

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA F\Data\BF081716\
 Data File : BF089782.D
 Acq On : 17 Aug 2016 23:52
 Operator : UM/SJ
 Sample : H4490-14
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-7

Quant Time: Aug 18 08:35:37 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)

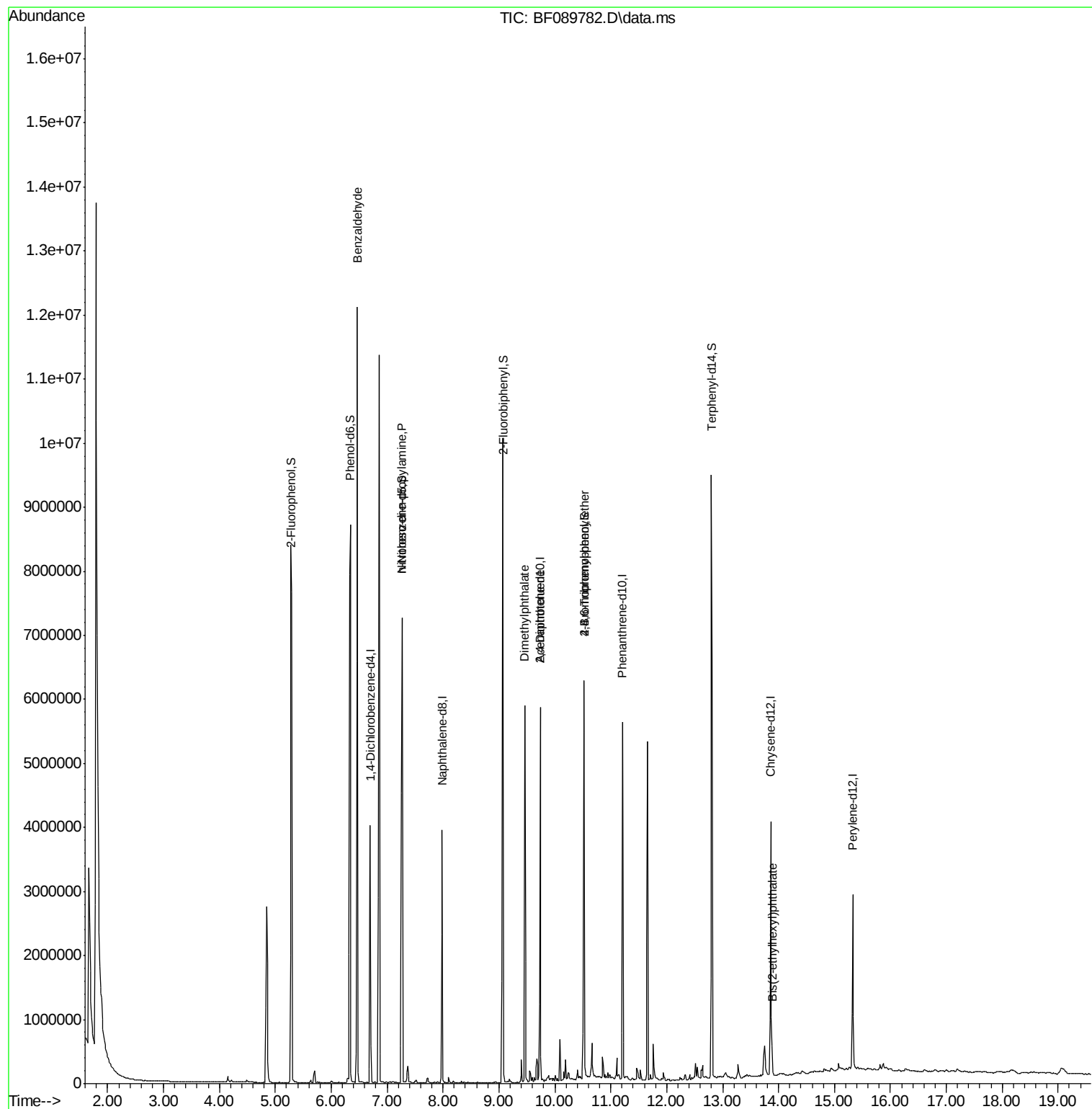
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.696	152	558032	20.00	ng	0.00
21) Naphthalene-d8	7.988	136	2251937	20.00	ng	0.00
38) Acenaphthene-d10	9.736	164	1085237	20.00	ng	0.00
63) Phenanthrene-d10	11.211	188	1818215	20.00	ng	0.00
75) Chrysene-d12	13.862	240	1328240	20.00	ng	-0.03
86) Perylene-d12	15.325	264	1150041	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	3902720	116.69	ng	0.01
7) Phenol-d6	6.342	99	4958876	116.57	ng	0.01
23) Nitrobenzene-d5	7.267	82	2988736	81.04	ng	0.00
41) 2,4,6-Tribromophenol	10.525	330	1110705	105.79	ng	0.00
44) 2-Fluorobiphenyl	9.073	172	4879862	72.15	ng	0.00
78) Terphenyl-d14	12.799	244	3899489	87.71	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.467	77	90495	3.21	ng	Qvalue 88
19) n-Nitroso-di-n-propyla...	7.267	70	401054	14.40	ng	# 73
49) Dimethylphthalate	9.462	163	2719128	34.63	ng	98
56) 2,4-Dinitrotoluene	9.736	165	145959	6.39	ng	# 35
66) 4-Bromophenyl-phenylether	10.525	248	67736	3.60	ng	# 1
83) Bis(2-ethylhexyl)phtha...	13.885	149	151934	2.63	ng	98

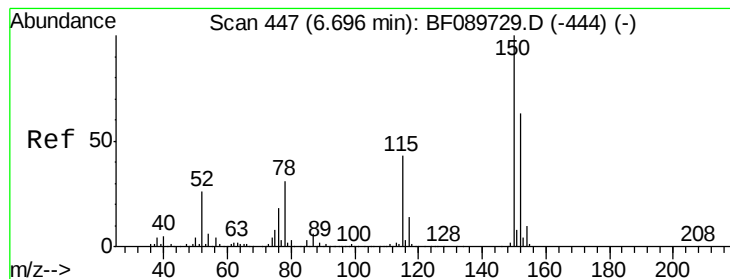
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: BF089782.D

