

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA F\Data\BF081716\
 Data File : BF089777.D
 Acq On : 17 Aug 2016 21:39
 Operator : UM/SJ
 Sample : H4490-04
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-2

Quant Time: Aug 18 08:32:41 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)

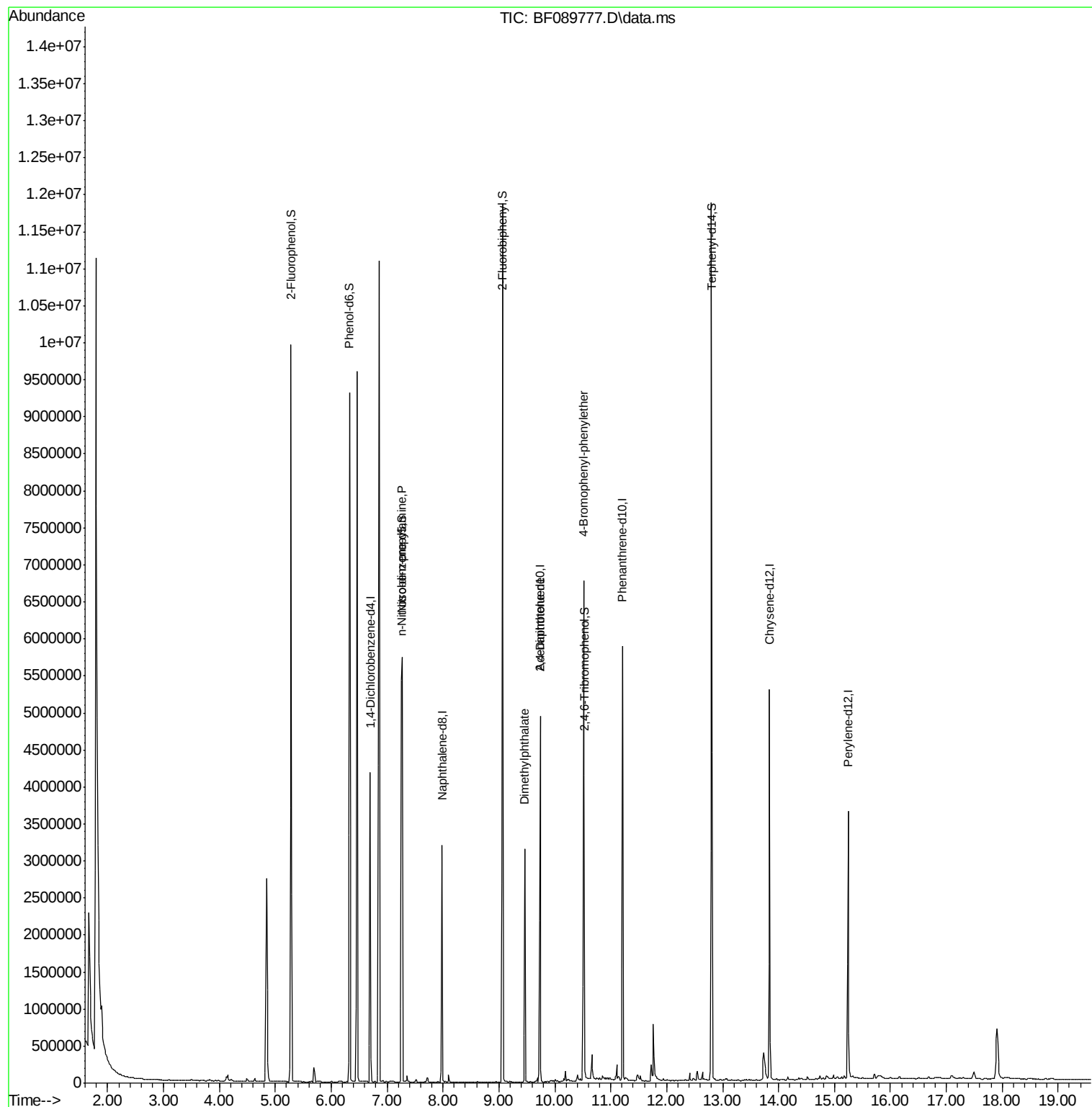
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.696	152	589046	20.00	ng	0.00
21) Naphthalene-d8	7.987	136	2220688	20.00	ng	0.00
38) Acenaphthene-d10	9.736	164	1086929	20.00	ng	0.00
63) Phenanthrene-d10	11.211	188	2045859	20.00	ng	0.00
75) Chrysene-d12	13.839	240	1770066	20.00	ng	-0.06
86) Perylene-d12	15.245	264	1510008	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.279	112	3484741	98.71	ng	0.00
7) Phenol-d6	6.330	99	4347708	96.82	ng	0.00
23) Nitrobenzene-d5	7.267	82	2920016	80.29	ng	0.00
41) 2,4,6-Tribromophenol	10.525	330	1197225	113.86	ng	0.00
44) 2-Fluorobiphenyl	9.062	172	4914548	72.55	ng	-0.01
78) Terphenyl-d14	12.799	244	4224481	71.30	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.256	70	392169	13.34	ng	Qvalue # 77
49) Dimethylphthalate	9.462	163	1234608	15.70	ng	99
56) 2,4-Dinitrotoluene	9.736	165	143327	6.26	ng	# 35
66) 4-Bromophenyl-phenylether	10.513	248	63363	2.99	ng	# 1

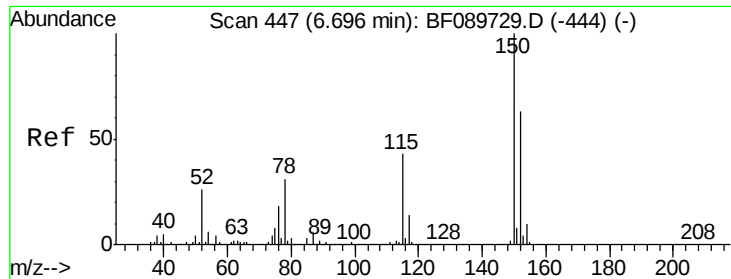
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA F\Data\BF081716\
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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: BF089777.D

