNA_F
ClientSampleId :
670-UNDERCLIFF-1

Tot Ion:264 Resp: 1318793

Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.2	30.2
265	21.7	17.4	26.2