Acq: 17 Aug 2016 23:52

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-7

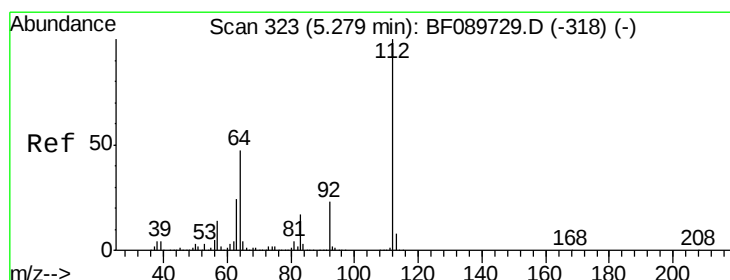
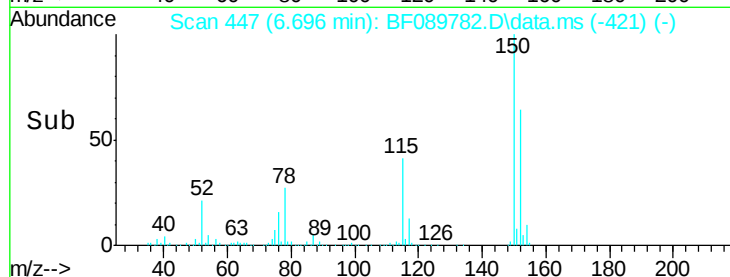
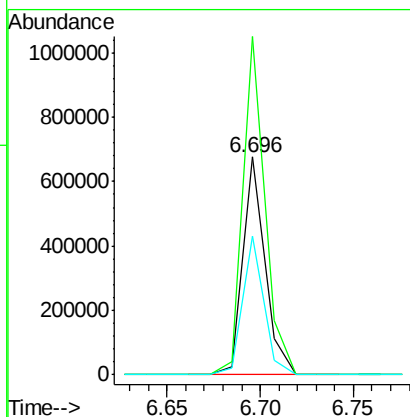
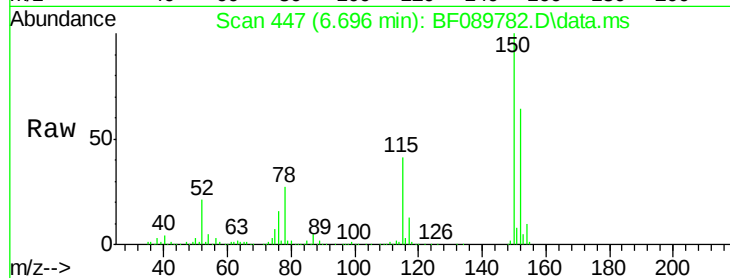
Tot Ion:152 Resp: 558032

Ion Ratio Lower Upper

152 100

150 155.4 125.3 187.9

115 63.3 40.9 61.3#



#5

2-Fluorophenol

Concen: 116.69 ng

RT: 5.290 min Scan# 324

Delta R.T. 0.012 min

Lab File: BF089782.D

Acq: 17 Aug 2016 23:52

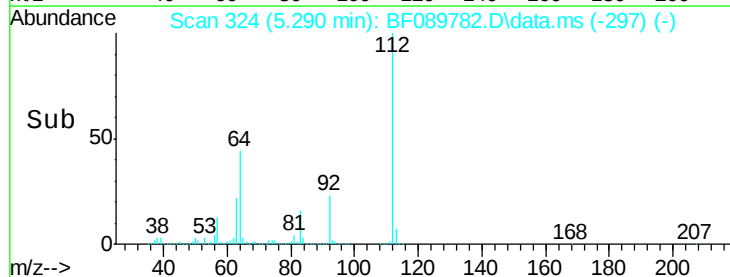
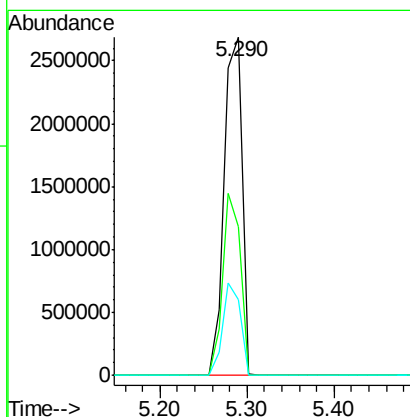
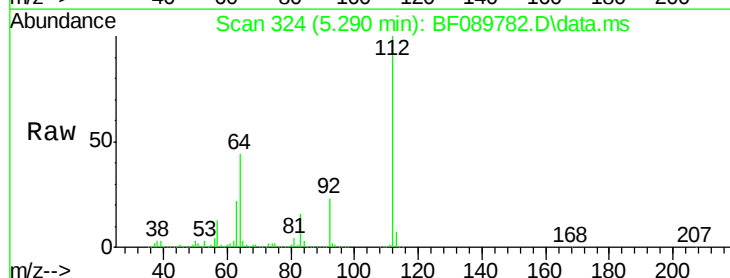
Tgt Ion:112 Resp: 3902720

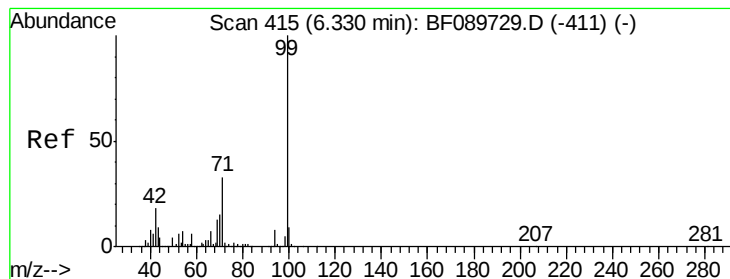
Ion Ratio Lower Upper

112 100

64 44.0 45.0 67.4#

63 22.3 23.1 34.7#





#7

Phenol-d6

Concen: 116.57 ng

RT: 6.342 min Scan# 41

Delta R.T. 0.012 min

Lab File: BF089782.D

Acq: 17 Aug 2016 23:52

Instrument :

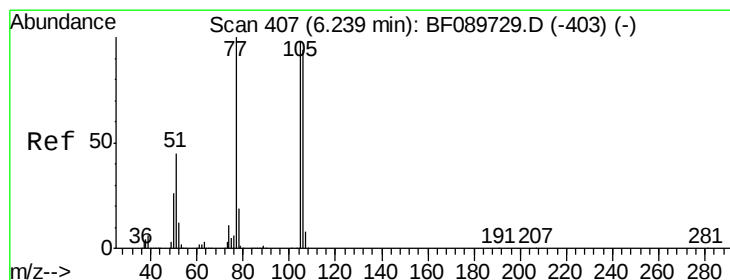
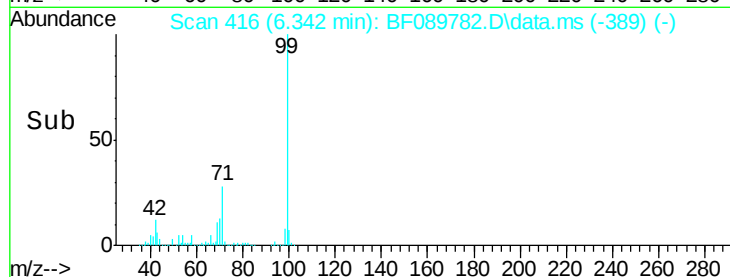
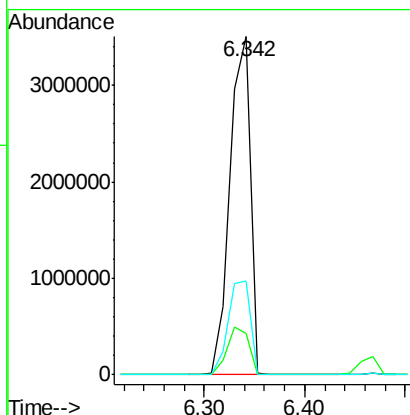
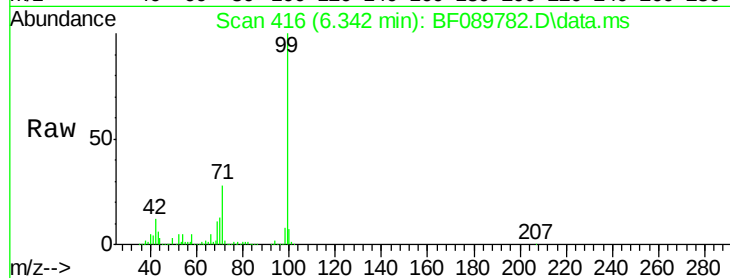
BNA_F