Acq: 17 Aug 2016 21:39

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-2

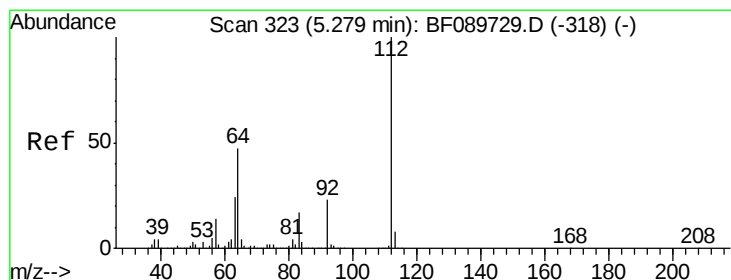
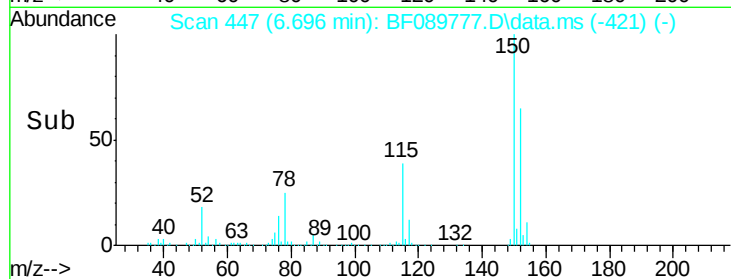
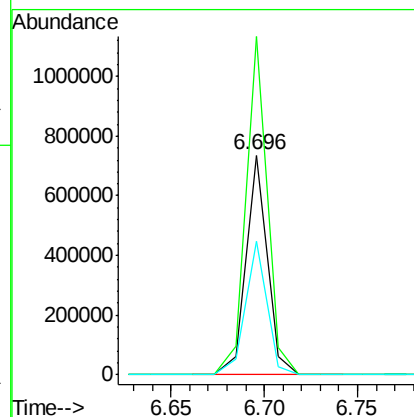
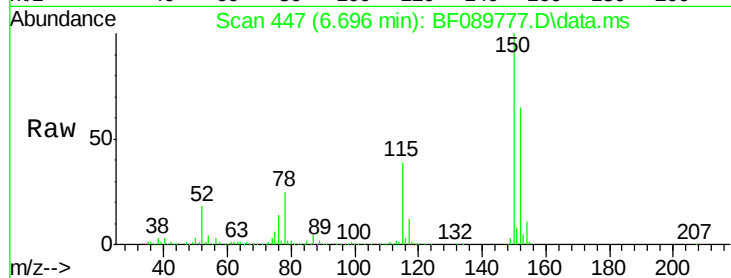
Tot Ion:152 Resp: 589046

Ion Ratio Lower Upper

152 100

150 154.0 125.3 187.9

115 60.6 40.9 61.3



#5

2-Fluorophenol

Concen: 98.71 ng

RT: 5.279 min Scan# 323

Delta R.T. 0.001 min

Lab File: BF089777.D

Acq: 17 Aug 2016 21:39

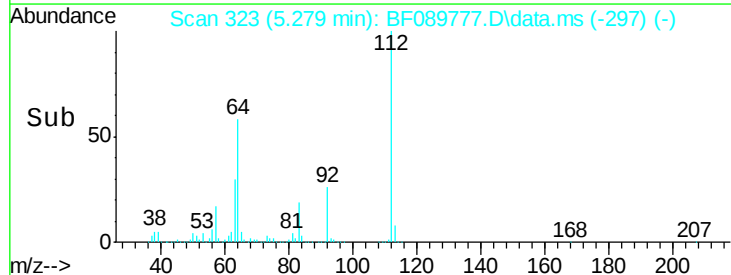
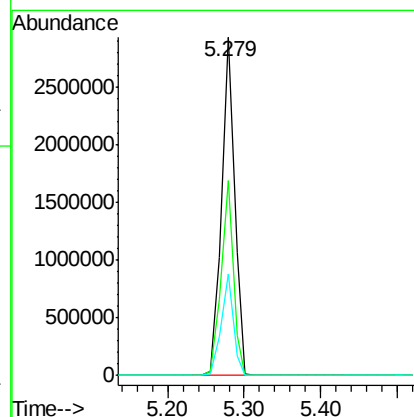
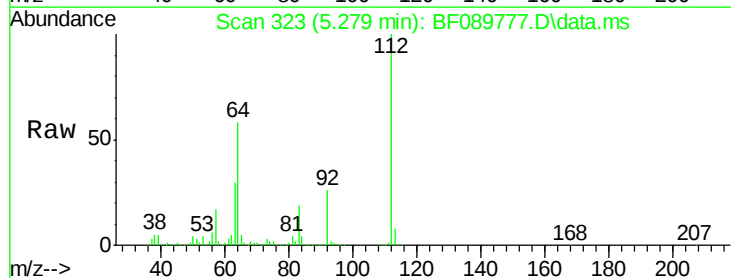
Tgt Ion:112 Resp: 3484741

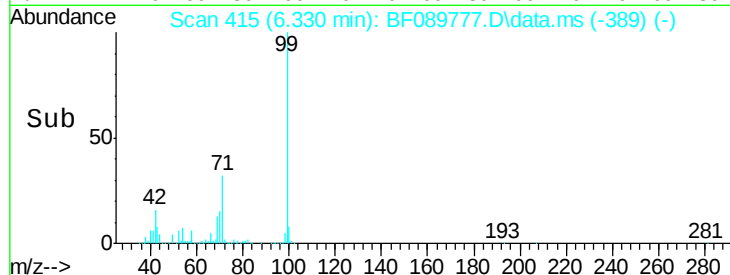
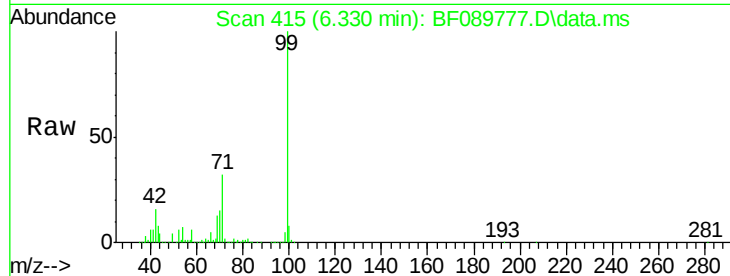
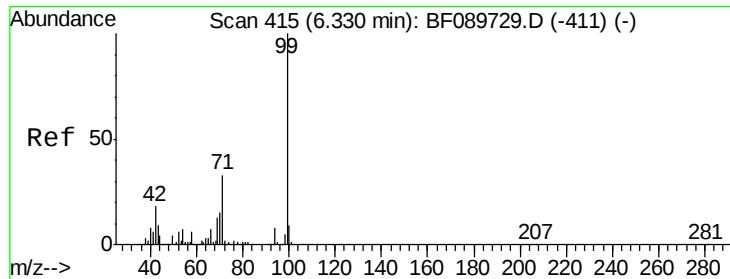
Ion Ratio Lower Upper