ClientSampleId :

670-UNDERCLIFF-7

Tot Ion: 99 Resp: 4958876

Ion	Ratio	Lower	Upper
99	100		
42	12.2	12.2	18.4#
71	27.7	23.8	35.8



#9

Benzaldehyde

Concen: 3.21 ng

RT: 6.467 min Scan# 427

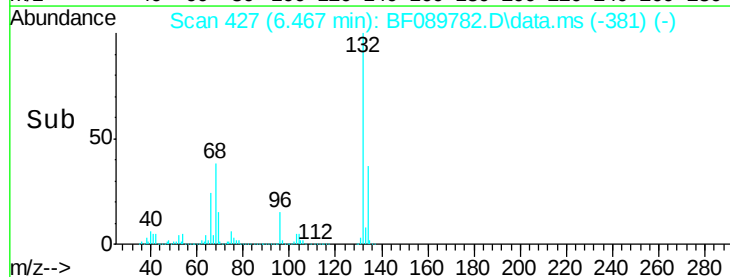
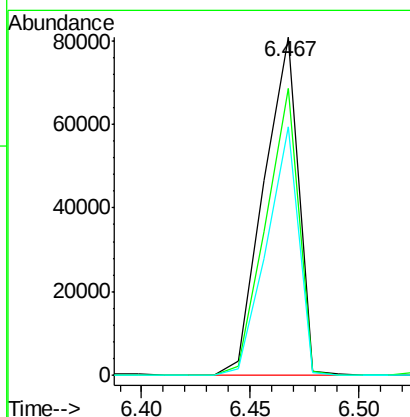
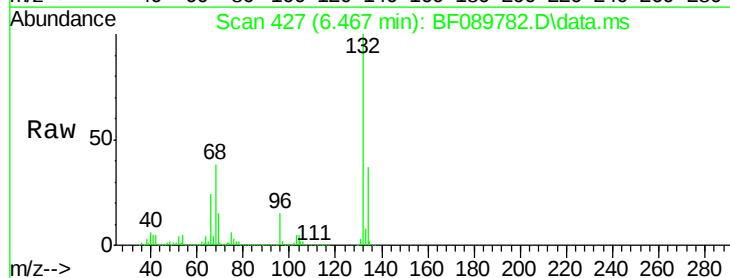
Delta R.T. 0.229 min

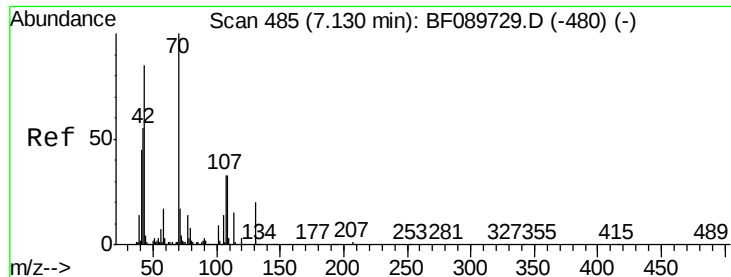
Lab File: BF089782.D

Acq: 17 Aug 2016 23:52

Tgt Ion: 77 Resp: 90495

Ion	Ratio	Lower	Upper
77	100		
105	84.8	73.3	113.3
106	73.6	68.6	108.6

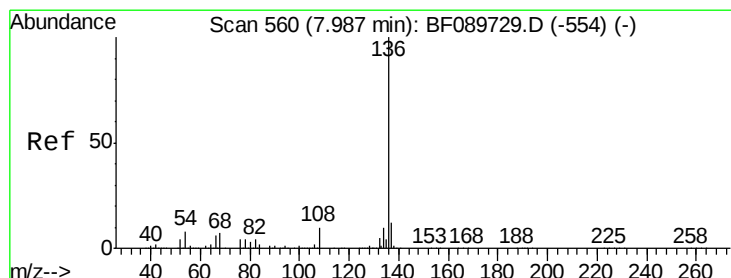
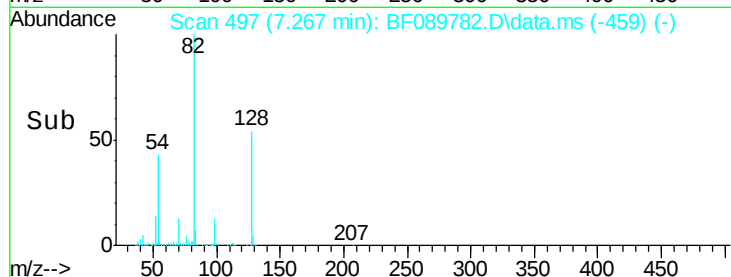
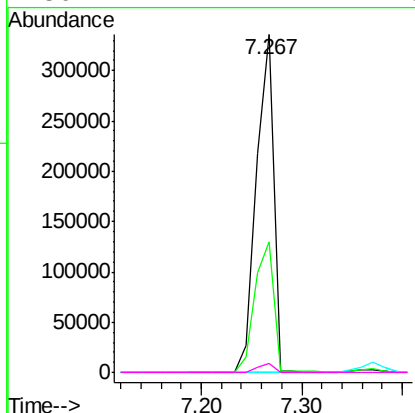
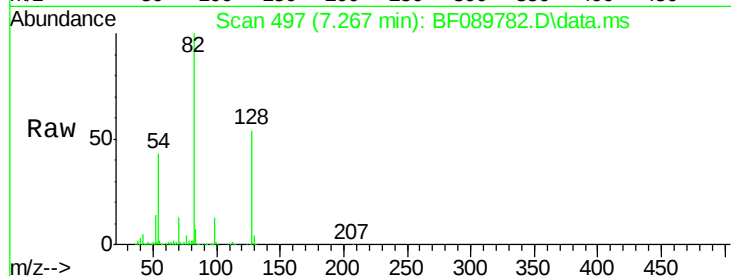




#19
n-Nitroso-di-n-propylamine
Concen: 14.40 ng
RT: 7.267 min Scan# 49
Delta R.T. 0.137 min
Lab File: BF089782.D
Acq: 17 Aug 2016 23:52