112 100

64 57.8 45.0 67.4

63 29.9 23.1 34.7





#7

Phenol-d6

Concen: 96.82 ng

RT: 6.330 min Scan# 41

Delta R.T. 0.000 min

Lab File: BF089777.D

Acq: 17 Aug 2016 21:39

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-2

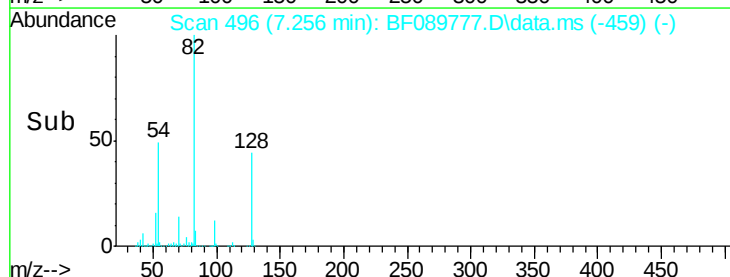
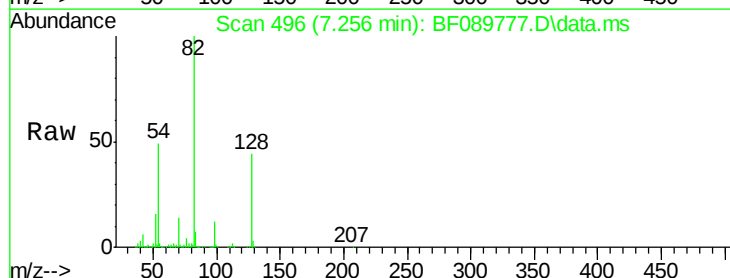
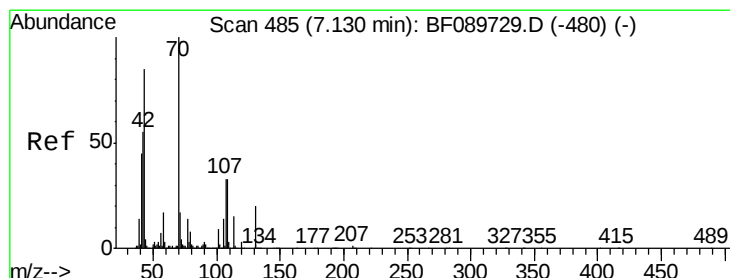
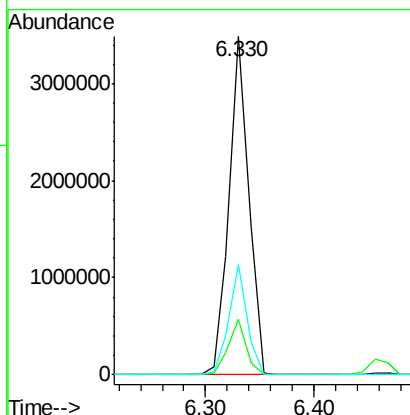
Tot Ion: 99 Resp: 4347708

Ion Ratio Lower Upper

99 100

42 16.1 12.2 18.4

71 32.5 23.8 35.8



#19

n-Nitroso-di-n-propylamine

Concen: 13.34 ng

RT: 7.256 min Scan# 496

Delta R.T. 0.126 min

Lab File: BF089777.D

Acq: 17 Aug 2016 21:39

Tgt Ion: 70 Resp: 392169

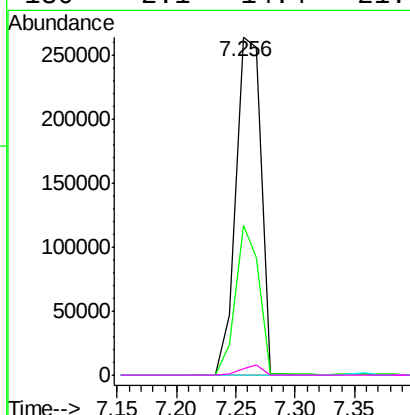
Ion Ratio Lower Upper

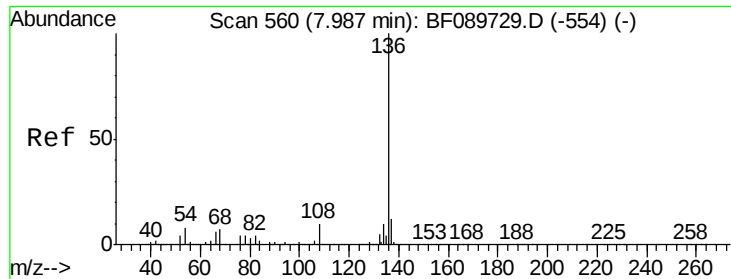
70 100

42 44.5 46.3 69.5#

101 0.0 7.0 10.6#

130 2.1 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: BF089777.D

Acq: 17 Aug 2016 21:39

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-2

Tot Ion:136 Resp: 2220688

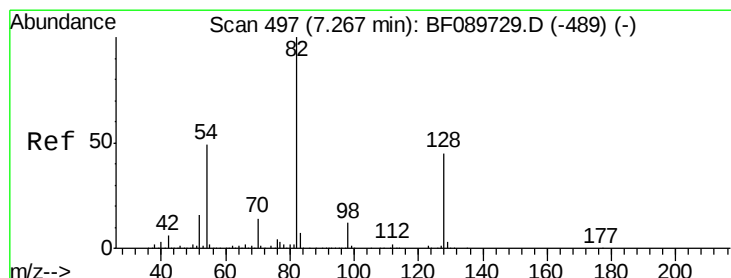
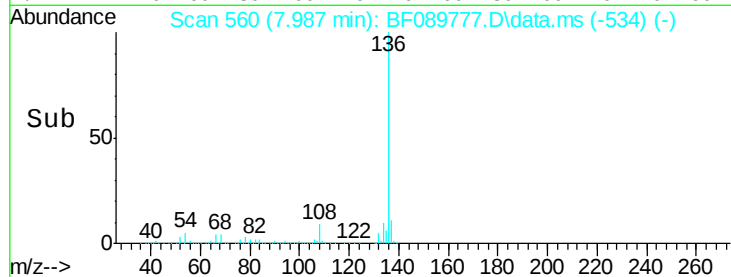
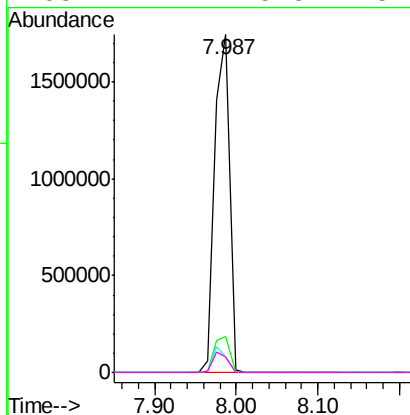
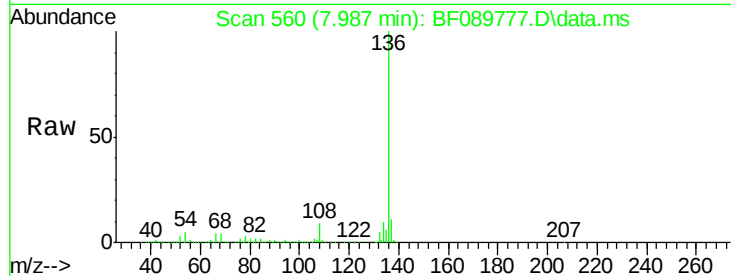
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 4.7 7.2 10.8#

68 4.4 5.8 8.8#



#23

Nitrobenzene-d5

Concen: 80.29 ng

RT: 7.267 min Scan# 497

Delta R.T. 0.000 min

Lab File: BF089777.D

Acq: 17 Aug 2016 21:39

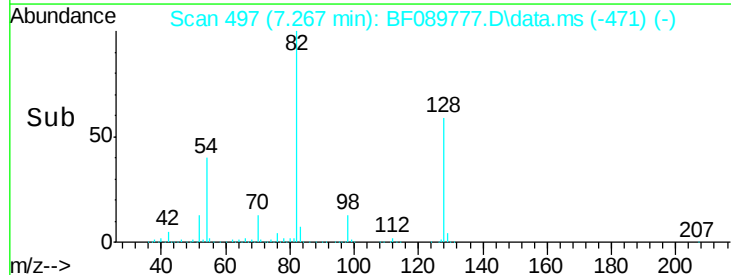
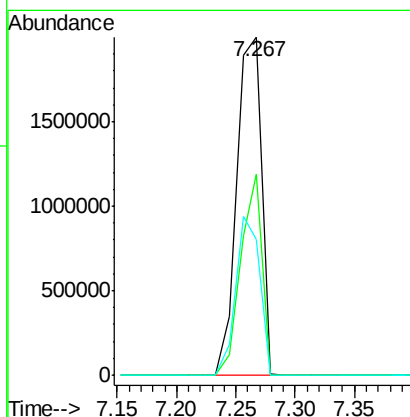
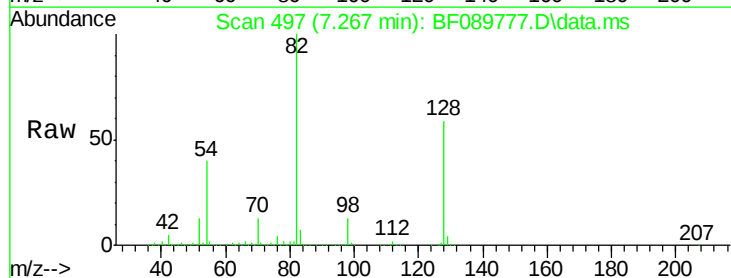
Tgt Ion: 82 Resp: 2920016

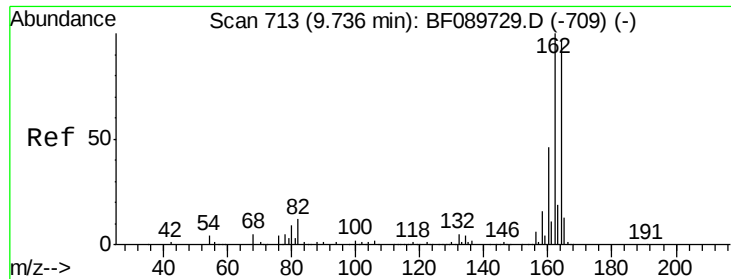
Ion Ratio Lower Upper

82 100

128 59.5 34.4 51.6#

54 40.1 40.3 60.5#

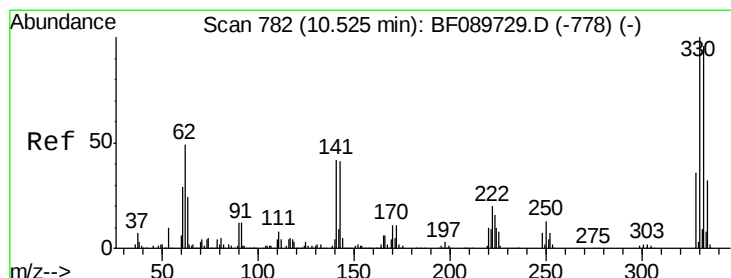
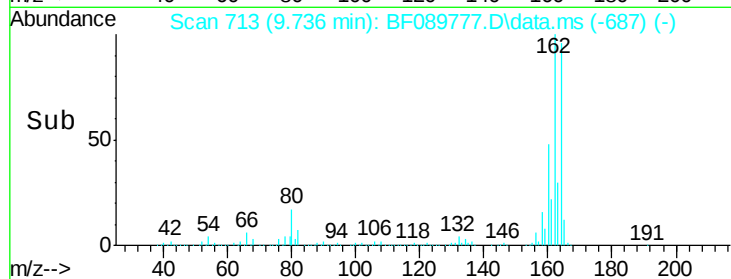
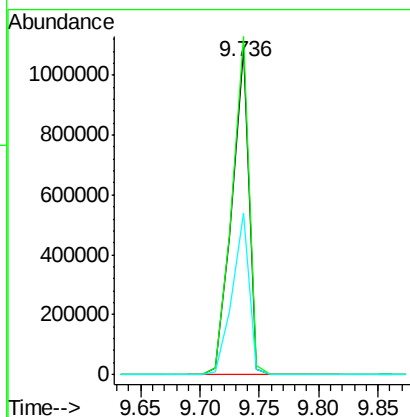
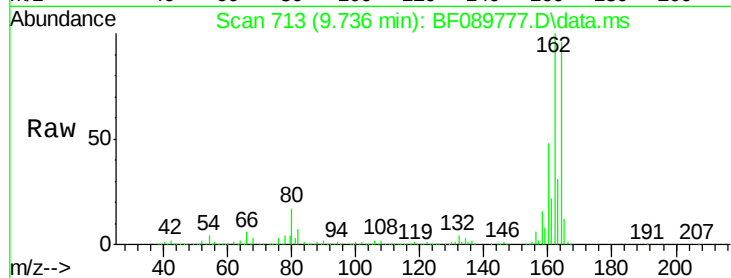