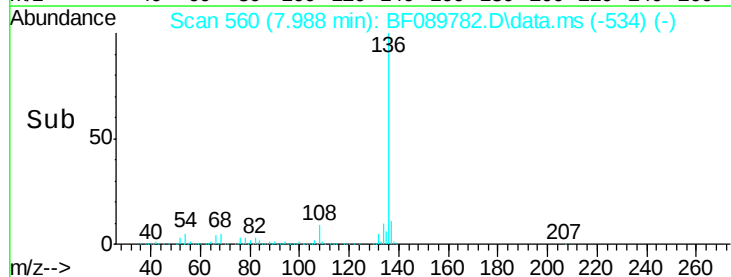
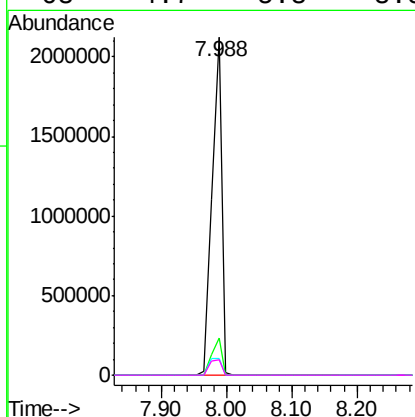
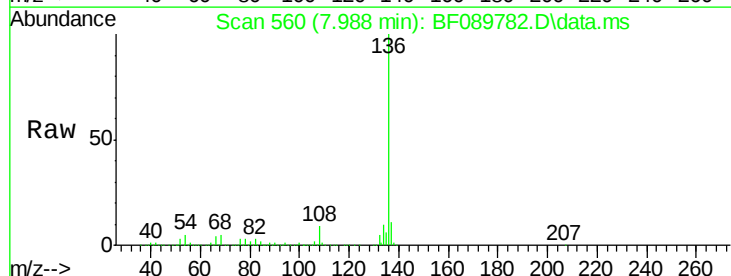
Instrument :
BNA_F
ClientSampleId :
670-UNDERCLIFF-7

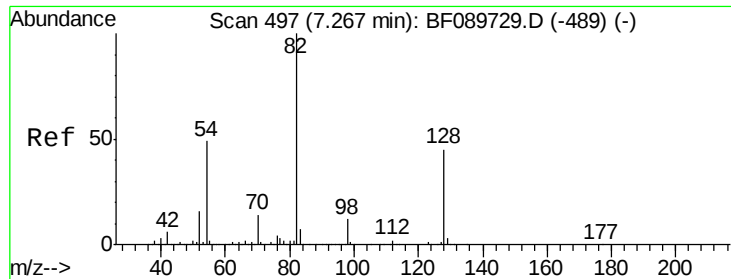
Tot Ion:	70	Resp:	401054
Ion	Ratio	Lower	Upper
70	100		
42	38.8	46.3	69.5#
101	0.0	7.0	10.6#
130	2.7	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.988 min Scan# 560
Delta R.T. 0.000 min
Lab File: BF089782.D
Acq: 17 Aug 2016 23:52

Tgt Ion:	136	Resp:	2251937
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	5.2	7.2	10.8#
68	4.7	5.8	8.8#

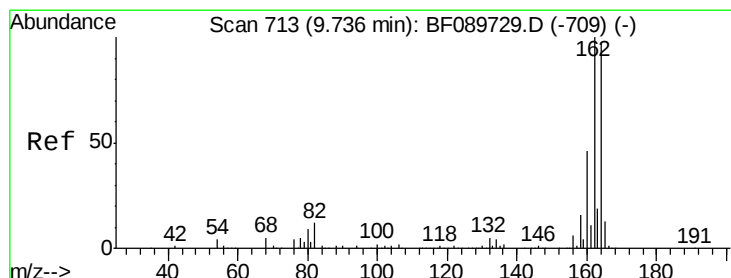
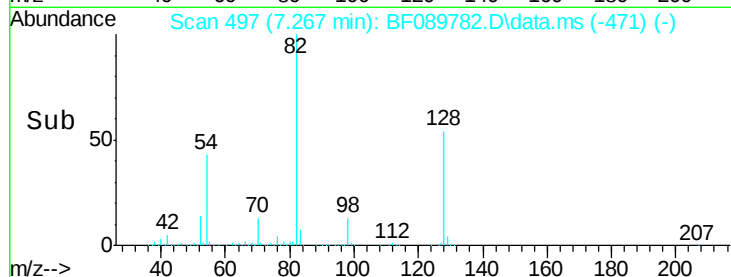
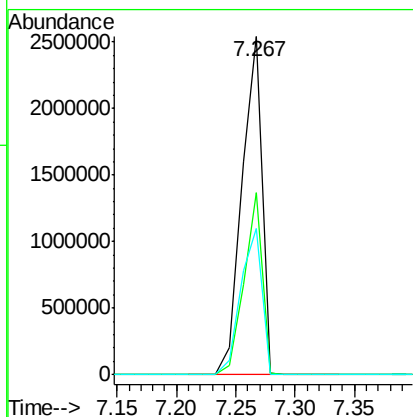
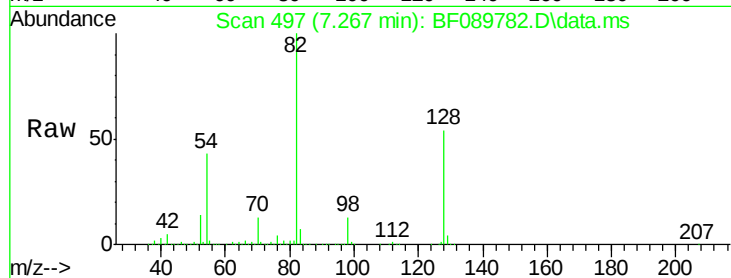




#23
 Nitrobenzene-d5
 Concen: 81.04 ng
 RT: 7.267 min Scan# 49
 Delta R.T. 0.000 min
 Lab File: BF089782.D
 Acq: 17 Aug 2016 23:52

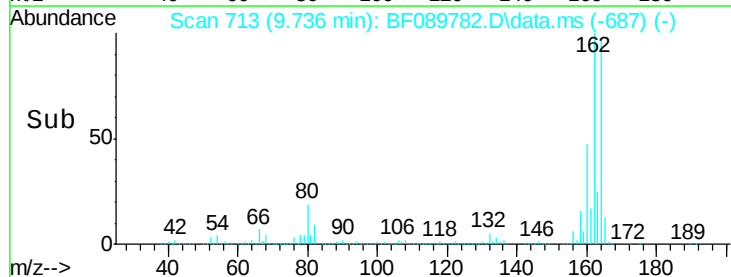
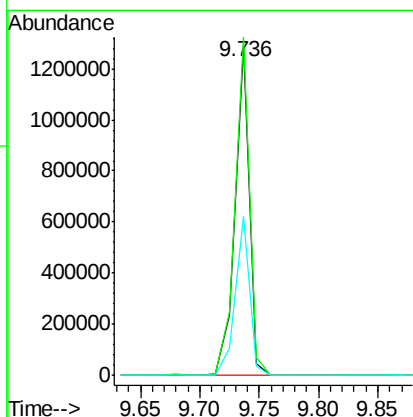
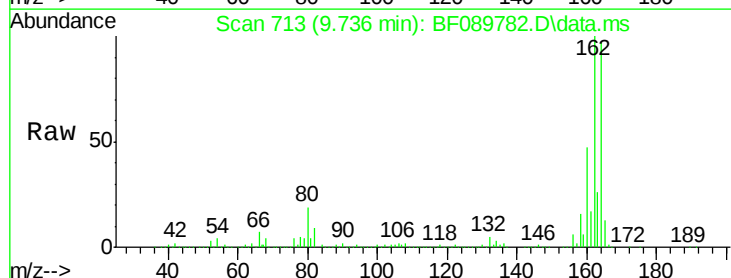
Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-7