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.736 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF089777.D
Acq: 17 Aug 2016 21:39

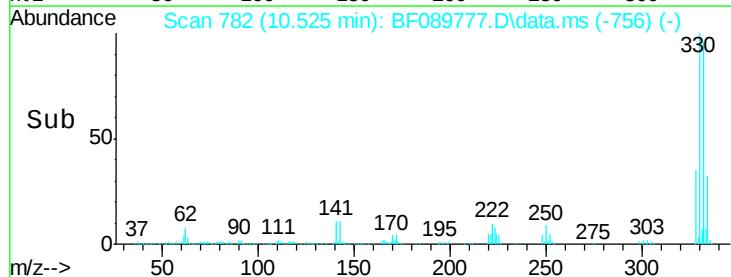
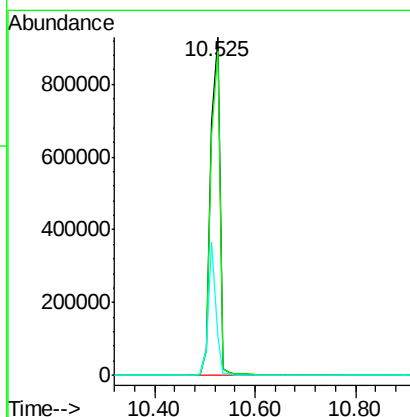
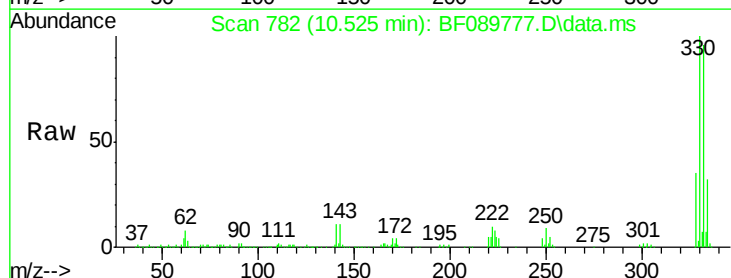
Instrument :
BNA_F
ClientSampleId :
670-UNDERCLIFF-2

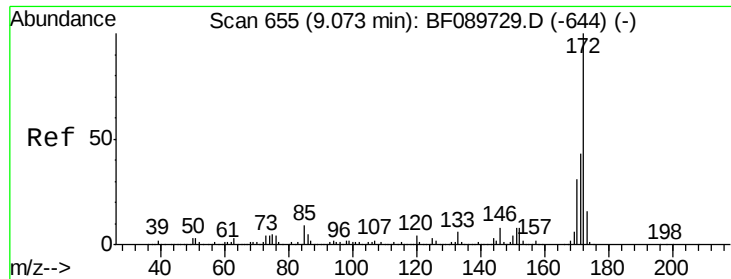
Tot Ion:164 Resp: 1086929
Ion Ratio Lower Upper
164 100
162 104.1 81.4 122.2
160 49.6 37.8 56.6



#41
2,4,6-Tribromophenol
Concen: 113.86 ng
RT: 10.525 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF089777.D
Acq: 17 Aug 2016 21:39

Tgt Ion:330 Resp: 1197225
Ion Ratio Lower Upper
330 100
332 95.0 76.7 115.1
141 32.0 30.2 45.2

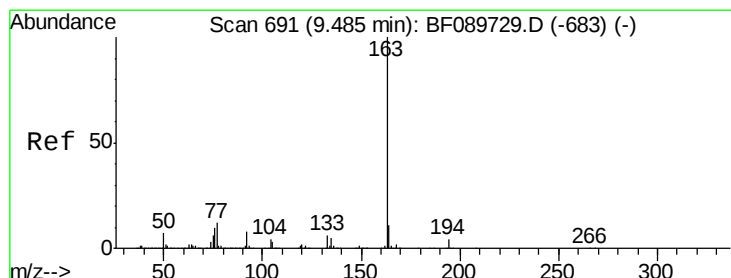
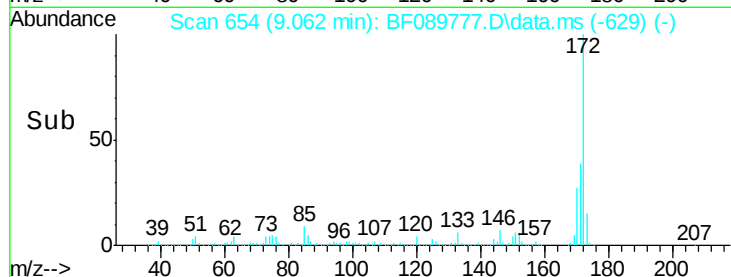
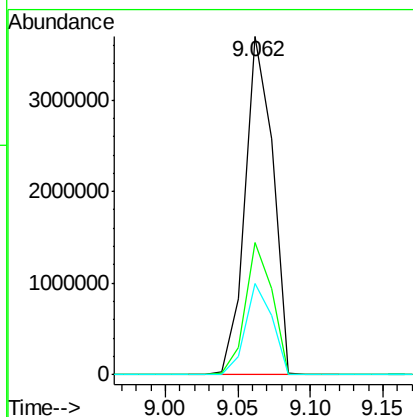
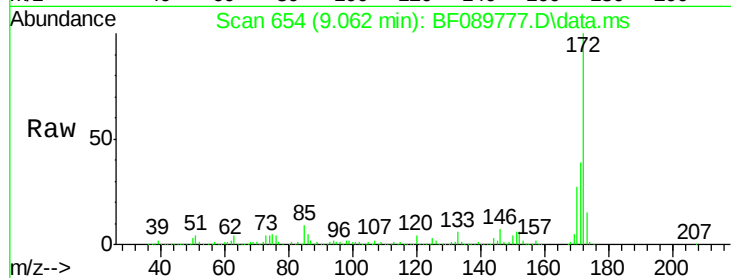




#44
2-Fluorobiphenyl
Concen: 72.55 ng
RT: 9.062 min Scan# 65
Delta R.T. -0.011 min
Lab File: BF089777.D
Acq: 17 Aug 2016 21:39

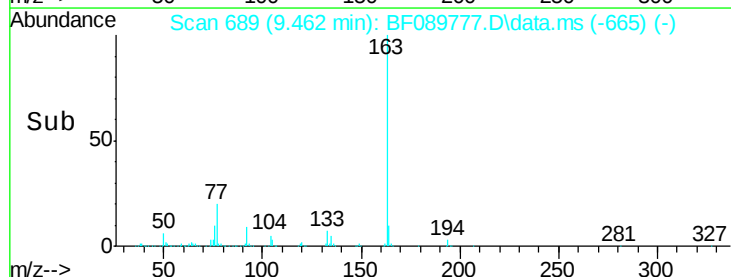
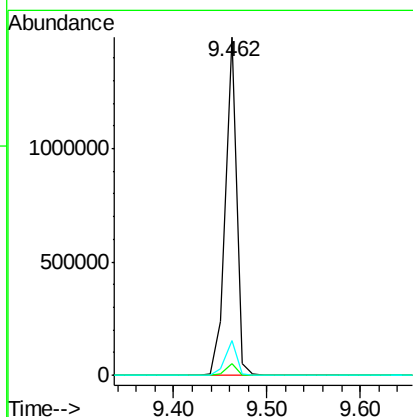
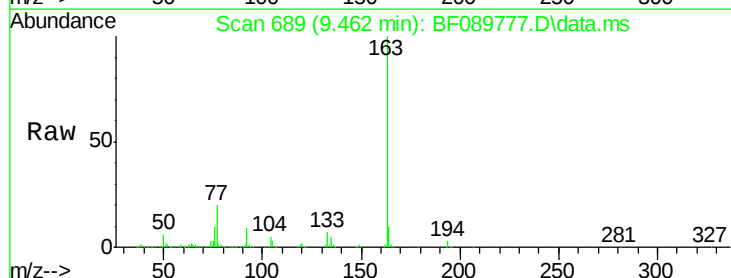
Instrument :
BNA_F
ClientSampleId :
670-UNDERCLIFF-2

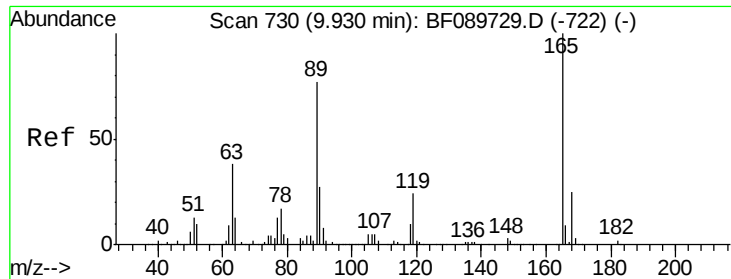
Tot Ion:172 Resp: 4914548
Ion Ratio Lower Upper
172 100
171 39.2 30.5 45.7
170 26.9 20.6 31.0



#49
Dimethylphthalate
Concen: 15.70 ng
RT: 9.462 min Scan# 689
Delta R.T. -0.023 min
Lab File: BF089777.D
Acq: 17 Aug 2016 21:39

Tgt Ion:163 Resp: 1234608
Ion Ratio Lower Upper
163 100
194 3.3 2.6 3.8
164 10.4 8.6 12.8

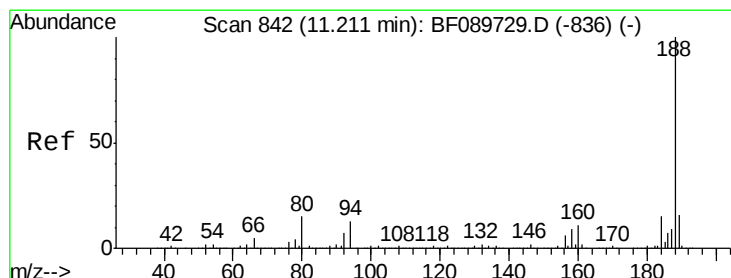
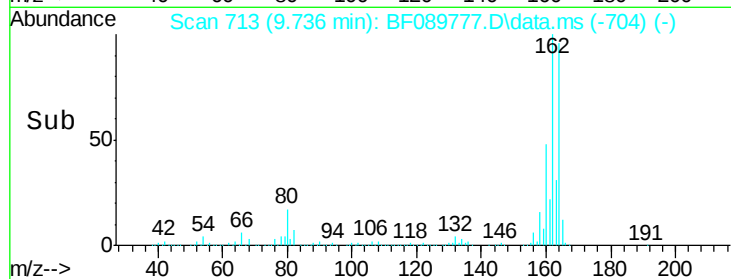
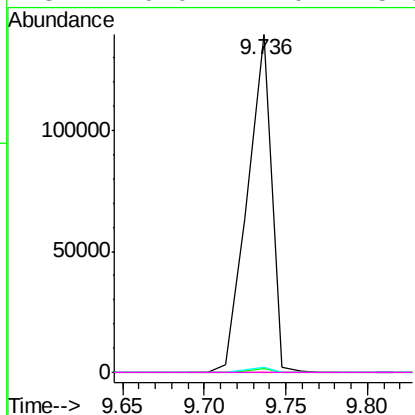
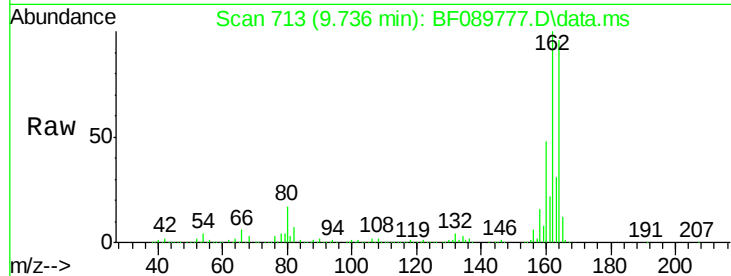