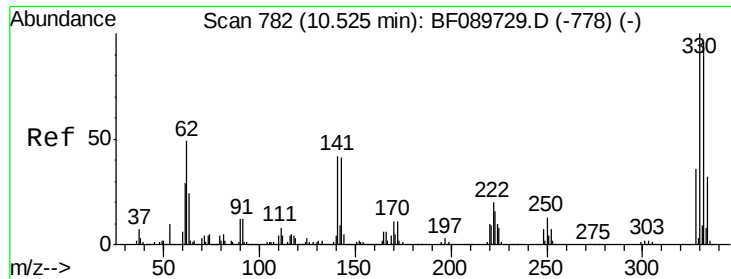
Tot Ion: 82 Resp: 2988736
 Ion Ratio Lower Upper
 82 100
 128 53.6 34.4 51.6#
 54 43.1 40.3 60.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.736 min Scan# 713
 Delta R.T. 0.000 min
 Lab File: BF089782.D
 Acq: 17 Aug 2016 23:52

Tgt Ion: 164 Resp: 1085237
 Ion Ratio Lower Upper
 164 100
 162 102.8 81.4 122.2
 160 48.4 37.8 56.6

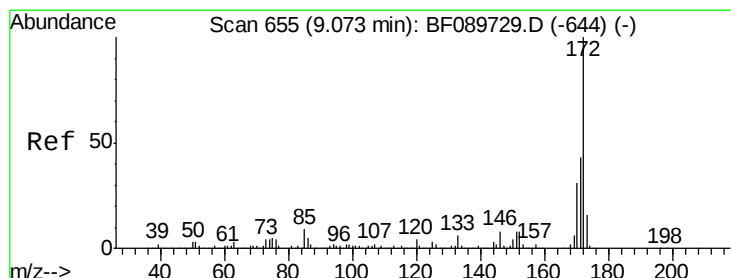
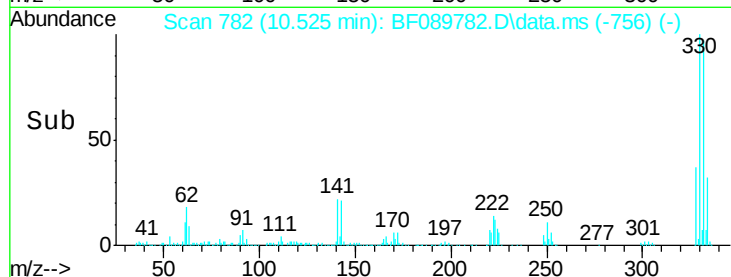
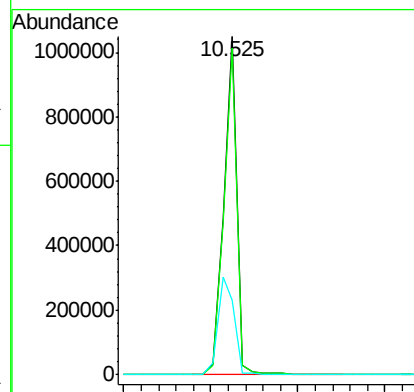
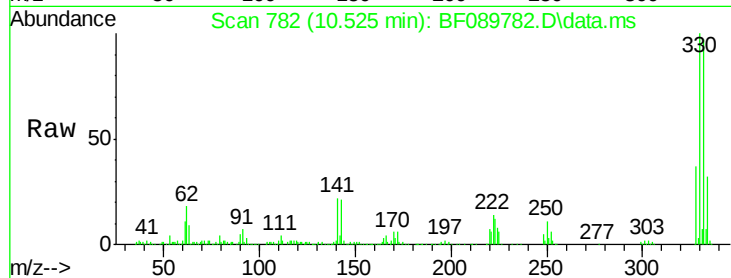




#41
 2,4,6-Tribromophenol
 Concen: 105.79 ng
 RT: 10.525 min Scan# 78
 Delta R.T. 0.000 min
 Lab File: BF089782.D
 Acq: 17 Aug 2016 23:52

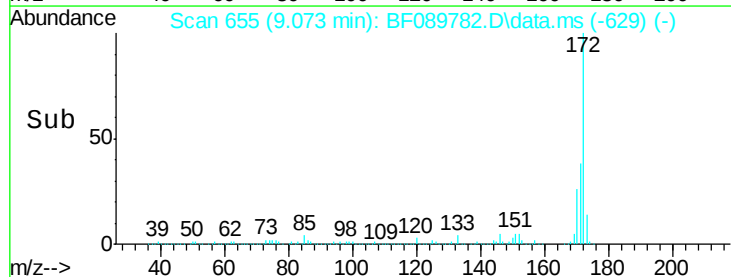
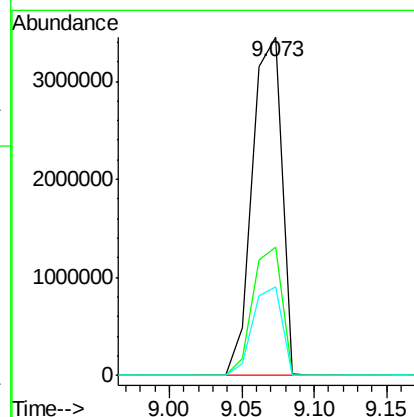
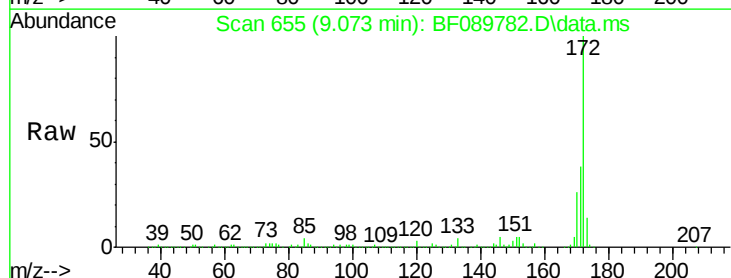
Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-7

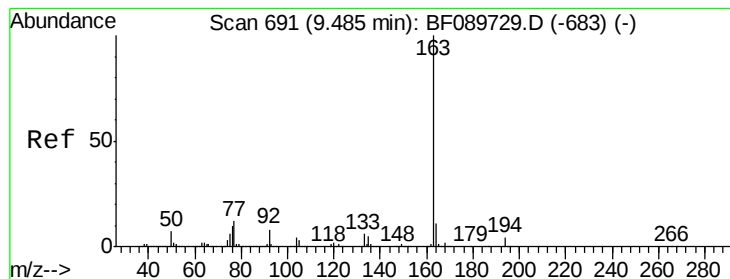
Tot Ion:330 Resp: 1110705
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.7 115.1
 141 35.8 30.2 45.2