#56
 2,4-Dinitrotoluene
 Concen: 6.26 ng
 RT: 9.736 min Scan# 71
 Delta R.T. -0.194 min
 Lab File: BF089777.D
 Acq: 17 Aug 2016 21:39

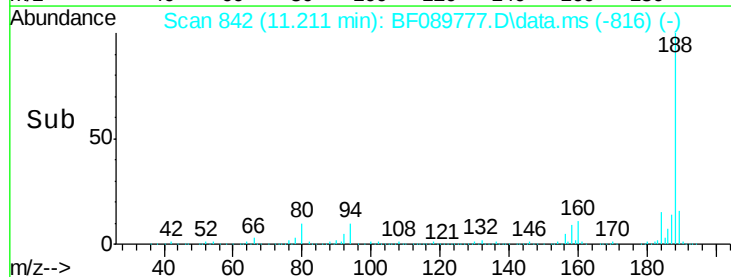
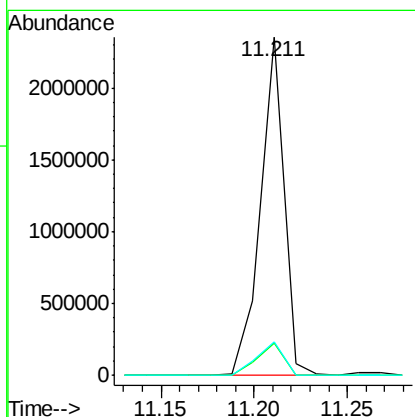
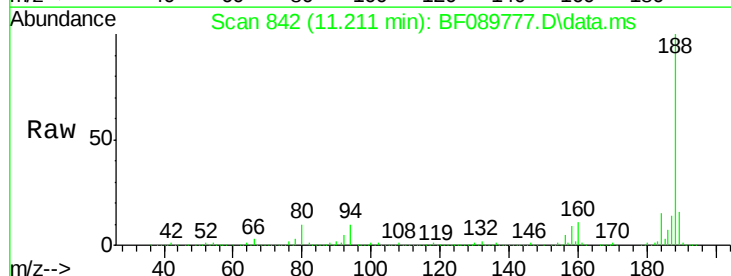
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 ClientSampleId :
 670-UNDERCLIFF-2

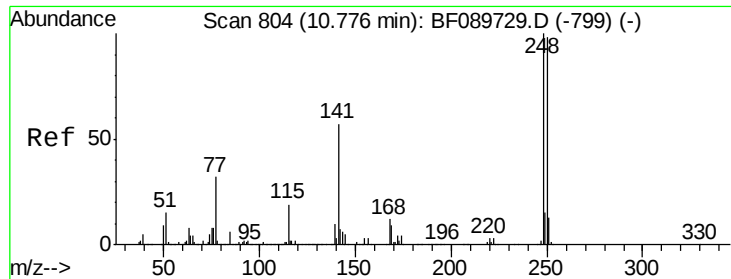
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	23.7	35.5#
89	1.6	44.0	66.0#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.211 min Scan# 842
 Delta R.T. 0.000 min
 Lab File: BF089777.D
 Acq: 17 Aug 2016 21:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	10.2	15.2#
80	9.8	10.9	16.3#

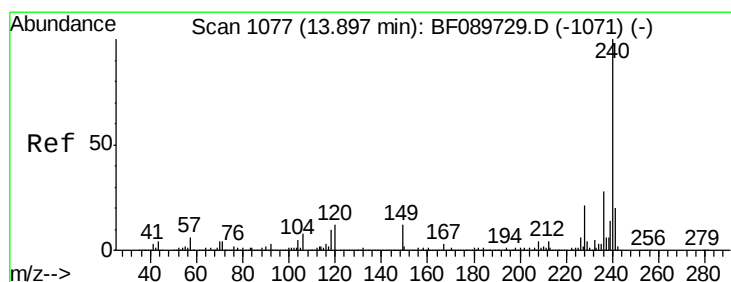
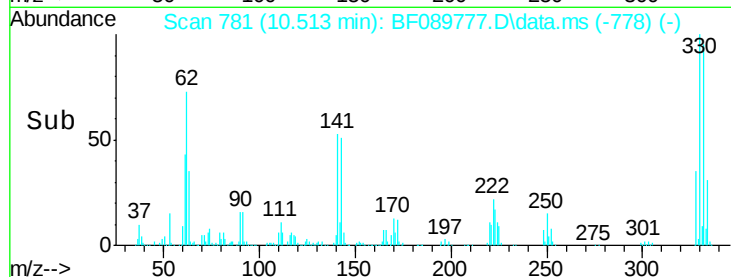
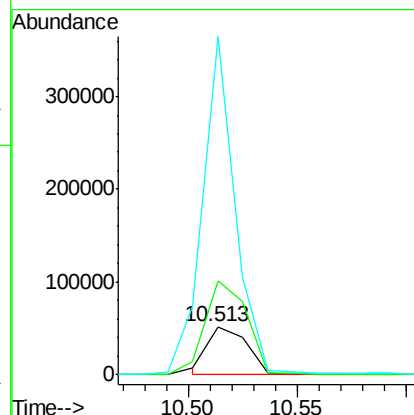
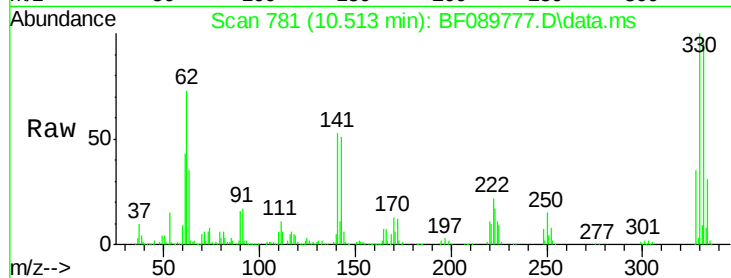




#66
4-Bromophenyl-phenylether
Concen: 2.99 ng
RT: 10.513 min Scan# 78
Delta R.T. -0.263 min
Lab File: BF089777.D
Acq: 17 Aug 2016 21:39

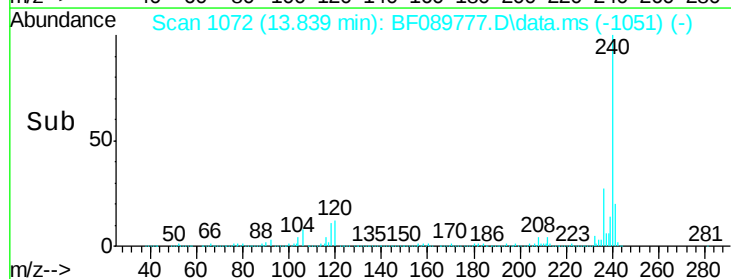
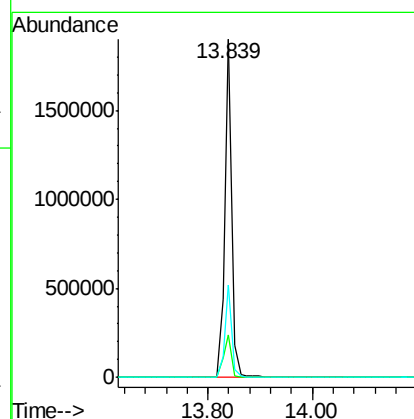
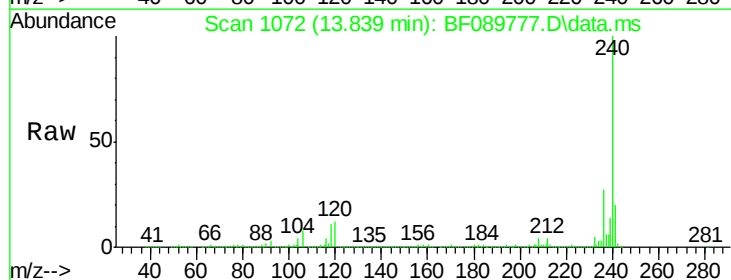
Instrument :
BNA_F
ClientSampleId :
670-UNDERCLIFF-2

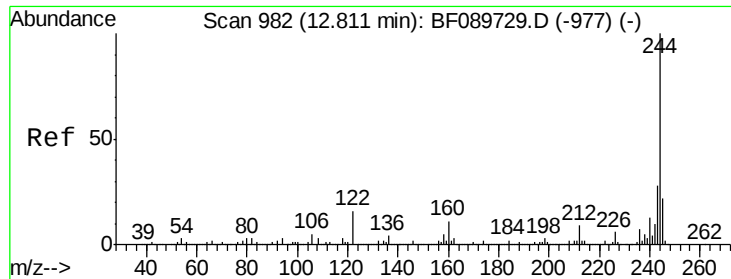
Tot Ion:248 Resp: 63363
Ion Ratio Lower Upper
248 100
250 196.1 78.6 117.8#
141 712.1 31.4 47.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.839 min Scan# 1072
Delta R.T. -0.057 min
Lab File: BF089777.D
Acq: 17 Aug 2016 21:39

Tgt Ion:240 Resp: 1770066
Ion Ratio Lower Upper
240 100
120 12.5 8.3 12.5
236 27.2 21.3 31.9





#78

Terphenyl-d14

Concen: 71.30 ng

RT: 12.799 min Scan# 98

Delta R.T. -0.011 min

Lab File: BF089777.D

Acq: 17 Aug 2016 21:39

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-2

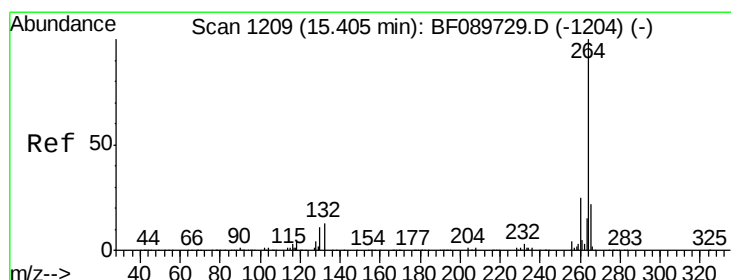
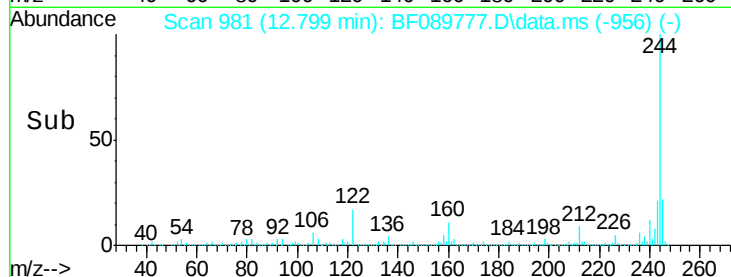
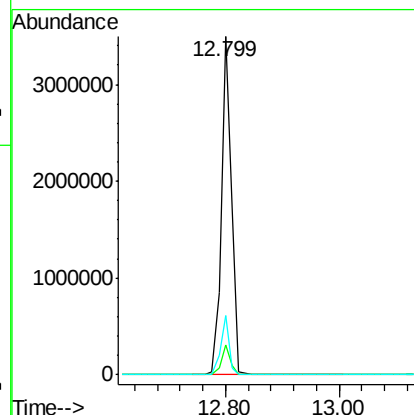
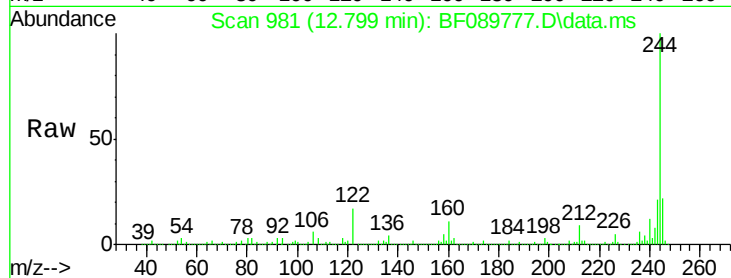
Tot Ion:244 Resp: 4224481

Ion Ratio Lower Upper

244 100

212 8.7 6.3 9.5

122 17.5 12.0 18.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.245 min Scan# 1195

Delta R.T. -0.160 min

Lab File: BF089777.D

Acq: 17 Aug 2016 21:39

Tgt Ion:264 Resp: 1510008

Ion Ratio Lower Upper

264 100

260 24.9 20.2 30.2

265 22.4 17.4 26.2