#44
 2-Fluorobiphenyl
 Concen: 72.15 ng
 RT: 9.073 min Scan# 655
 Delta R.T. 0.000 min
 Lab File: BF089782.D
 Acq: 17 Aug 2016 23:52

Tgt Ion:172 Resp: 4879862
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.5 45.7
 170 26.0 20.6 31.0





#49

Dimethylphthalate

Concen: 34.63 ng

RT: 9.462 min Scan# 68

Delta R.T. -0.023 min

Lab File: BF089782.D

Acq: 17 Aug 2016 23:52

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-7

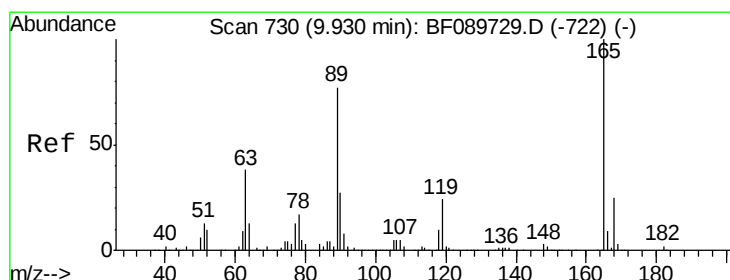
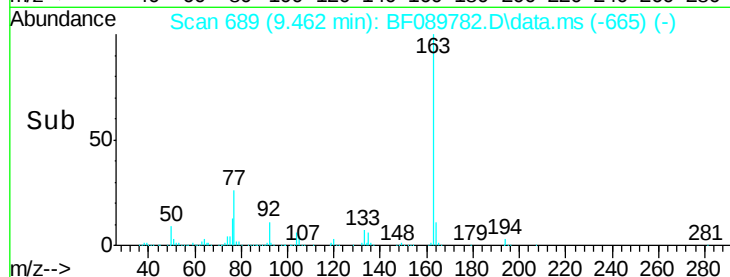
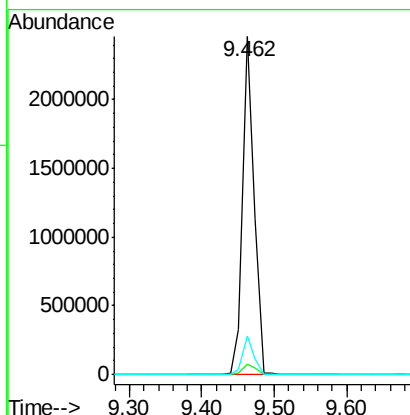
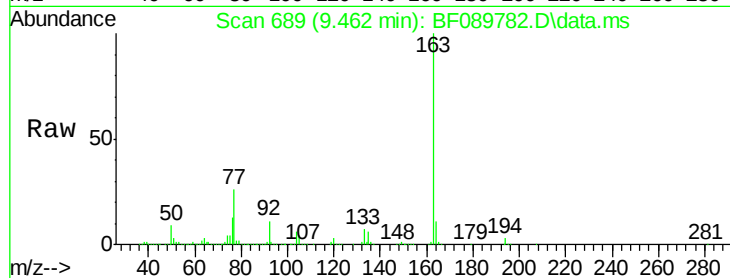
Tot Ion:163 Resp: 2719128

Ion Ratio Lower Upper

163 100

194 3.2 2.6 3.8

164 11.5 8.6 12.8



#56

2,4-Dinitrotoluene

Concen: 6.39 ng

RT: 9.736 min Scan# 713

Delta R.T. -0.194 min

Lab File: BF089782.D

Acq: 17 Aug 2016 23:52

Tgt Ion:165 Resp: 145959

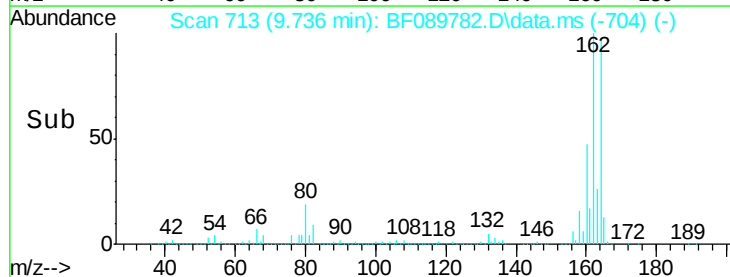
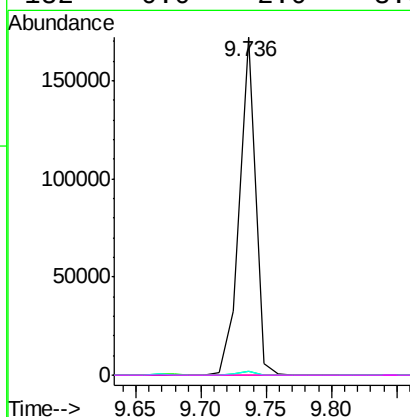
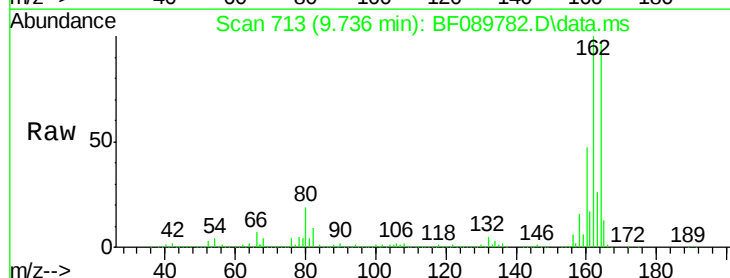
Ion Ratio Lower Upper

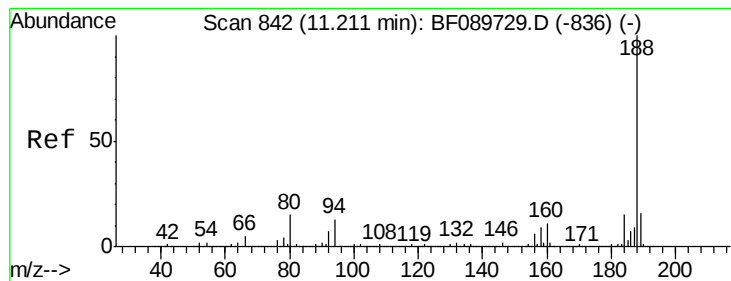
165 100

63 1.0 23.7 35.5#

89 1.1 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: BF089782.D

Acq: 17 Aug 2016 23:52

Instrument :

BNA_F

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670-UNDERCLIFF-7

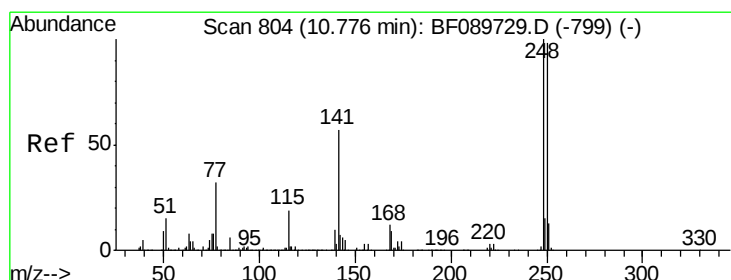
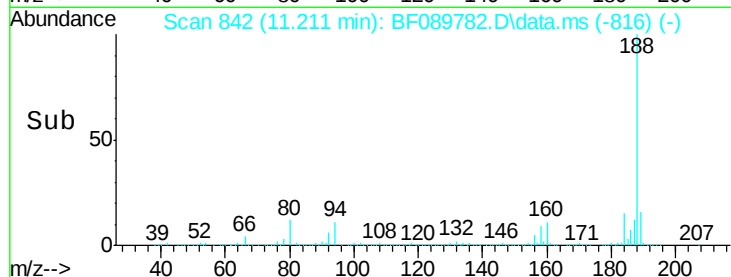
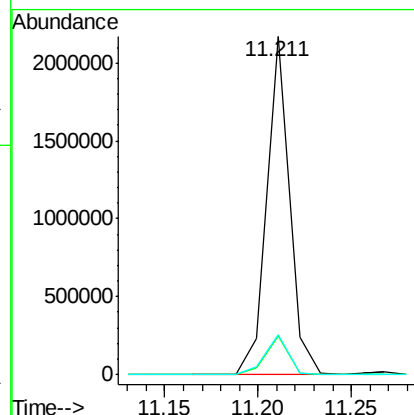
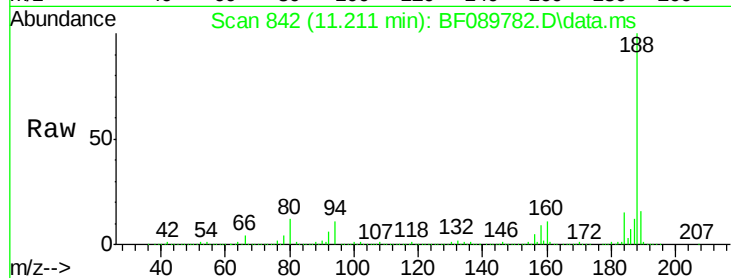
Tot Ion:188 Resp: 1818215

Ion Ratio Lower Upper

188 100

94 11.3 10.2 15.2

80 11.7 10.9 16.3



#66

4-Bromophenyl-phenylether

Concen: 3.60 ng

RT: 10.525 min Scan# 782

Delta R.T. -0.251 min

Lab File: BF089782.D

Acq: 17 Aug 2016 23:52

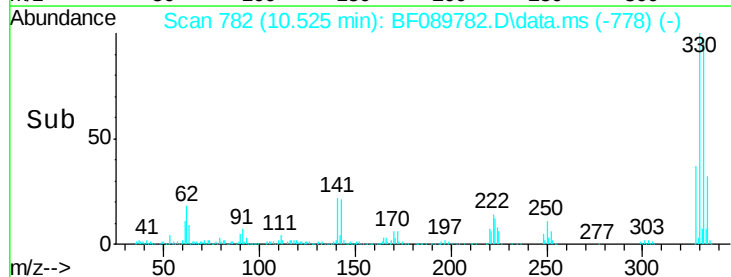
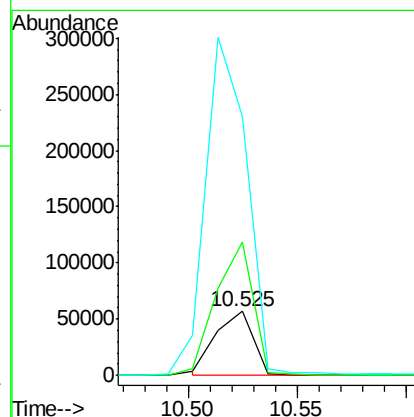
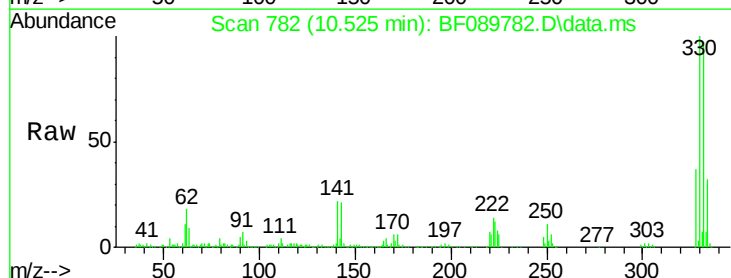
Tgt Ion:248 Resp: 67736

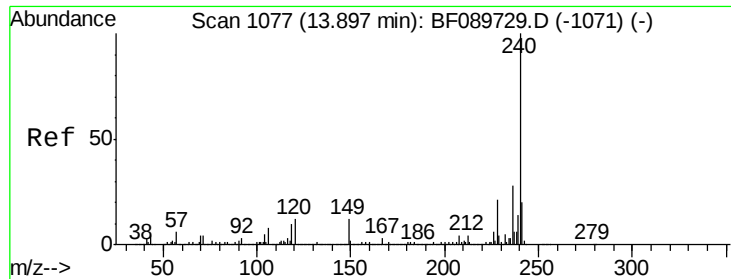
Ion Ratio Lower Upper

248 100

250 207.5 78.6 117.8#

141 404.0 31.4 47.2#

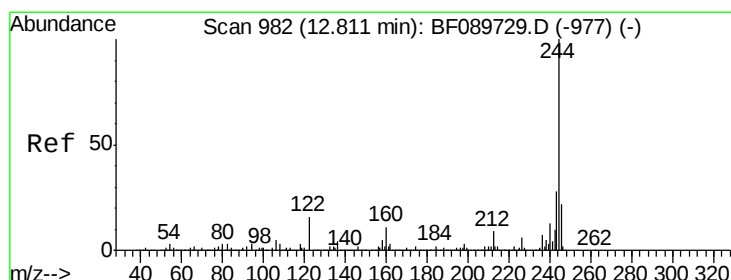
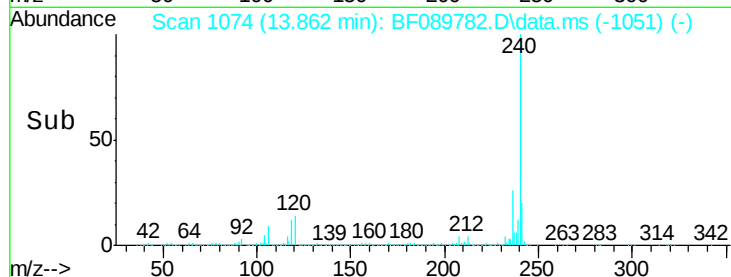
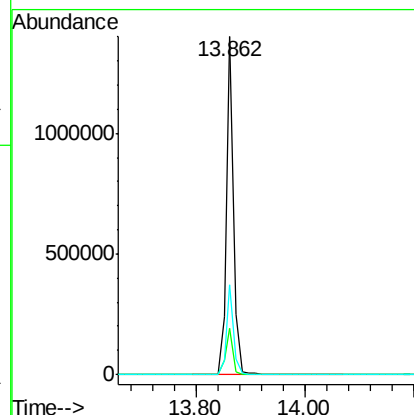
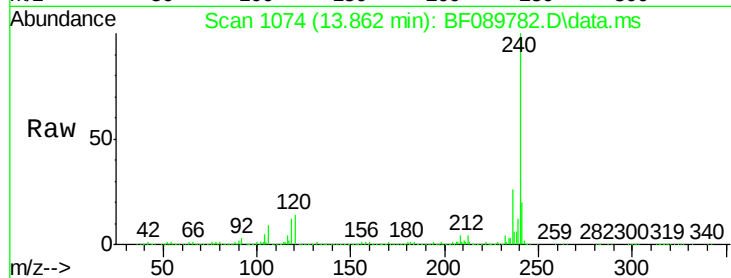




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 13.862 min Scan# 1077
 Delta R.T. -0.034 min
 Lab File: BF089782.D
 Acq: 17 Aug 2016 23:52

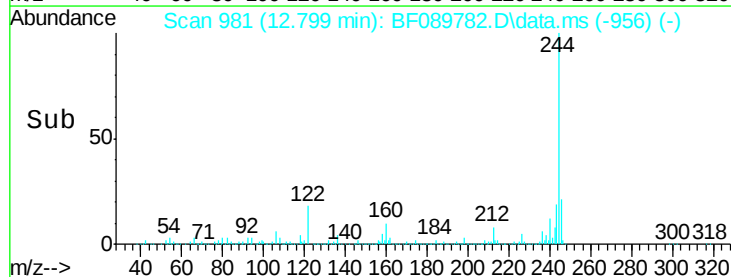
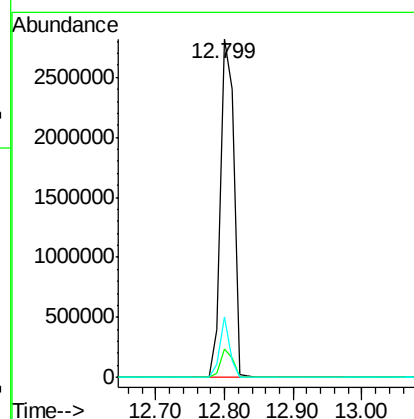
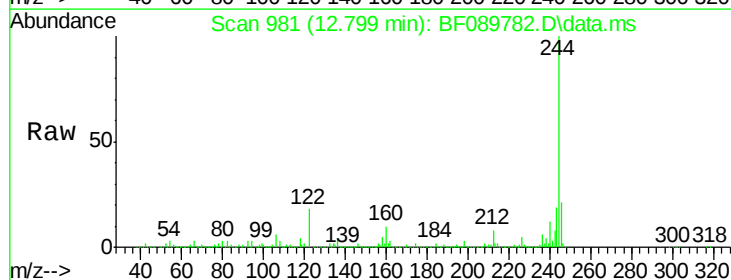
Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-7

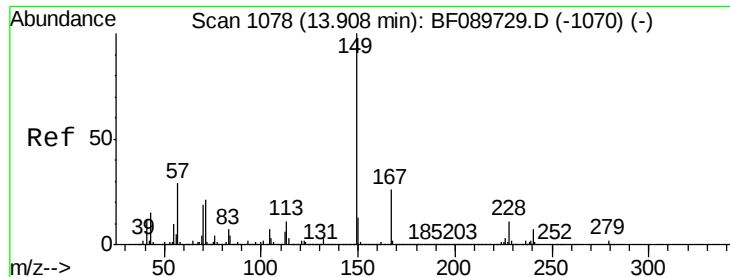
Tot Ion:240 Resp: 1328240
 Ion Ratio Lower Upper
 240 100
 120 13.6 8.3 12.5#
 236 26.5 21.3 31.9



#78
 Terphenyl-d14
 Concen: 87.71 ng
 RT: 12.799 min Scan# 981
 Delta R.T. -0.011 min
 Lab File: BF089782.D
 Acq: 17 Aug 2016 23:52

Tgt Ion:244 Resp: 3899489
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.3 9.5
 122 17.9 12.0 18.0

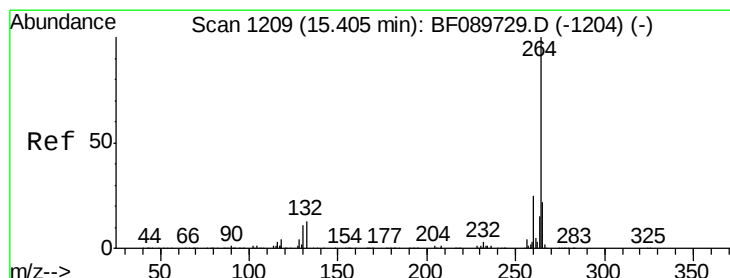
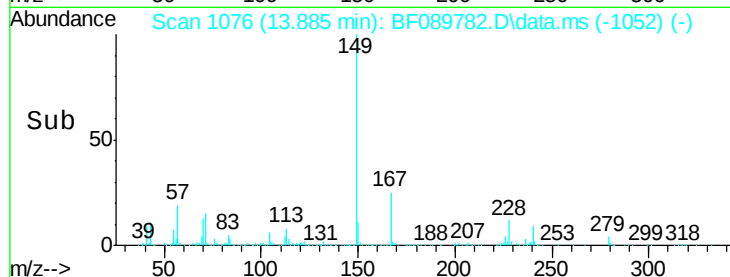
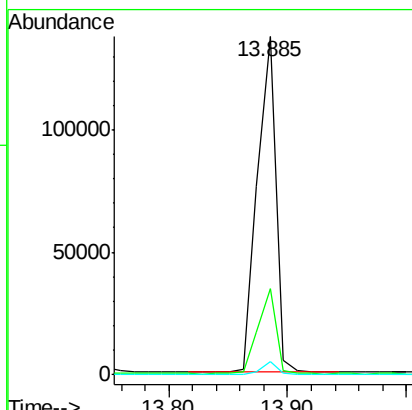
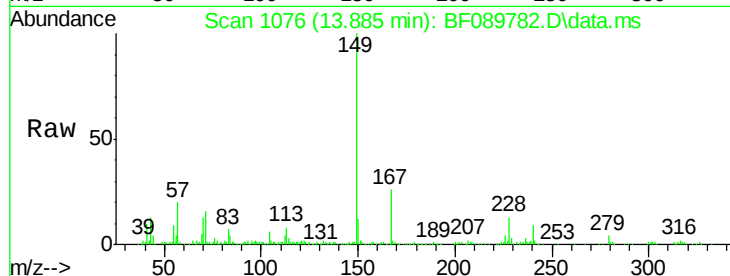




#83
Bis(2-ethylhexyl)phthalate
Concen: 2.63 ng
RT: 13.885 min Scan# 1078
Delta R.T. -0.023 min
Lab File: BF089782.D
Acq: 17 Aug 2016 23:52

Instrument :
BNA_F
ClientSampleId :
670-UNDERCLIFF-7

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.2	31.8
279	4.0	2.9	4.3



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.325 min Scan# 1202
Delta R.T. -0.080 min
Lab File: BF089782.D
Acq: 17 Aug 2016 23:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.2	30.2
265	22.3	17.4	26.2

